

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056860.D
 Acq On : 22 Jul 2019 17:46
 Operator : JC/SP
 Sample : VN0722WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Quant Time: Jul 23 02:11:31 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	340215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	516866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	455145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180339	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	192706	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
35) Dibromofluoromethane	7.59	113	172417	52.63	ug/l	0.00
Spiked Amount			Recovery	=	105.26%	
50) Toluene-d8	10.09	98	664439	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.40	95	208366	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	86370	20.503	ug/l	96
3) Chloromethane	2.06	50	99384	20.931	ug/l	99
4) Vinyl Chloride	2.18	62	93268	21.383	ug/l	99
5) Bromomethane	2.55	94	57609	21.713	ug/l	94
6) Chloroethane	2.70	64	50468	21.113	ug/l	98
7) Trichlorofluoromethane	3.01	101	111978	21.014	ug/l	100
8) Diethyl Ether	3.40	74	41241	20.770	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	69995	21.239	ug/l	98
10) Methyl Iodide	3.94	142	90353	19.580	ug/l	99
11) Tert butyl alcohol	4.82	59	51442	99.790	ug/l	100
12) 1,1-Dichloroethene	3.73	96	69842	21.154	ug/l	97
13) Acrolein	3.60	56	38827	90.521	ug/l	98
14) Allyl chloride	4.31	41	112999	20.818	ug/l	99
15) Acrylonitrile	4.99	53	166679	107.453	ug/l	98
16) Acetone	3.82	43	134039	102.571	ug/l	97
17) Carbon Disulfide	4.04	76	179802	19.953	ug/l	99
18) Methyl Acetate	4.33	43	95058	21.132	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	208309	21.356	ug/l	100
20) Methylene Chloride	4.54	84	80460	20.591	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	72052	20.892	ug/l	98
22) Diisopropyl ether	5.96	45	237578	21.650	ug/l	99
23) Vinyl Acetate	5.90	43	840962	106.093	ug/l	100
24) 1,1-Dichloroethane	5.85	63	137955	21.699	ug/l	99
25) 2-Butanone	6.84	43	207678	108.119	ug/l	99
26) 2,2-Dichloropropane	6.82	77	94996	21.353	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	84214	21.300	ug/l	100
28) Bromochloromethane	7.19	49	64683	22.413	ug/l	99
29) Tetrahydrofuran	7.22	42	142238	107.703	ug/l	99
30) Chloroform	7.37	83	134408	21.089	ug/l	97
31) Cyclohexane	7.65	56	128473	20.828	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	109227	21.184	ug/l	98
36) 1,1-Dichloropropene	7.79	75	100328	21.048	ug/l	98
37) Ethyl Acetate	6.93	43	86940	22.618	ug/l	99
38) Carbon Tetrachloride	7.77	117	92660	20.421	ug/l	98

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 Data File : VN056860.D
 Acq On : 22 Jul 2019 17:46
 Operator : JC/SP
 Sample : VN0722WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Quant Time: Jul 23 02:11:31 2019
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 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)
39) Methylcyclohexane	9.08	83	121914	20.440	ug/l	99
40) Benzene	8.04	78	311710	21.053	ug/l	100
41) Methacrylonitrile	7.18	41	39924	20.919	ug/l	98
42) 1,2-Dichloroethane	8.12	62	100646	21.756	ug/l	100
43) Isopropyl Acetate	8.17	43	137679	20.835	ug/l	99
44) Trichloroethene	8.83	130	82638	20.839	ug/l	96
45) 1,2-Dichloropropane	9.12	63	83198	20.859	ug/l	97
46) Dibromomethane	9.21	93	51898	21.080	ug/l	99
47) Bromodichloromethane	9.40	83	96995	20.950	ug/l	98
48) Methyl methacrylate	9.20	41	69417	20.999	ug/l	99
49) 1,4-Dioxane	9.20	88	27910	430.436	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	427022	108.367	ug/l	100
52) Toluene	10.16	92	190083	21.335	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	98498	20.729	ug/l	95
54) cis-1,3-Dichloropropene	9.84	75	117484	20.972	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	74869	21.172	ug/l	99
56) Ethyl methacrylate	10.43	69	104985	21.386	ug/l	98
57) 1,3-Dichloropropane	10.71	76	125282	21.403	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	214243	96.277	ug/l	100
59) 2-Hexanone	10.75	43	292742	107.326	ug/l	98
60) Dibromochloromethane	10.90	129	73991	20.851	ug/l	100
61) 1,2-Dibromoethane	11.00	107	75637	21.536	ug/l	98
64) Tetrachloroethene	10.63	164	83527	21.392	ug/l	96
65) Chlorobenzene	11.43	112	197532	20.884	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	74782	20.972	ug/l	100
67) Ethyl Benzene	11.51	91	347119	21.259	ug/l	99
68) m/p-Xylenes	11.62	106	259189	42.401	ug/l	99
69) o-Xylene	11.95	106	127459	21.359	ug/l	99
70) Styrene	11.96	104	206178	20.004	ug/l	99
71) Bromoform	12.12	173	50266	20.342	ug/l #	100
73) Isopropylbenzene	12.25	105	338915	22.722	ug/l	99
74) N-amyl acetate	12.07	43	110446	20.859	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	96681	22.732	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	114546	30.648	ug/l #	100
77) Bromobenzene	12.52	156	85435	21.719	ug/l	98
78) n-propylbenzene	12.59	91	359626	21.695	ug/l	99
79) 2-Chlorotoluene	12.67	91	221650	22.582	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	280527	22.304	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	24993	21.418	ug/l	95
82) 4-Chlorotoluene	12.77	91	206448	20.934	ug/l	99
83) tert-Butylbenzene	12.99	119	243468	22.419	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	276770	22.153	ug/l	99
85) sec-Butylbenzene	13.17	105	314518	21.422	ug/l	100
86) p-Isopropyltoluene	13.29	119	279968	21.405	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	131977	20.930	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	128904	21.043	ug/l	99
89) n-Butylbenzene	13.61	91	214418	21.322	ug/l	99
90) Hexachloroethane	13.87	117	47232	20.684	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	133834	21.117	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14004	20.295	ug/l	95

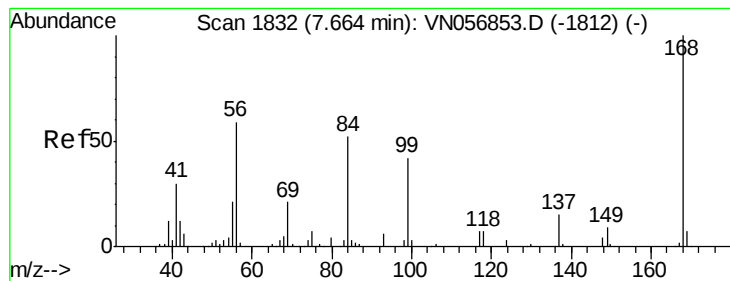
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
Data File : VN056860.D
Acq On : 22 Jul 2019 17:46
Operator : JC/SP
Sample : VN0722WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Quant Time: Jul 23 02:11:31 2019
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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	14.91	180	53279	18.478	ug/l	99
94) Hexachlorobutadiene	15.01	225	49247	21.831	ug/l	99
95) Naphthalene	15.13	128	135357	17.931	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	60369	18.969	ug/l	98

(#) = 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: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

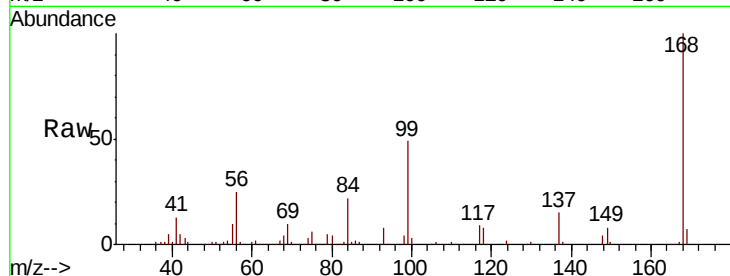
VN0722WBSD01

Tot Ion:168 Resp: 340215

Ion Ratio Lower Upper

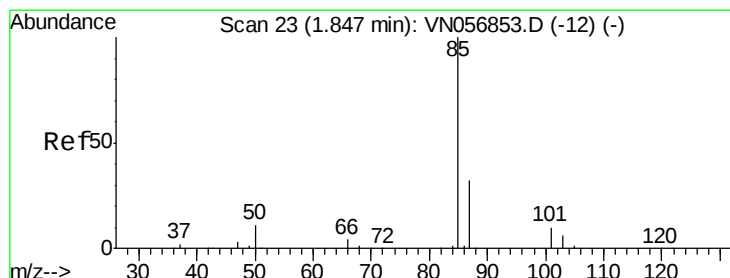
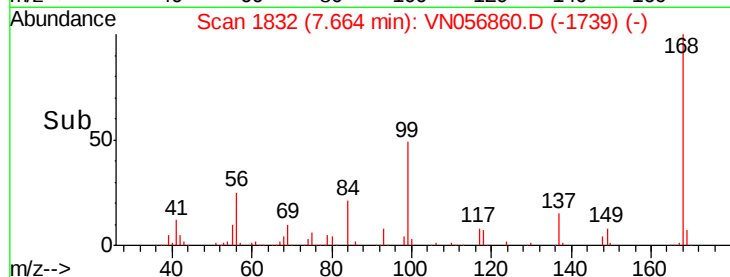
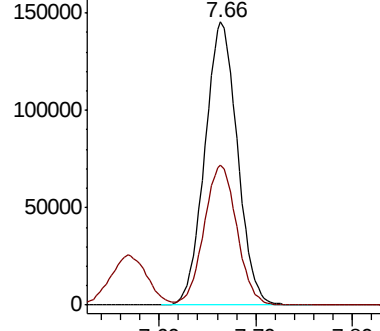
168 100

