

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056872.D
 Acq On : 23 Jul 2019 12:34
 Operator : JC/SP
 Sample : VN0723WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Quant Time: Jul 24 01:13:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	385932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	579062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	512153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	209854	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	197316	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
35) Dibromofluoromethane	7.59	113	176910	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
50) Toluene-d8	10.09	98	674319	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.40	95	215618	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	94916	19.849	ug/l	98
3) Chloromethane	2.06	50	110628	20.539	ug/l	98
4) Vinyl Chloride	2.19	62	100076	20.225	ug/l	98
5) Bromomethane	2.55	94	58190	19.334	ug/l	96
6) Chloroethane	2.70	64	55617	20.511	ug/l	95
7) Trichlorofluoromethane	3.01	101	123756	20.473	ug/l	100
8) Diethyl Ether	3.40	74	45085	20.017	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	78445	20.983	ug/l	97
10) Methyl Iodide	3.94	142	97130	18.562	ug/l	99
11) Tert butyl alcohol	4.81	59	67852	116.031	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	75009	20.028	ug/l	99
13) Acrolein	3.60	56	38148	78.403	ug/l	96
14) Allyl chloride	4.31	41	122571	19.907	ug/l	99
15) Acrylonitrile	4.99	53	185857	105.623	ug/l	99
16) Acetone	3.82	43	167025	112.672	ug/l	100
17) Carbon Disulfide	4.04	76	194871	19.064	ug/l	100
18) Methyl Acetate	4.33	43	105379	20.608	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	226161	20.439	ug/l	100
20) Methylene Chloride	4.54	84	91240	20.584	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	79480	20.316	ug/l	96
22) Diisopropyl ether	5.96	45	259513	20.848	ug/l	98
23) Vinyl Acetate	5.90	43	930492	103.482	ug/l	99
24) 1,1-Dichloroethane	5.85	63	146898	20.368	ug/l	100
25) 2-Butanone	6.84	43	241687	110.919	ug/l	100
26) 2,2-Dichloropropane	6.82	77	107993	21.399	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	91612	20.426	ug/l	99
28) Bromochloromethane	7.19	49	65863	20.119	ug/l	99
29) Tetrahydrofuran	7.21	42	161060	107.509	ug/l	100
30) Chloroform	7.37	83	144582	19.998	ug/l	98
31) Cyclohexane	7.65	56	139994	20.008	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	120366	20.579	ug/l	100
36) 1,1-Dichloropropene	7.79	75	110027	20.604	ug/l	98
37) Ethyl Acetate	6.93	43	98138	22.789	ug/l	99
38) Carbon Tetrachloride	7.77	117	102733	20.209	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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 ClientSampleId :
 VN0723WBS01

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	134107	20.069	ug/l	96
40) Benzene	8.04	78	338224	20.390	ug/l	100
41) Methacrylonitrile	7.22	41	139498	65.242	ug/l #	17
42) 1,2-Dichloroethane	8.12	62	106317	20.513	ug/l	100
43) Isopropyl Acetate	8.17	43	154938	20.929	ug/l	99
44) Trichloroethene	8.83	130	91433	20.581	ug/l	99
45) 1,2-Dichloropropane	9.12	63	90237	20.194	ug/l	100
46) Dibromomethane	9.21	93	56196	20.375	ug/l	99
47) Bromodichloromethane	9.40	83	105110	20.264	ug/l	96
48) Methyl methacrylate	9.20	41	77628	20.961	ug/l	99
49) 1,4-Dioxane	9.20	88	31597	434.958	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	476829	108.010	ug/l	99
52) Toluene	10.15	92	208034	20.841	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	110397	20.738	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	128416	20.461	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	82330	20.781	ug/l	98
56) Ethyl methacrylate	10.43	69	116958	21.266	ug/l	99
57) 1,3-Dichloropropane	10.71	76	137212	20.923	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	228494	91.926	ug/l	99
59) 2-Hexanone	10.75	43	340613	111.464	ug/l	99
60) Dibromochloromethane	10.90	129	82272	20.695	ug/l	99
61) 1,2-Dibromoethane	11.00	107	84375	21.444	ug/l	100
64) Tetrachloroethene	10.63	164	95932	21.834	ug/l	98
65) Chlorobenzene	11.43	112	219795	20.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	82675	20.605	ug/l	99
67) Ethyl Benzene	11.51	91	385351	20.973	ug/l	99
68) m/p-Xylenes	11.62	106	285958	41.573	ug/l	98
69) o-Xylene	11.94	106	139280	20.742	ug/l	98
70) Styrene	11.96	104	228252	19.689	ug/l	99
71) Bromoform	12.12	173	57279	20.600	ug/l #	100
73) Isopropylbenzene	12.25	105	368142	20.942	ug/l	100
74) N-amyl acetate	12.07	43	124454	20.198	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	108164	21.704	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	129312	29.733	ug/l #	100
77) Bromobenzene	12.52	156	96505	21.083	ug/l	100
78) n-propylbenzene	12.59	91	397964	20.632	ug/l	99
79) 2-Chlorotoluene	12.67	91	244273	21.208	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	311397	21.104	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	28209	20.774	ug/l	93
82) 4-Chlorotoluene	12.77	91	234027	20.393	ug/l	100
83) tert-Butylbenzene	12.99	119	263279	20.579	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	303626	20.884	ug/l	100
85) sec-Butylbenzene	13.17	105	348877	20.420	ug/l	99
86) p-Isopropyltoluene	13.29	119	305621	20.080	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	149835	20.420	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	141784	19.890	ug/l	99
89) n-Butylbenzene	13.61	91	241045	20.598	ug/l	99
90) Hexachloroethane	13.87	117	52430	19.731	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	151047	20.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15971	19.890	ug/l	98

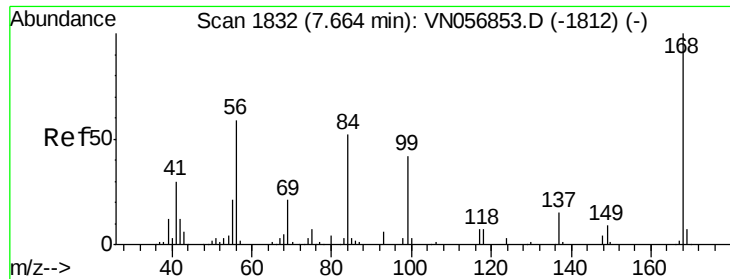
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
Data File : VN056872.D
Acq On : 23 Jul 2019 12:34
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Sample : VN0723WBS01
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Instrument :
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Quant Time: Jul 24 01:13:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	60168	18.055	ug/l	99
94) Hexachlorobutadiene	15.01	225	55074	20.874	ug/l	98
95) Naphthalene	15.13	128	155006	17.704	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	68430	18.541	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

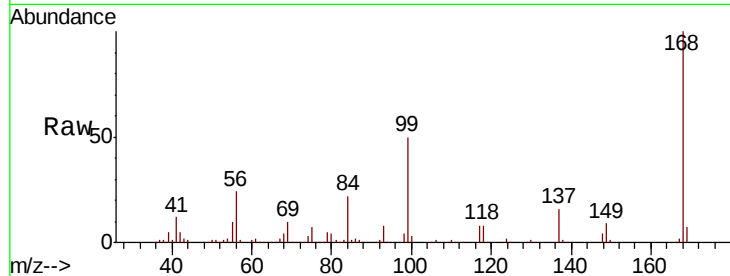
VN0723WBS01

Tot Ion:168 Resp: 385932

Ion Ratio Lower Upper

168 100

99 50.0 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): VN056853.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN056853.D (-1812) (-)

7.66

150000

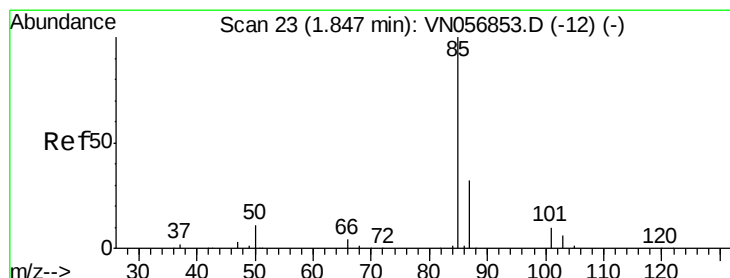
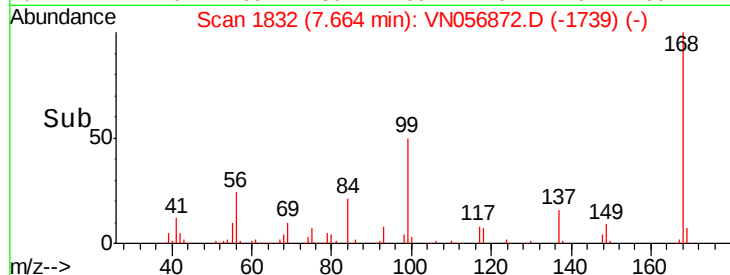
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.849 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056872.D

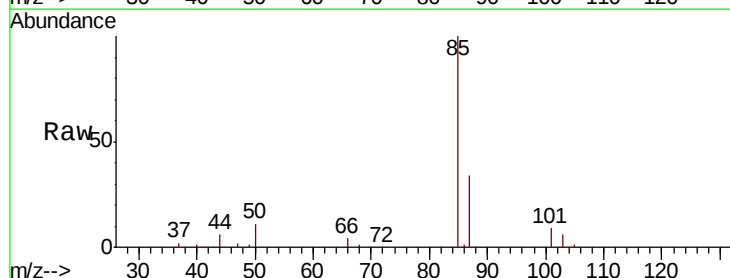
Acq: 23 Jul 2019 12:34

Tgt Ion: 85 Resp: 94916

Ion Ratio Lower Upper

85 100

87 33.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056853.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN056853.D (-12) (-)

1.85

60000

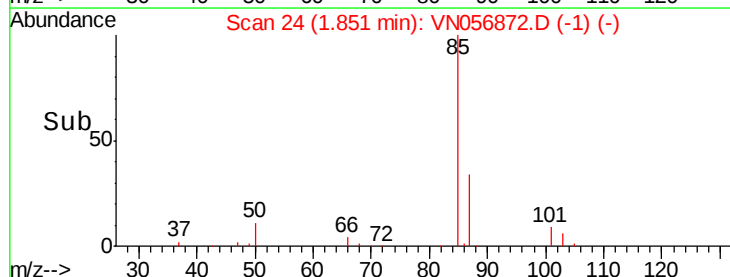
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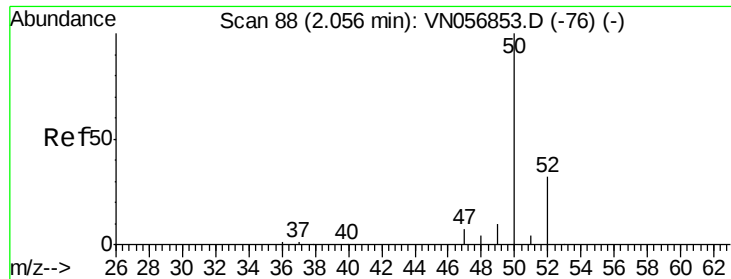
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.539 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

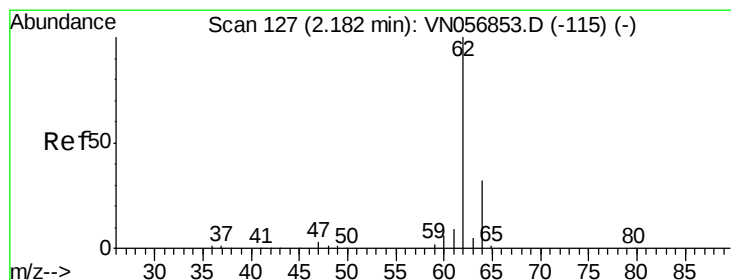
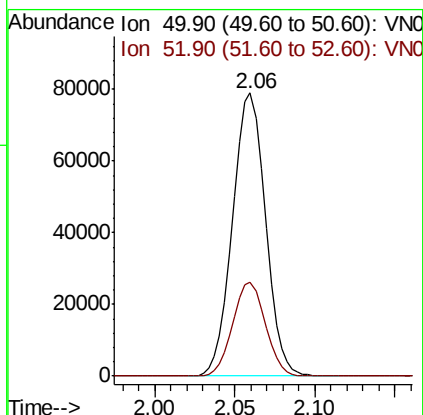
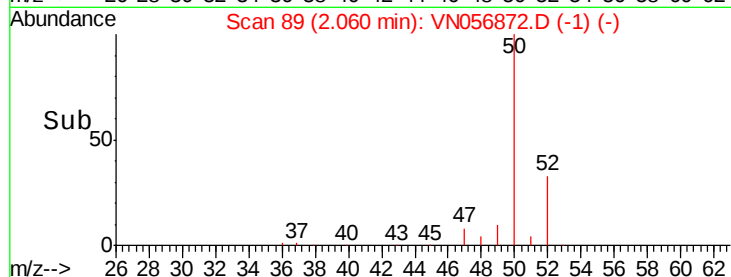
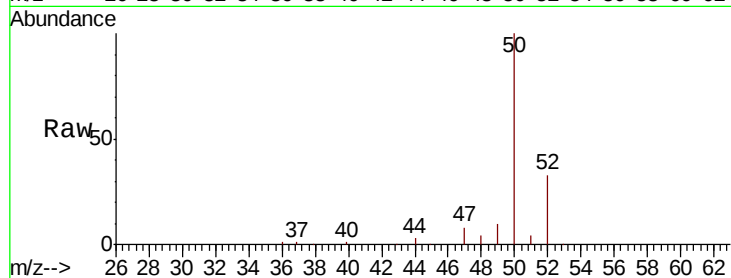
VN0723WBS01

Tot Ion: 50 Resp: 110628

Ion Ratio Lower Upper

50 100

52 33.4 25.9 38.9



#4

Vinyl Chloride

Concen: 20.225 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056872.D

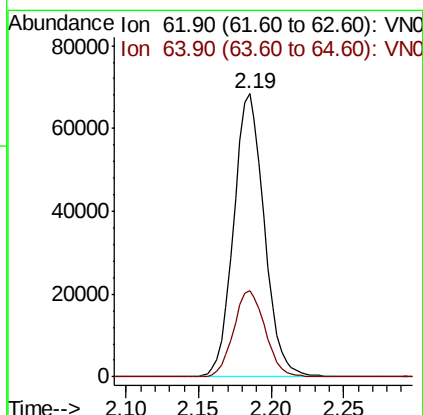
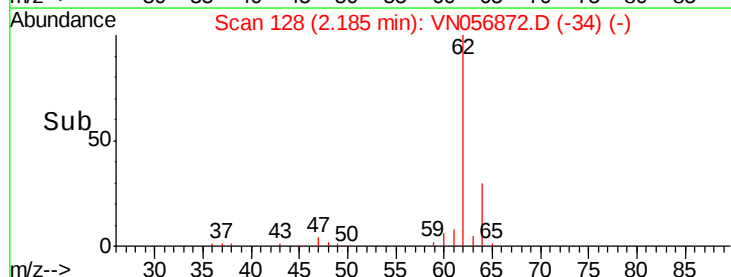
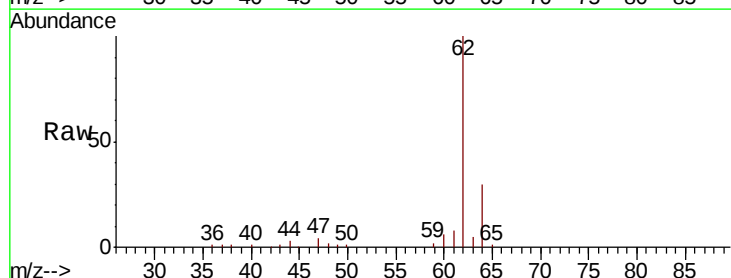
Acq: 23 Jul 2019 12:34

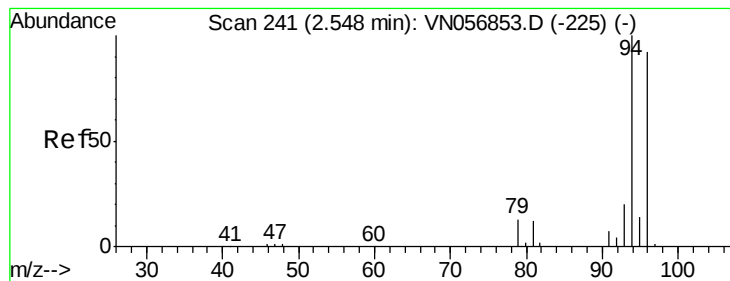
Tgt Ion: 62 Resp: 100076

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.2





#5

Bromomethane

Concen: 19.334 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

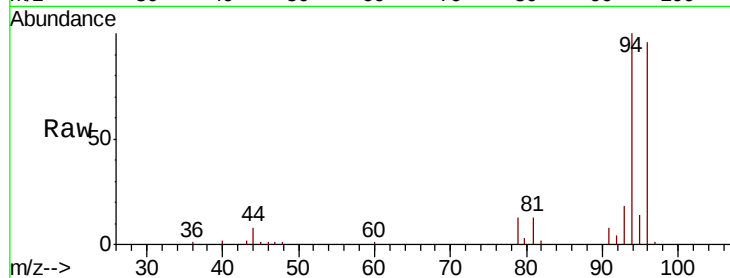
VN0723WBS01

Tot Ion: 94 Resp: 58190

Ion Ratio Lower Upper

94 100

96 96.1 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

30000

25000

20000

15000

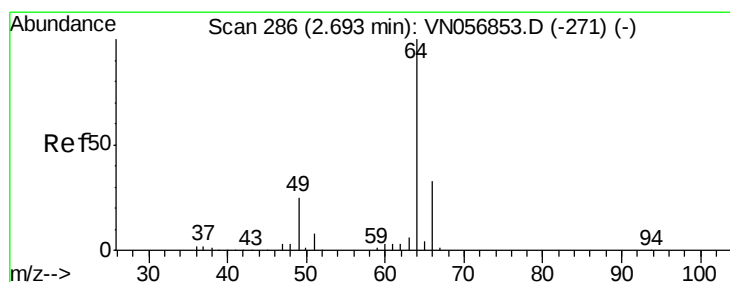
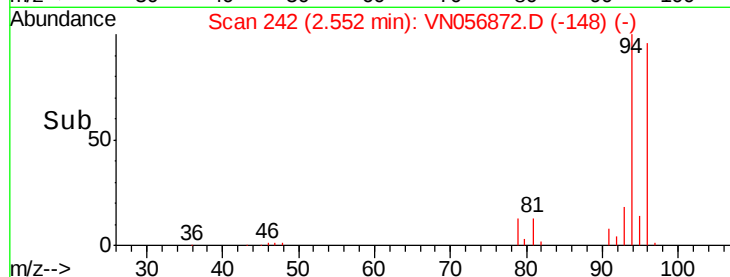
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 20.511 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.00 min

Lab File: VN056872.D

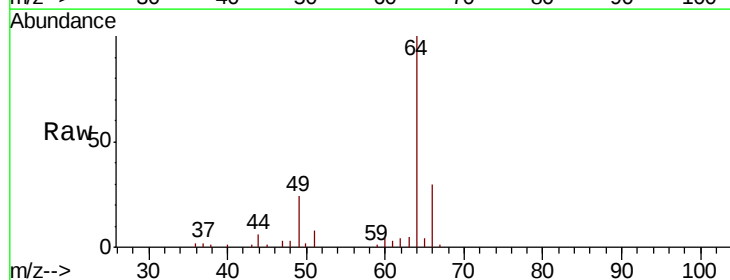
Acq: 23 Jul 2019 12:34

Tgt Ion: 64 Resp: 55617

Ion Ratio Lower Upper

64 100

66 30.3 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

30000

25000

20000

15000

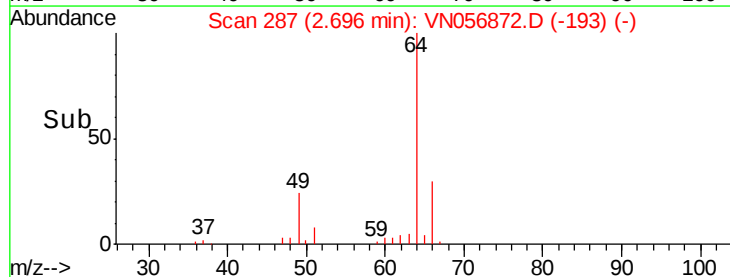
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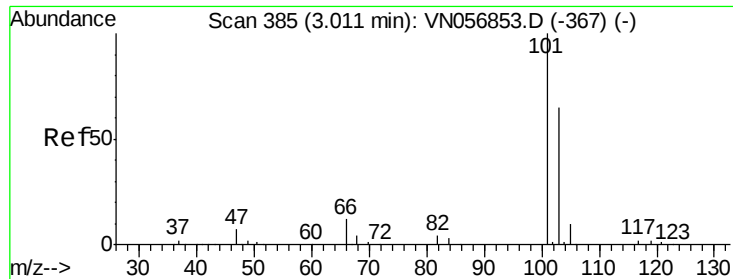
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0

Time-->

2.60 2.65 2.70 2.75 2.80



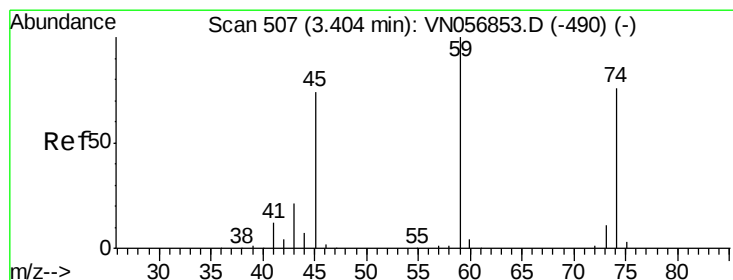
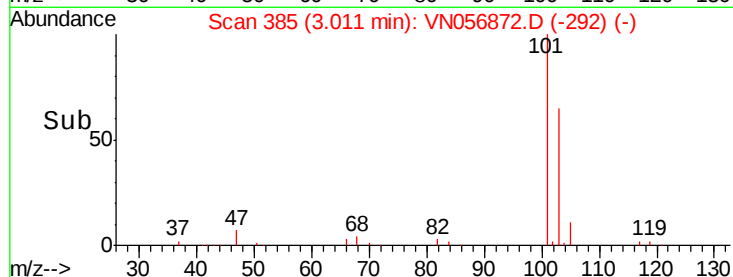
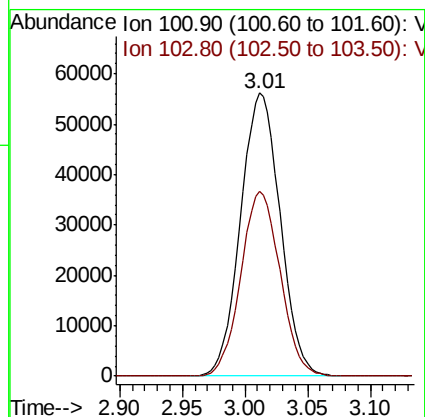
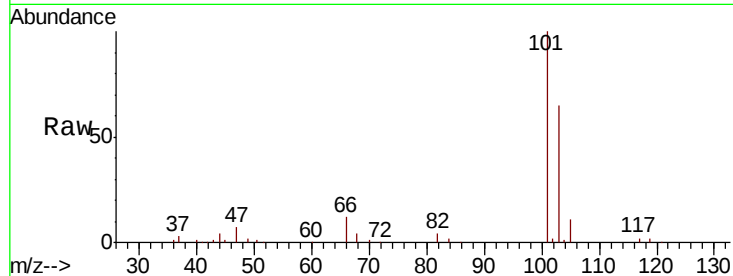


#7

Trichlorofluoromethane
Concen: 20.473 ug/l
RT: 3.01 min Scan# 385
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

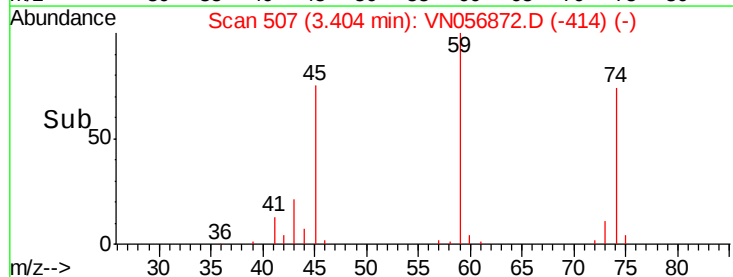
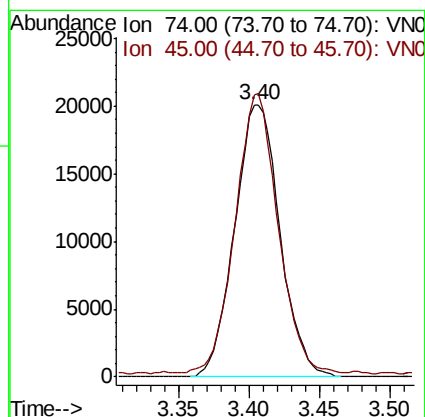
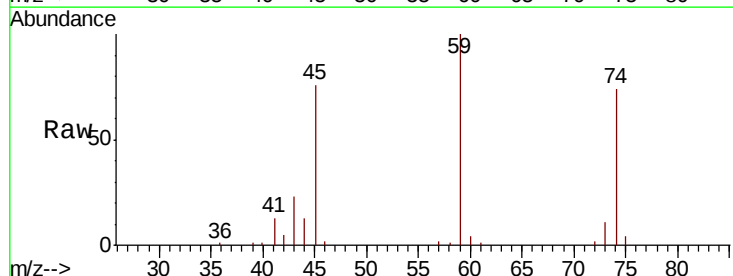
Tot Ion:101 Resp: 123756
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5

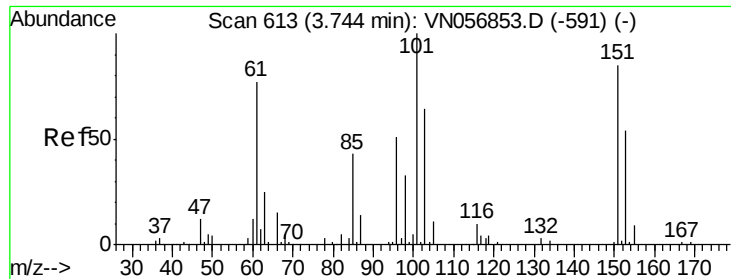


#8

Diethyl Ether
Concen: 20.017 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 74 Resp: 45085
Ion Ratio Lower Upper
74 100
45 97.0 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.983 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

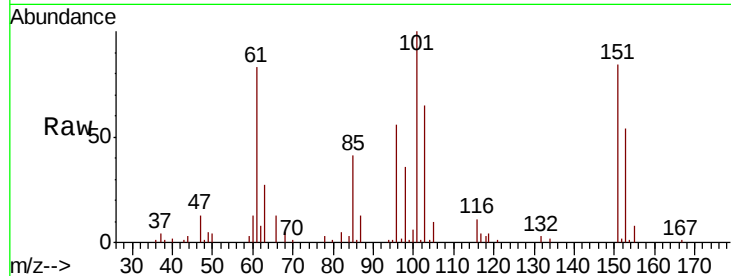
Tot Ion:101 Resp: 78445

Ion Ratio Lower Upper

101 100

85 40.3 33.7 50.5

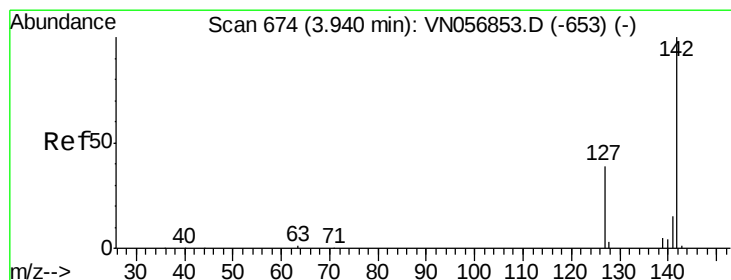
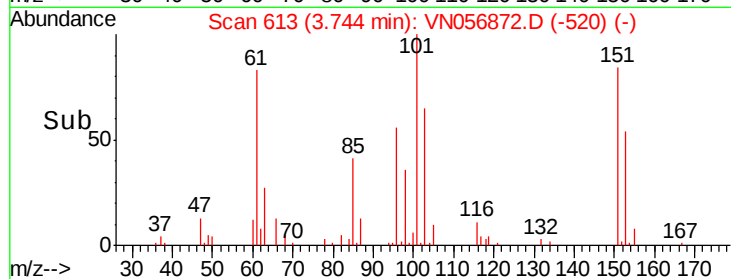
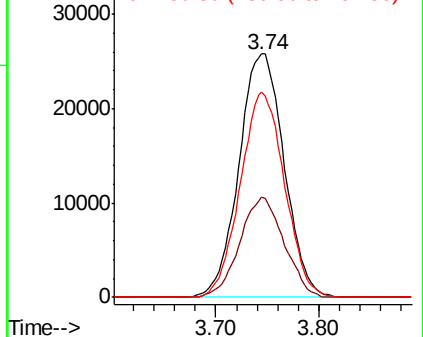
151 82.7 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.562 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

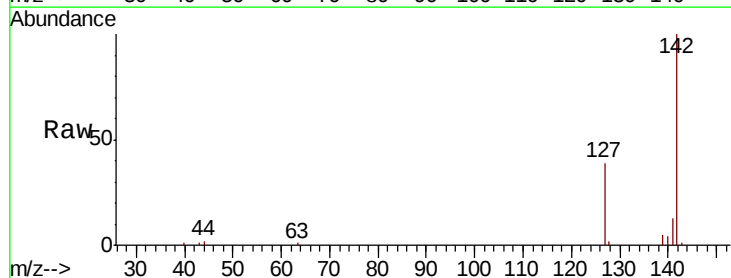
Tgt Ion:142 Resp: 97130

Ion Ratio Lower Upper

142 100

127 38.9 31.2 46.8

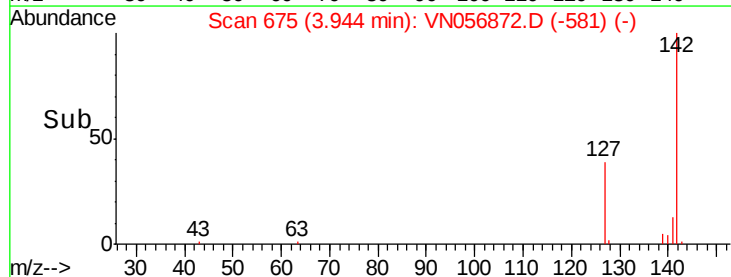
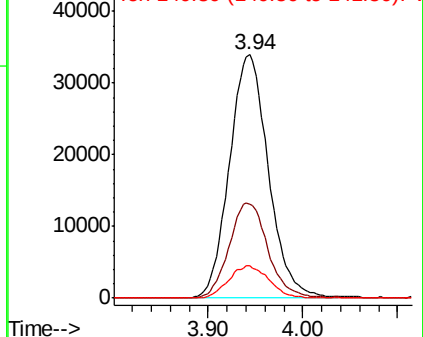
141 13.6 11.4 17.2