99 49.2 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 20.503 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056860.D

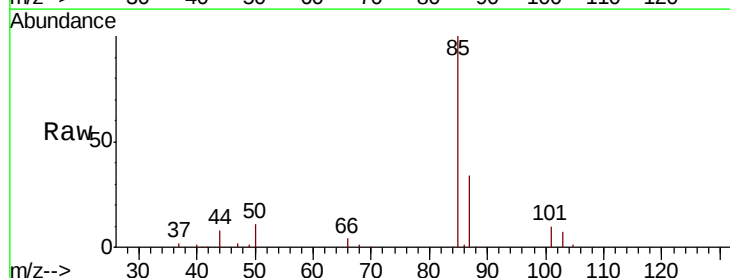
Acq: 22 Jul 2019 17:46

Tgt Ion: 85 Resp: 86370

Ion Ratio Lower Upper

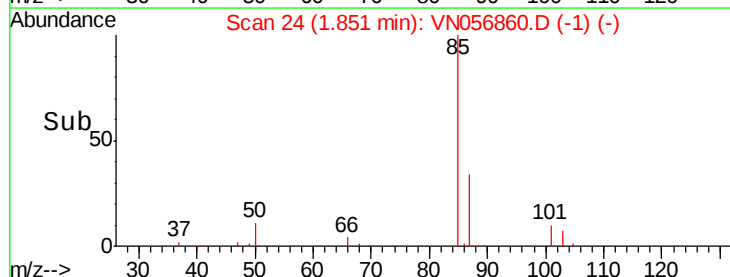
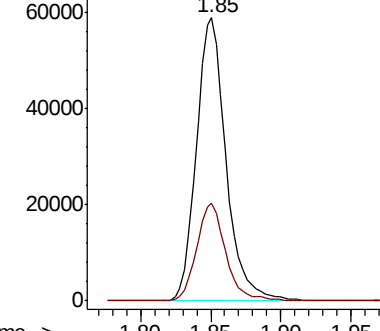
85 100

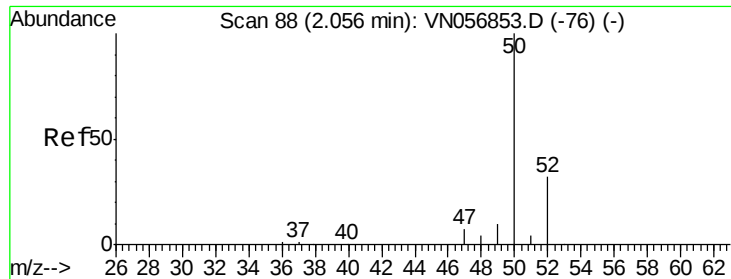
87 34.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 20.931 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

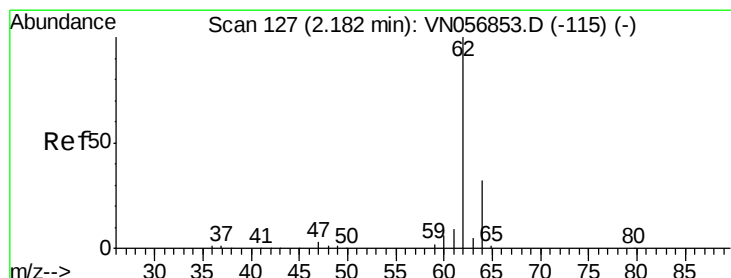
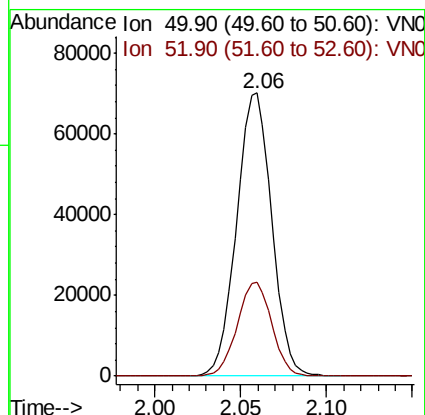
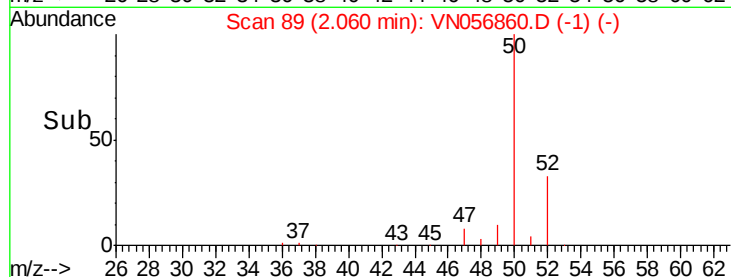
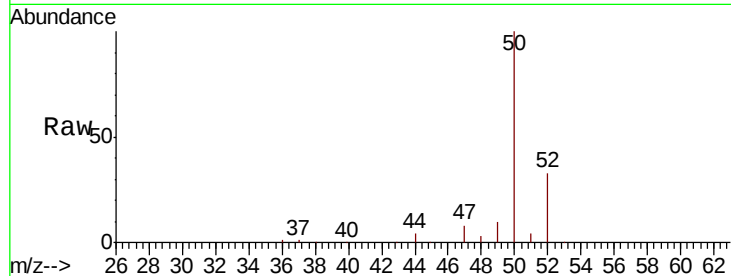
VN0722WBSD01

Tot Ion: 50 Resp: 99384

Ion Ratio Lower Upper

50 100

52 33.2 25.9 38.9



#4

Vinyl Chloride

Concen: 21.383 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056860.D

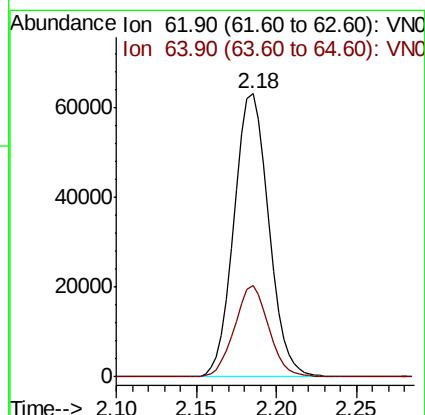
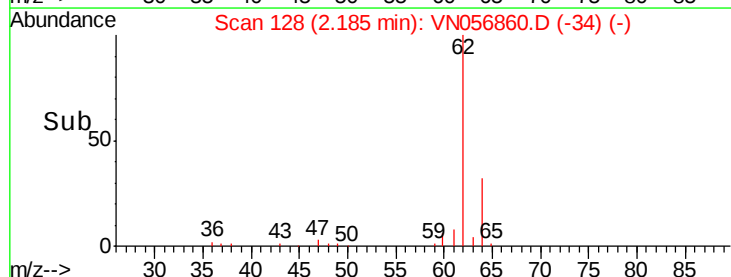
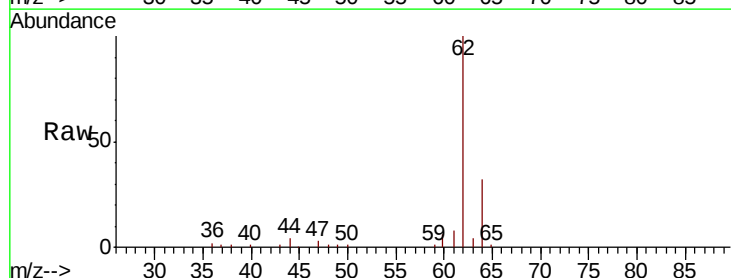
Acq: 22 Jul 2019 17:46

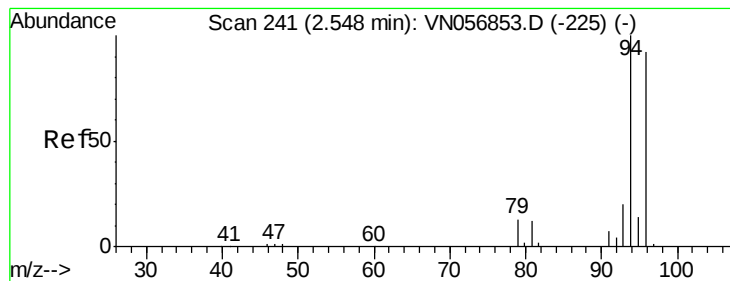
Tgt Ion: 62 Resp: 93268

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 21.713 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

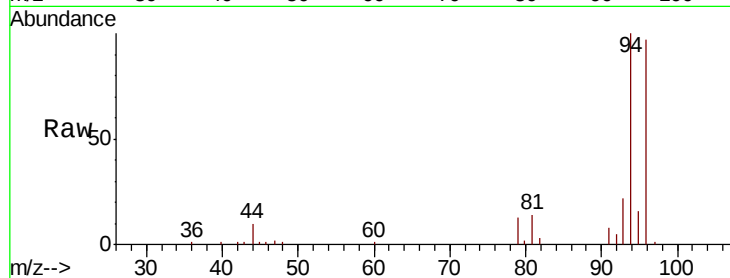
VN0722WBSD01

Tot Ion: 94 Resp: 57609

Ion Ratio Lower Upper

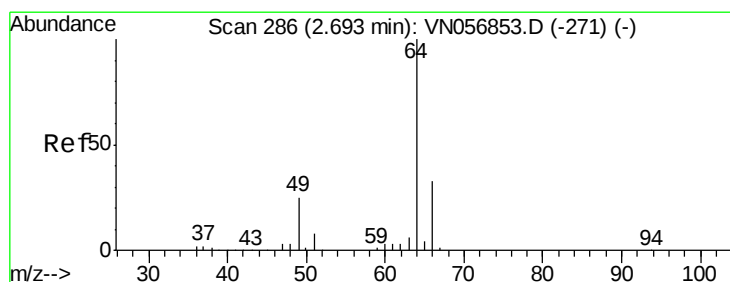
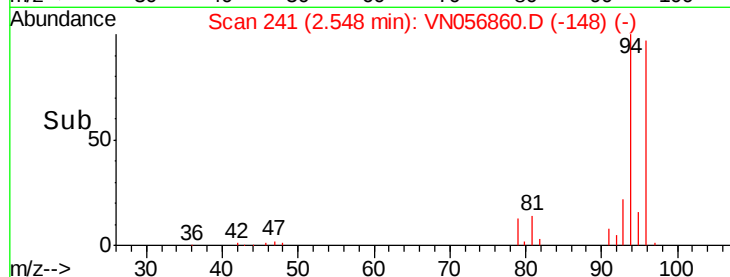
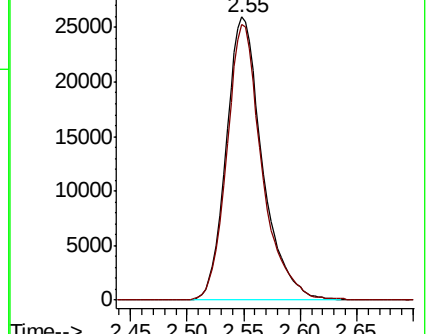
94 100

96 97.3 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.113 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.00 min

Lab File: VN056860.D

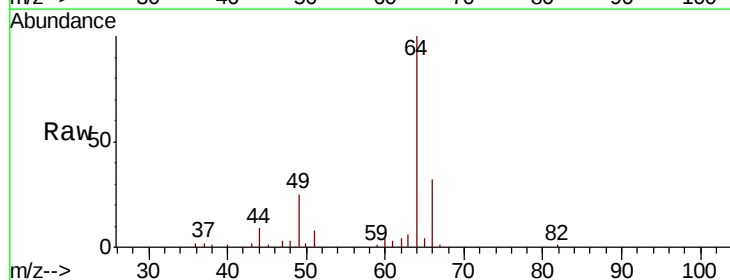
Acq: 22 Jul 2019 17:46

Tgt Ion: 64 Resp: 50468

Ion Ratio Lower Upper

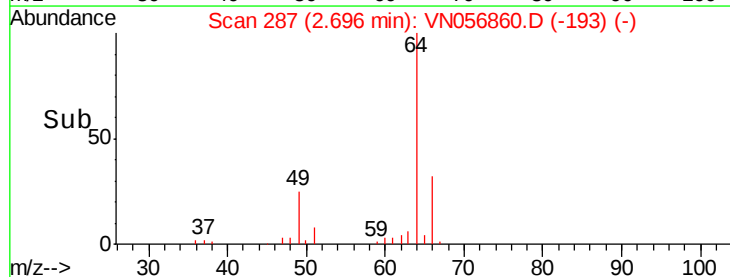
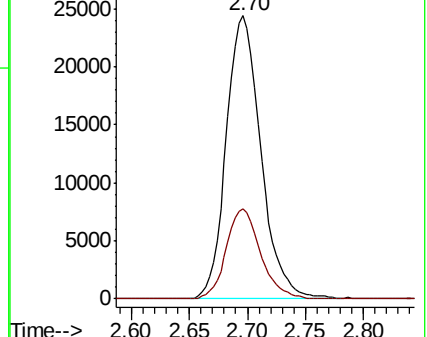
64 100

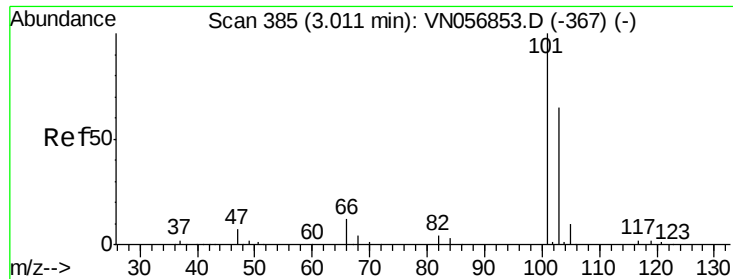
66 31.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



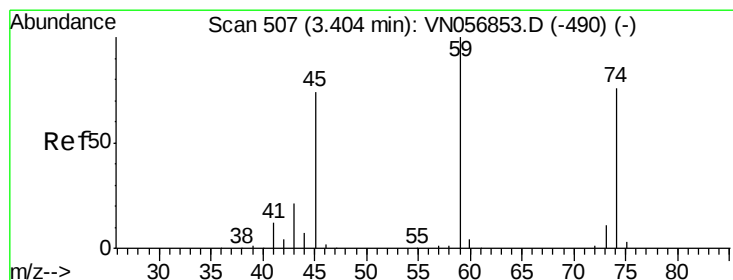
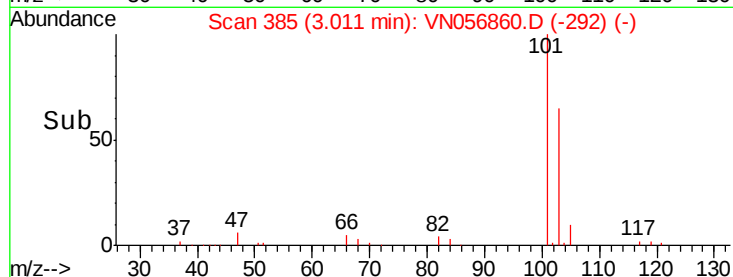
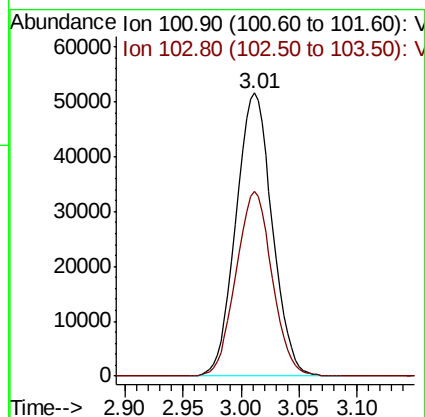
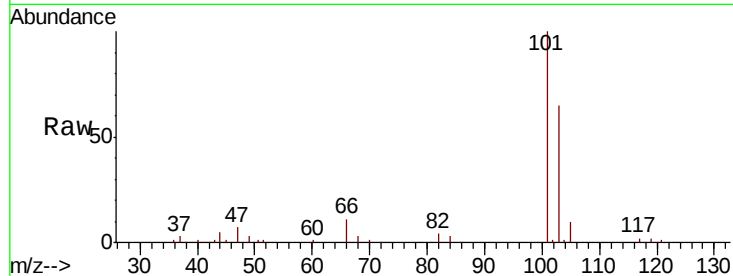