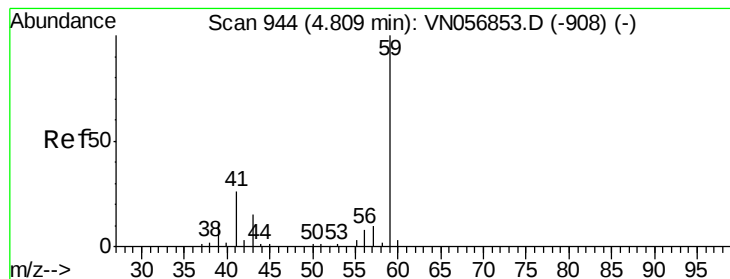


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



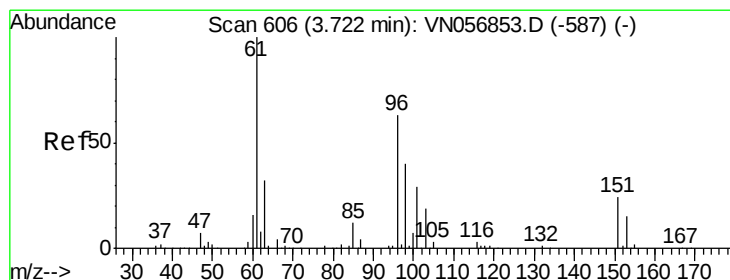
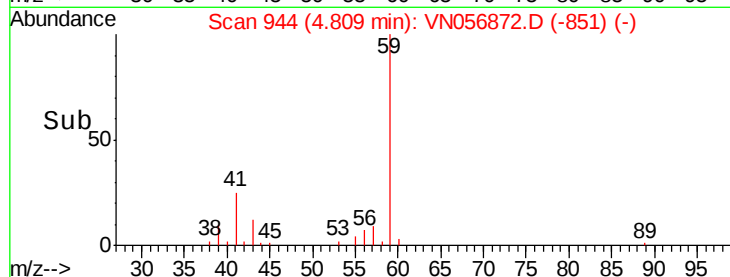
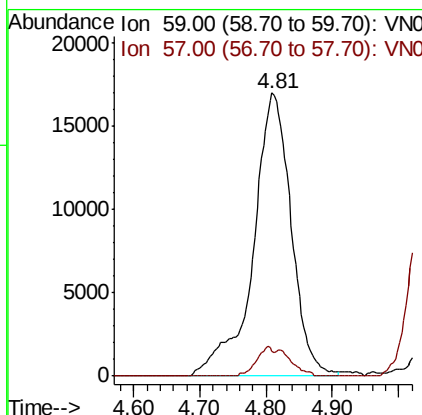
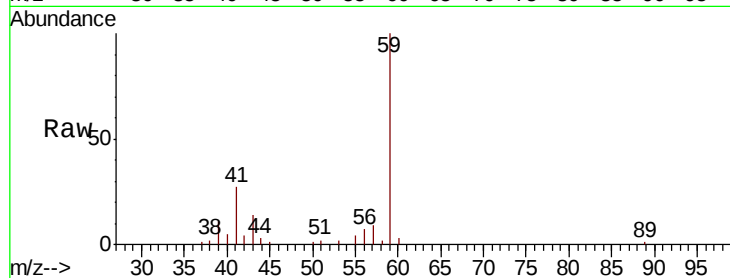


#11

Tert butyl alcohol
 Concen: 116.031 ug/l
 RT: 4.81 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: VN056872.D
 Acq: 23 Jul 2019 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

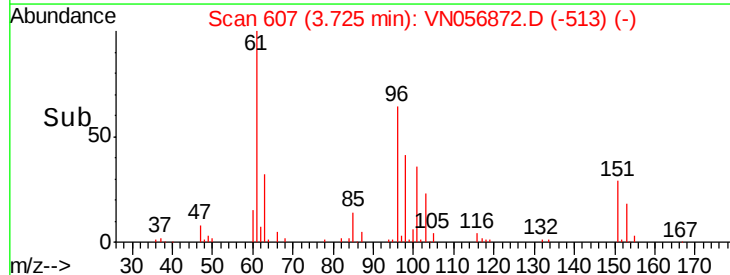
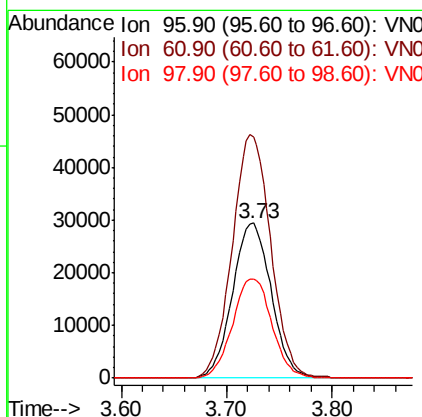
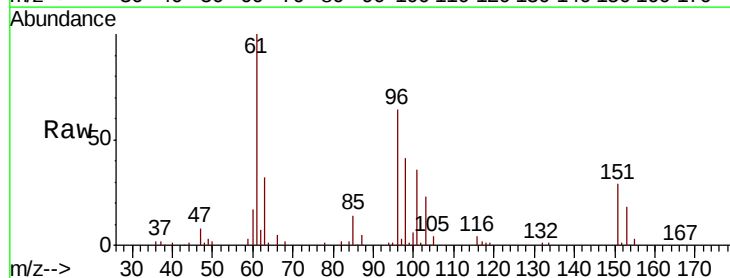
Tot Ion: 59 Resp: 67852
 Ion Ratio Lower Upper
 59 100
 57 4.6 8.2 12.4#

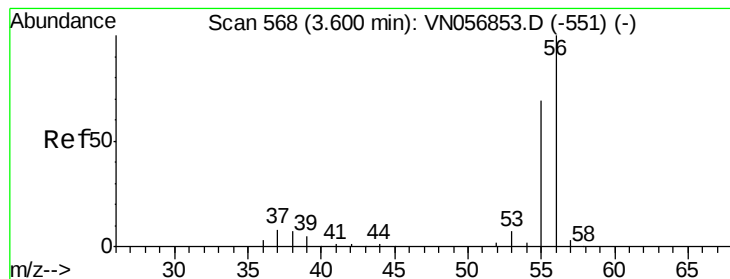


#12

1,1-Dichloroethene
 Concen: 20.028 ug/l
 RT: 3.73 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN056872.D
 Acq: 23 Jul 2019 12:34

Tgt Ion: 96 Resp: 75009
 Ion Ratio Lower Upper
 96 100
 61 155.5 126.3 189.5
 98 64.1 51.0 76.4





#13

Acrolein

Concen: 78.403 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampled :

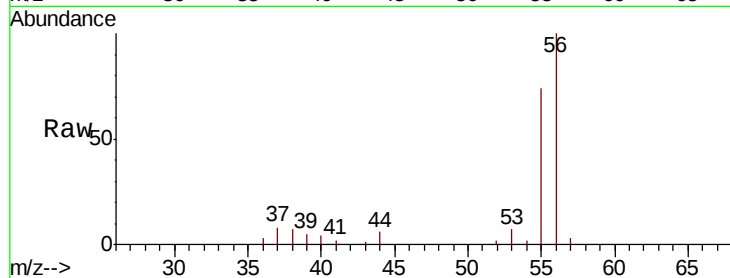
VN0723WBS01

Tot Ion: 56 Resp: 38148

Ion Ratio Lower Upper

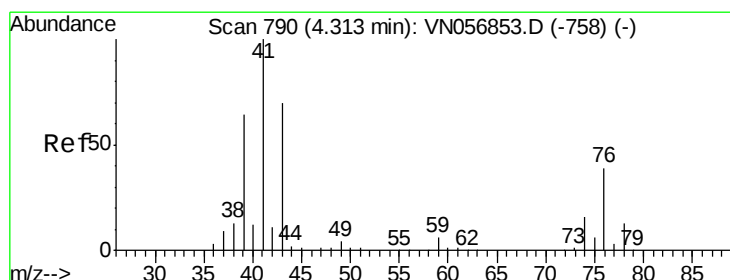
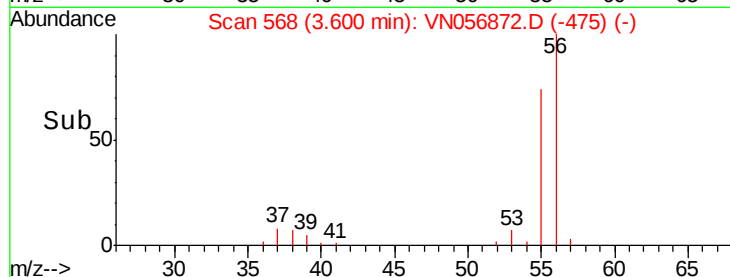
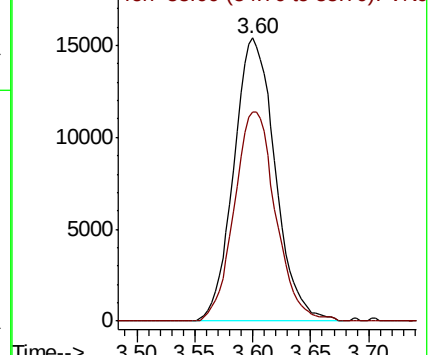
56 100

55 73.7 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.907 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

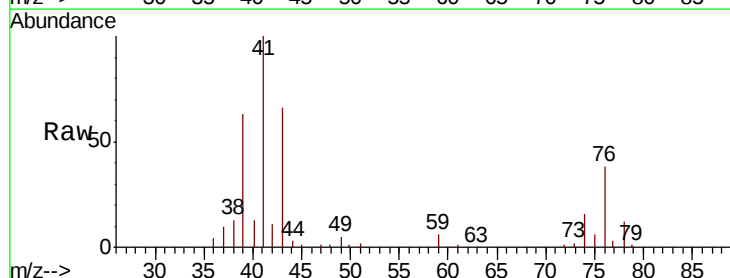
Tgt Ion: 41 Resp: 122571

Ion Ratio Lower Upper

41 100

39 60.2 47.8 71.6

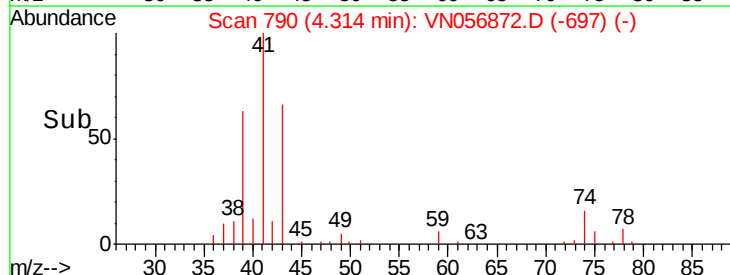
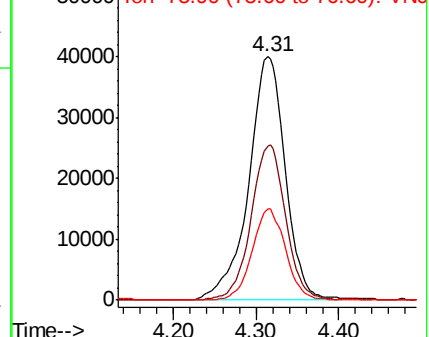
76 34.1 27.9 41.9

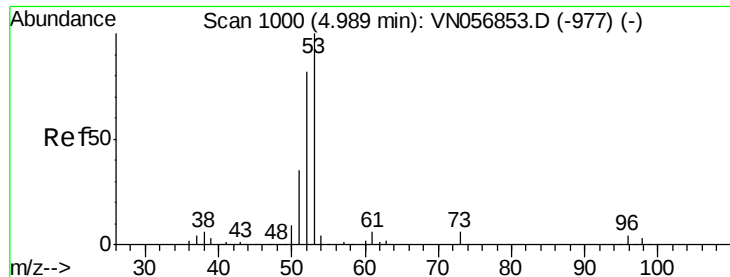


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 105.623 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

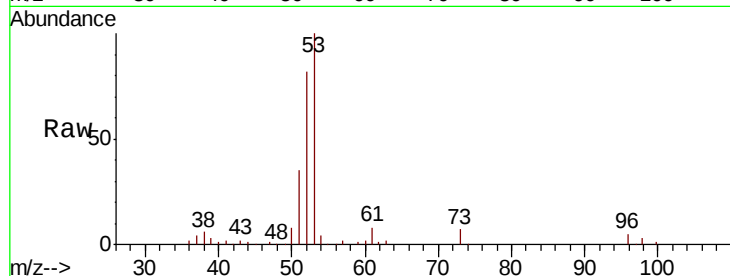
MSVOA_N

ClientSampleId :

VN0723WBS01

Tot Ion: 53 Resp: 185857

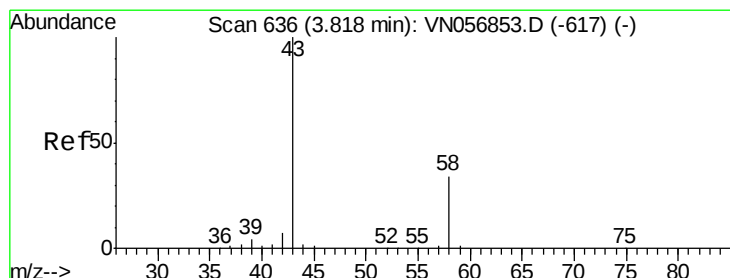
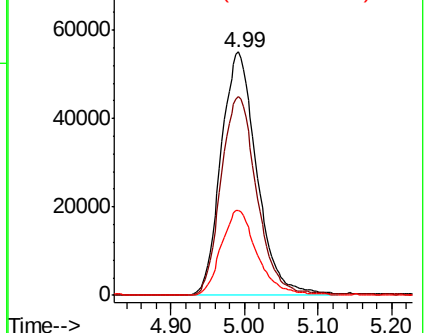
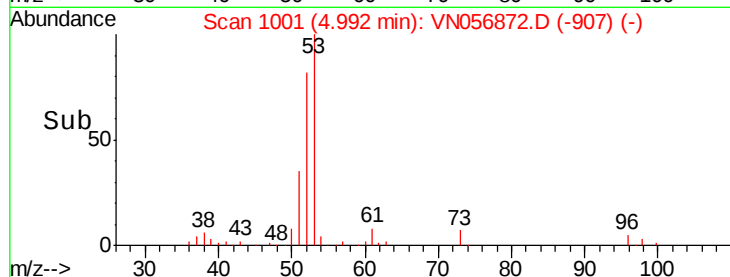
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.0	97.6
51	35.2	28.2	42.2



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 112.672 ug/l

RT: 3.82 min Scan# 637

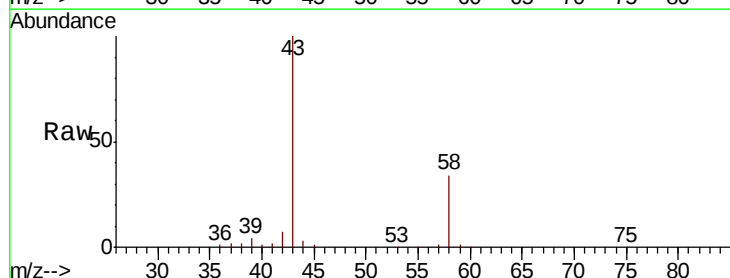
Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

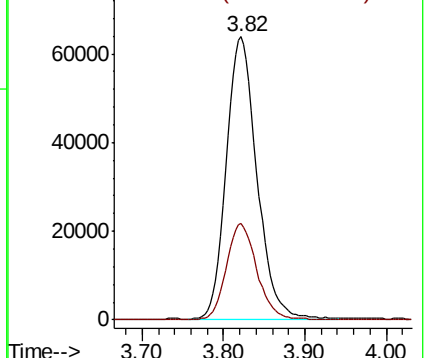
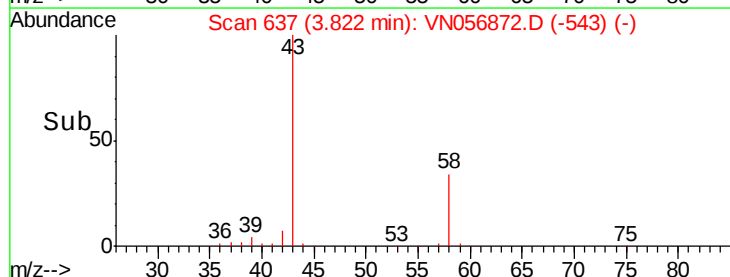
Tgt Ion: 43 Resp: 167025

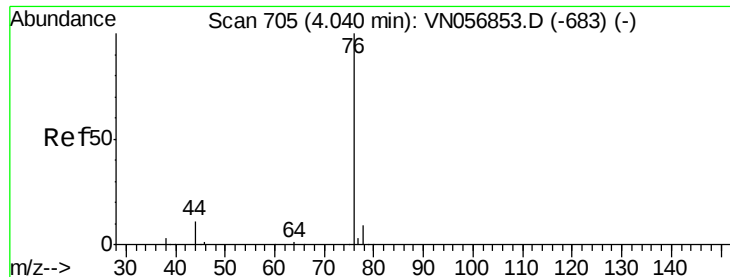
Ion	Ratio	Lower	Upper
43	100		
58	34.1	27.3	40.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

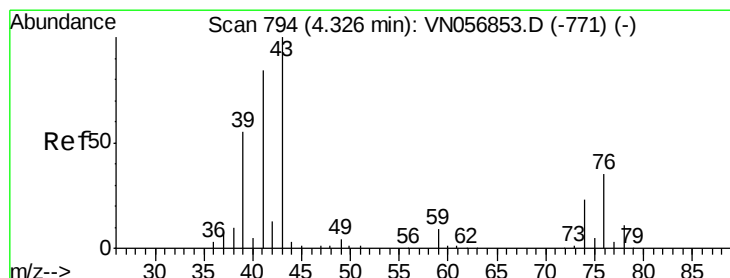
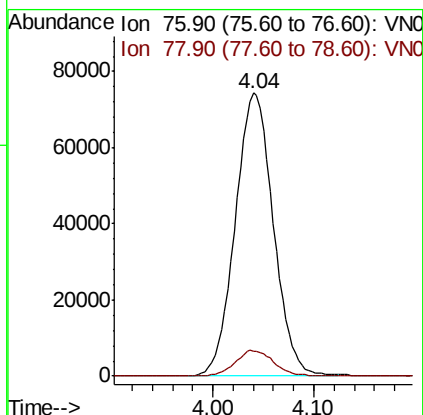
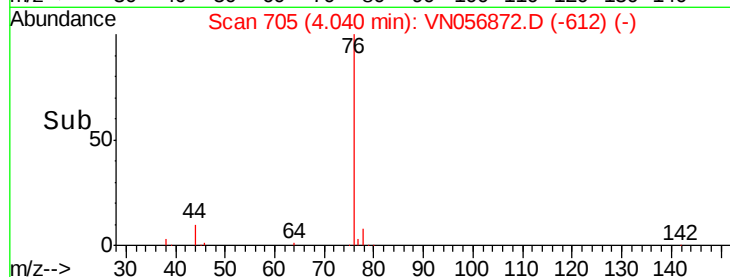
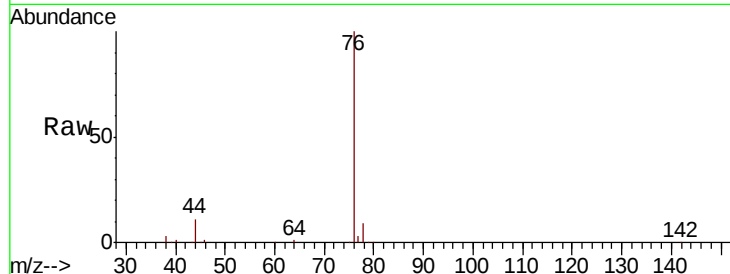




#17
Carbon Disulfide
Concen: 19.064 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

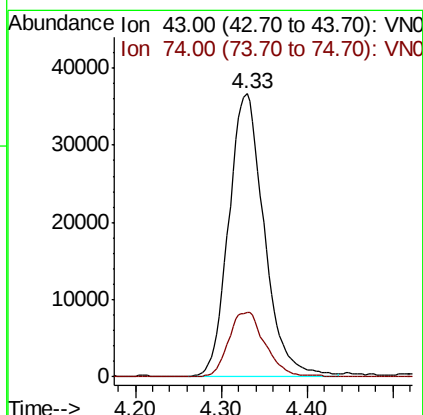
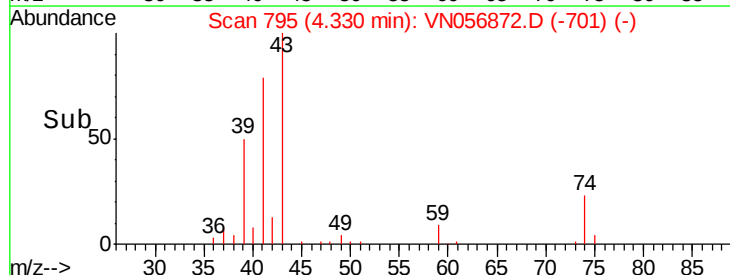
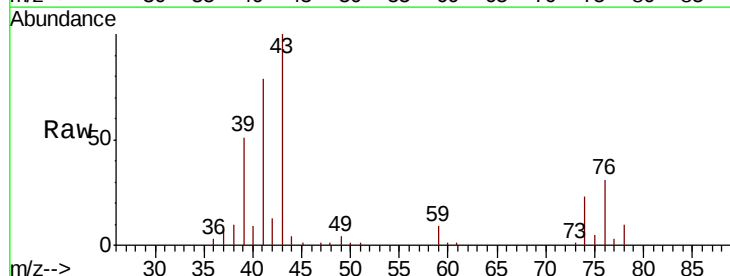
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

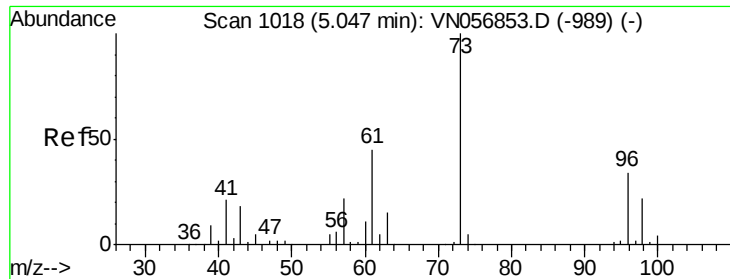
Tot Ion: 76 Resp: 194871
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 20.608 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 43 Resp: 105379
Ion Ratio Lower Upper
43 100
74 23.1 19.0 28.4

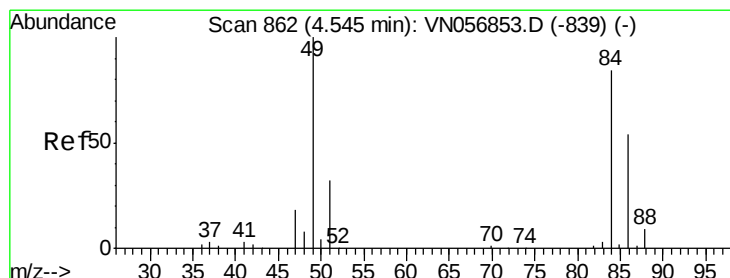
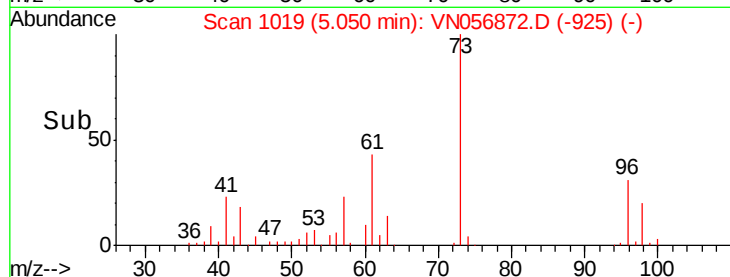
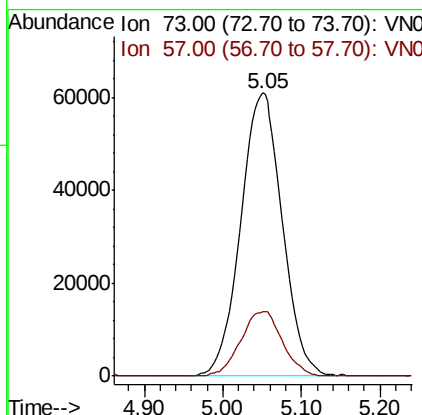
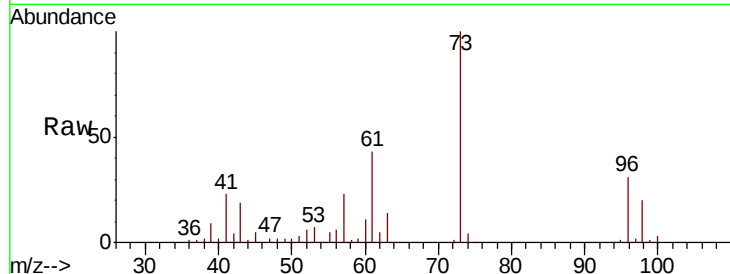




#19
Methvl tert-butvl Ether
Concen: 20.439 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

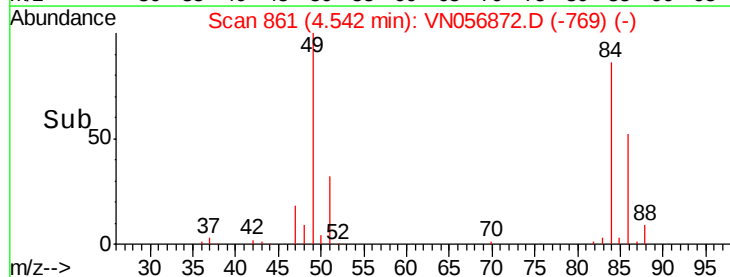
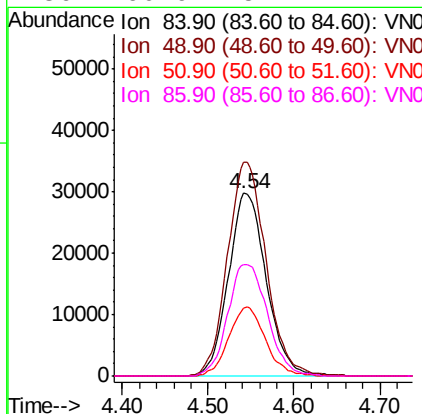
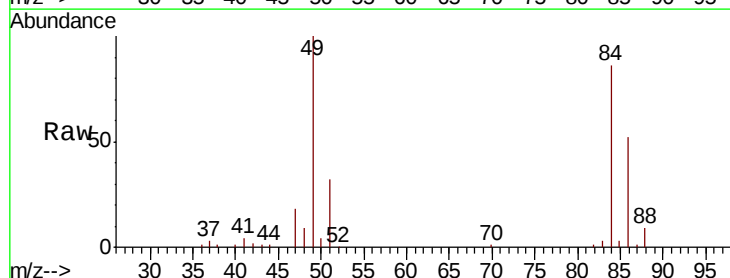
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

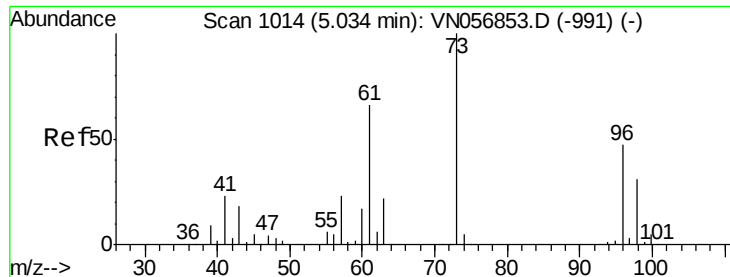
Tot Ion: 73 Resp: 226161
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0



#20
Methylene Chloride
Concen: 20.584 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 84 Resp: 91240
Ion Ratio Lower Upper
84 100
49 116.9 94.9 142.3
51 36.9 29.9 44.9
86 60.9 51.4 77.2

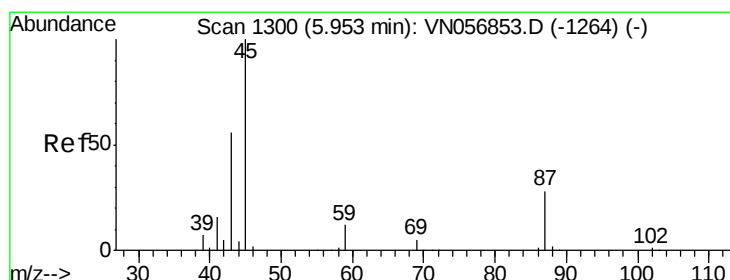
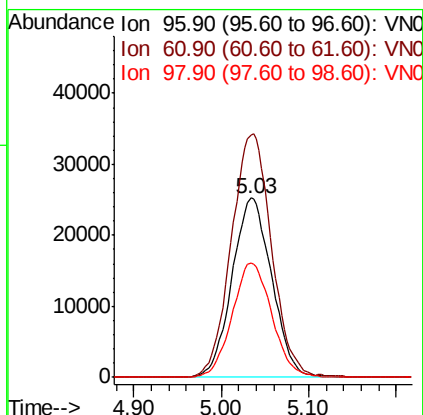
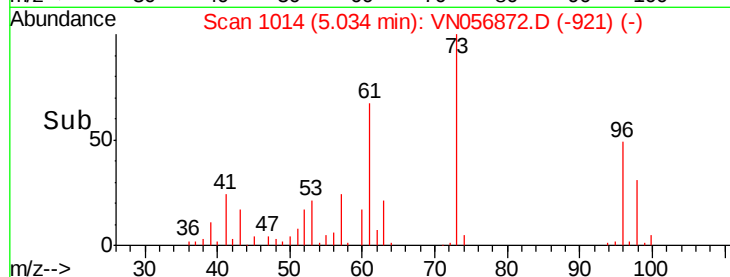
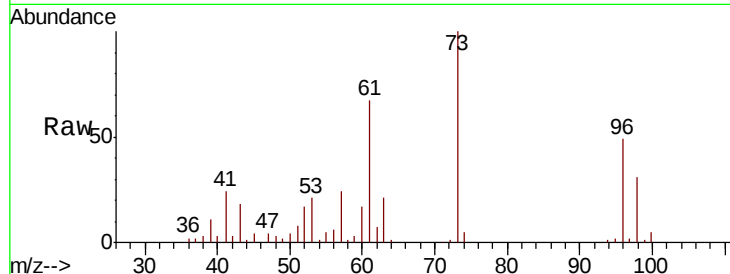




#21
trans-1,2-Dichloroethene
Concen: 20.316 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

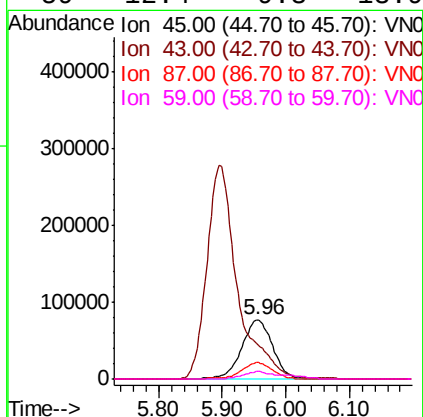
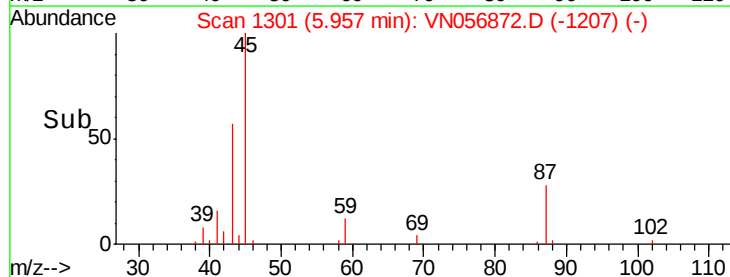
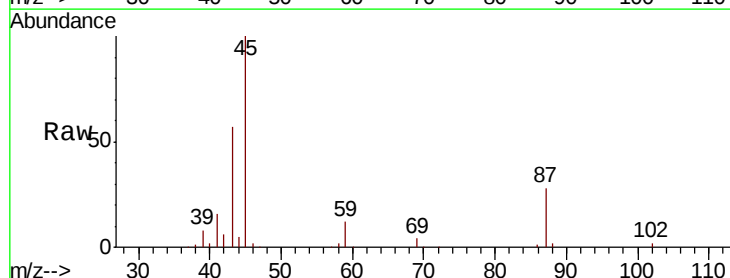
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

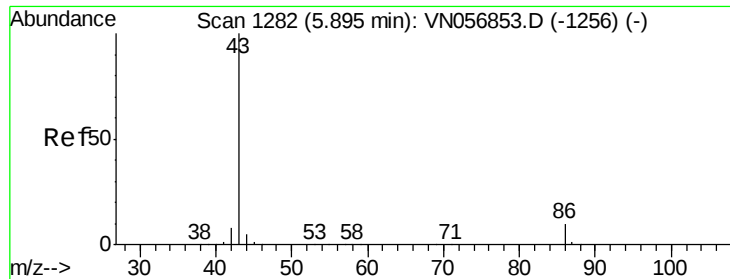
Tot Ion: 96 Resp: 79480
Ion Ratio Lower Upper
96 100
61 135.4 112.8 169.2
98 63.6 53.3 79.9



#22
Diisopropyl ether
Concen: 20.848 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 45 Resp: 259513
Ion Ratio Lower Upper
45 100
43 55.7 45.5 68.3
87 27.8 22.7 34.1
59 12.4 9.3 13.9





#23

Vinyl Acetate

Concen: 103.482 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

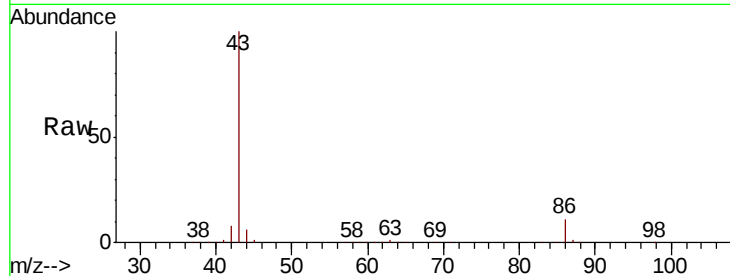
VN0723WBS01

Tot Ion: 43 Resp: 930492

Ion Ratio Lower Upper

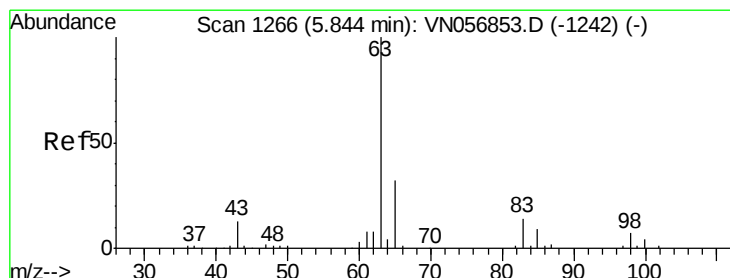
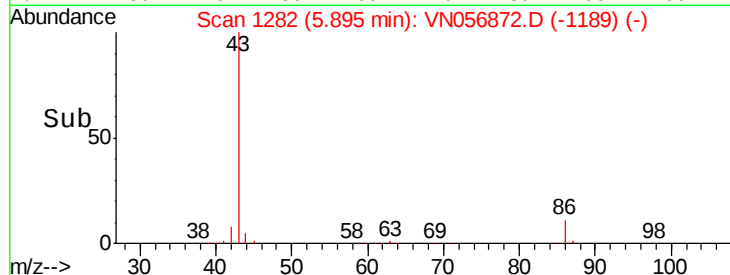
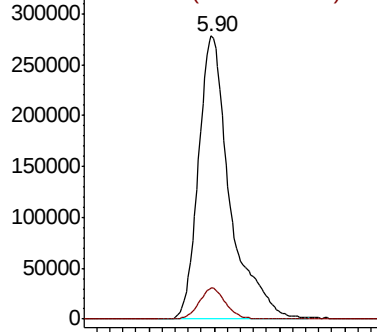
43 100

86 11.0 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.368 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

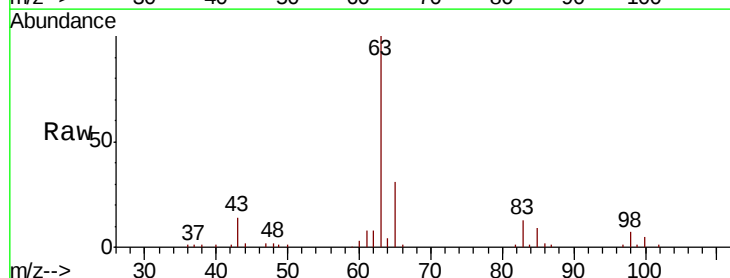
Tgt Ion: 63 Resp: 146898

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

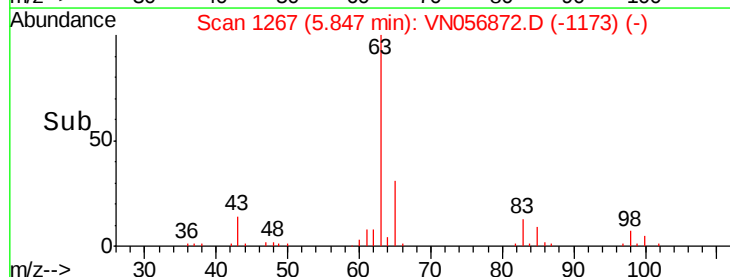
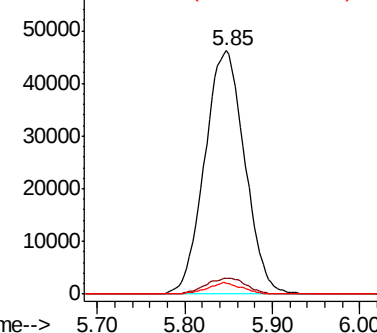
100 4.6 2.2 6.6

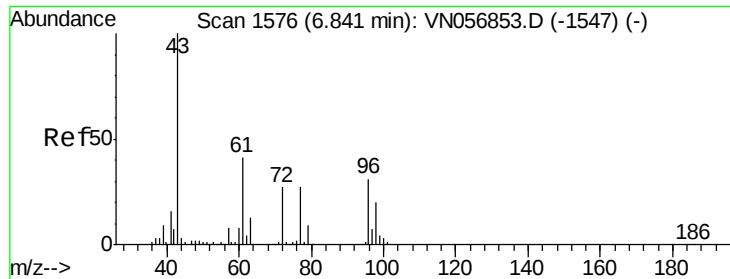


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

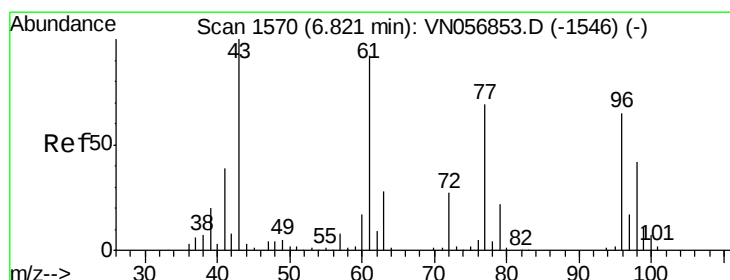
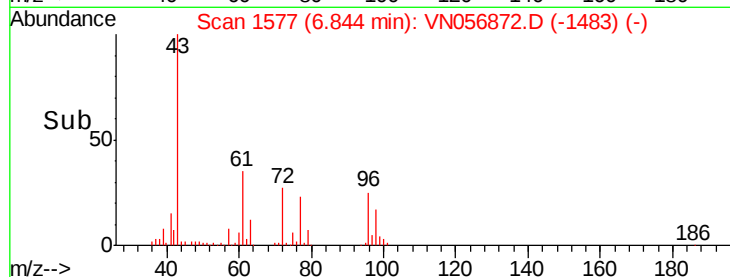
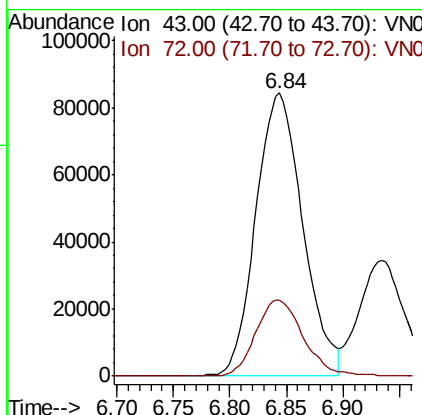
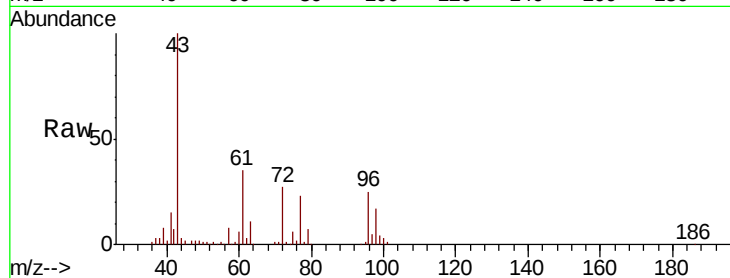




#25
2-Butanone
Concen: 110.919 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

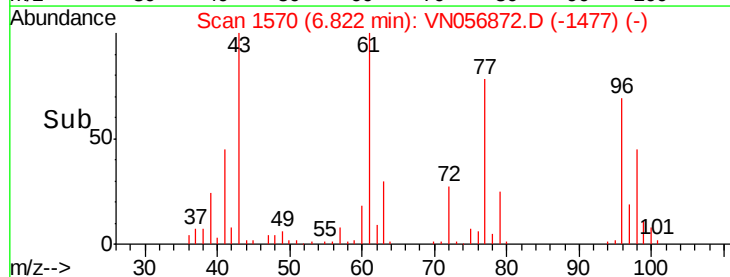
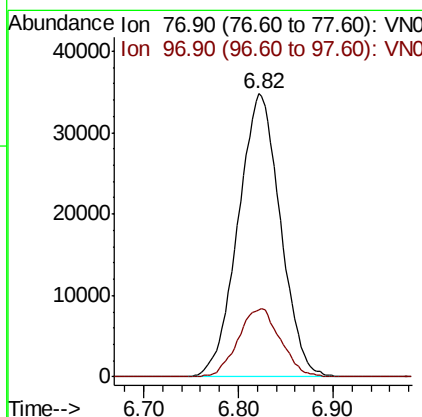
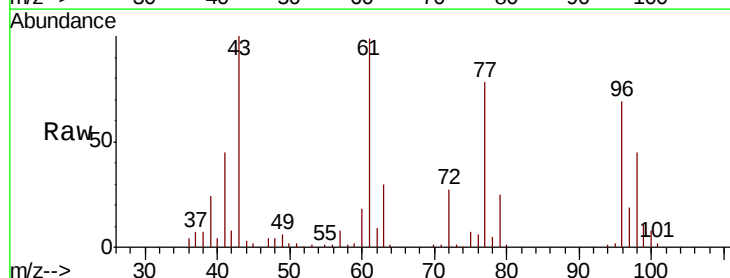
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

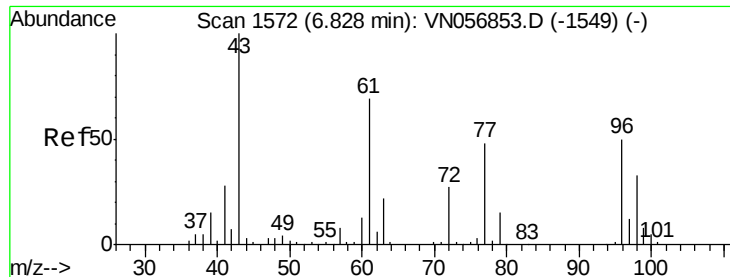
Tot Ion: 43 Resp: 241687
Ion Ratio Lower Upper
43 100
72 26.8 21.5 32.3



#26
2,2-Dichloropropane
Concen: 21.399 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 77 Resp: 107993
Ion Ratio Lower Upper
77 100
97 24.1 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 20.426 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampled :

VN0723WBS01

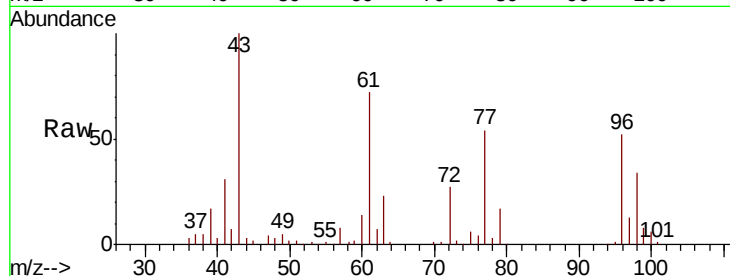
Tot Ion: 96 Resp: 91612

Ion Ratio Lower Upper

96 100

61 142.2 0.0 281.6

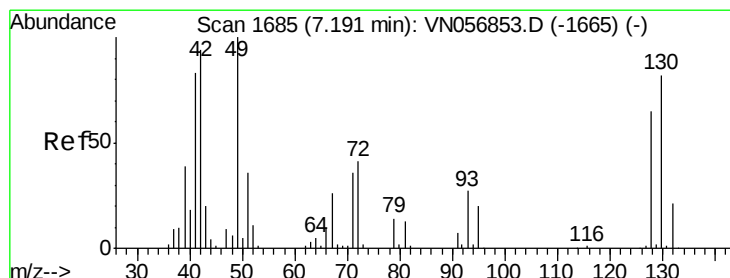
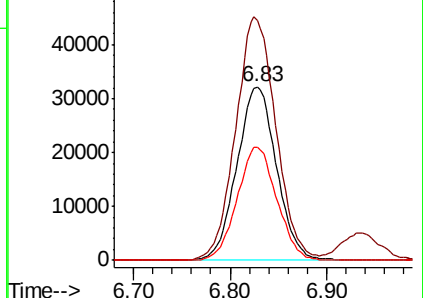
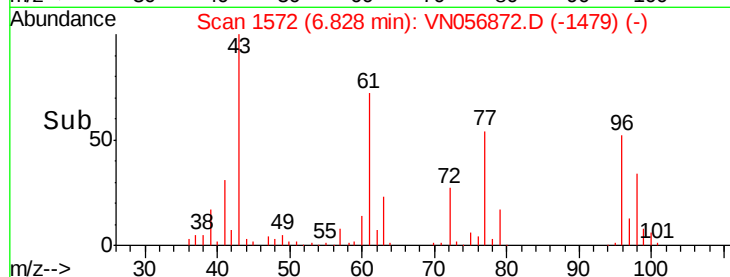
98 64.9 0.0 132.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.119 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

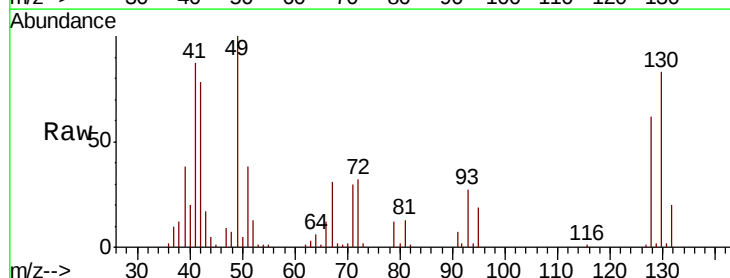
Tgt Ion: 49 Resp: 65863

Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

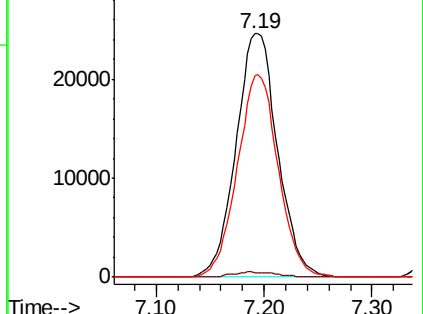
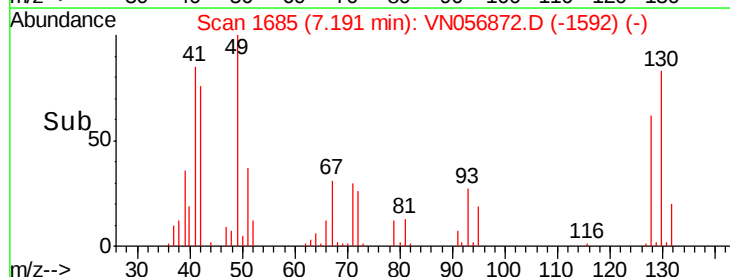
130 81.9 65.0 97.6

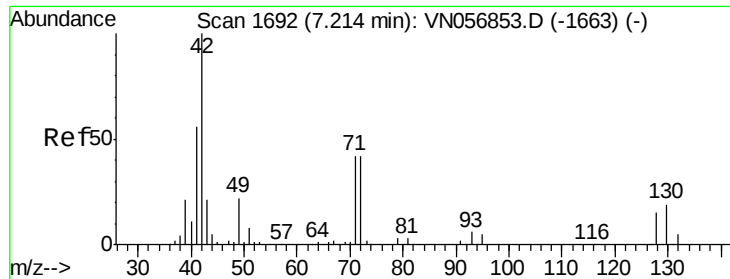


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

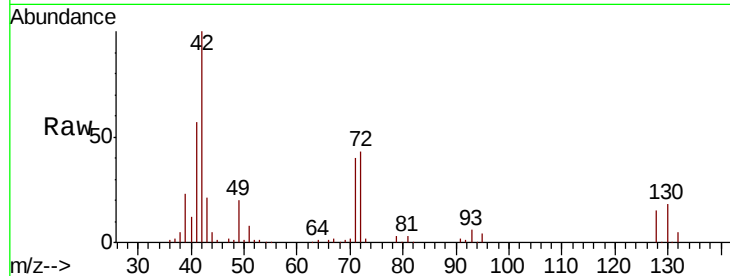




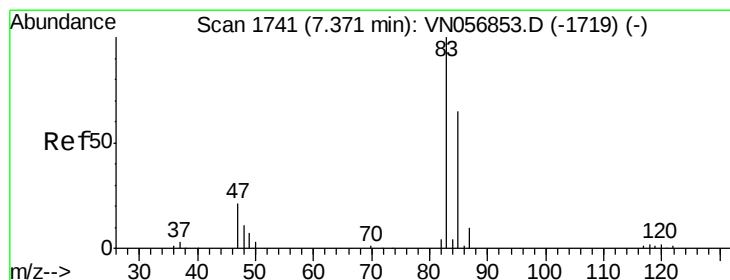
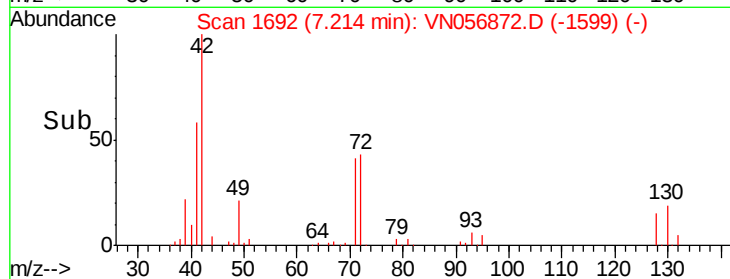
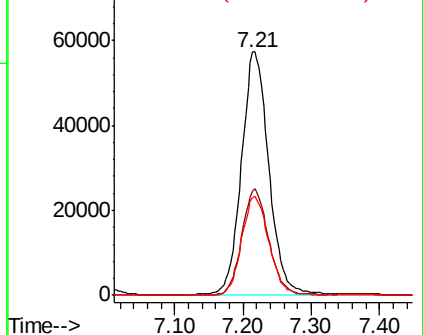
#29
Tetrahydrofuran
Concen: 107.509 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion: 42 Resp: 161060
Ion Ratio Lower Upper
42 100
72 42.7 34.2 51.2
71 40.3 32.7 49.1

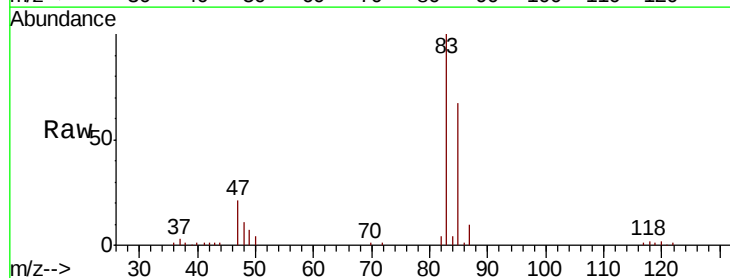


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

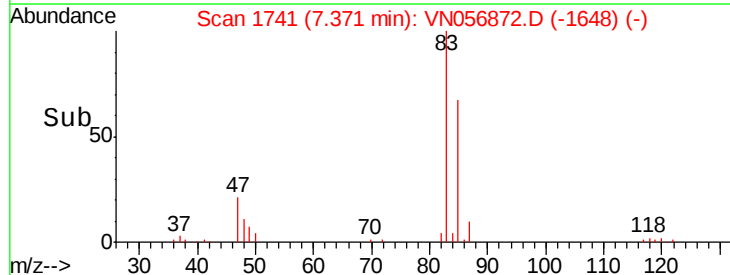
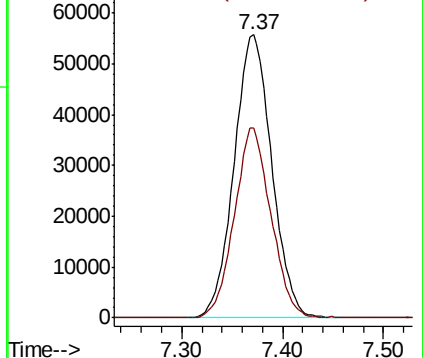


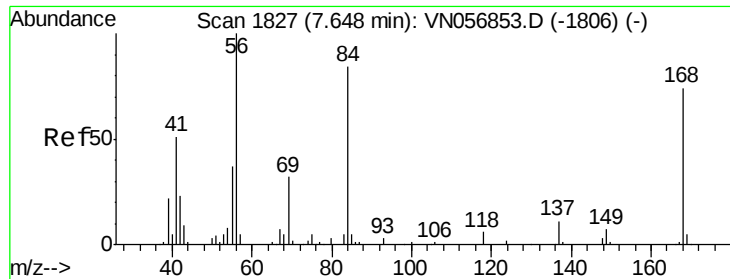
#30
Chloroform
Concen: 19.998 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 83 Resp: 144582
Ion Ratio Lower Upper
83 100
85 67.2 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

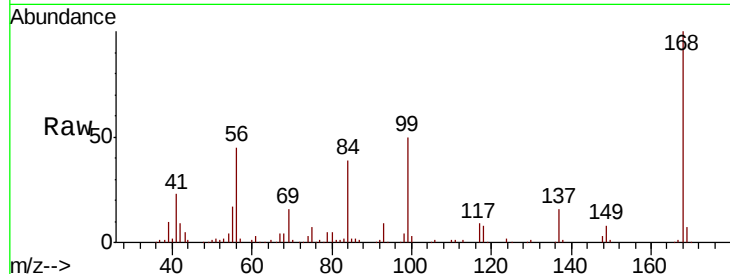




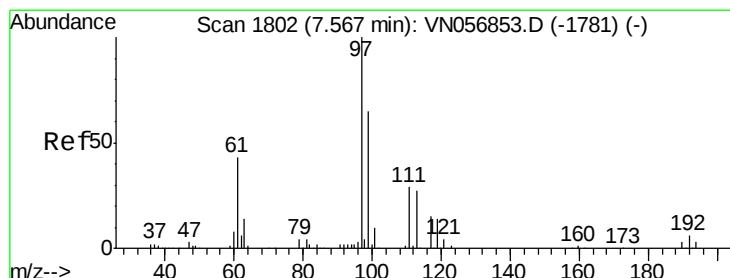
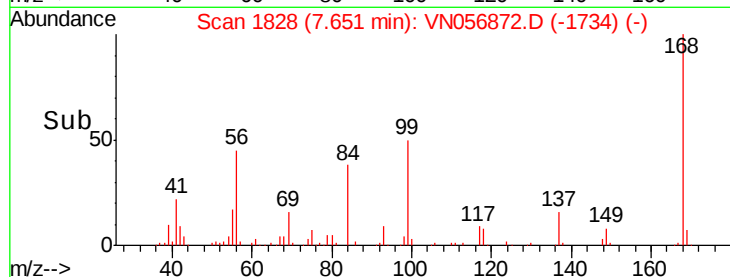
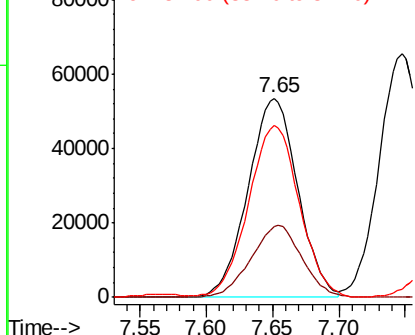
#31
Cyclohexane
Concen: 20.008 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion: 56 Resp: 139994
Ion Ratio Lower Upper
56 100
69 35.5 25.5 38.3
84 85.4 67.3 100.9

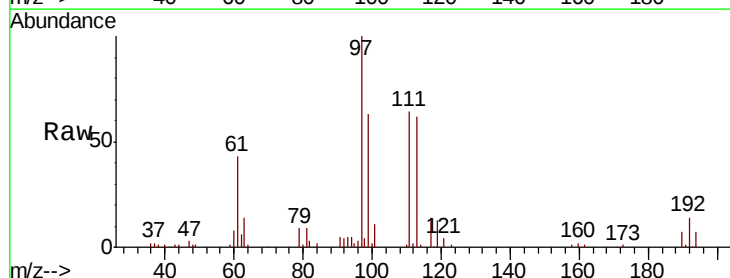


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

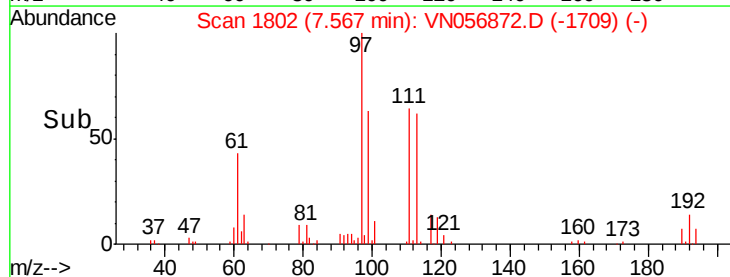
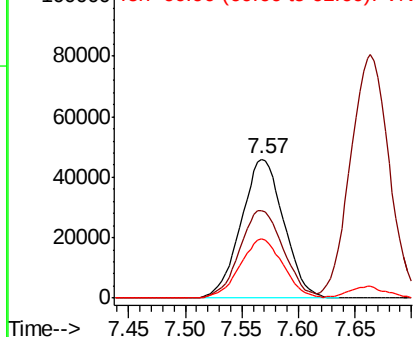


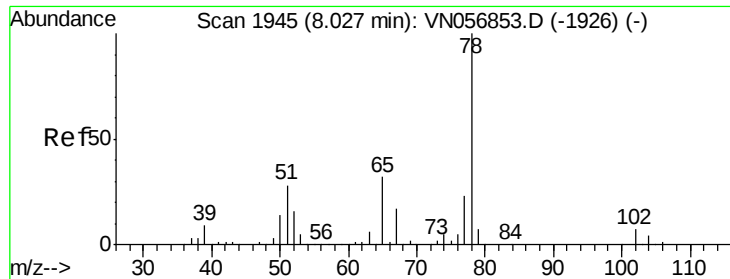
#32
1,1,1-Trichloroethane
Concen: 20.579 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 97 Resp: 120366
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 42.9 34.0 51.0



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

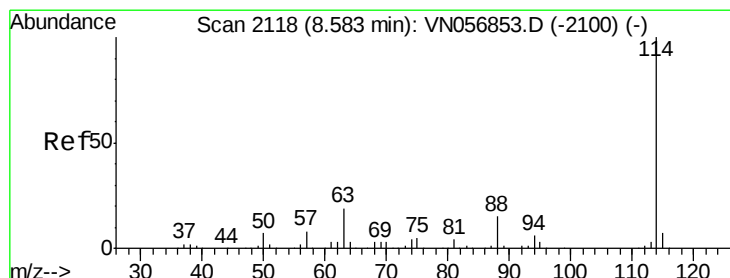
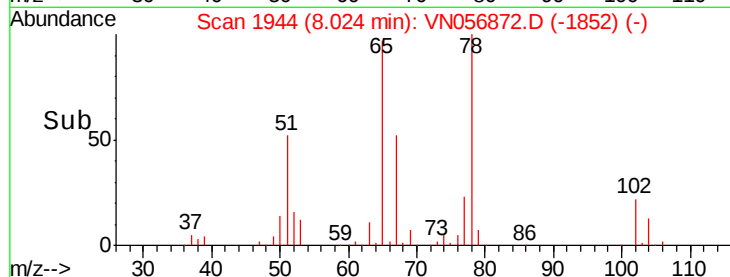
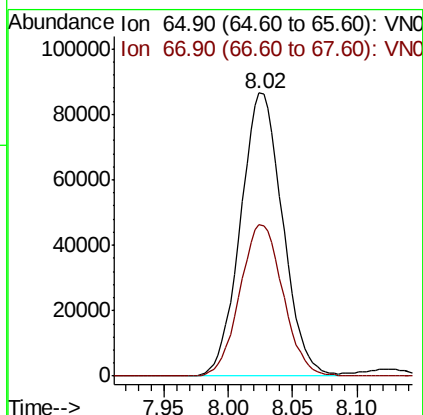
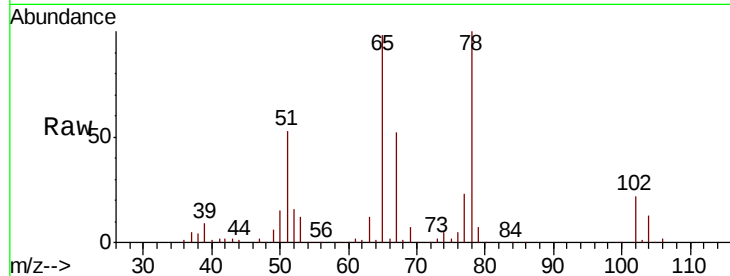




#33
 1,2-Dichloroethane-d4
 Concen: 47.932 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056872.D
 Acq: 23 Jul 2019 12:34

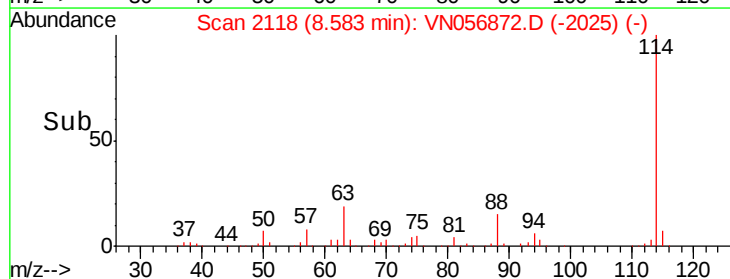
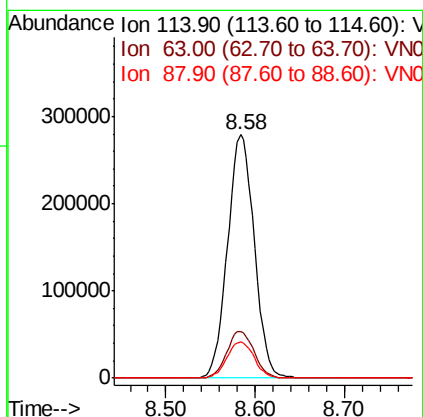
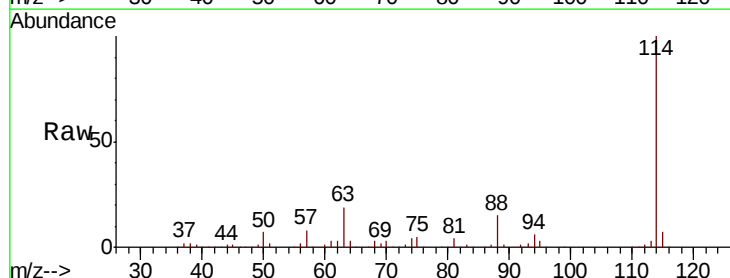
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

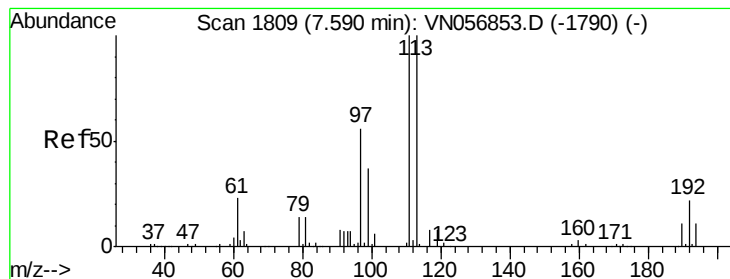
Tot Ion: 65 Resp: 197316
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056872.D
 Acq: 23 Jul 2019 12:34

Tgt Ion: 114 Resp: 579062
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.8
 88 14.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.200 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