#7

Trichlorofluoromethane
 Concen: 21.014 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

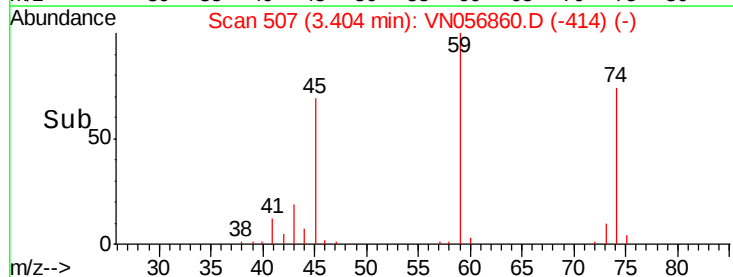
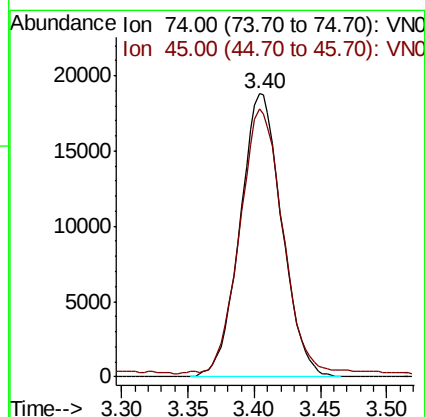
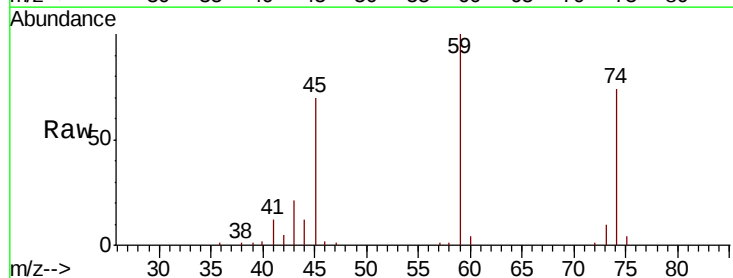
Tot Ion:101 Resp: 111978
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.3 78.5

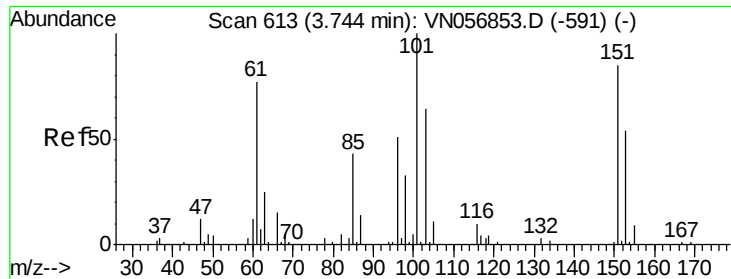


#8

Diethyl Ether
 Concen: 20.770 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

Tgt Ion: 74 Resp: 41241
 Ion Ratio Lower Upper
 74 100
 45 94.2 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.239 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

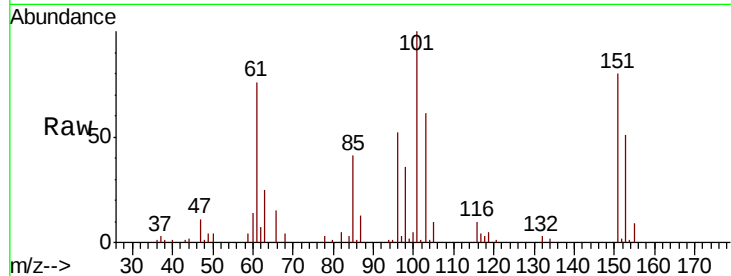
Tot Ion:101 Resp: 69995

Ion Ratio Lower Upper

101 100

85 42.2 33.7 50.5

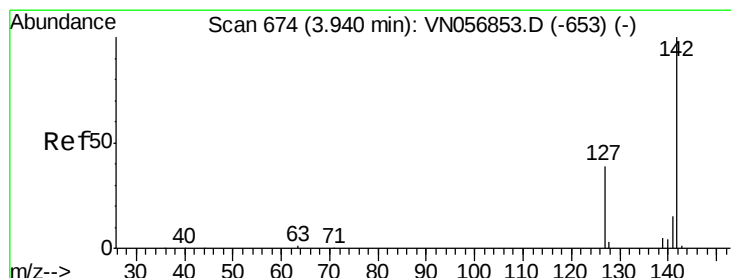
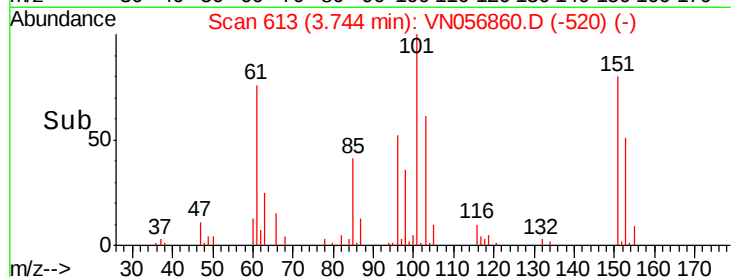
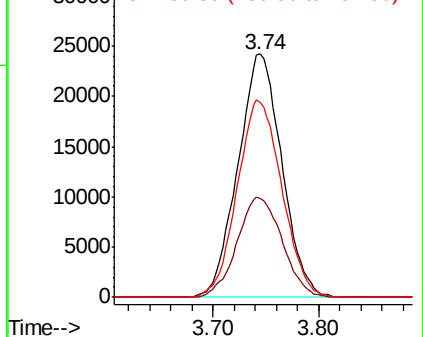
151 82.3 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.580 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

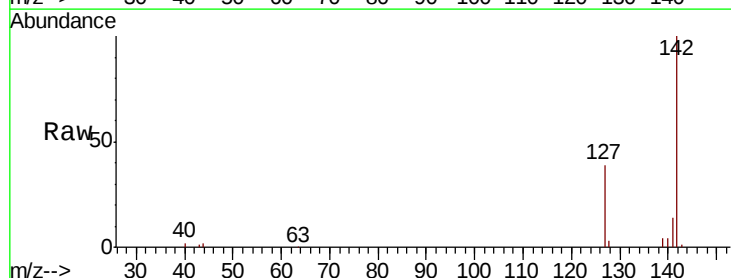
Tgt Ion:142 Resp: 90353

Ion Ratio Lower Upper

142 100

127 39.5 31.2 46.8

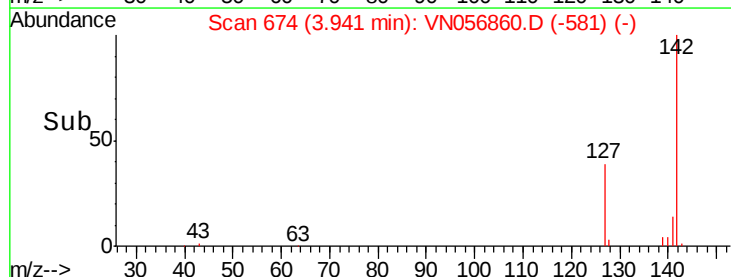
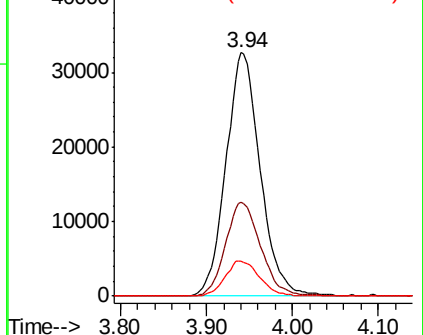
141 14.5 11.4 17.2