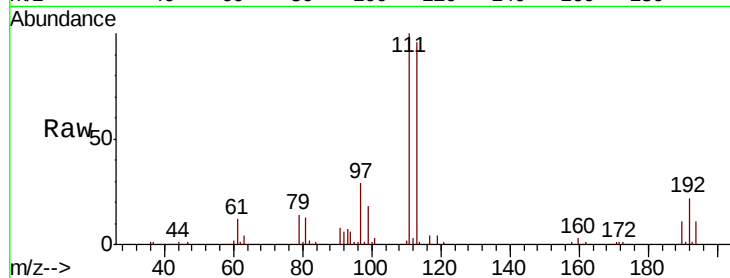
Tot Ion:113 Resp: 176910

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

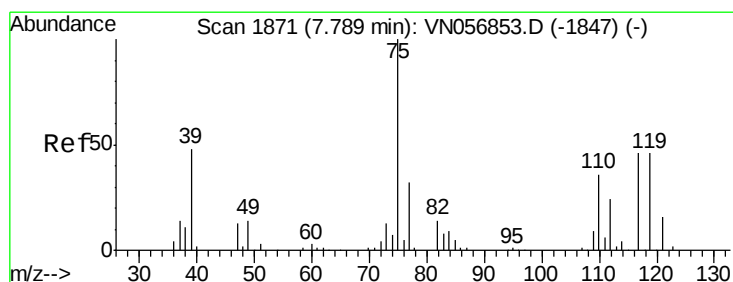
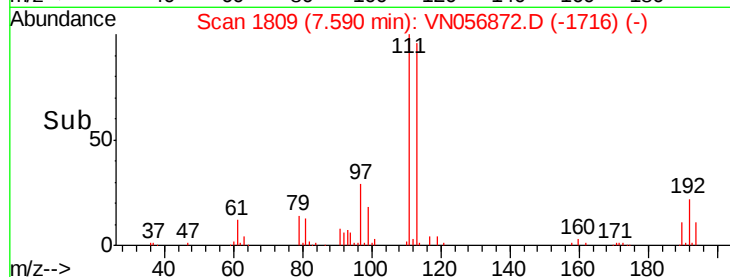
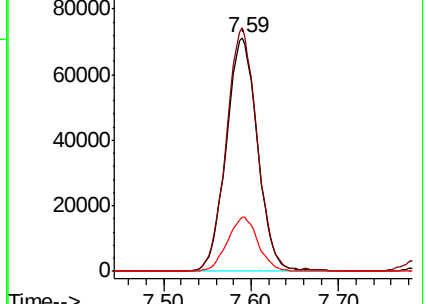
192 22.8 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.604 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

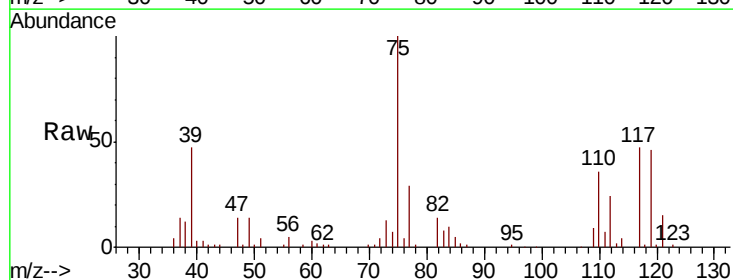
Tgt Ion: 75 Resp: 110027

Ion Ratio Lower Upper

75 100

110 36.2 17.9 53.7

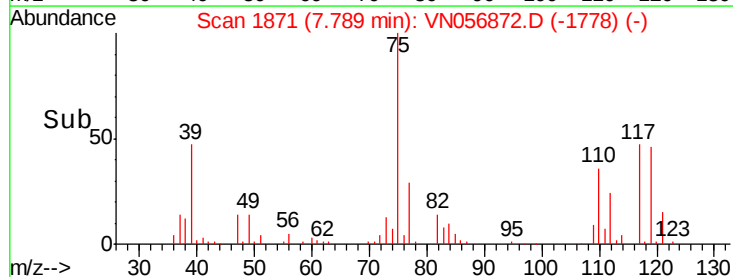
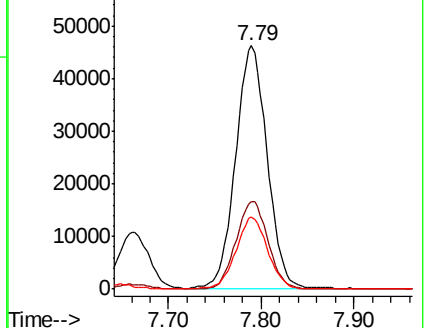
77 29.6 25.0 37.6

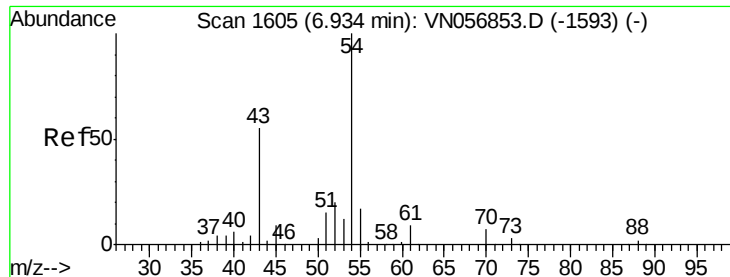


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

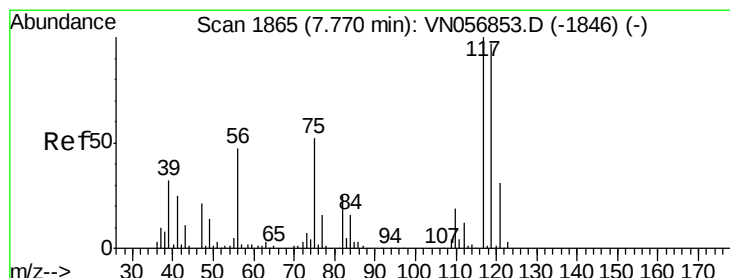
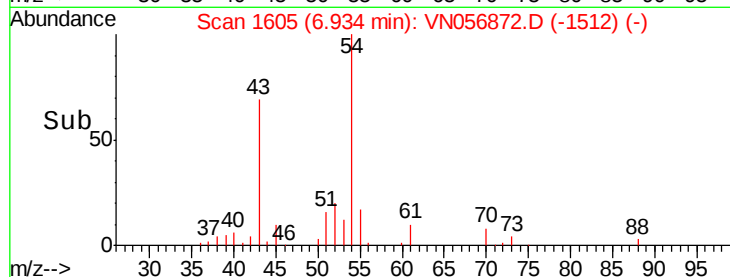
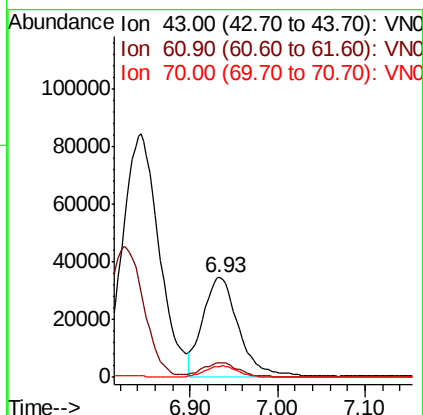
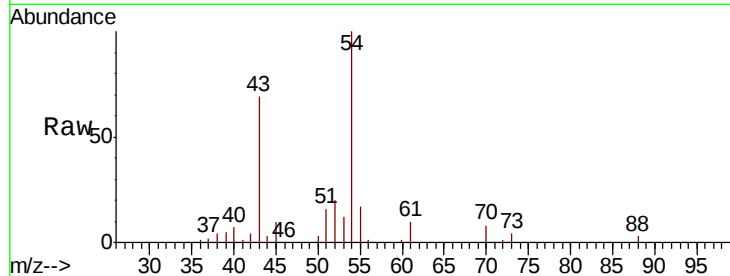




#37
Ethyl Acetate
Concen: 22.789 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

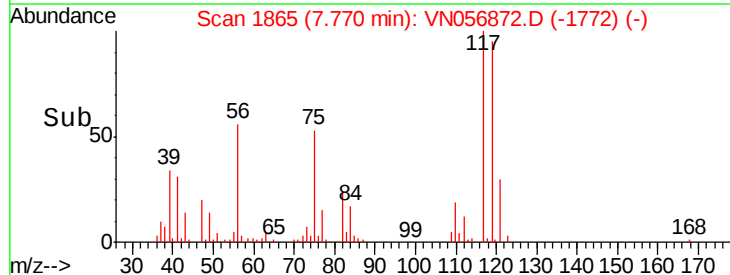
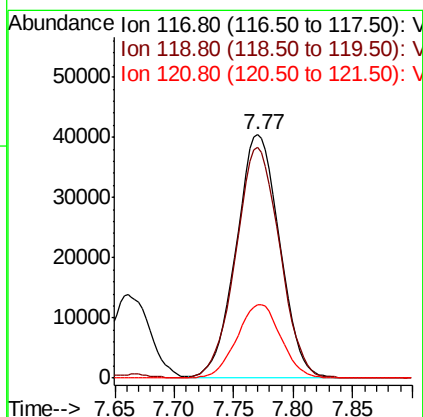
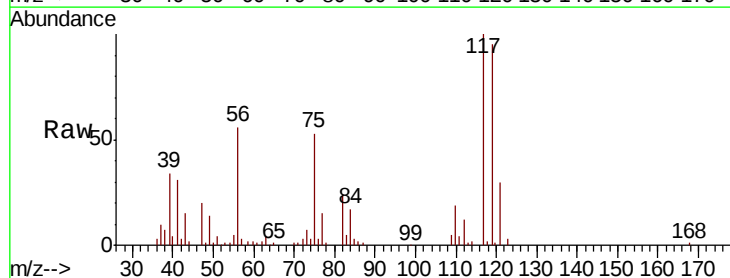
Instrument :
MSVOA_N
ClientSampled :
VN0723WBS01

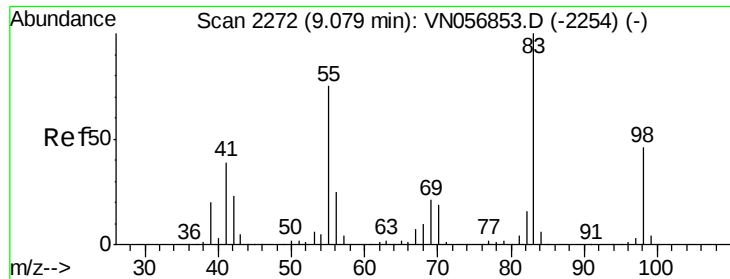
Tot Ion: 43 Resp: 98138
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.8
70 10.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.209 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 117 Resp: 102733
Ion Ratio Lower Upper
117 100
119 95.0 77.2 115.8
121 29.9 24.5 36.7

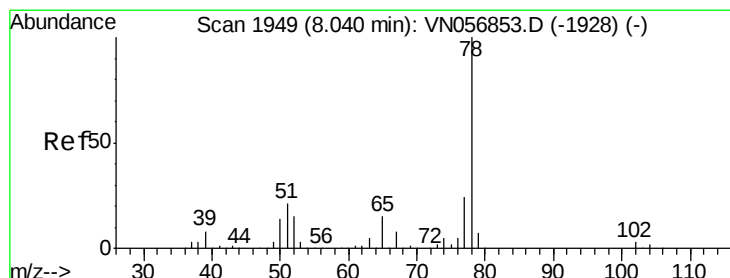
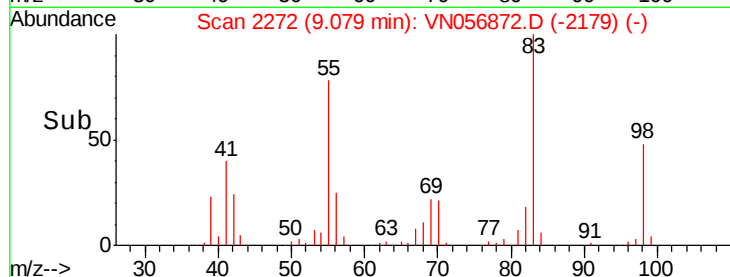
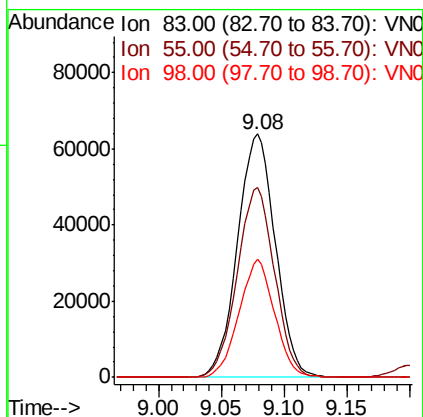
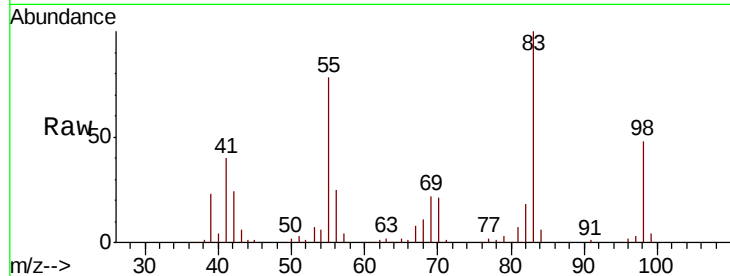




#39
Methvlcvclohexane
Concen: 20.069 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

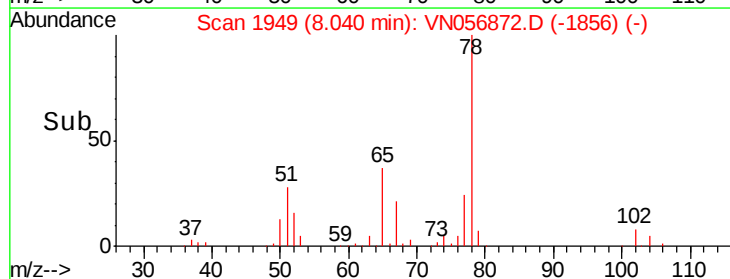
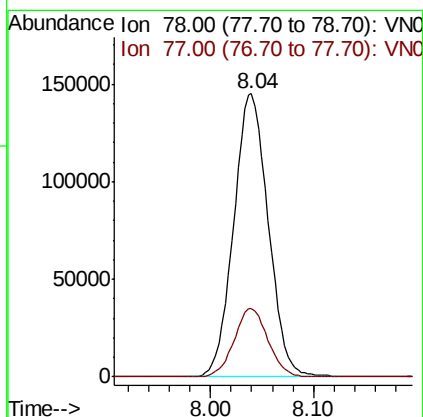
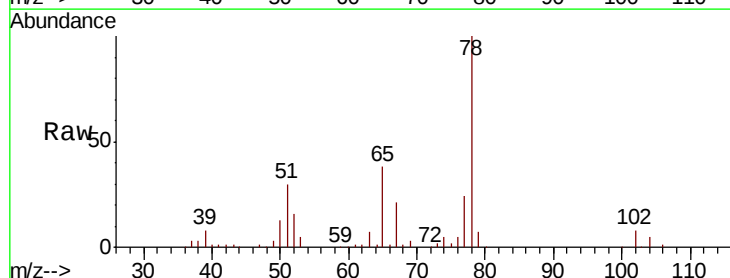
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

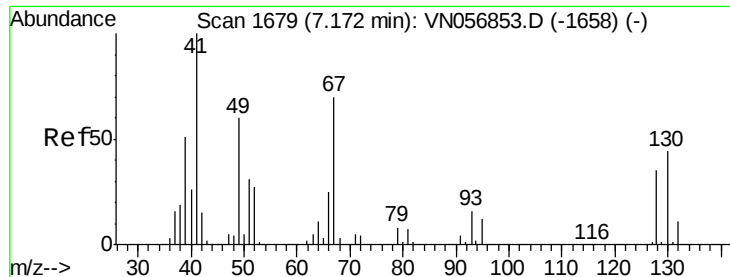
Tot Ion: 83 Resp: 134107
Ion Ratio Lower Upper
83 100
55 78.0 59.8 89.8
98 48.5 37.1 55.7



#40
Benzene
Concen: 20.390 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 78 Resp: 338224
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

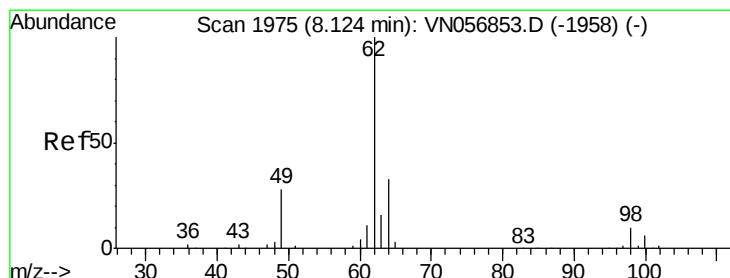
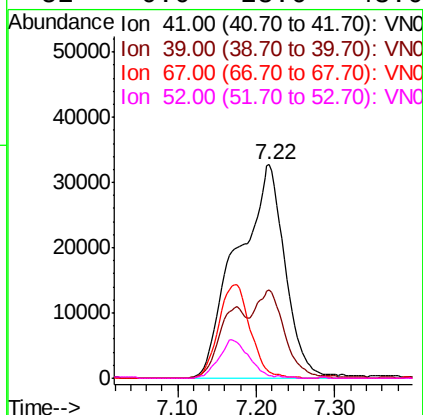
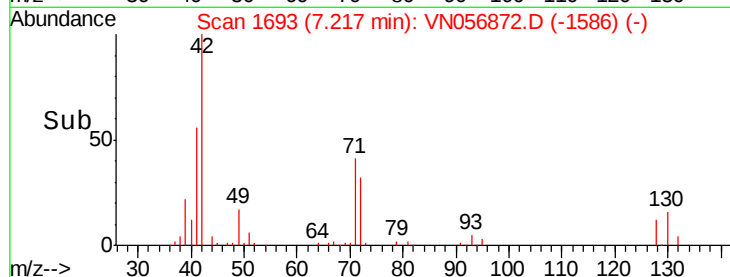
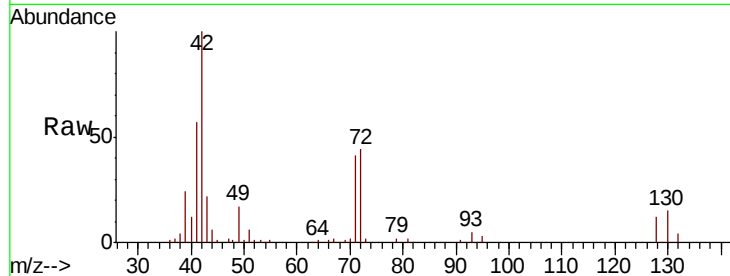




#41
Methacrylonitrile
Concen: 65.242 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

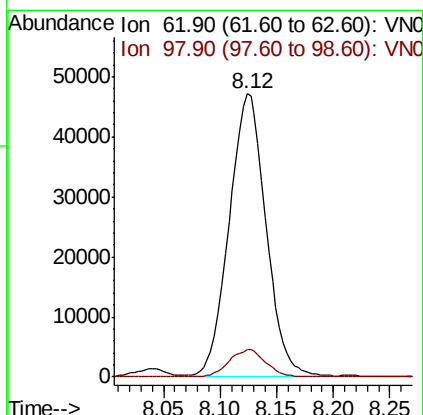
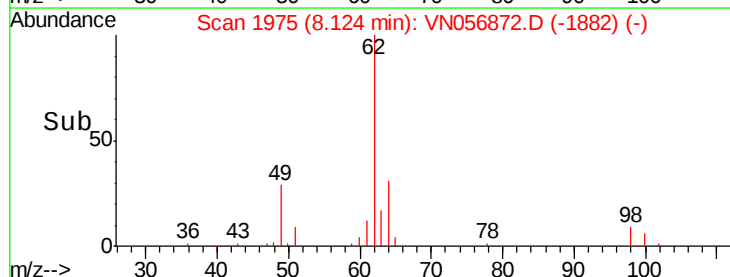
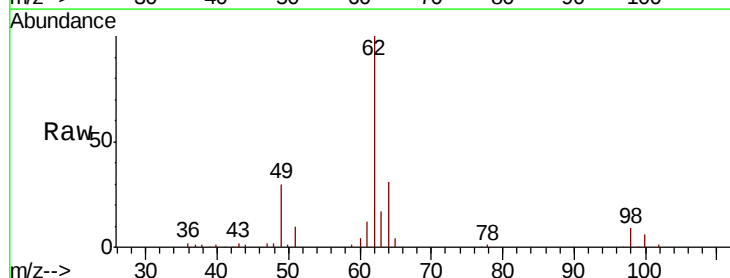
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

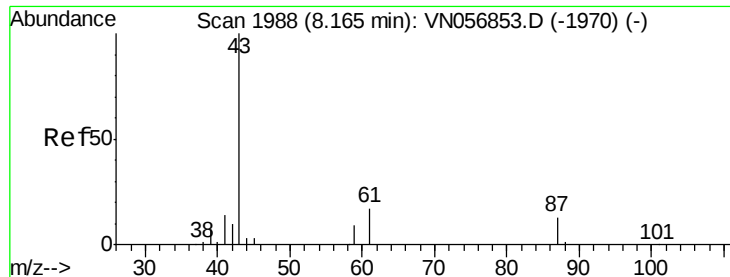
Tot Ion: 41 Resp: 139498
Ion Ratio Lower Upper
41 100
39 0.0 44.0 66.0#
67 0.0 73.5 110.3#
52 0.0 28.6 43.0#



#42
1,2-Dichloroethane
Concen: 20.513 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 62 Resp: 106317
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4





#43

Isopropyl Acetate

Concen: 20.929 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

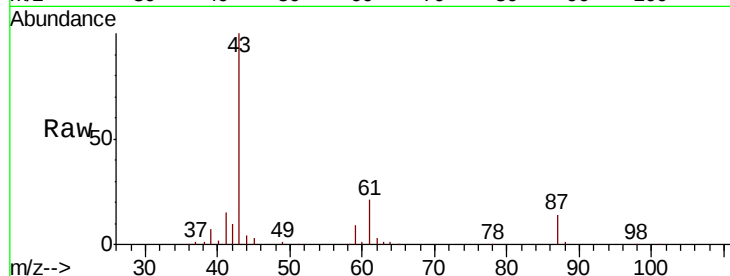
Tot Ion: 43 Resp: 154938

Ion Ratio Lower Upper

43 100

61 21.7 17.8 26.6

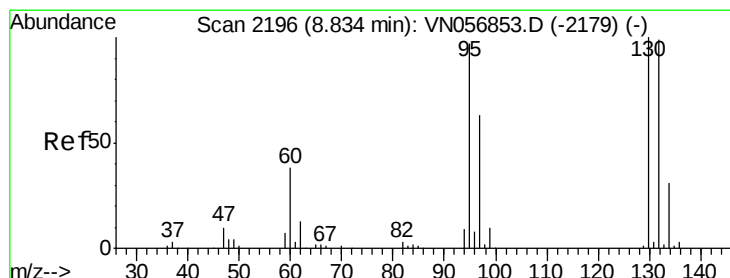
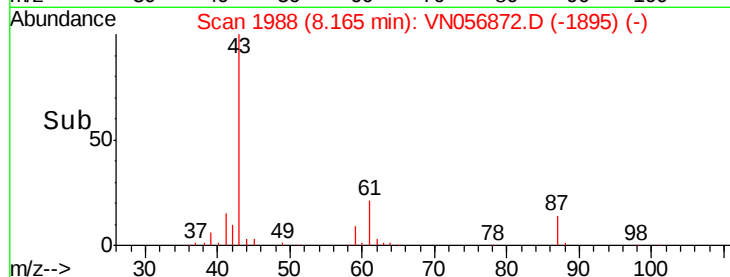
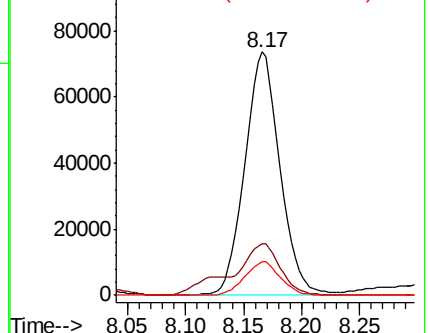
87 14.0 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 20.581 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056872.D

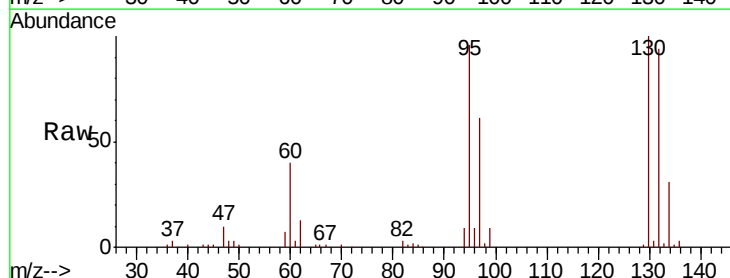
Acq: 23 Jul 2019 12:34

Tgt Ion:130 Resp: 91433

Ion Ratio Lower Upper

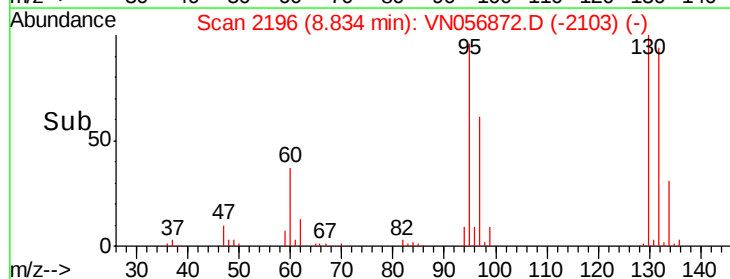
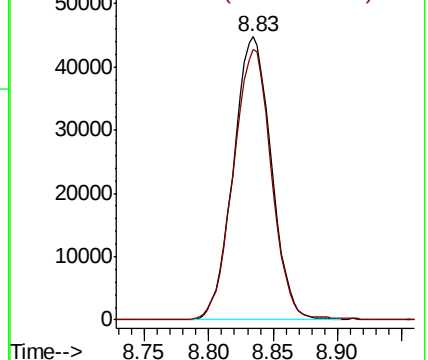
130 100

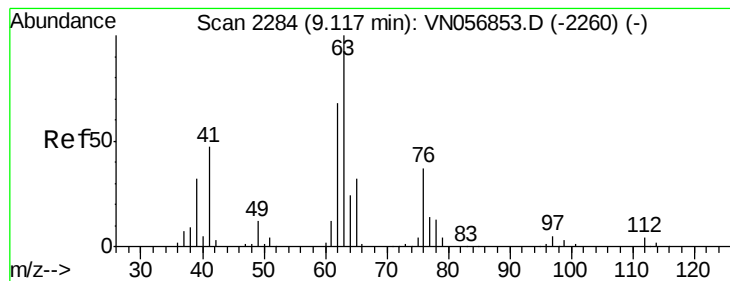
95 95.7 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 20.194 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

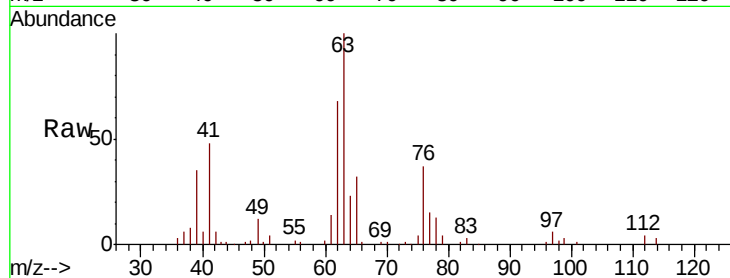
VN0723WBS01

Tot Ion: 63 Resp: 90237

Ion Ratio Lower Upper

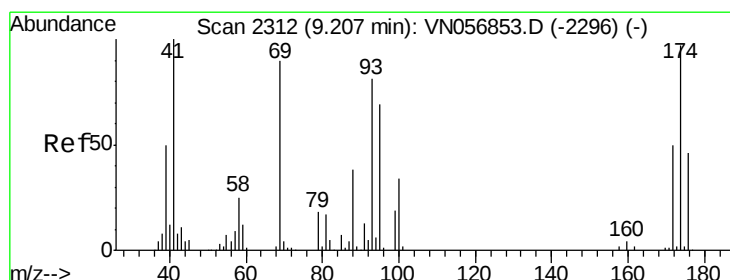
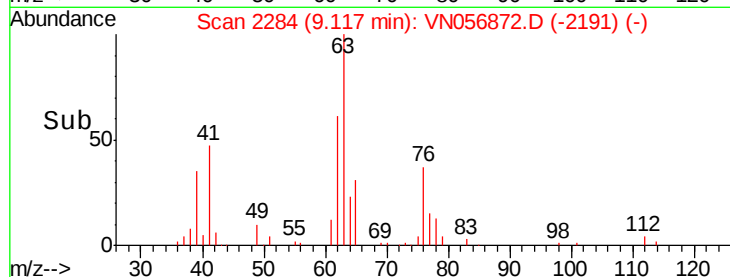
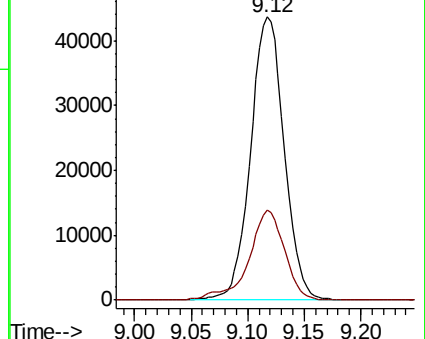
63 100

65 31.9 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.375 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

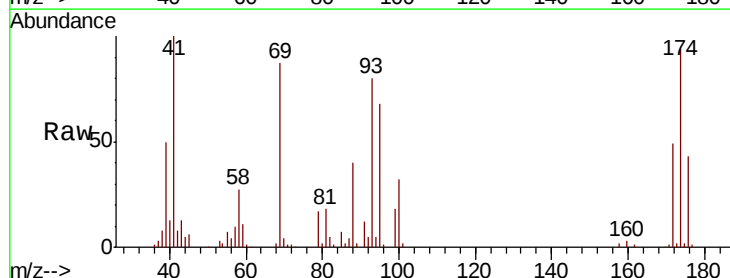
Tgt Ion: 93 Resp: 56196

Ion Ratio Lower Upper

93 100

95 83.0 67.4 101.0

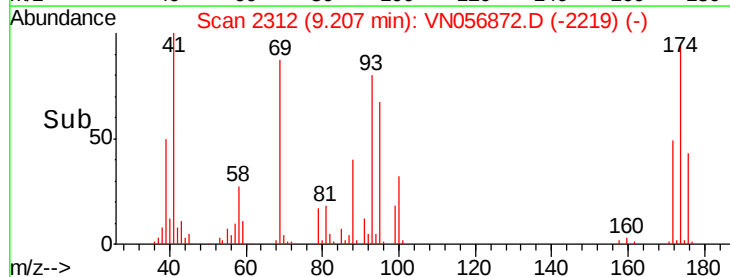
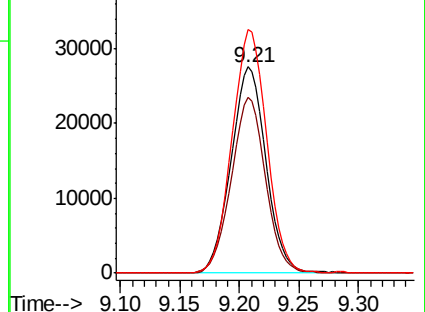
174 116.9 92.9 139.3

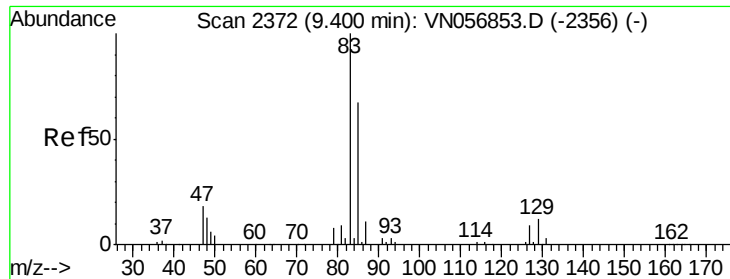


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.264 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