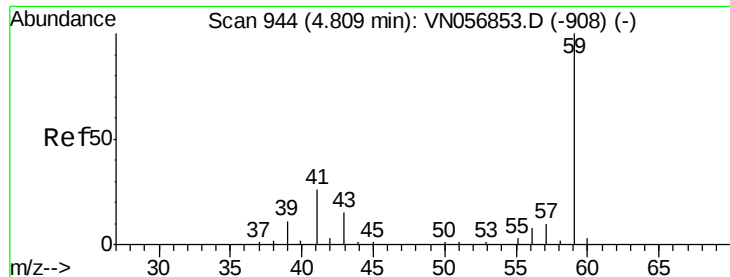


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

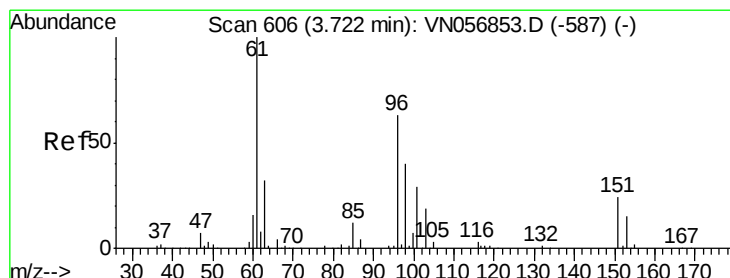
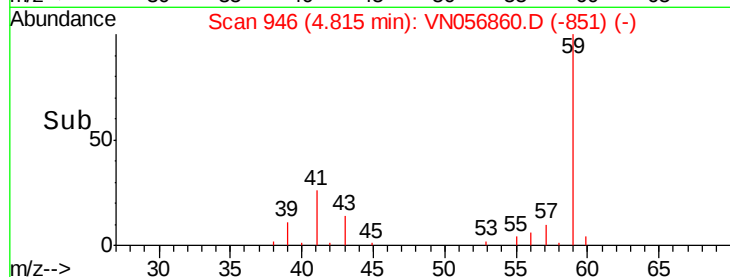
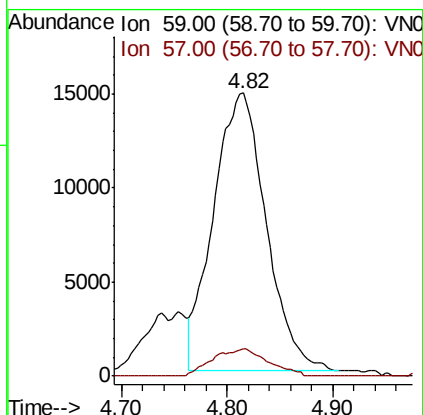
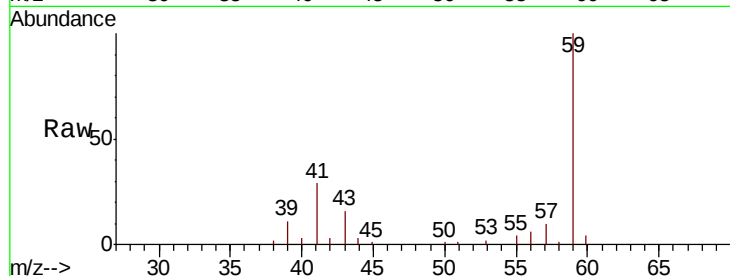




#11
Tert butyl alcohol
Concen: 99.790 ug/l
RT: 4.82 min Scan# 946
Delta R.T. 0.01 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

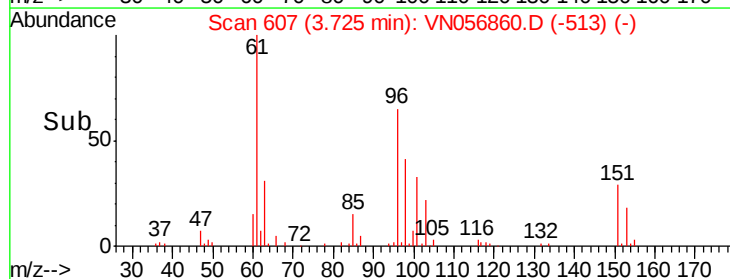
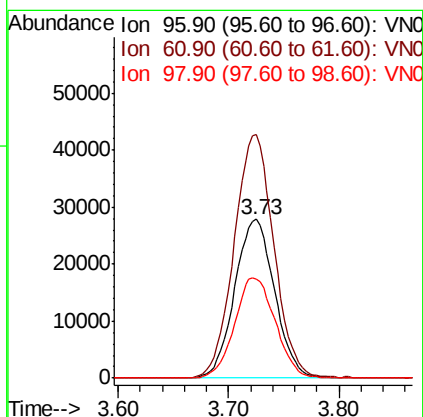
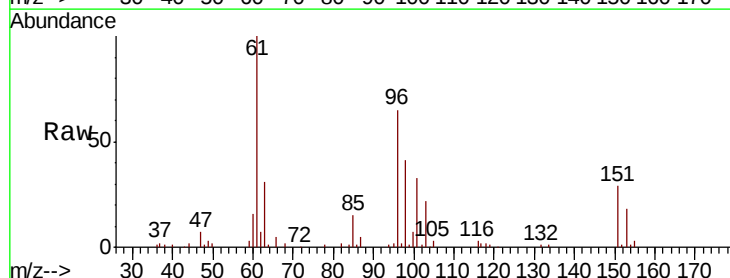
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

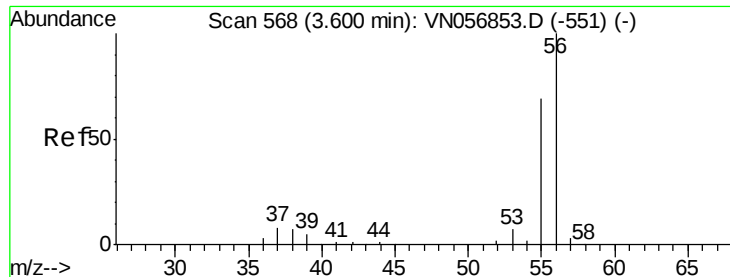
Tot Ion: 59 Resp: 51442
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 21.154 ug/l
RT: 3.73 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion: 96 Resp: 69842
Ion Ratio Lower Upper
96 100
61 153.6 126.3 189.5
98 62.5 51.0 76.4





#13

Acrolein

Concen: 90.521 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

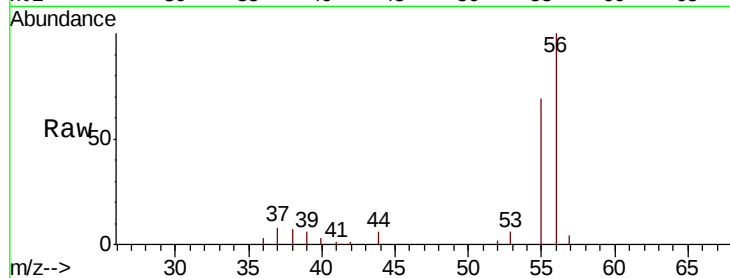
VN0722WBSD01

Tot Ion: 56 Resp: 38827

Ion Ratio Lower Upper

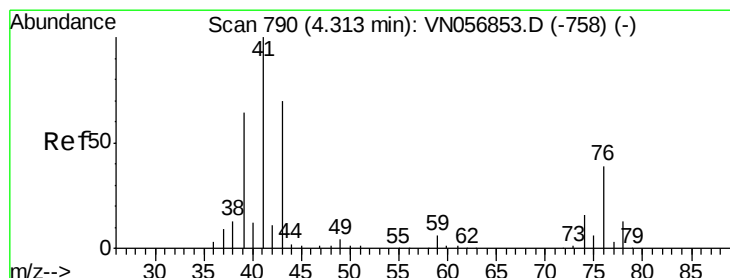
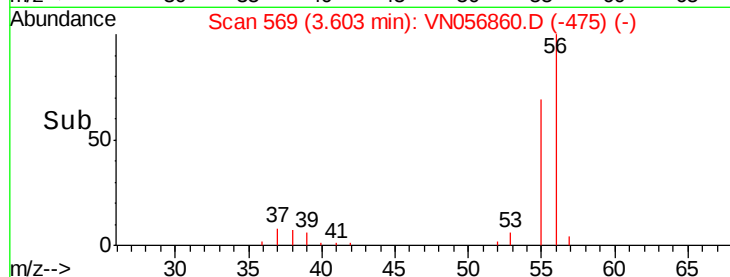
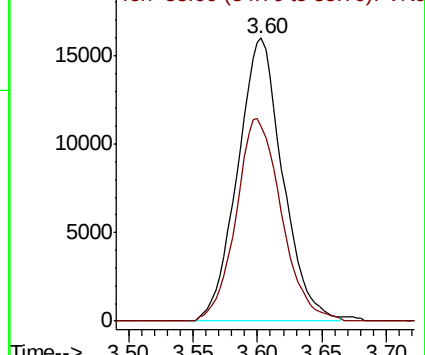
56 100

55 72.2 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: 20.818 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

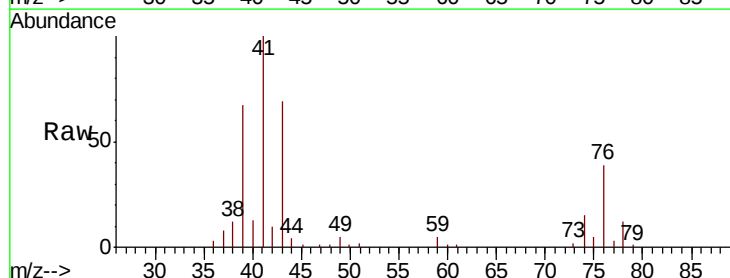
Tgt Ion: 41 Resp: 112999

Ion Ratio Lower Upper

41 100

39 60.7 47.8 71.6

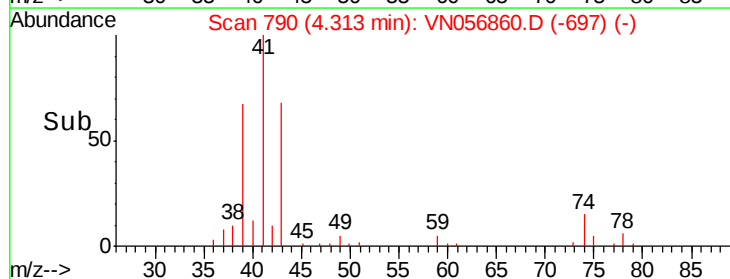
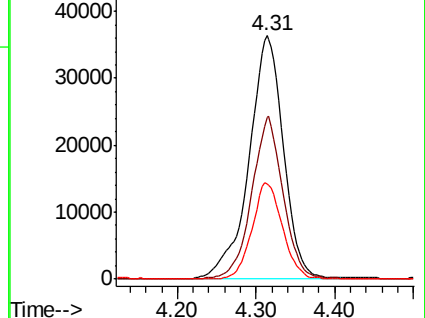
76 34.9 27.9 41.9

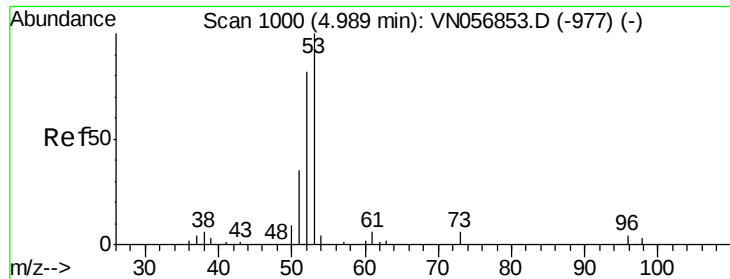


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 107.453 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

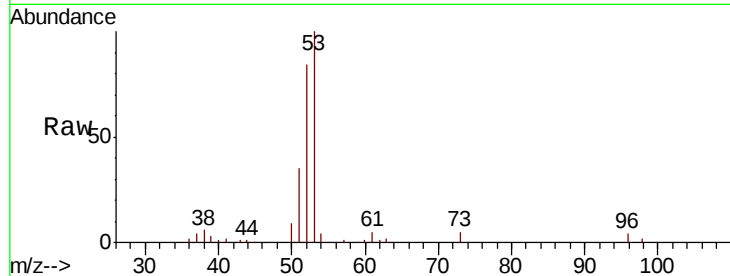
Tot Ion: 53 Resp: 166679

Ion Ratio Lower Upper

53 100

52 83.1 65.0 97.6

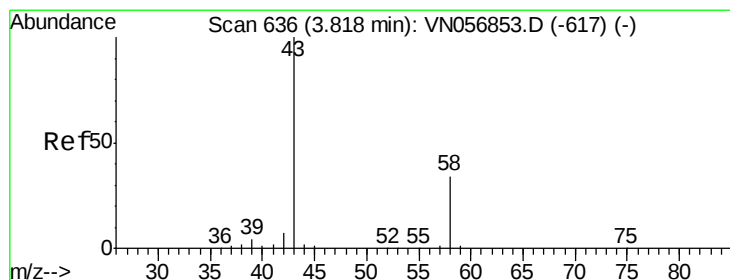
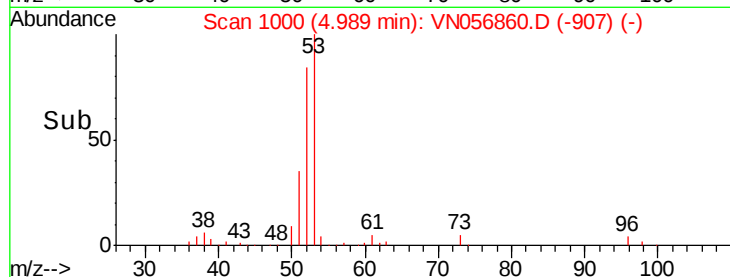
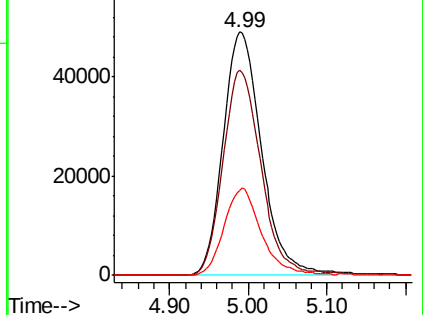
51 34.8 28.2 42.2



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: 102.571 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056860.D

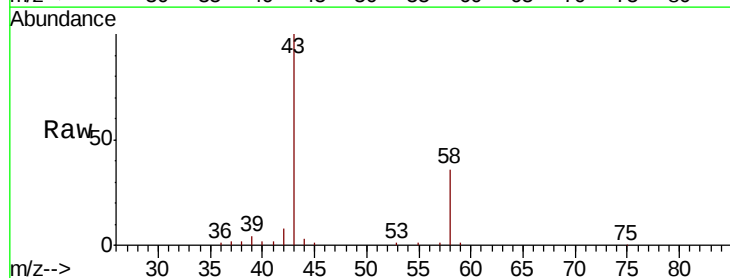
Acq: 22 Jul 2019 17:46

Tgt Ion: 43 Resp: 134039

Ion Ratio Lower Upper

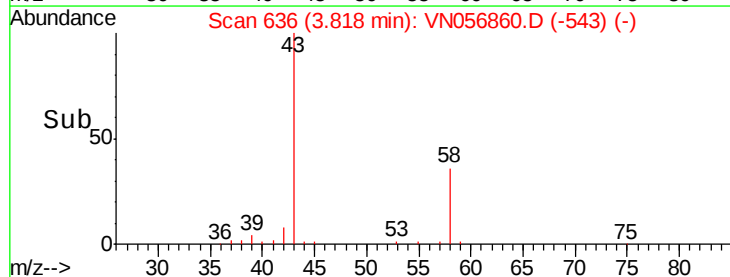
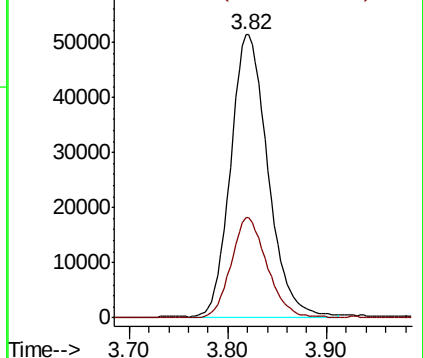
43 100

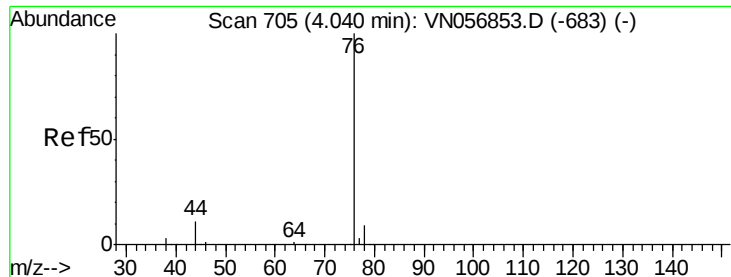
58 35.8 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