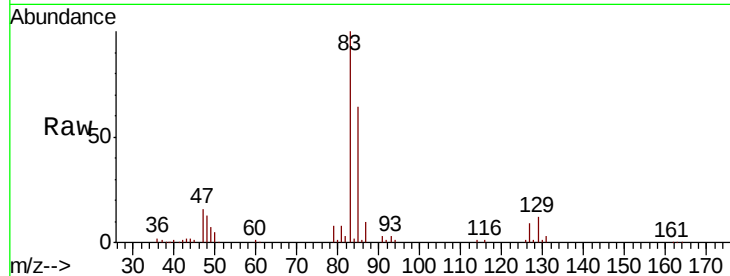
Tot Ion: 83 Resp: 105110

Ion Ratio Lower Upper

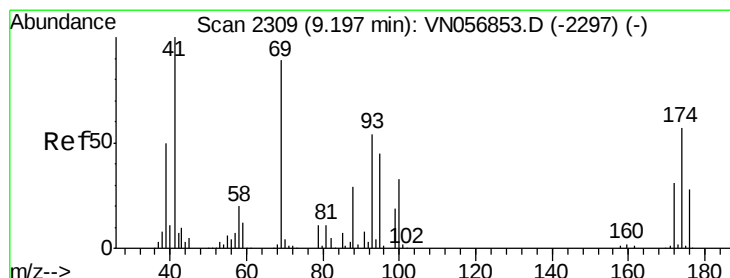
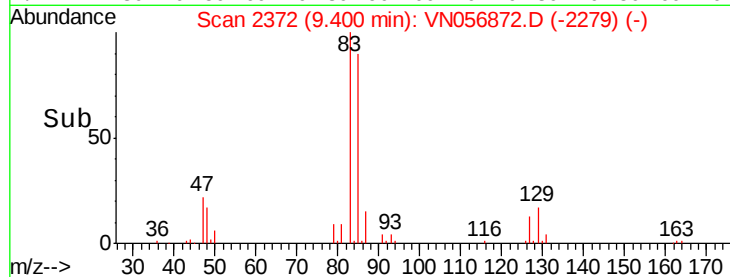
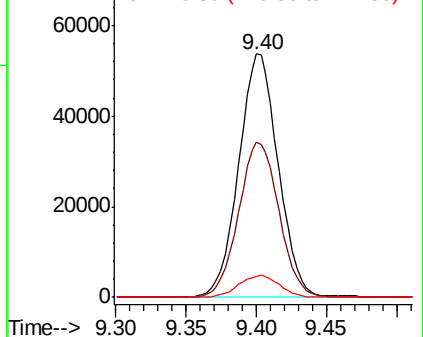
83 100

85 63.6 53.4 80.2

127 8.8 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 20.961 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

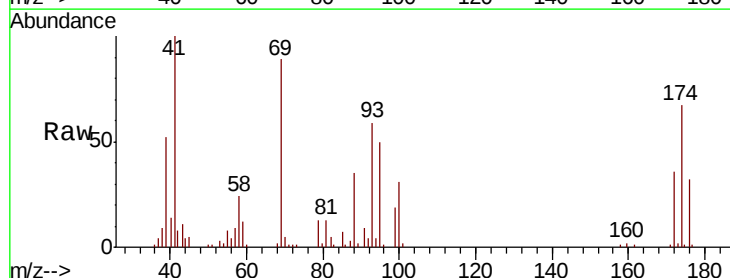
Tgt Ion: 41 Resp: 77628

Ion Ratio Lower Upper

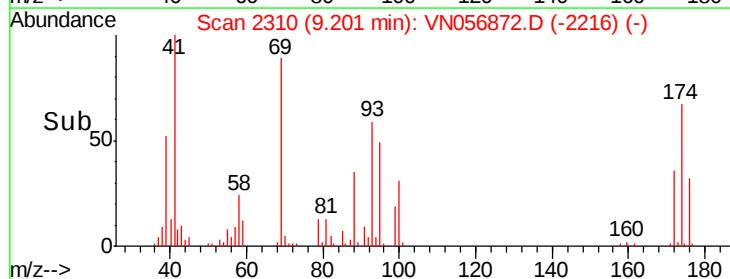
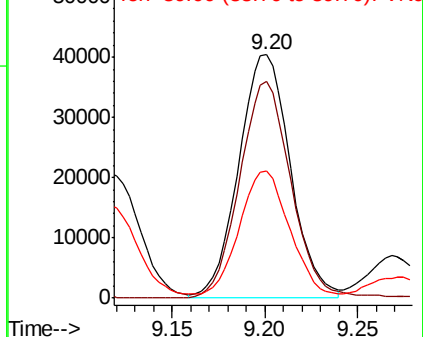
41 100

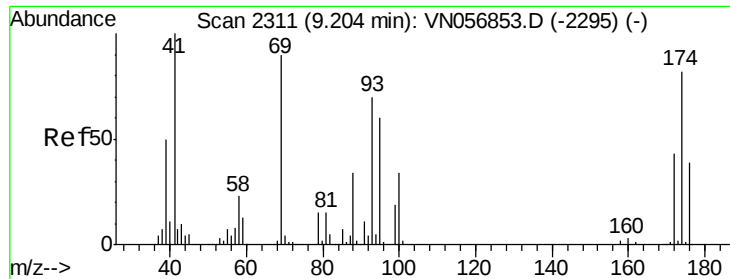
69 89.3 71.1 106.7

39 52.4 40.6 60.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

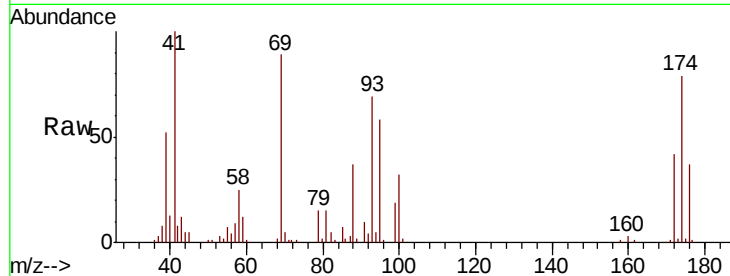




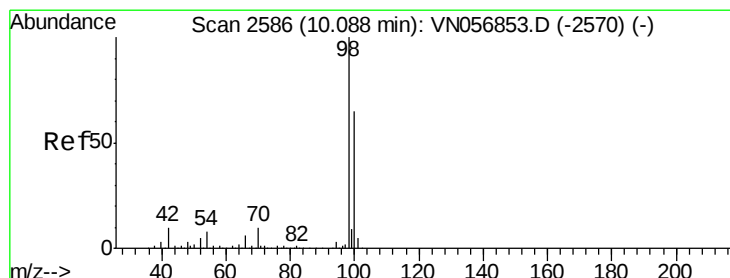
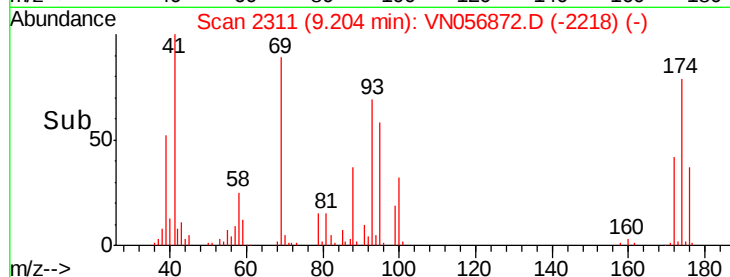
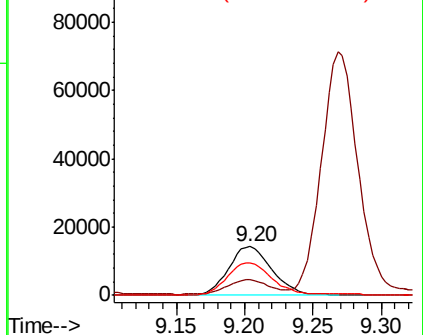
#49
1,4-Dioxane
Concen: 434.958 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion: 88 Resp: 31597
Ion Ratio Lower Upper
88 100
43 29.1 21.4 32.2
58 68.3 55.7 83.5

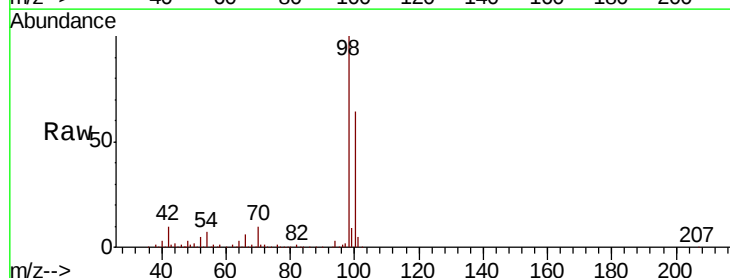


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

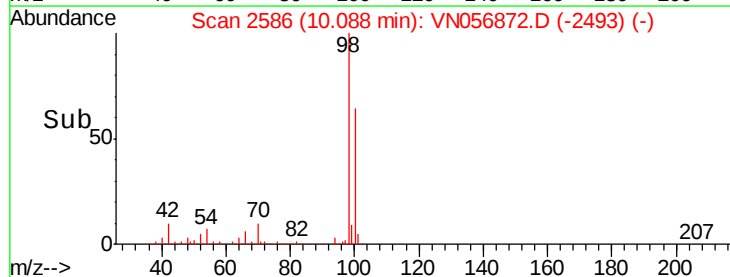
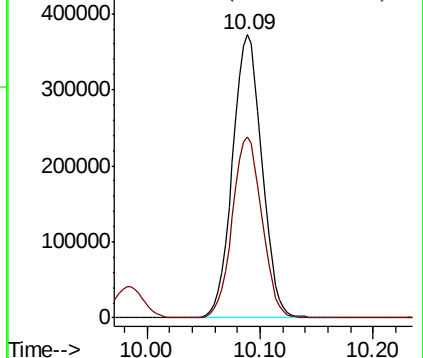


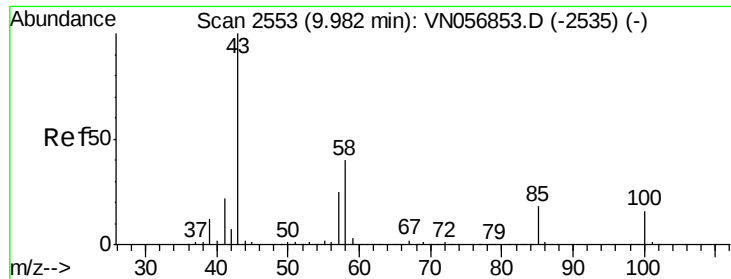
#50
Toluene-d8
Concen: 48.023 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 98 Resp: 674319
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 108.010 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

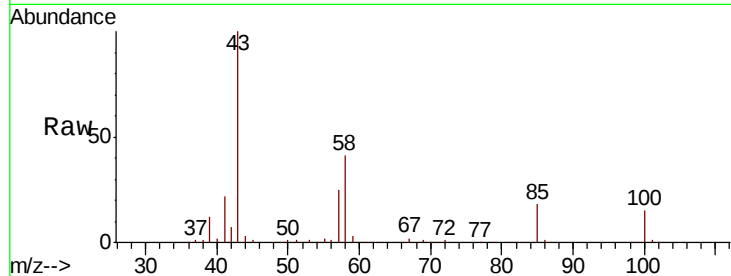
VN0723WBS01

Tot Ion: 43 Resp: 476829

Ion Ratio Lower Upper

43 100

58 40.1 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

250000

200000

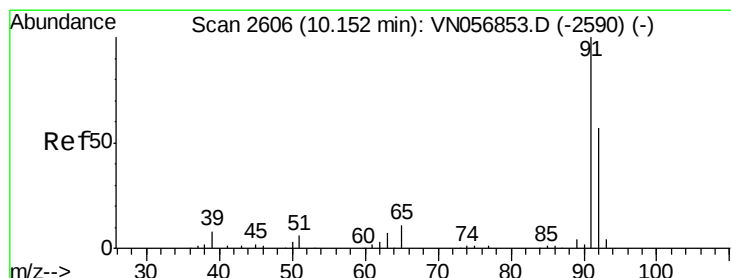
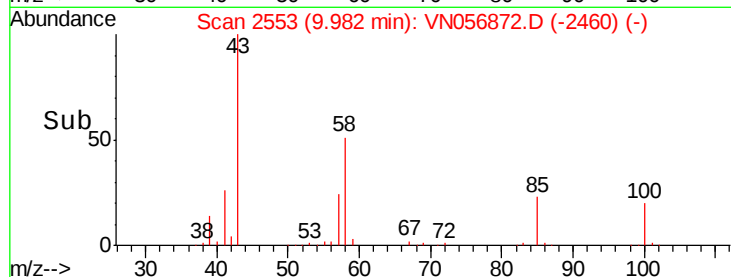
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.841 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056872.D

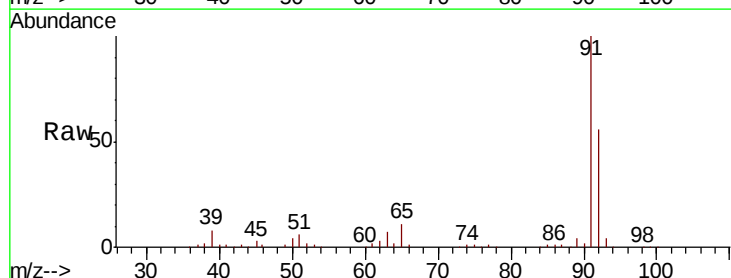
Acq: 23 Jul 2019 12:34

Tgt Ion: 92 Resp: 208034

Ion Ratio Lower Upper

92 100

91 175.8 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

200000

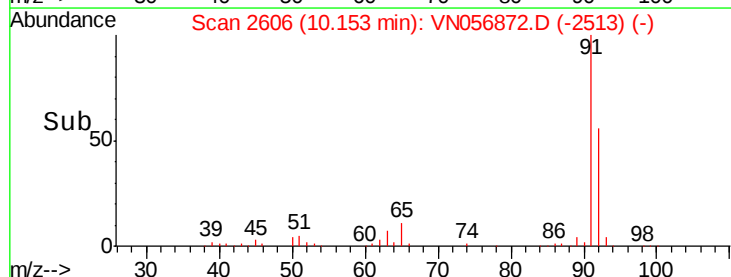
150000

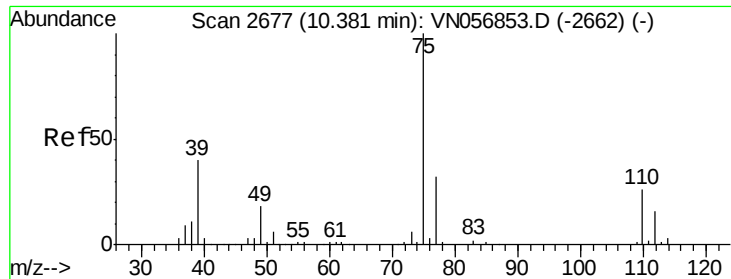
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.738 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

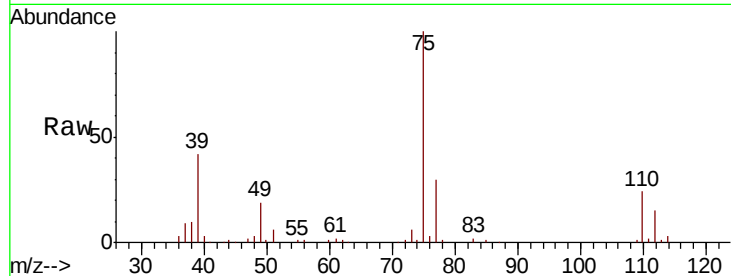
VN0723WBS01

Tot Ion: 75 Resp: 110397

Ion Ratio Lower Upper

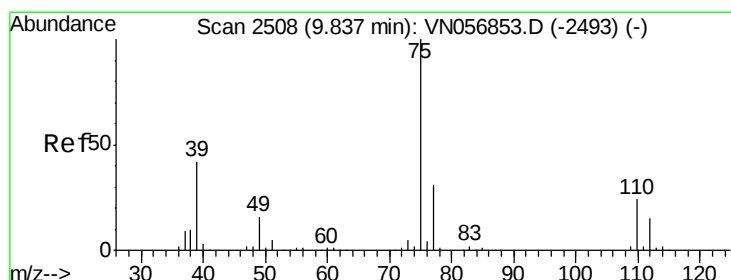
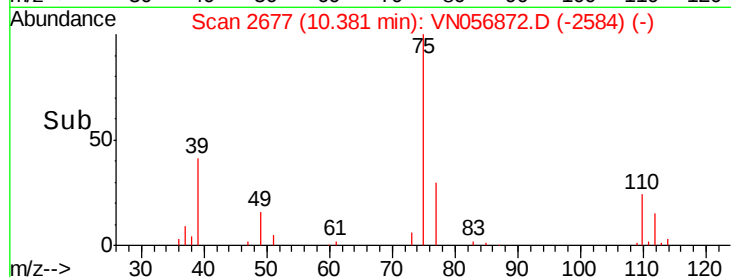
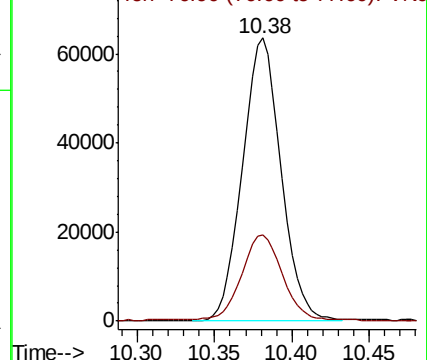
75 100

77 29.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.461 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

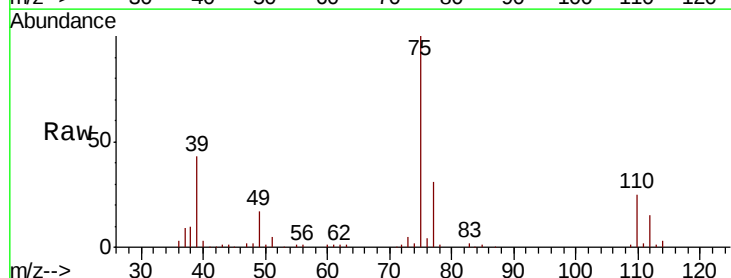
Tgt Ion: 75 Resp: 128416

Ion Ratio Lower Upper

75 100

77 30.7 25.1 37.7

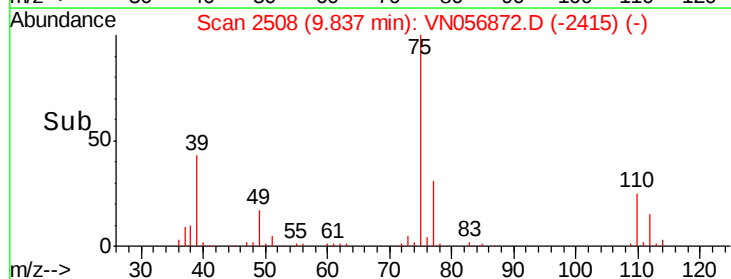
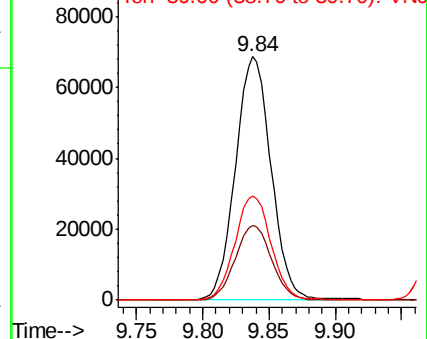
39 42.6 33.4 50.2

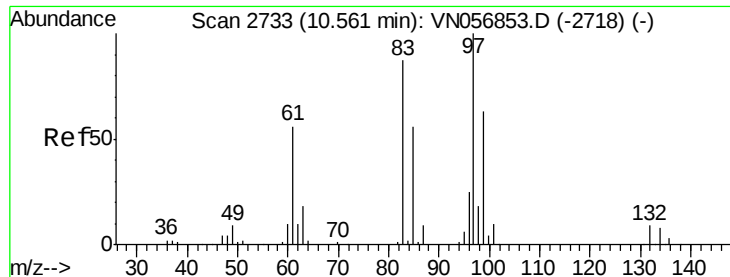


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.781 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

Tot Ion: 97 Resp: 82330

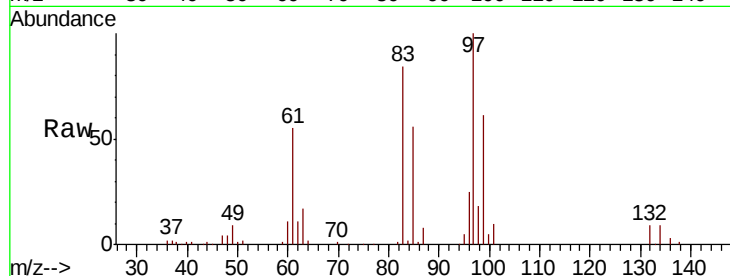
Ion Ratio Lower Upper

97 100

83 84.4 70.0 105.0

85 56.4 45.1 67.7

99 60.6 50.2 75.4

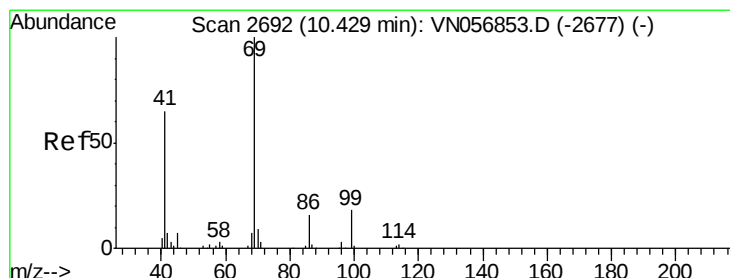
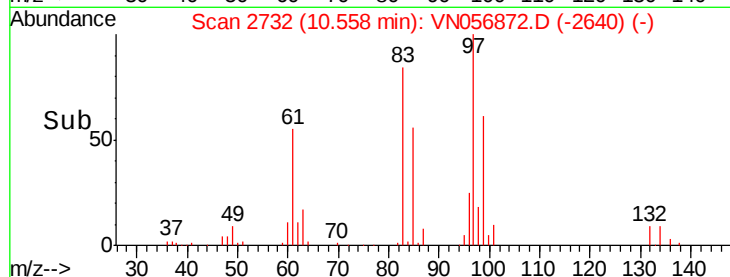
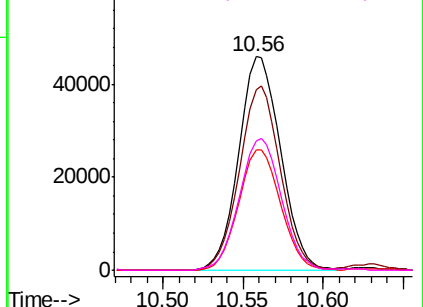


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 21.266 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

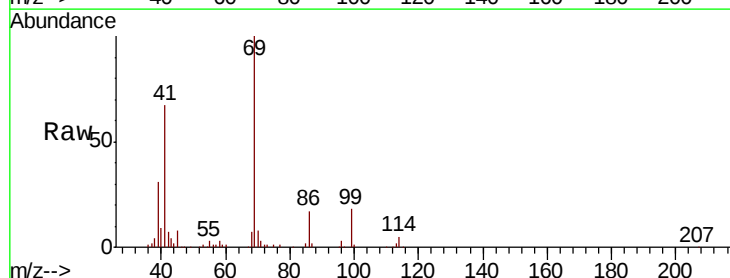
Tgt Ion: 69 Resp: 116958

Ion Ratio Lower Upper

69 100

41 64.7 51.0 76.6

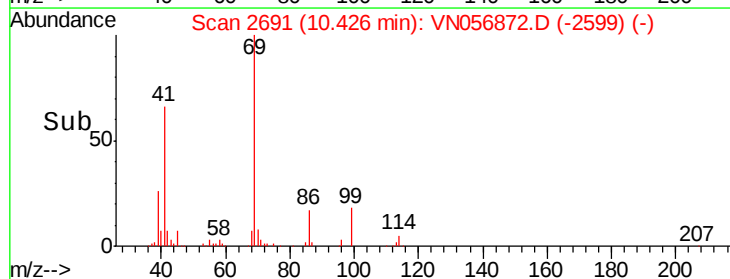
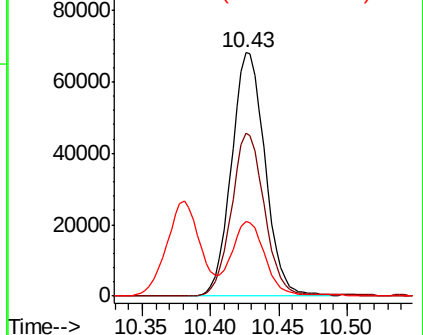
39 30.0 24.5 36.7

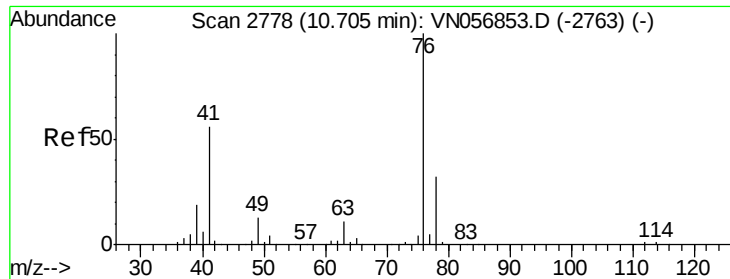


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

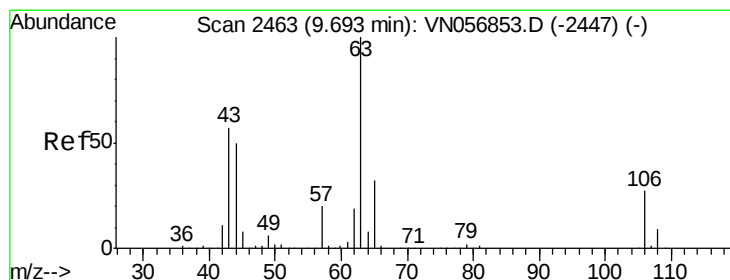
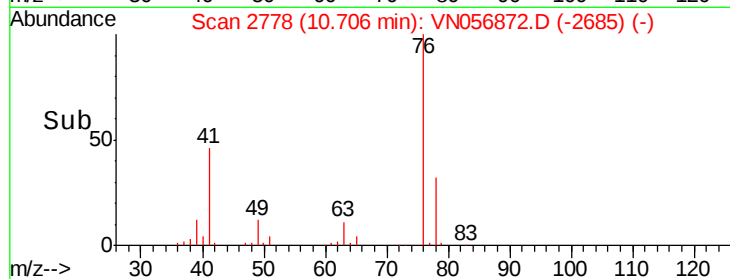
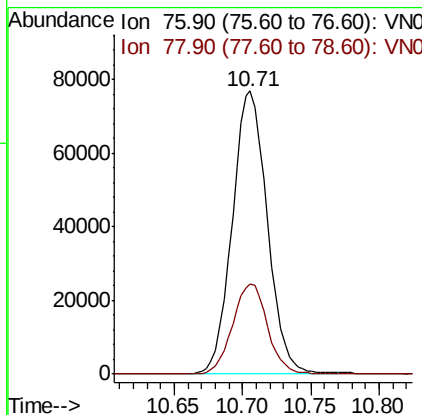
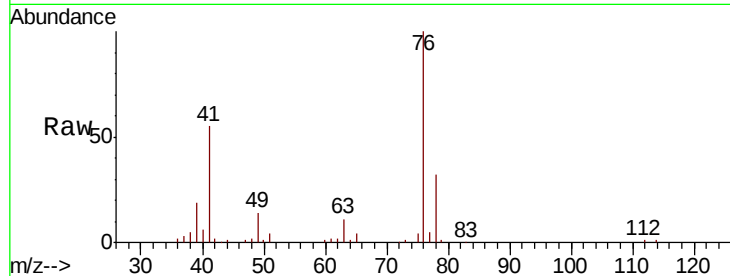




#57
 1,3-Dichloropropane
 Concen: 20.923 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056872.D
 Acq: 23 Jul 2019 12:34

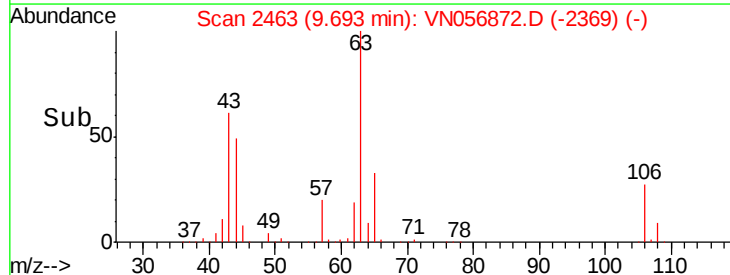
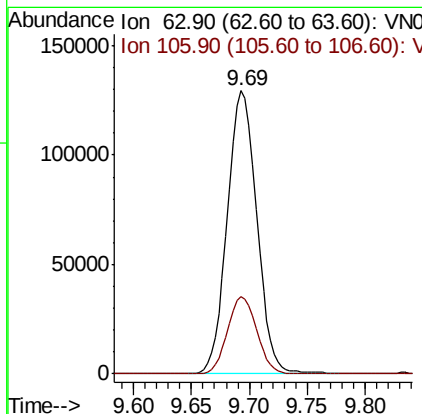
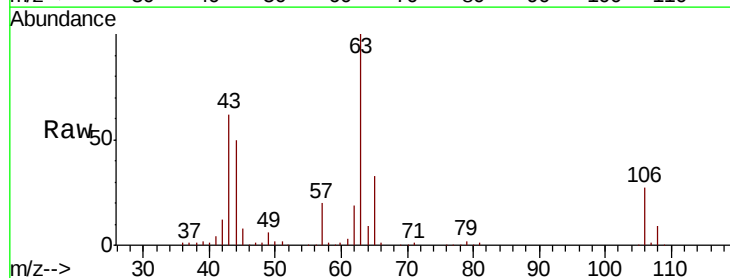
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

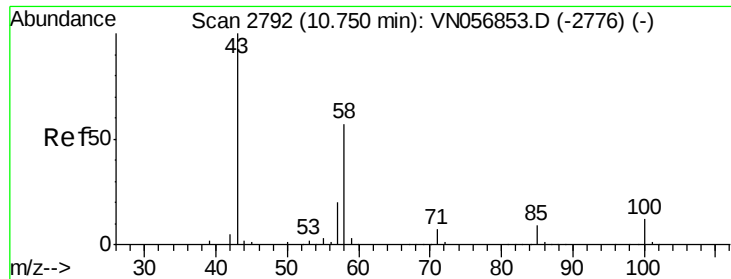
Tot Ion: 76 Resp: 137212
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.926 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056872.D
 Acq: 23 Jul 2019 12:34

Tgt Ion: 63 Resp: 228494
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.8 32.8

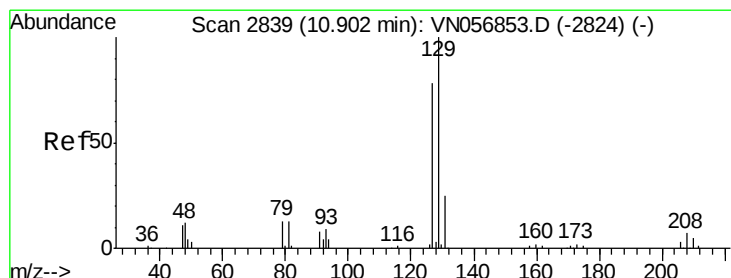
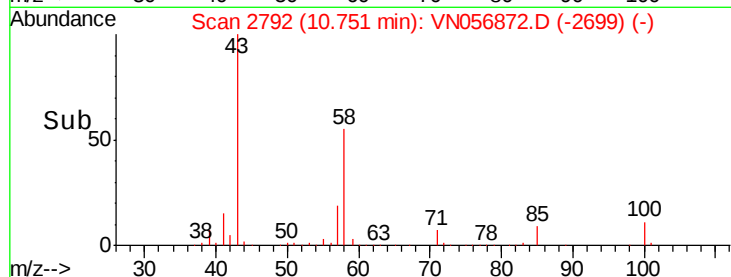
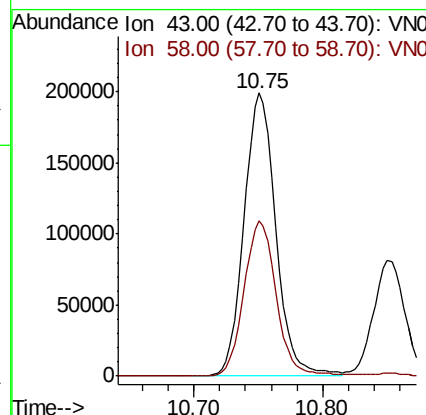
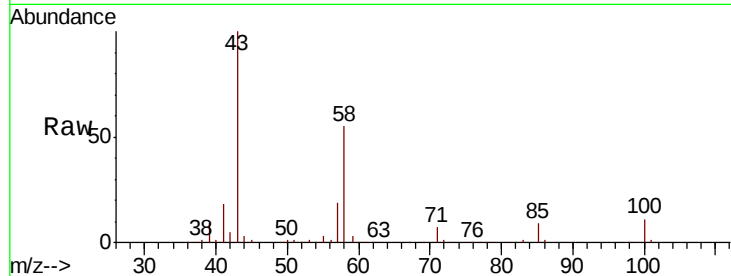




#59
2-Hexanone
Concen: 111.464 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

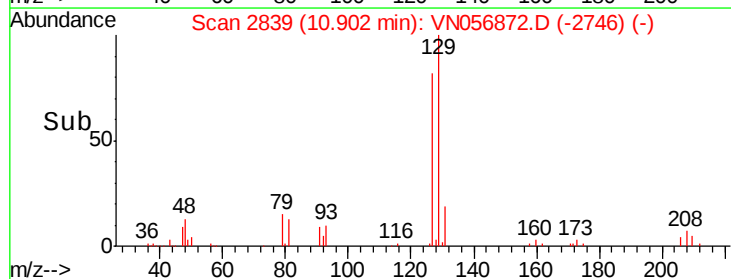
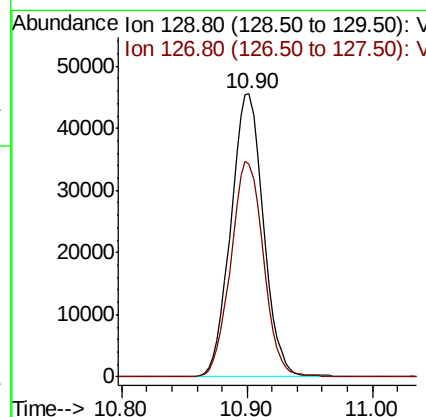
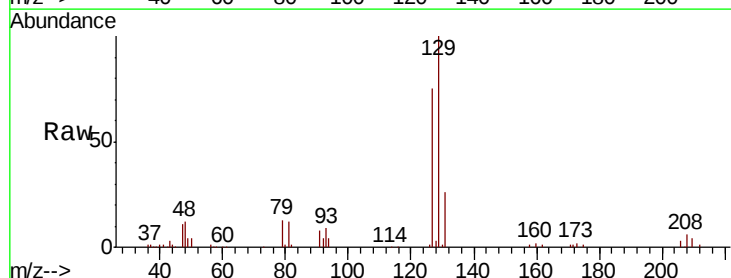
Instrument :
MSVOA_N
ClientSampled :
VN0723WBS01

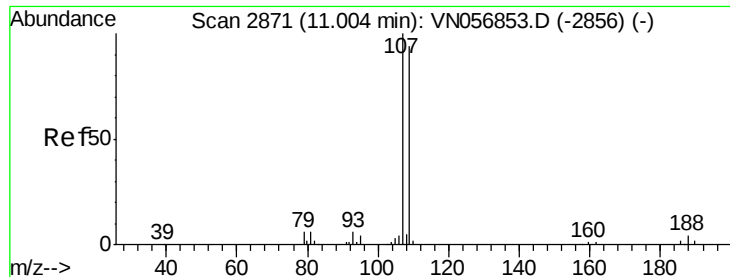
Tot Ion: 43 Resp: 340613
Ion Ratio Lower Upper
43 100
58 55.9 28.3 85.0



#60
Dibromochloromethane
Concen: 20.695 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 129 Resp: 82272
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.444 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

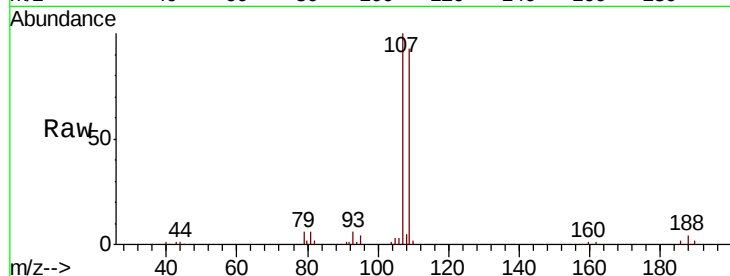
VN0723WBS01

Tot Ion:107 Resp: 84375

Ion Ratio Lower Upper

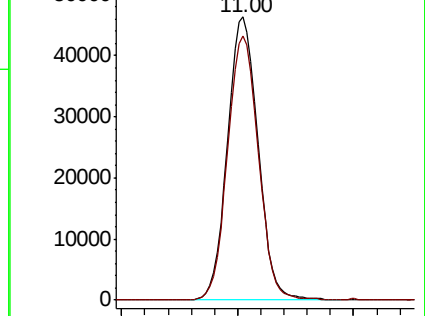
107 100

109 94.0 75.3 112.9

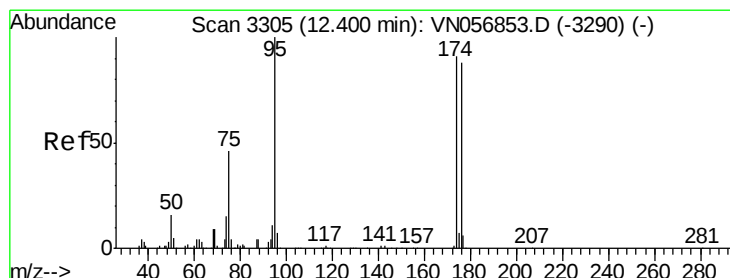
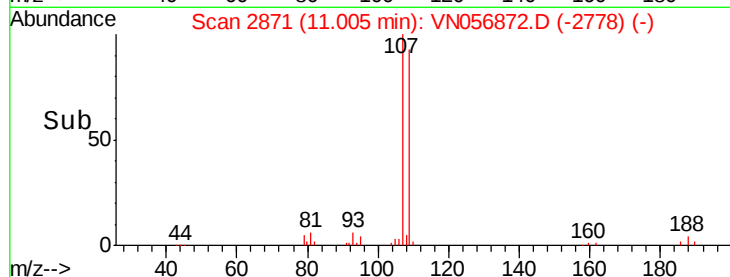


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 46.922 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

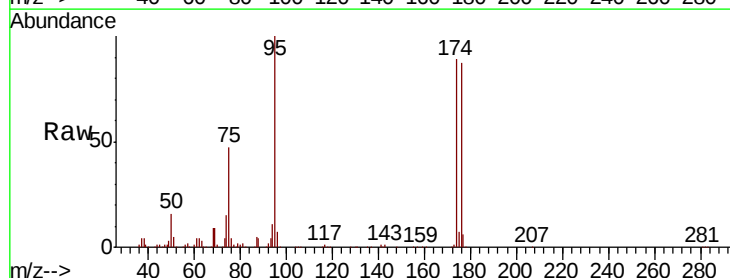
Tgt Ion: 95 Resp: 215618

Ion Ratio Lower Upper

95 100

174 90.4 0.0 183.4

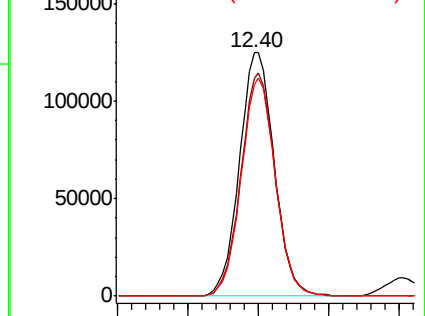
176 87.9 0.0 175.8



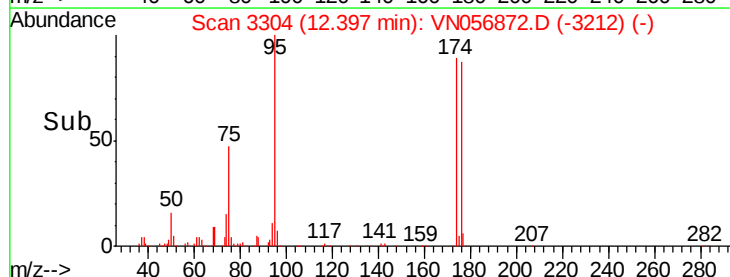
Abundance Ion 94.90 (94.60 to 95.60): V

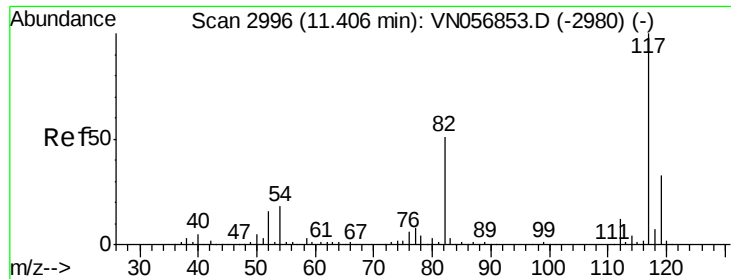
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 12.30 12.35 12.40 12.45

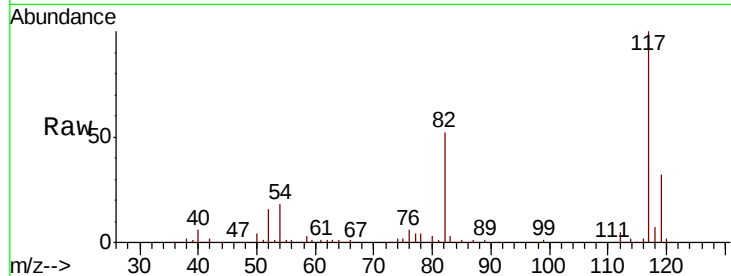




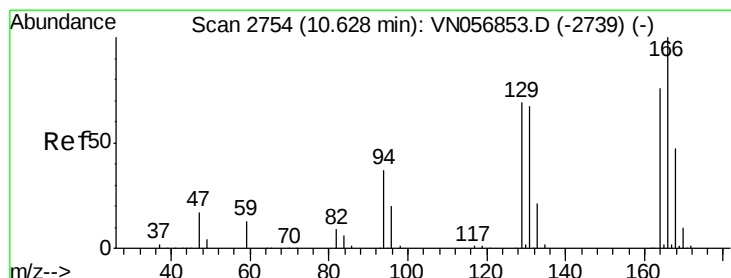
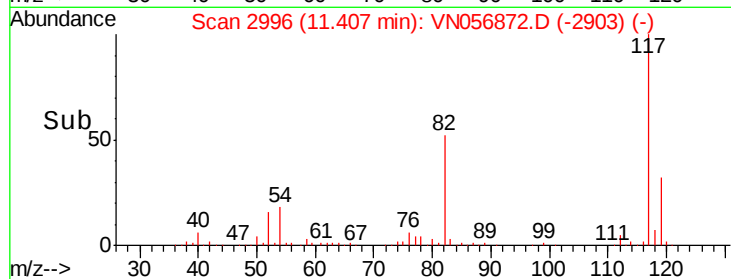
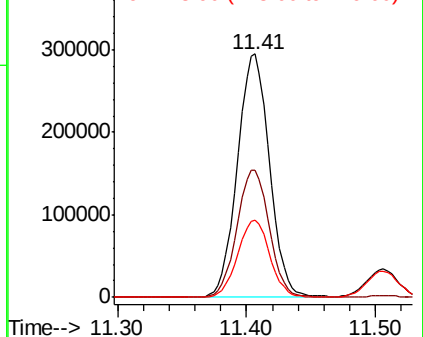
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion:117 Resp: 512153
Ion Ratio Lower Upper
117 100
82 52.3 41.2 61.8
119 31.9 26.4 39.6



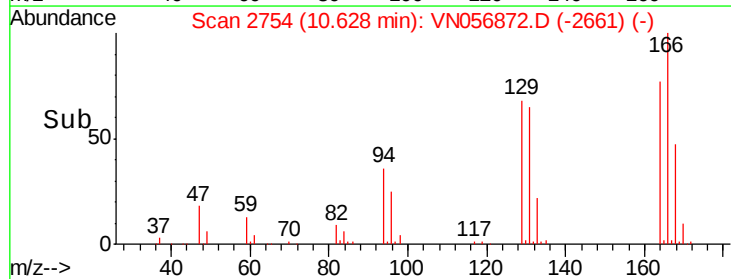
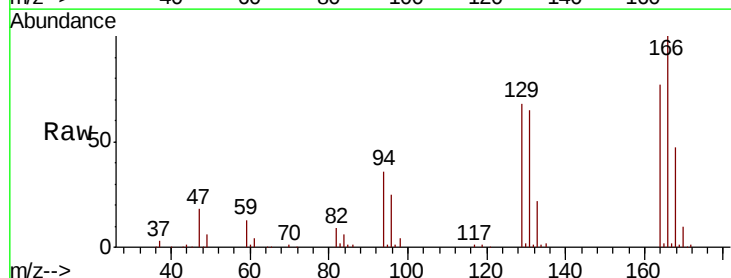
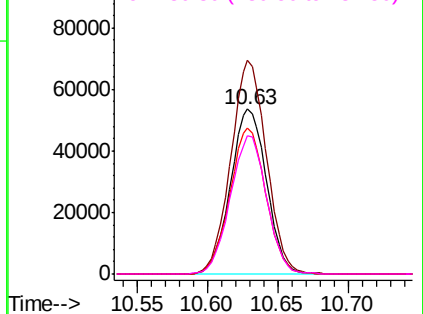
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

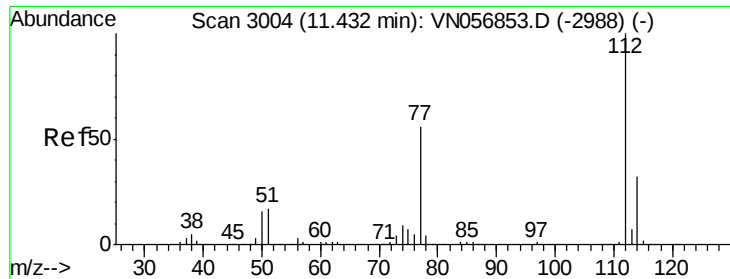


#64
Tetrachloroethene
Concen: 21.834 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion:164 Resp: 95932
Ion Ratio Lower Upper
164 100
166 129.6 104.9 157.3
129 88.6 72.8 109.2
131 83.8 70.2 105.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

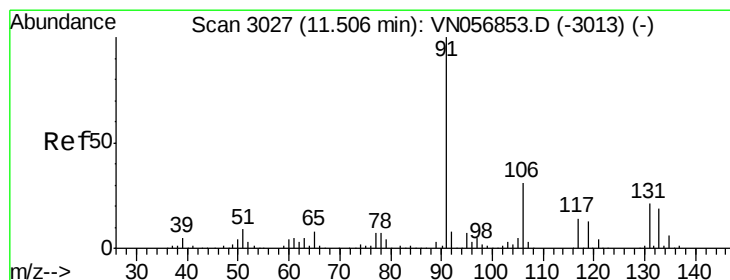
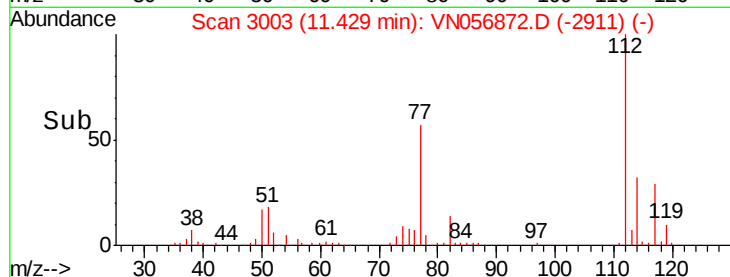
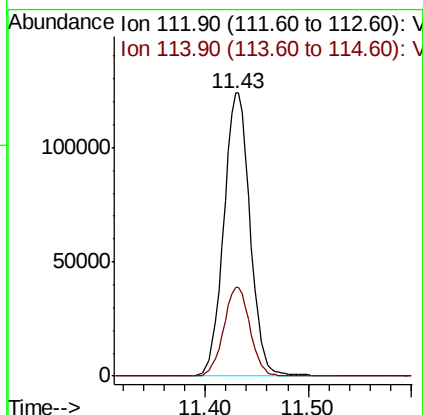
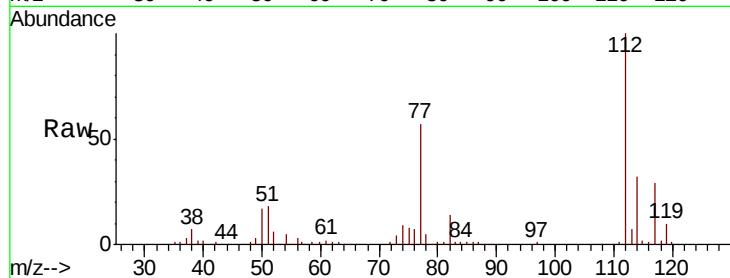




#65
Chlorobenzene
Concen: 20.652 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

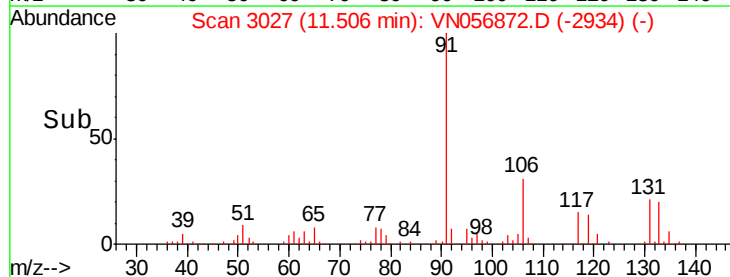
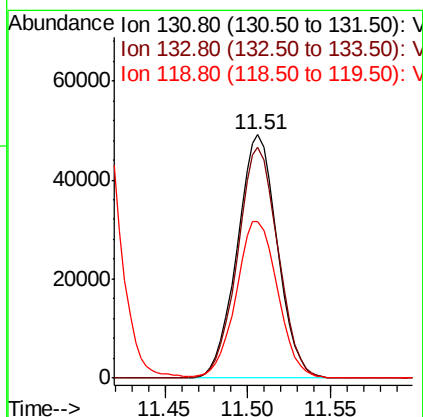
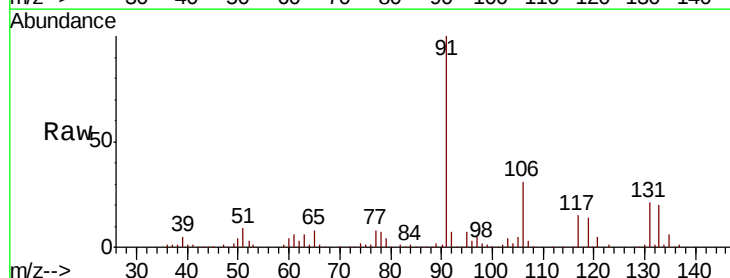
Instrument :
MSVOA_N
ClientSampled :
VN0723WBS01

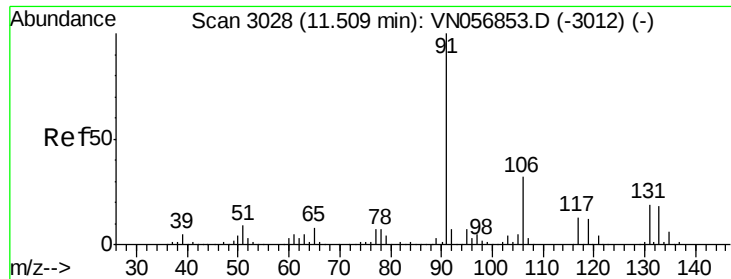
Tot Ion:112 Resp: 219795
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.605 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion:131 Resp: 82675
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.3
119 67.0 33.1 99.5

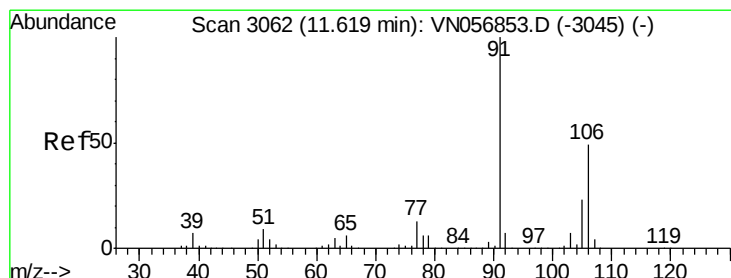
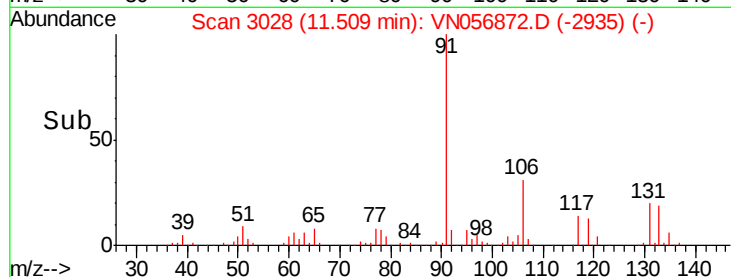
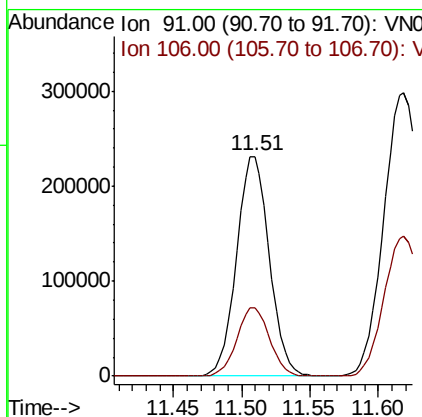
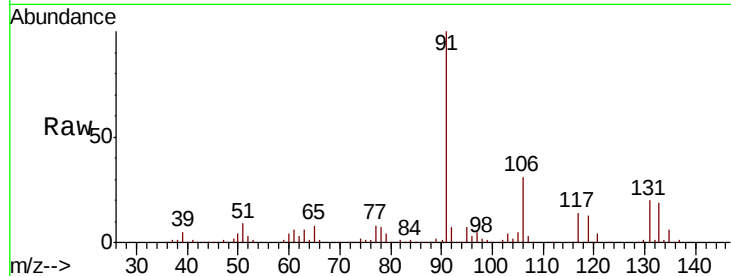




#67
Ethyl Benzene
Concen: 20.973 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

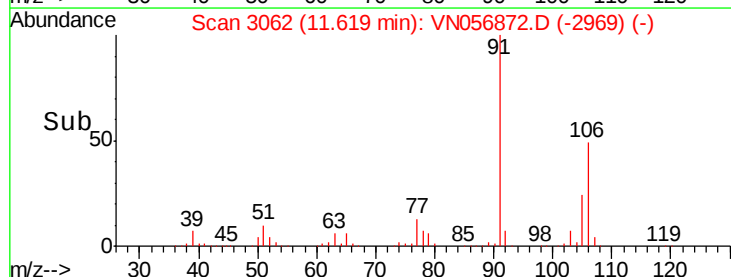
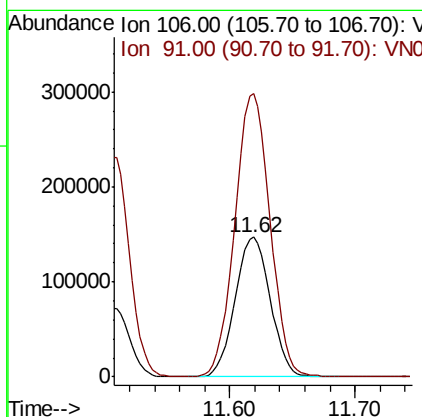
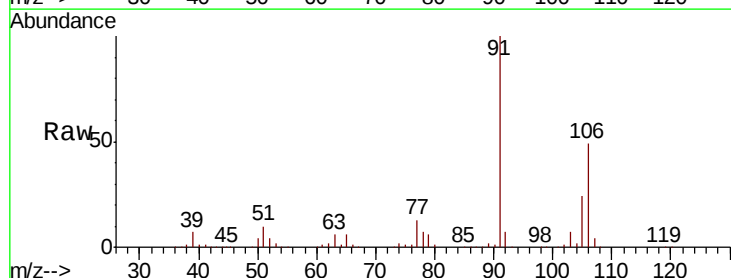
Instrument :
MSVOA_N
ClientSampled :
VN0723WBS01

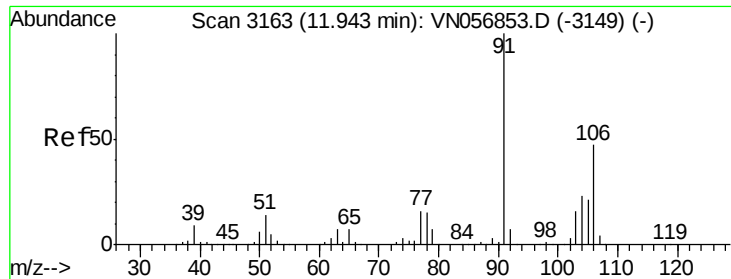
Tot Ion: 91 Resp: 385351
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9



#68
m/p-Xylenes
Concen: 41.573 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 106 Resp: 285958
Ion Ratio Lower Upper
106 100
91 203.1 160.5 240.7

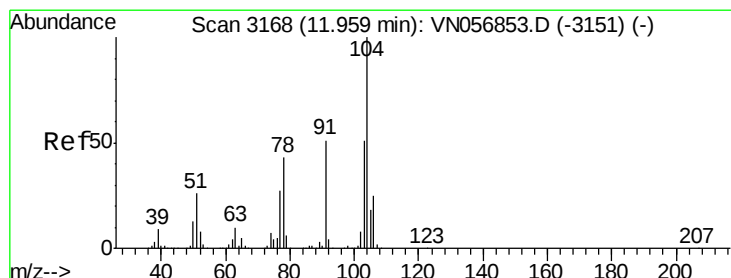
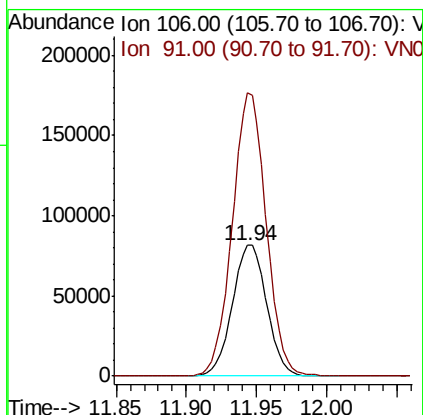
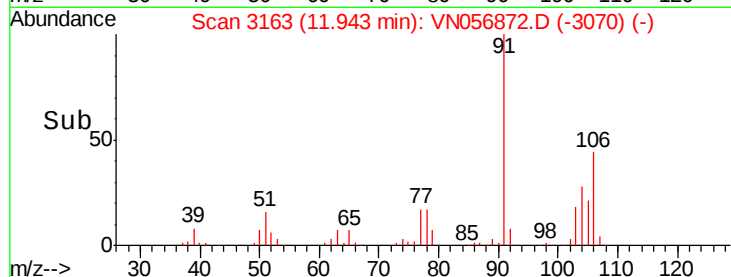
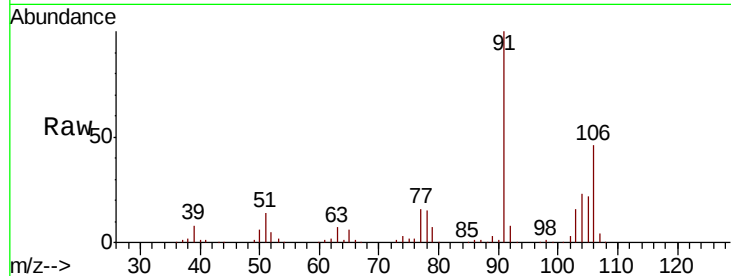




#69
o-Xylene
Concen: 20.742 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

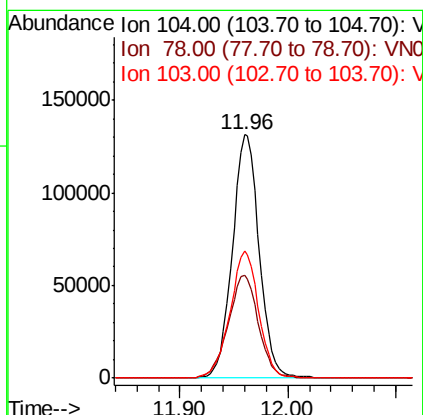
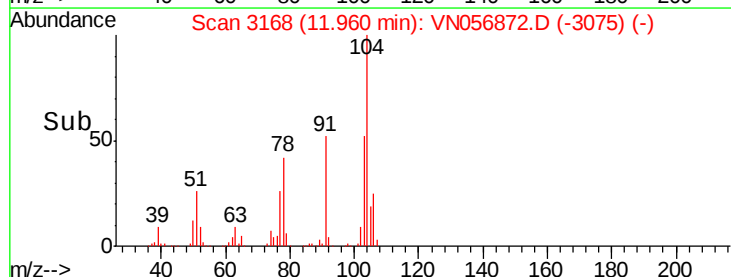
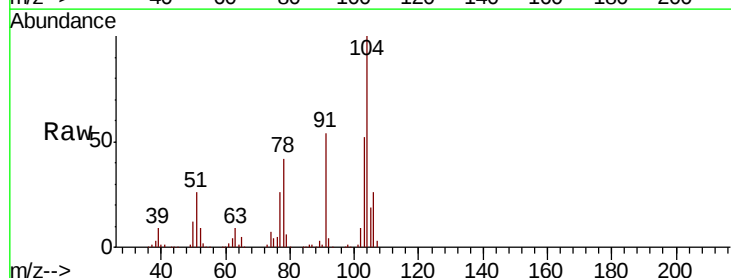
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

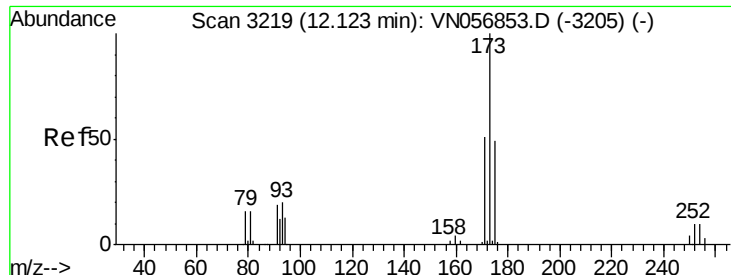
Tot Ion:106 Resp: 139280
Ion Ratio Lower Upper
106 100
91 213.3 105.1 315.3



#70
Styrene
Concen: 19.689 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion:104 Resp: 228252
Ion Ratio Lower Upper
104 100
78 47.3 38.1 57.1
103 55.7 44.2 66.4

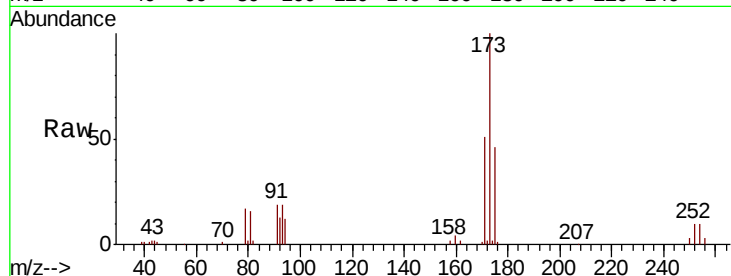




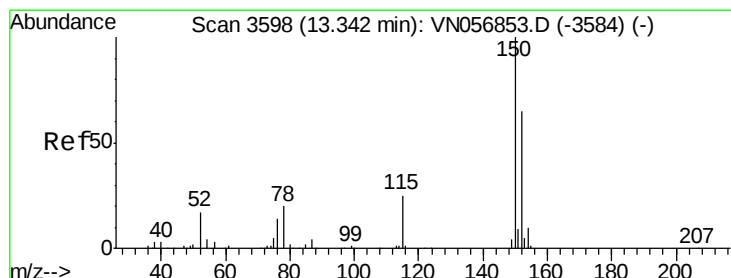
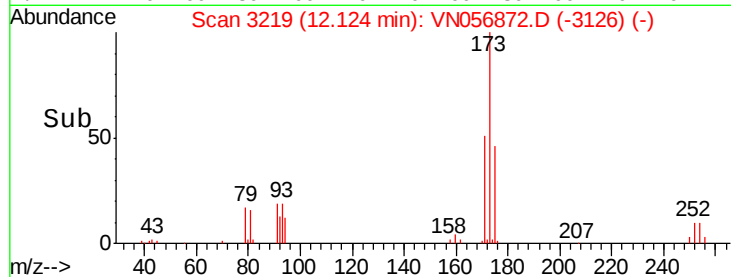
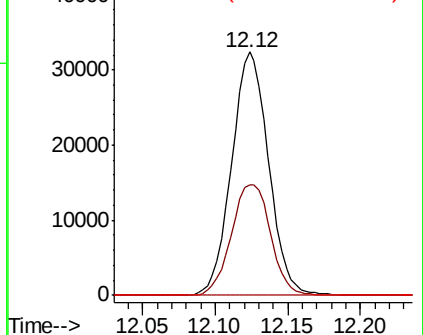
#71
Bromoform
Concen: 20.600 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion:173 Resp: 57279
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.3
254 0.0 0.0 0.0