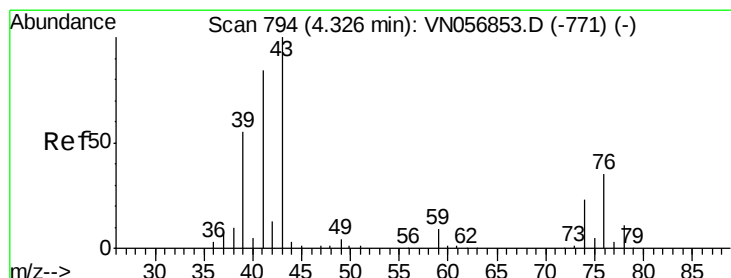
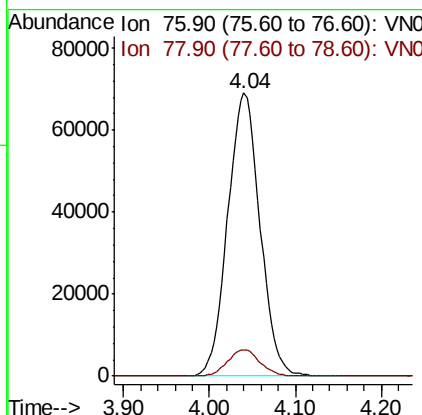
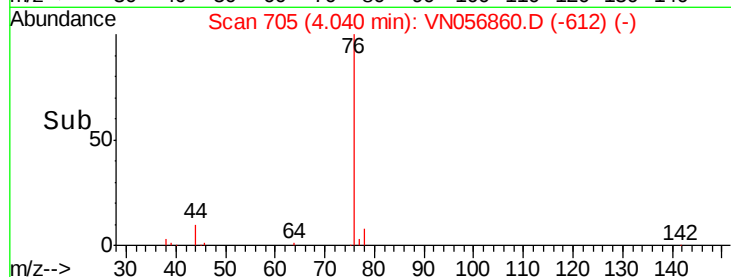
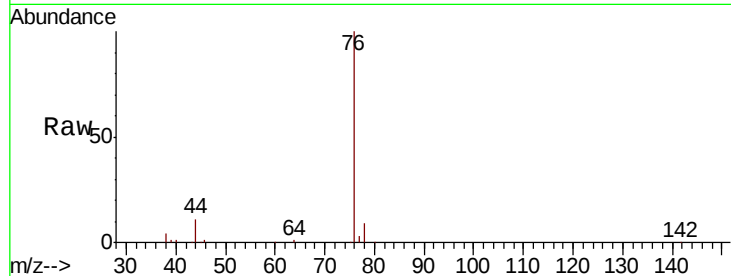




#17
Carbon Disulfide
Concen: 19.953 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

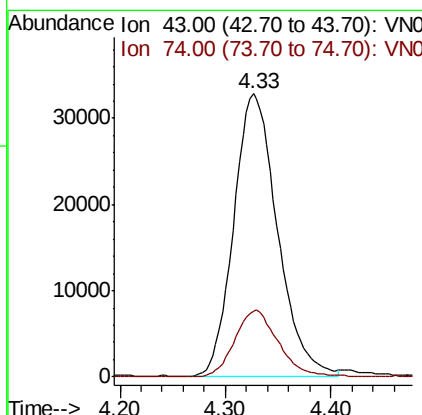
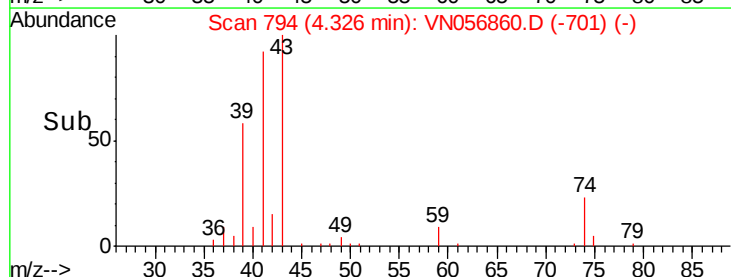
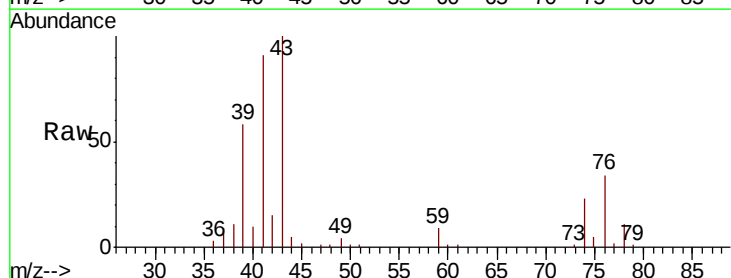
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

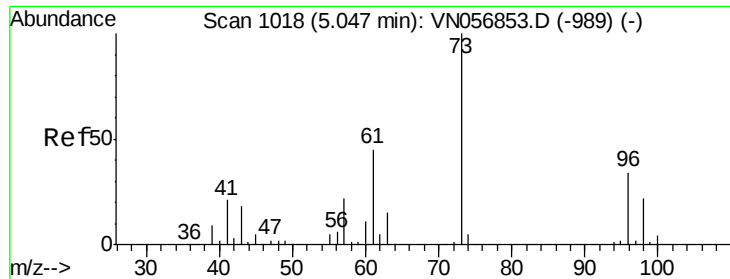
Tot Ion: 76 Resp: 179802
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 21.132 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion: 43 Resp: 95058
Ion Ratio Lower Upper
43 100
74 23.3 19.0 28.4

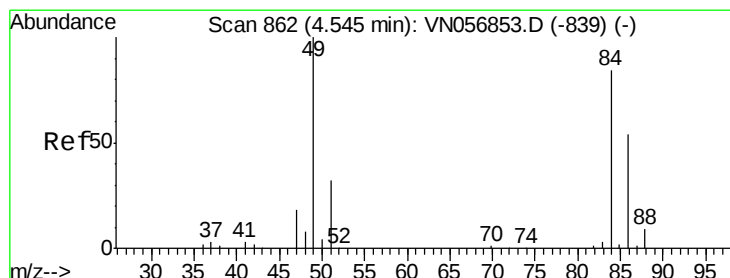
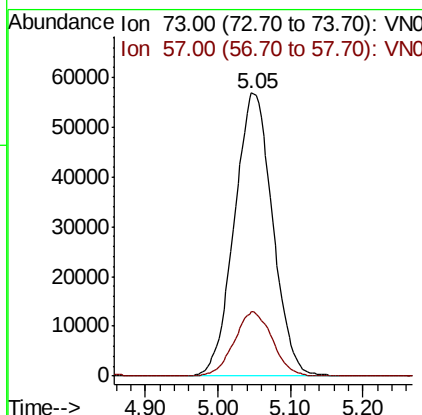
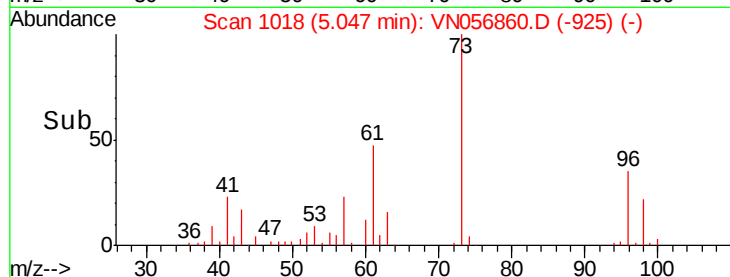
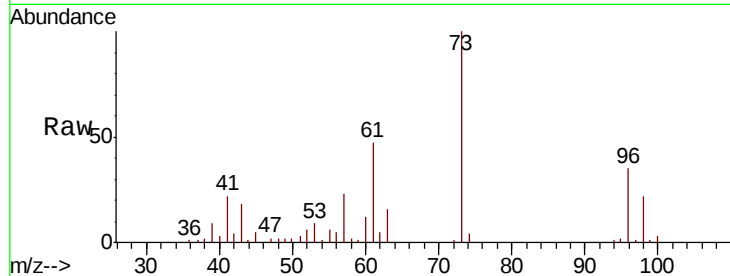




#19
Methvl tert-butvl Ether
Concen: 21.356 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

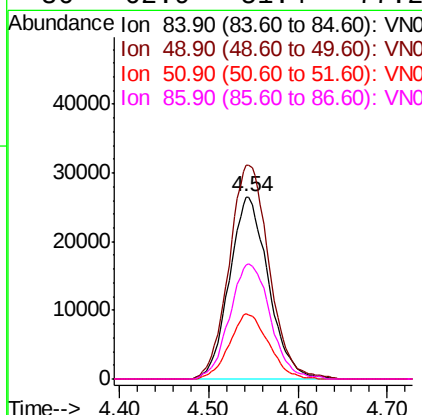
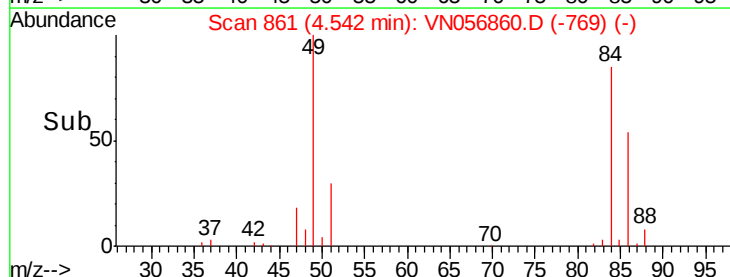
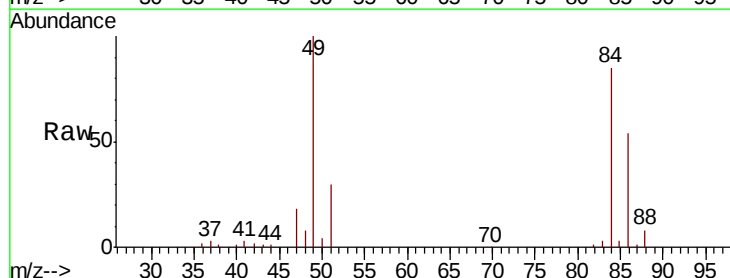
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