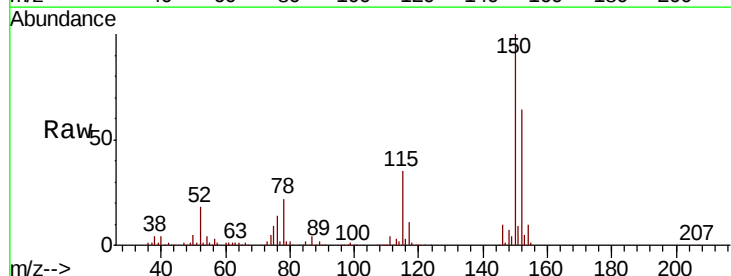


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

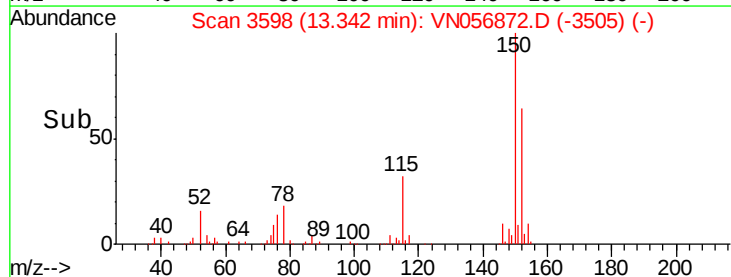
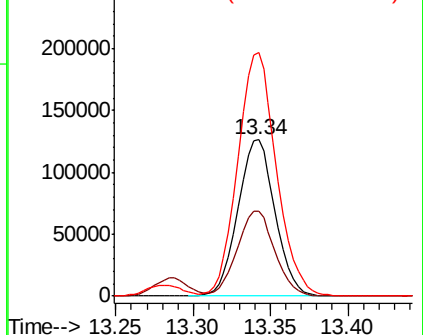


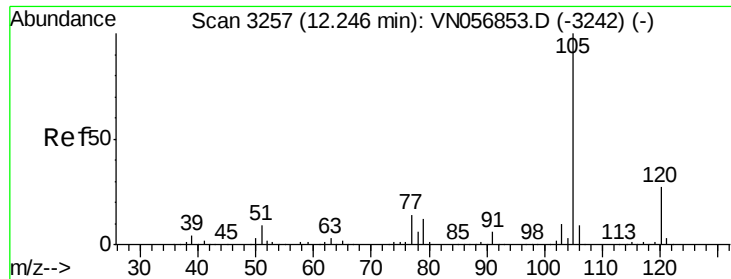
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion:152 Resp: 209854
Ion Ratio Lower Upper
152 100
115 55.0 27.6 82.7
150 162.9 0.0 343.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.942 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

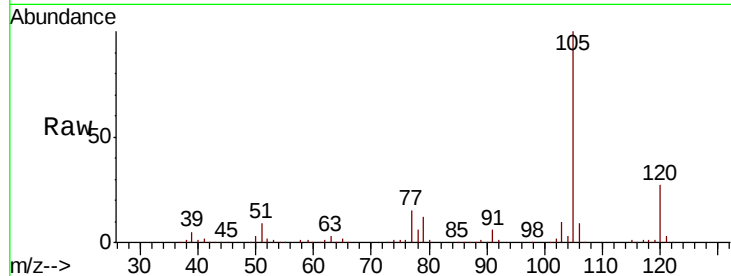
VN0723WBS01

Tot Ion:105 Resp: 368142

Ion Ratio Lower Upper

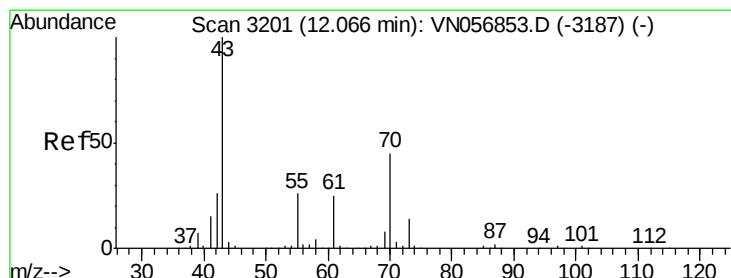
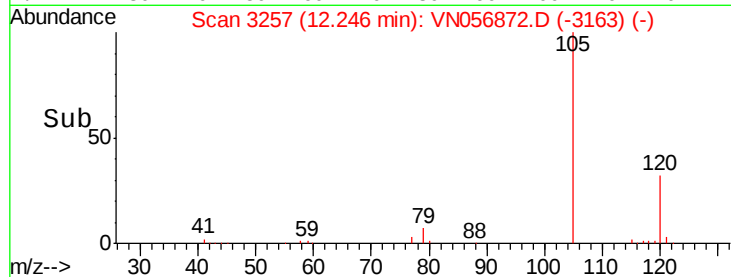
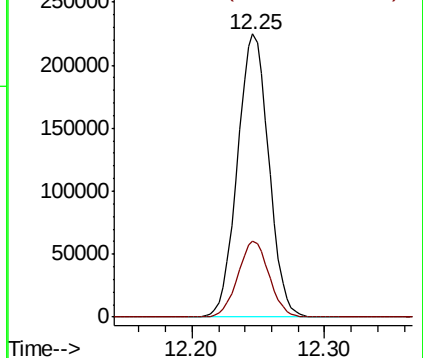
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.198 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Tgt Ion: 43 Resp: 124454

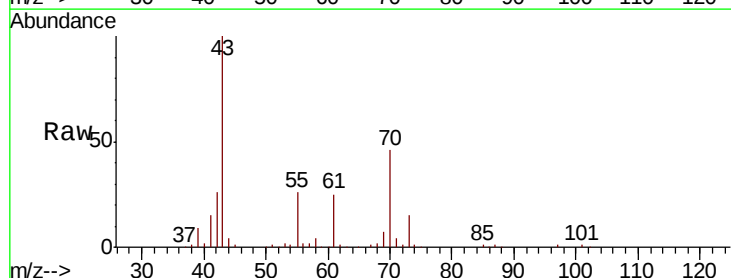
Ion Ratio Lower Upper

43 100

70 45.0 35.3 52.9

55 25.7 20.6 31.0

61 24.7 20.2 30.2

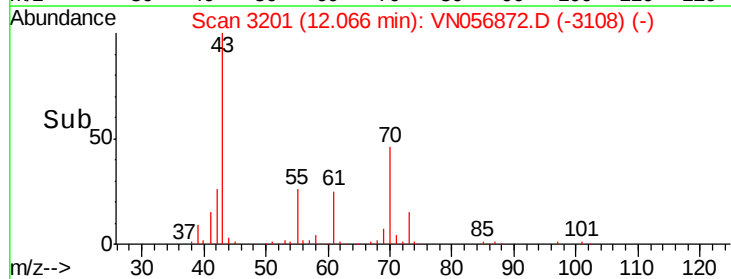
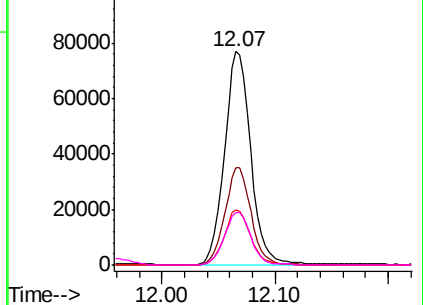


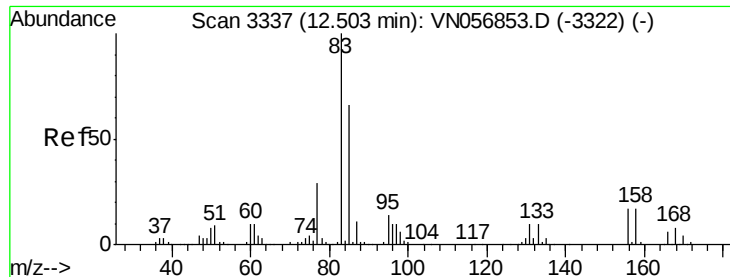
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.704 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

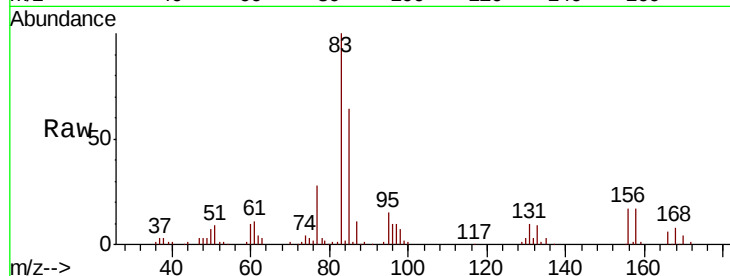
Tot Ion: 83 Resp: 108164

Ion Ratio Lower Upper

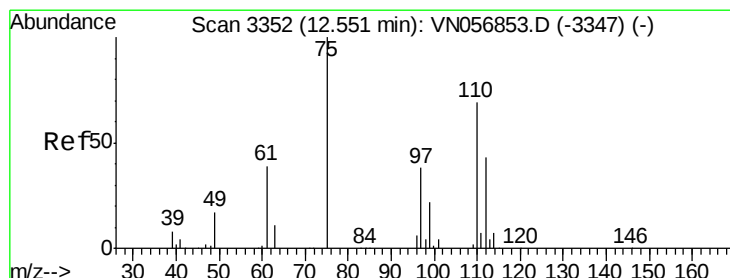
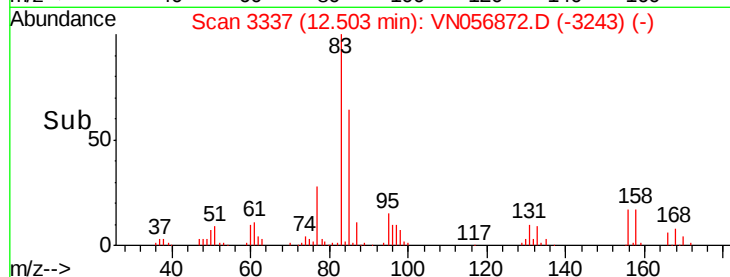
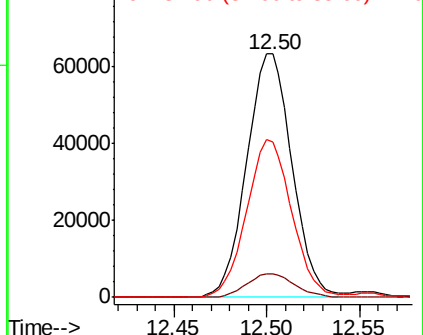
83 100

131 10.2 5.1 15.4

85 64.6 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 29.733 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056872.D

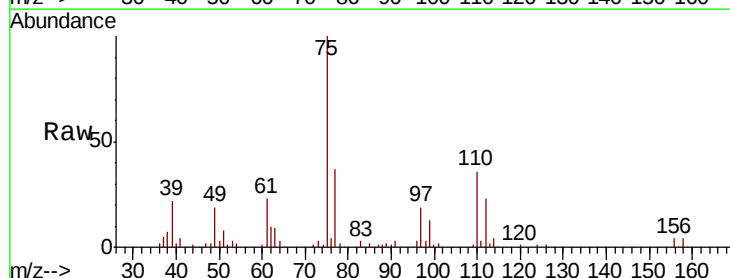
Acq: 23 Jul 2019 12:34

Tgt Ion: 75 Resp: 129312

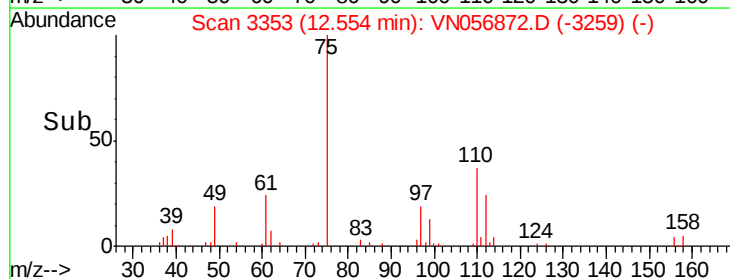
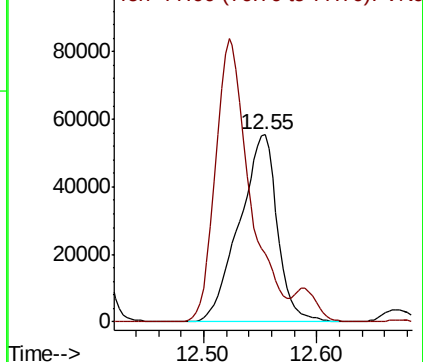
Ion Ratio Lower Upper

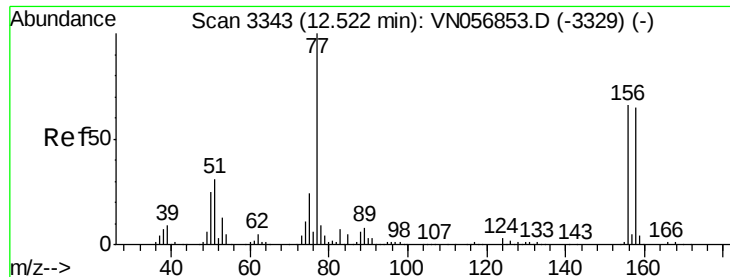
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 21.083 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

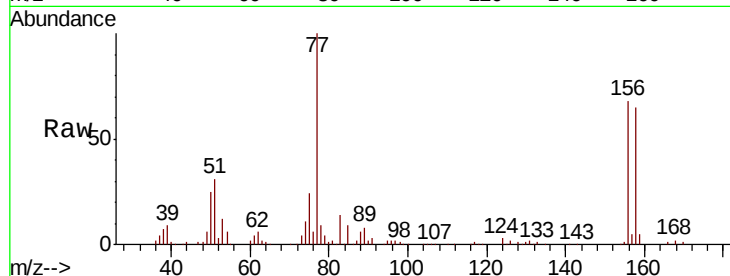
Tot Ion:156 Resp: 96505

Ion Ratio Lower Upper

156 100

77 182.1 90.7 272.1

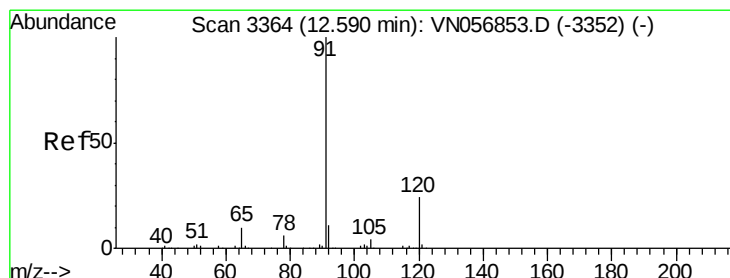
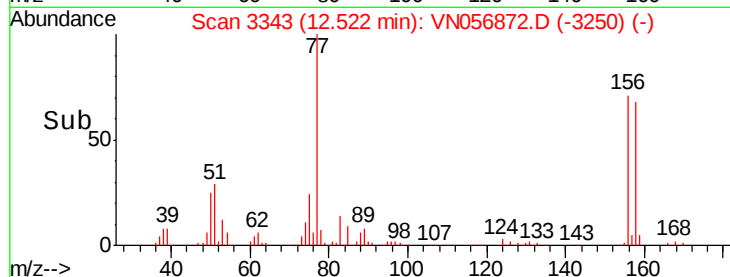
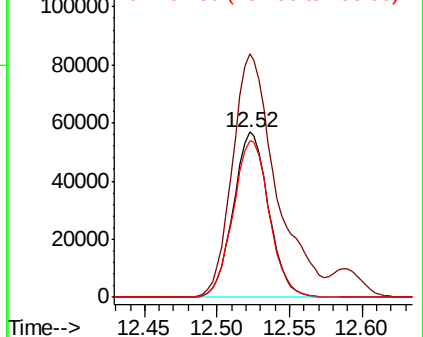
158 96.7 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.632 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056872.D

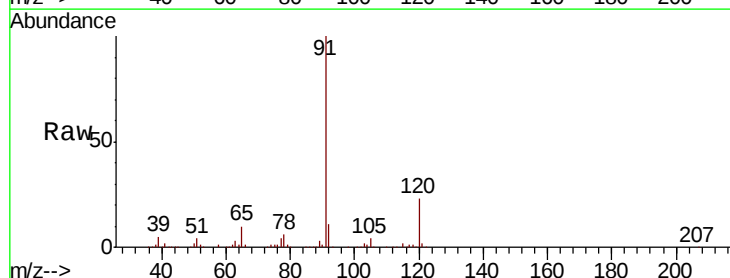
Acq: 23 Jul 2019 12:34

Tgt Ion: 91 Resp: 397964

Ion Ratio Lower Upper

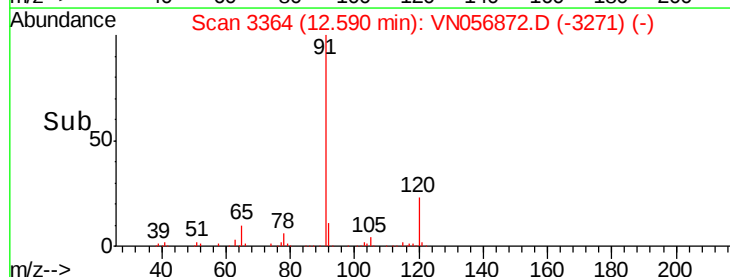
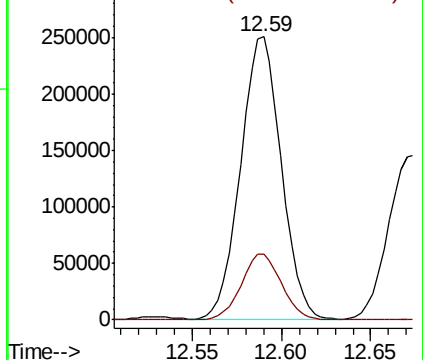
91 100

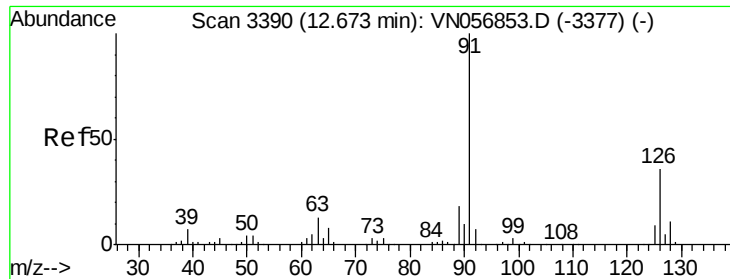
120 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

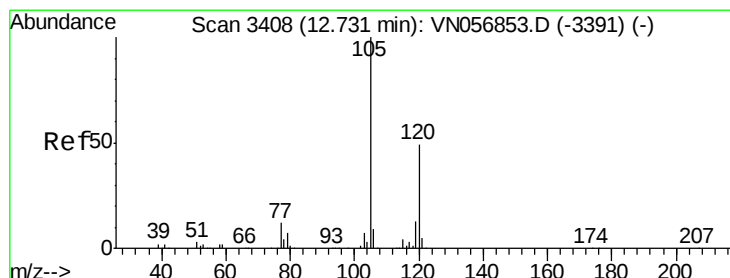
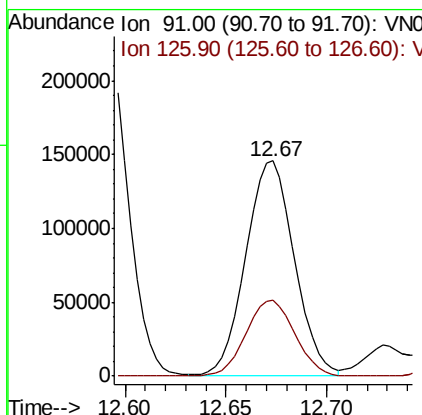
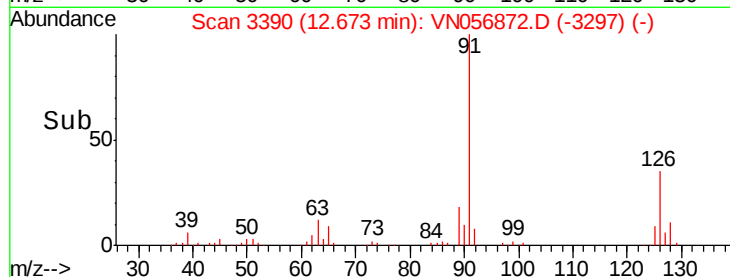
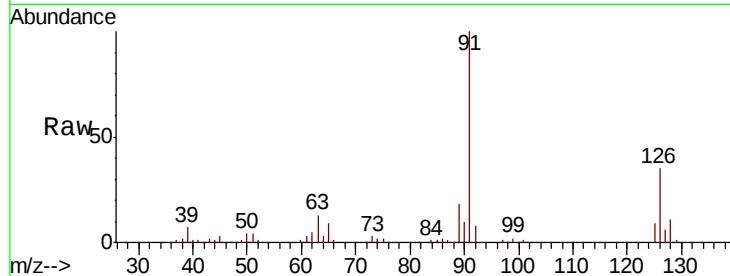




#79
 2-Chlorotoluene
 Concen: 21.208 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056872.D
 Acq: 23 Jul 2019 12:34

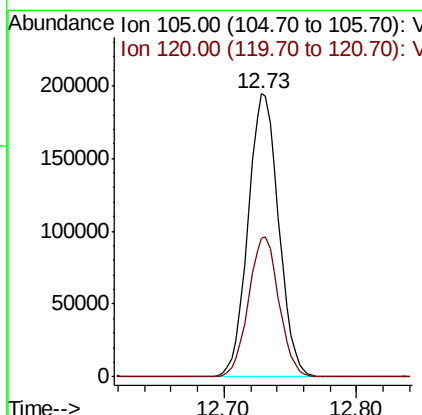
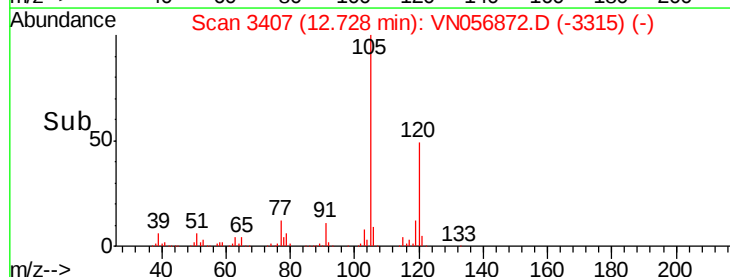
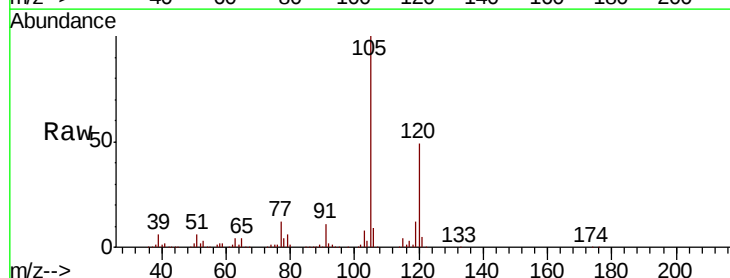
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

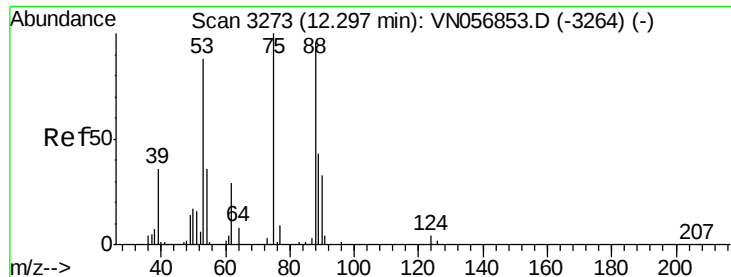
Tot Ion: 91 Resp: 244273
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.8 53.5



#80
 1,3,5-Trimethylbenzene
 Concen: 21.104 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN056872.D
 Acq: 23 Jul 2019 12:34

Tgt Ion:105 Resp: 311397
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.774 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

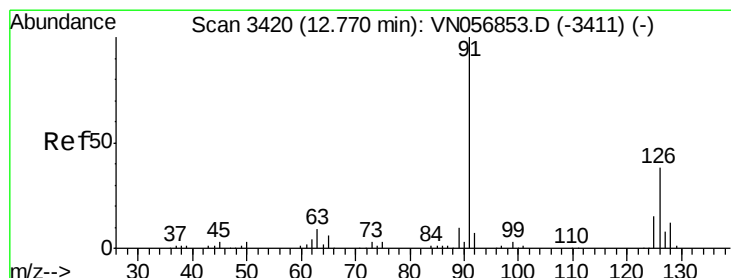
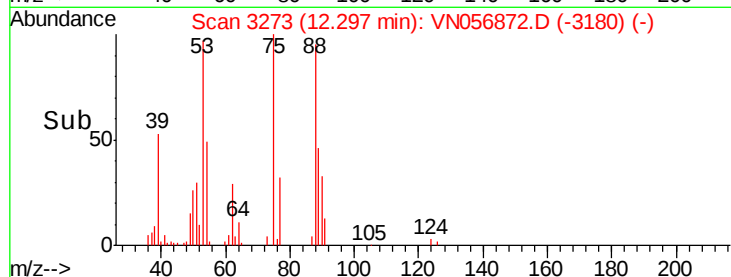
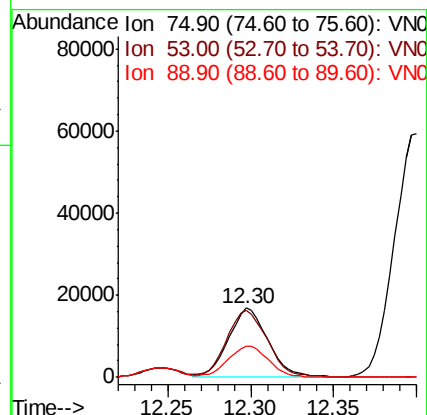
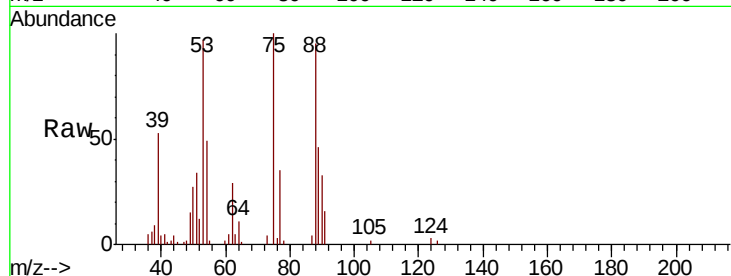
Tot Ion: 75 Resp: 28209

Ion Ratio Lower Upper

75 100

53 99.2 72.3 108.5

89 46.3 36.2 54.4



#82

4-Chlorotoluene

Concen: 20.393 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN056872.D

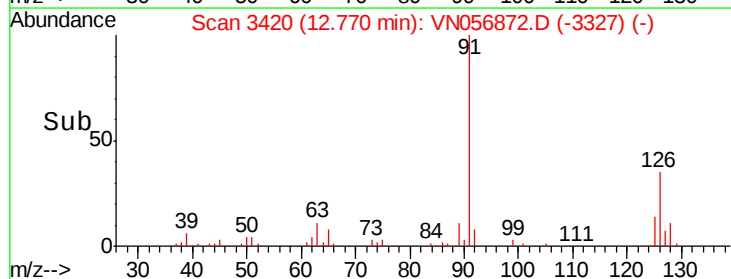
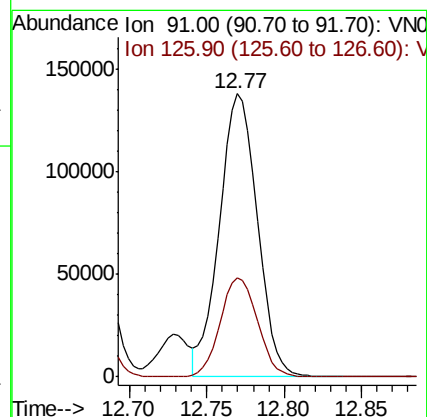
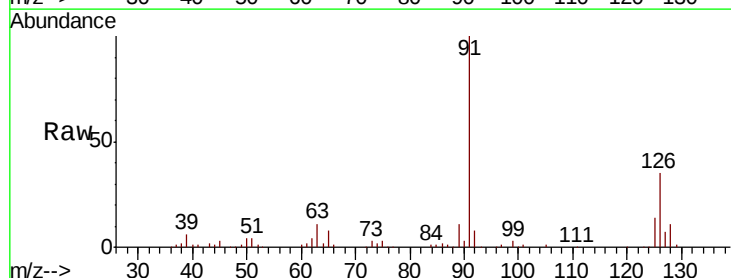
Acq: 23 Jul 2019 12:34

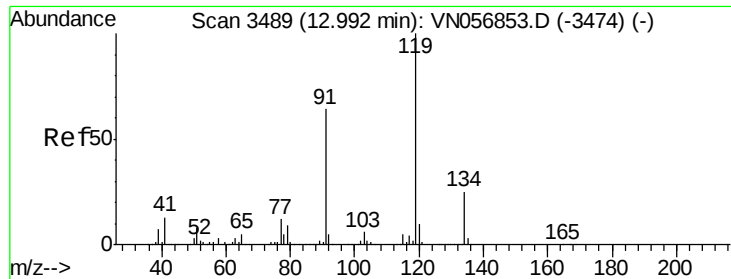
Tgt Ion: 91 Resp: 234027

Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0

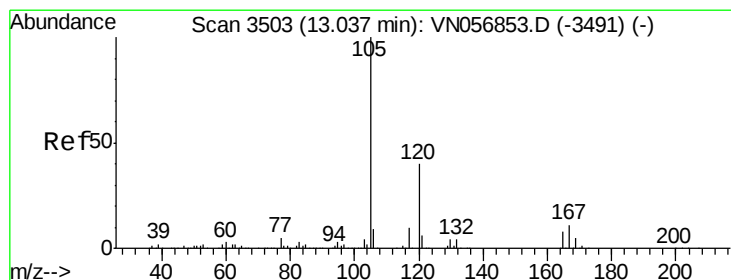
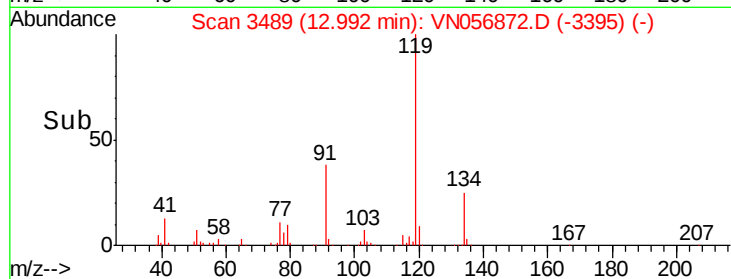
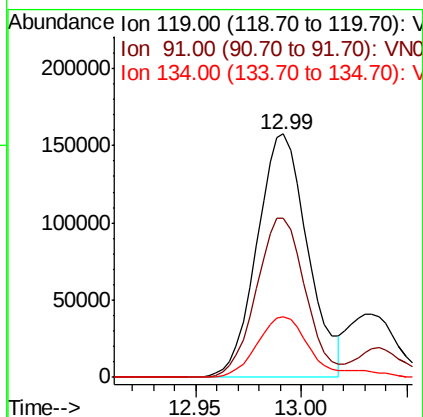
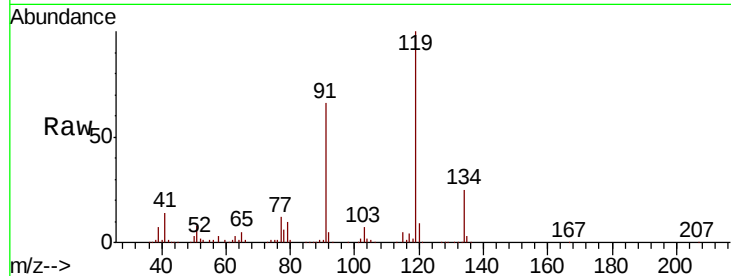




#83
 tert-Butylbenzene
 Concen: 20.579 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056872.D
 Acq: 23 Jul 2019 12:34

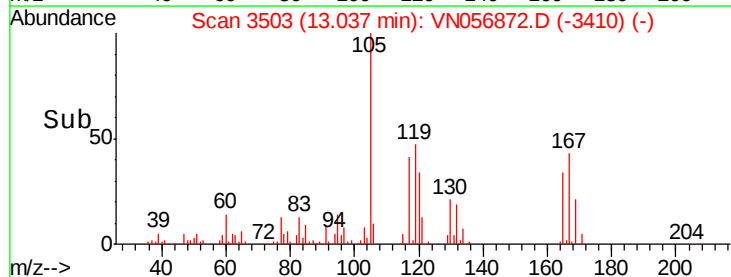
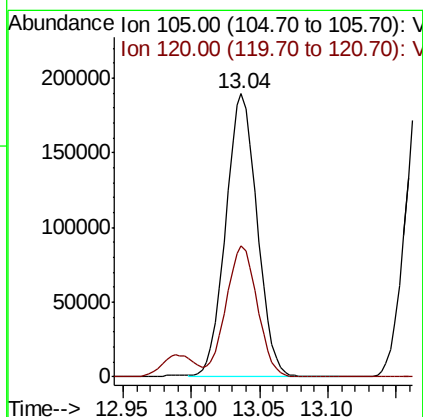
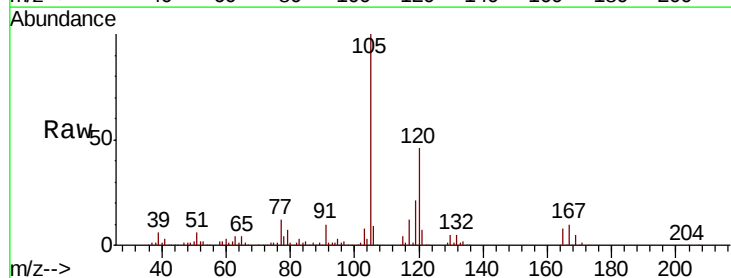
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

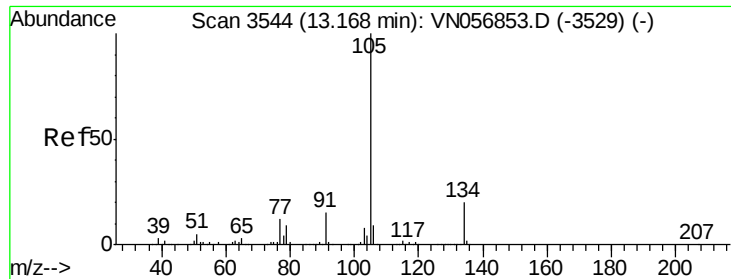
Tot Ion:119 Resp: 263279
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.5 94.5
 134 25.2 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.884 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056872.D
 Acq: 23 Jul 2019 12:34

Tgt Ion:105 Resp: 303626
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.420 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

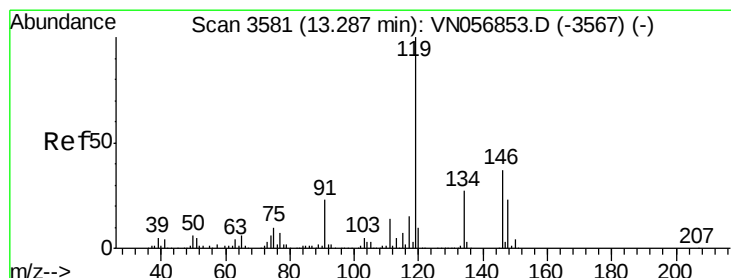
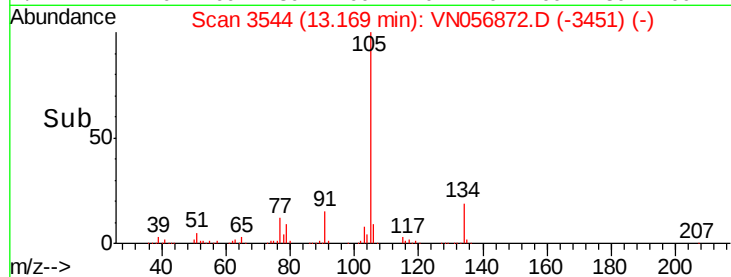
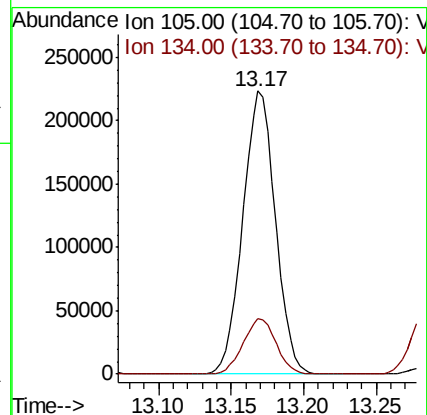
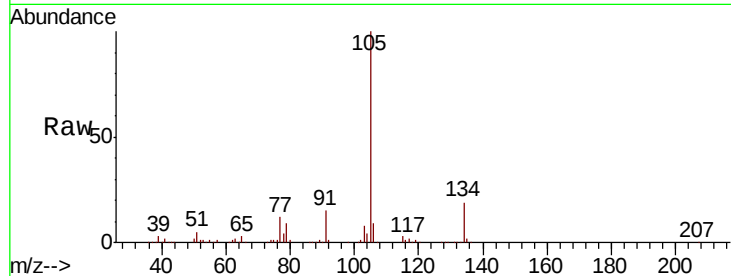
VN0723WBS01

Tot Ion:105 Resp: 348877

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.080 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

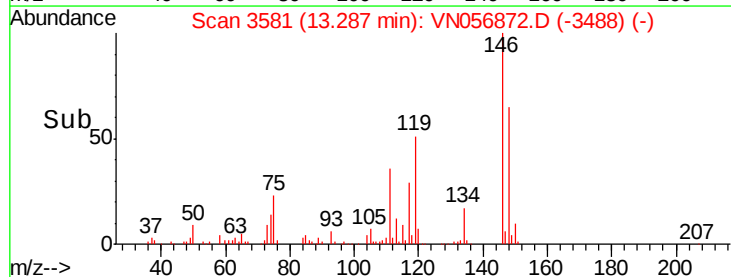
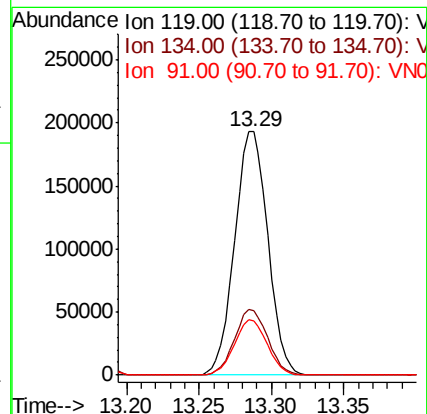
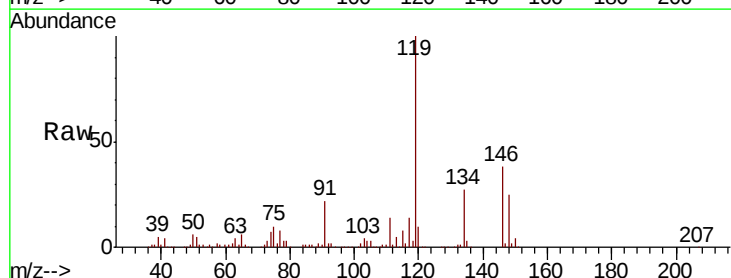
Tgt Ion:119 Resp: 305621

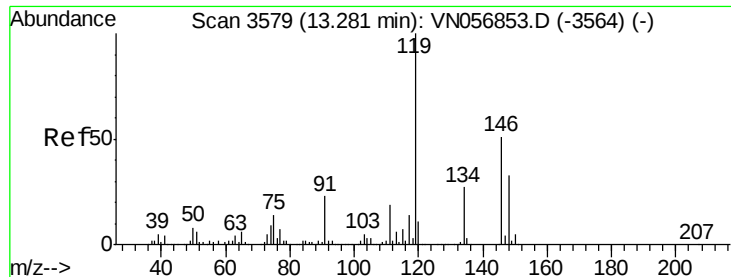
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.420 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

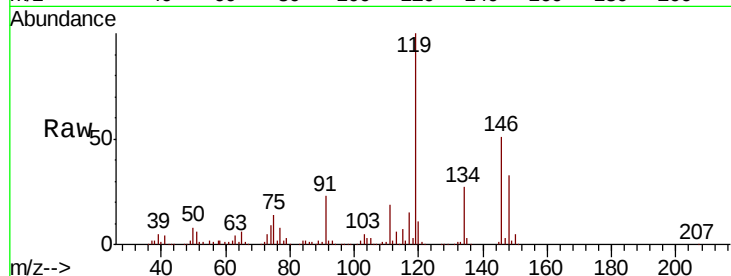
Tot Ion:146 Resp: 149835

Ion Ratio Lower Upper

146 100

111 36.9 18.9 56.5

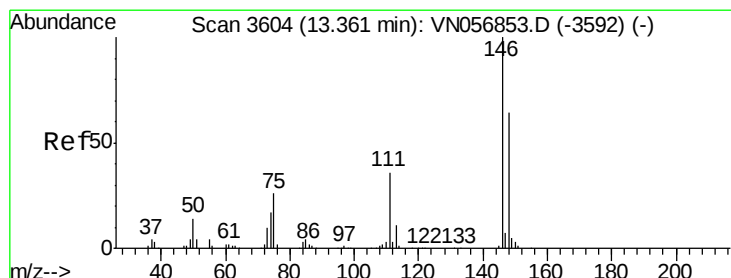
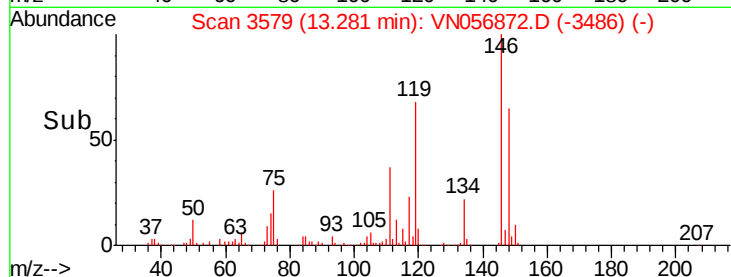
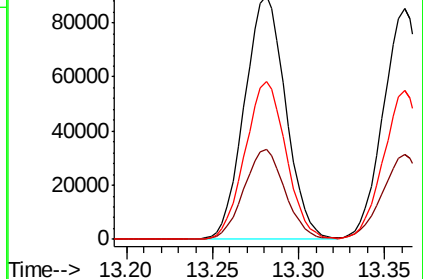
148 64.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.890 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

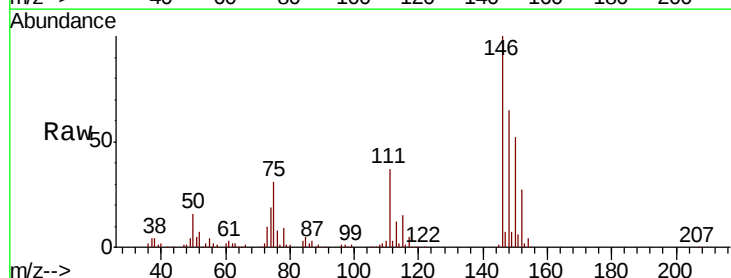
Tgt Ion:146 Resp: 141784

Ion Ratio Lower Upper

146 100

111 37.3 18.3 54.9

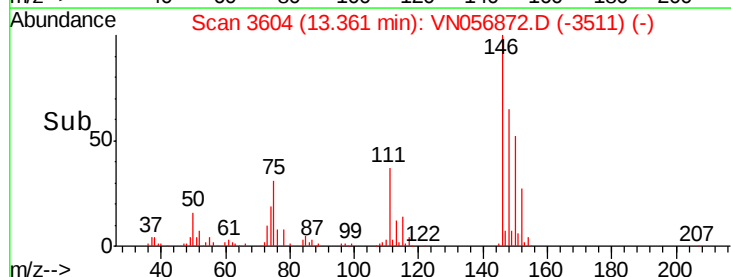
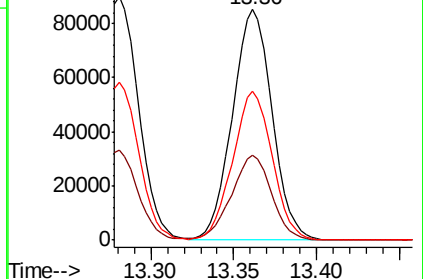
148 64.4 32.1 96.3

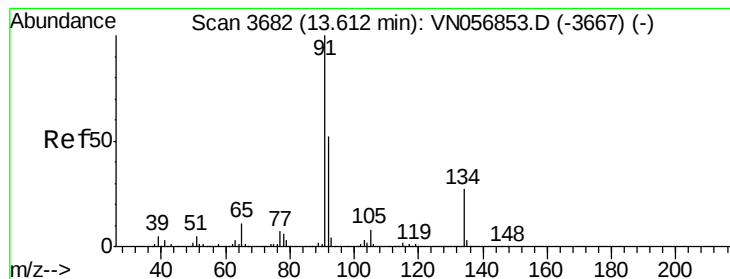


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

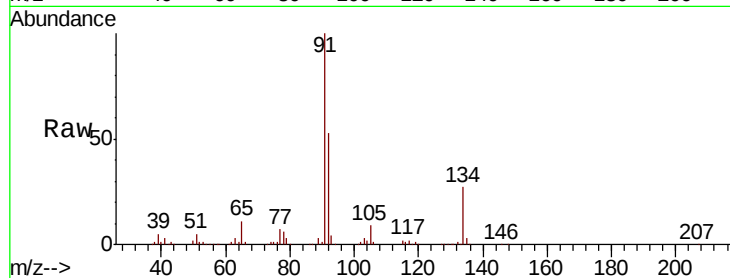




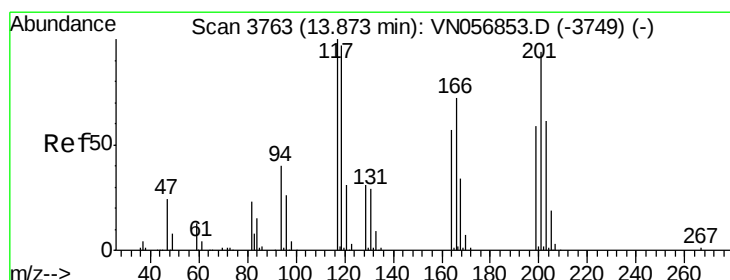
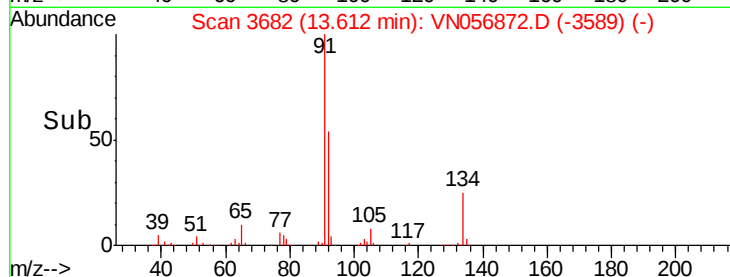
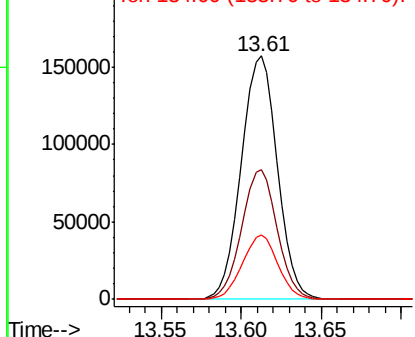
#89
n-Butylbenzene
Concen: 20.598 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tot Ion: 91 Resp: 241045
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 26.1 13.3 39.9

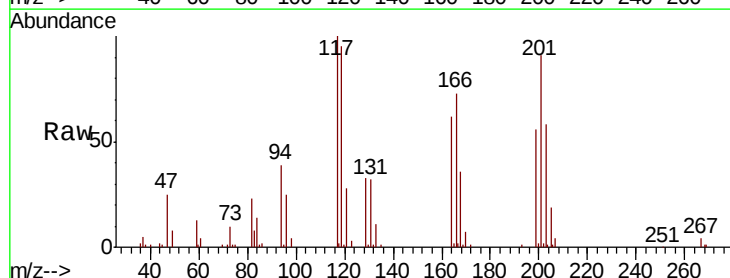


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

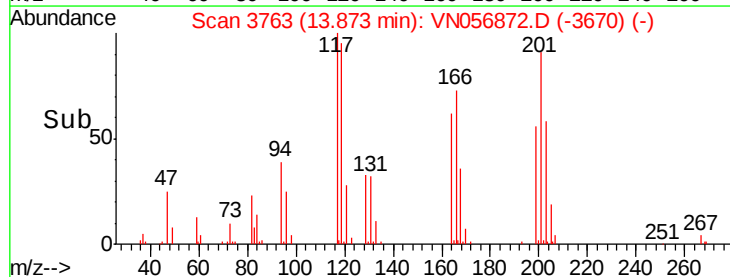
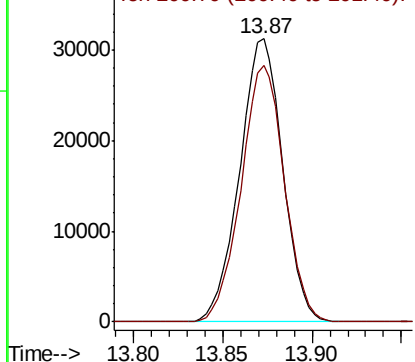


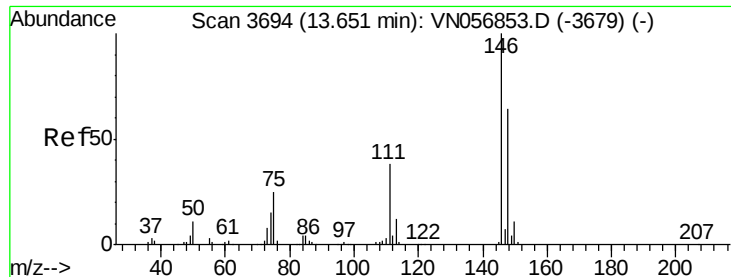
#90
Hexachloroethane
Concen: 19.731 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056872.D
Acq: 23 Jul 2019 12:34

Tgt Ion: 117 Resp: 52430
Ion Ratio Lower Upper
117 100
201 91.1 47.1 141.3



Abundance Ion 116.80 (116.50 to 117.50): VN0
Ion 200.70 (200.40 to 201.40): VN0





#91

1,2-Dichlorobenzene

Concen: 20.481 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampled :

VN0723WBS01

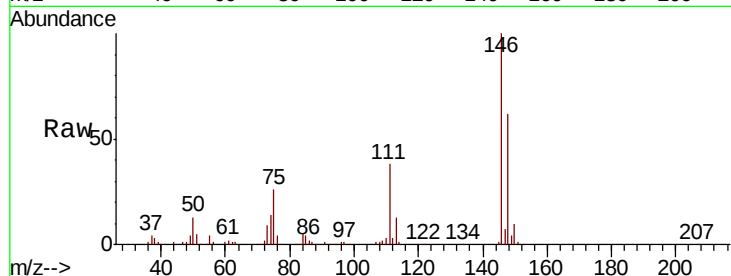
Tot Ion:146 Resp: 151047

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

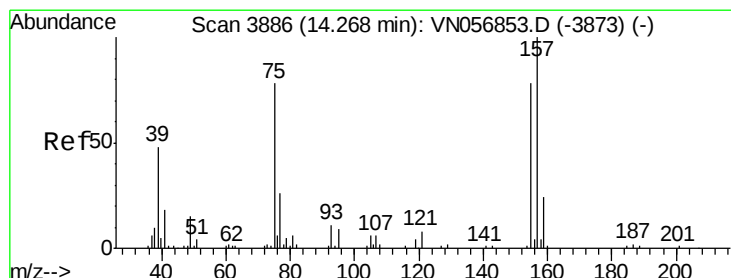
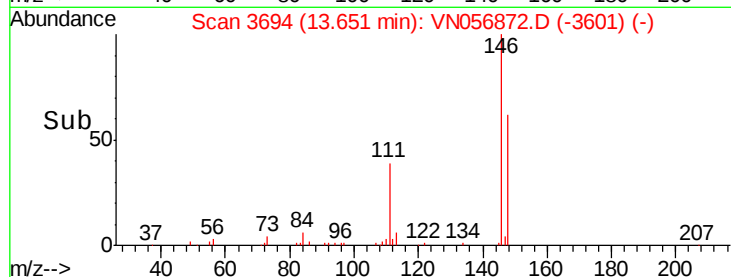
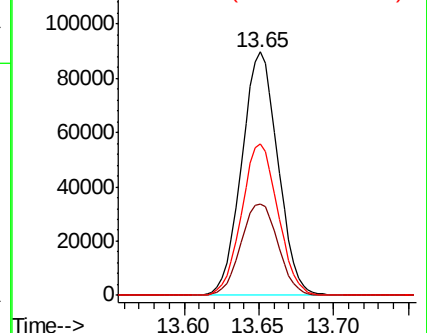
148 62.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.890 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

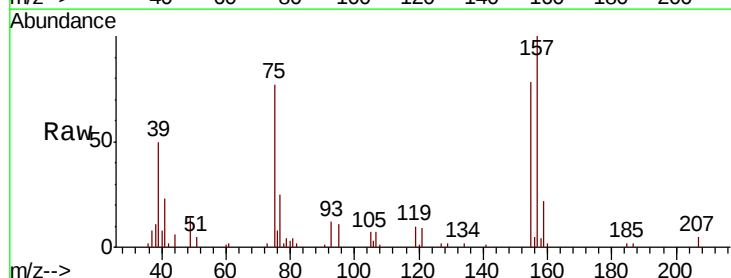
Tgt Ion: 75 Resp: 15971

Ion Ratio Lower Upper

75 100

155 99.4 49.9 149.6

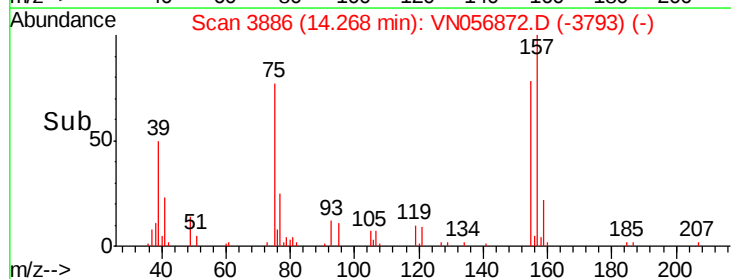
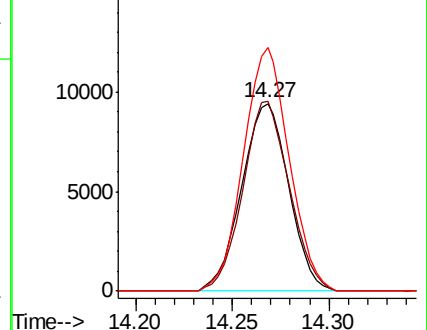
157 125.9 64.8 194.4

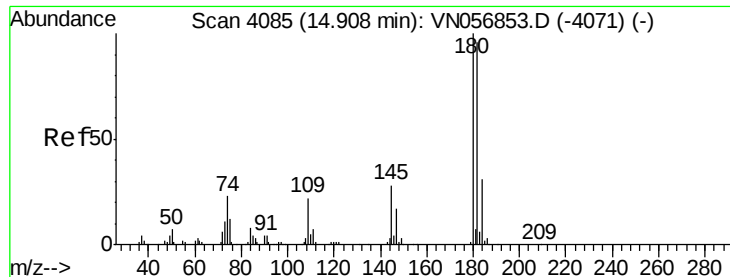


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

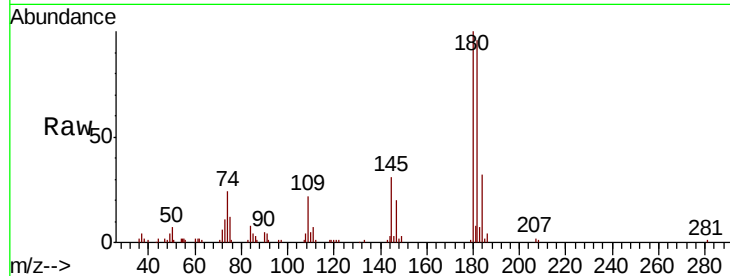




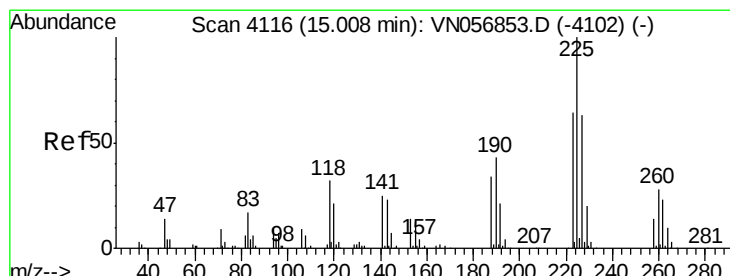
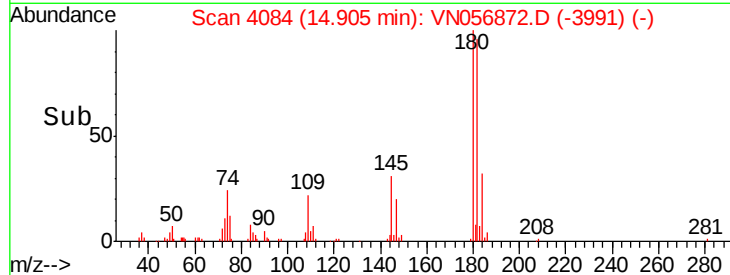
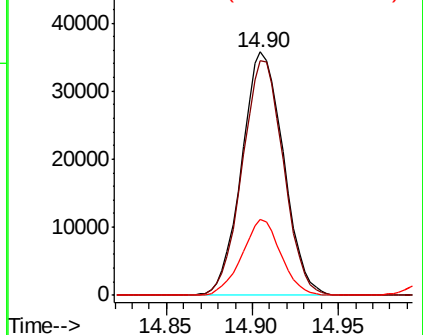
#93
 1,2,4-Trichlorobenzene
 Concen: 18.055 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056872.D
 Acq: 23 Jul 2019 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tot Ion:180 Resp: 60168
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.7
 145 29.1 14.1 42.3

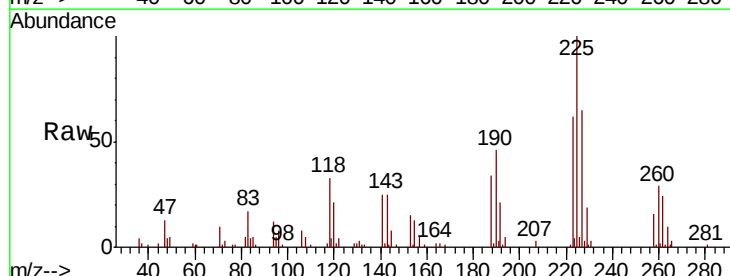


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

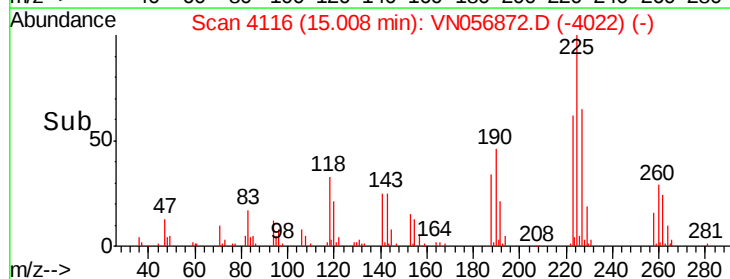
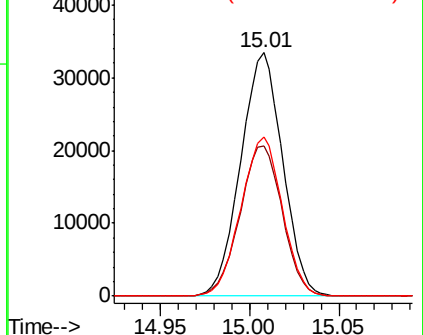


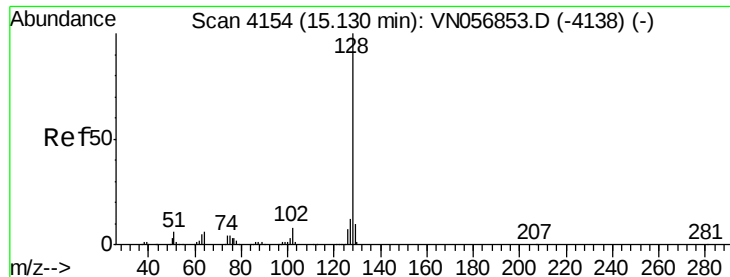
#94
 Hexachlorobutadiene
 Concen: 20.874 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056872.D
 Acq: 23 Jul 2019 12:34

Tgt Ion:225 Resp: 55074
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.9 95.5
 227 64.3 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.704 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

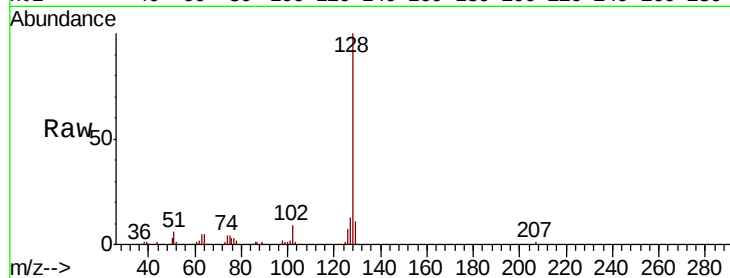
Tot Ion:128 Resp: 155006

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

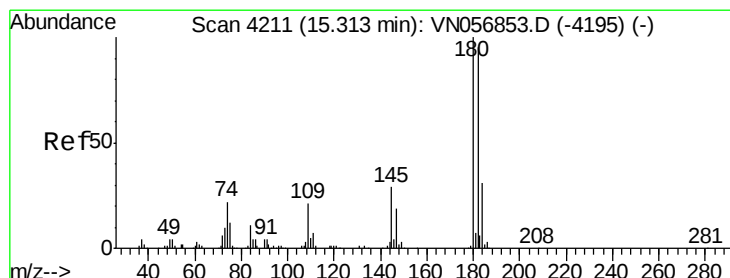
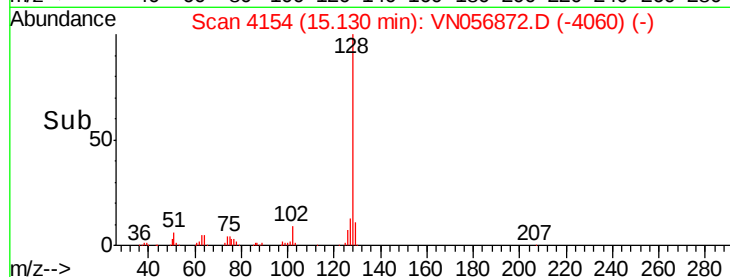
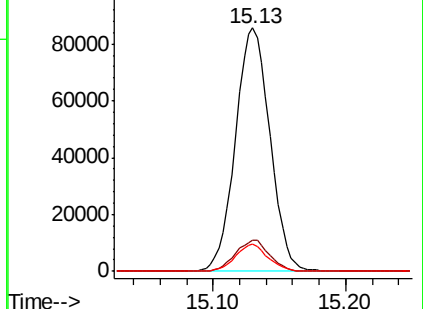
129 10.5 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.541 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056872.D

Acq: 23 Jul 2019 12:34

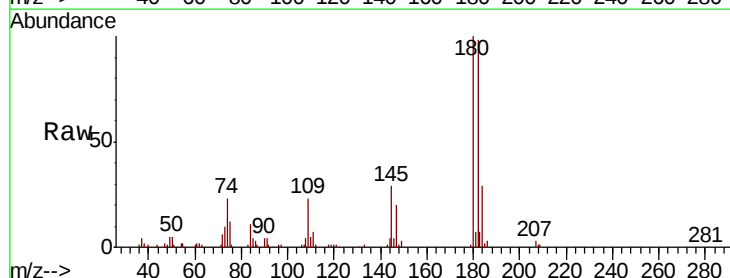
Tgt Ion:180 Resp: 68430

Ion Ratio Lower Upper

180 100

182 96.0 48.1 144.3

145 29.2 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