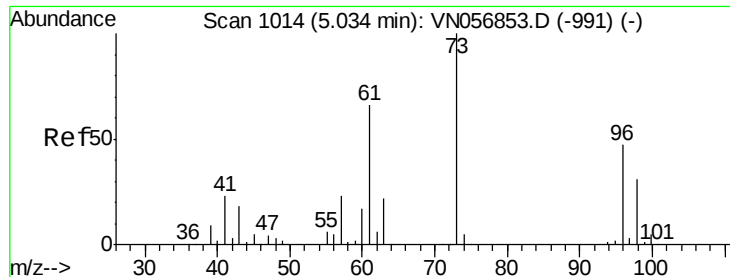
Tot Ion: 73 Resp: 208309
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0



#20
Methylene Chloride
Concen: 20.591 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion: 84 Resp: 80460
Ion Ratio Lower Upper
84 100
49 117.0 94.9 142.3
51 35.7 29.9 44.9
86 62.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.892 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

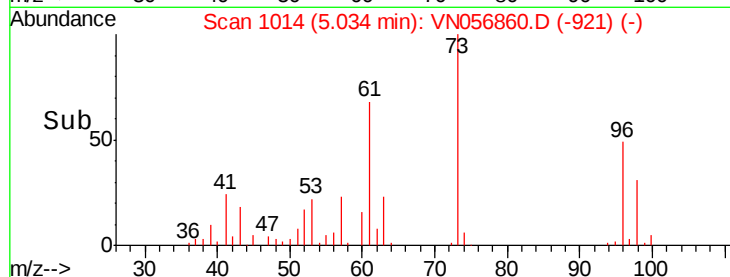
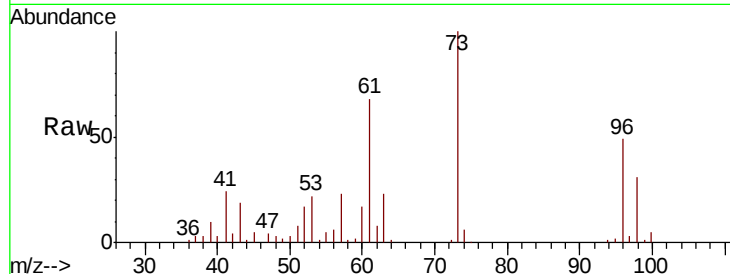
Tot Ion: 96 Resp: 72052

Ion Ratio Lower Upper

96 100

61 139.1 112.8 169.2

98 63.2 53.3 79.9

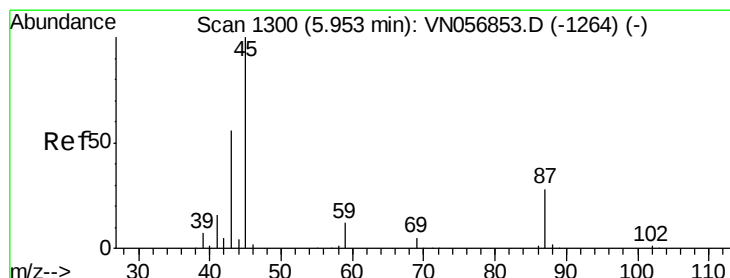
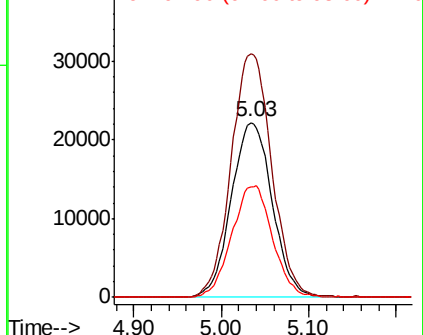


Abundance

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



#22

Diisopropyl ether

Concen: 21.650 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Tgt Ion: 45 Resp: 237578

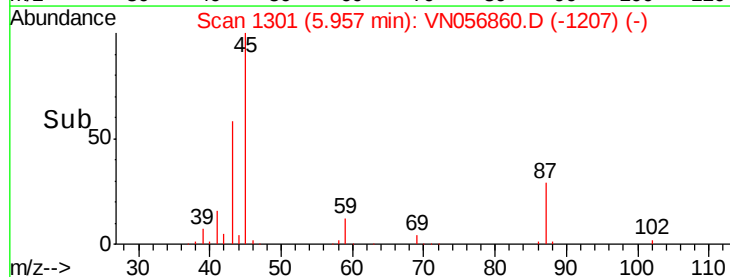
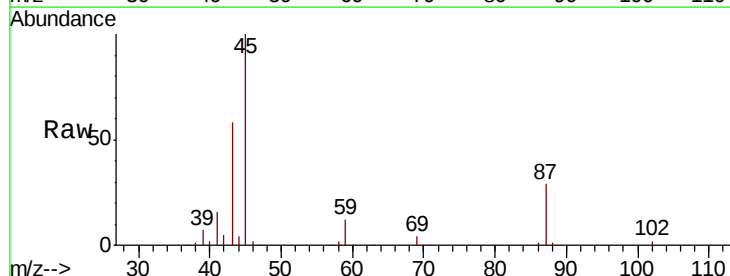
Ion Ratio Lower Upper

45 100

43 56.2 45.5 68.3

87 28.5 22.7 34.1

59 11.7 9.3 13.9



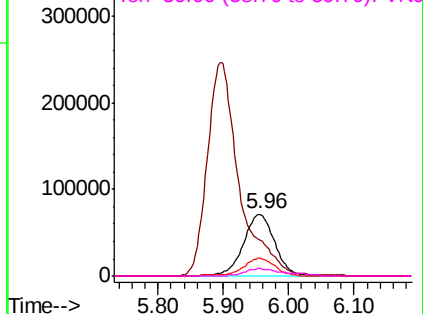
Abundance

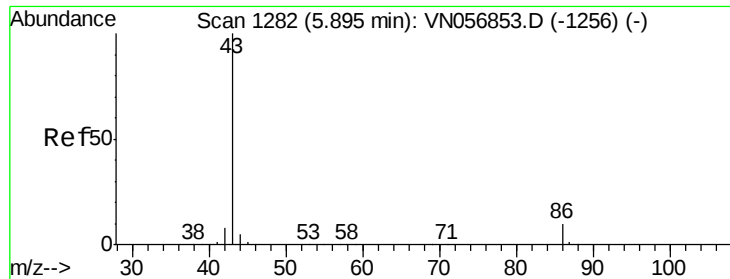
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

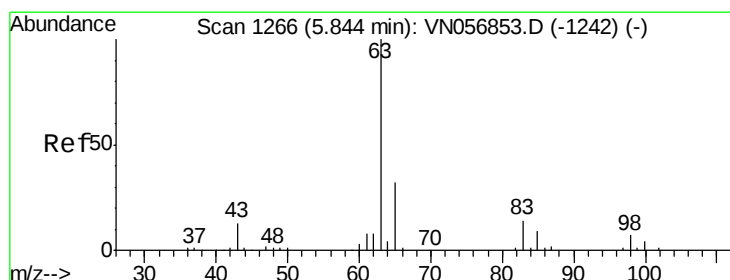
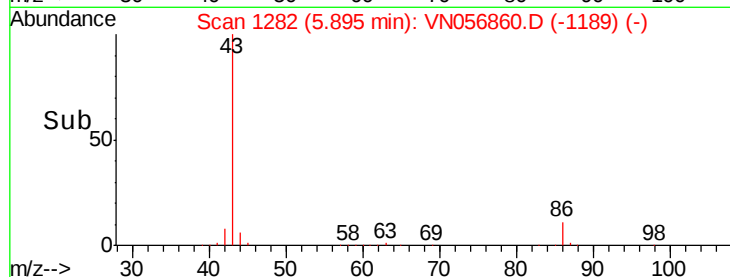
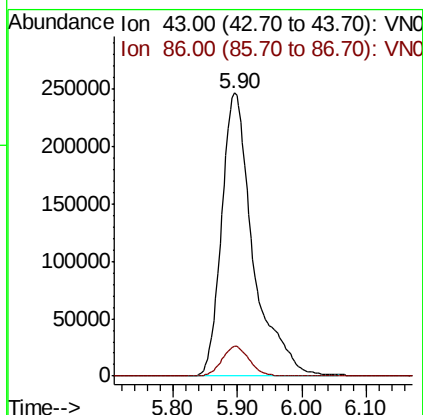
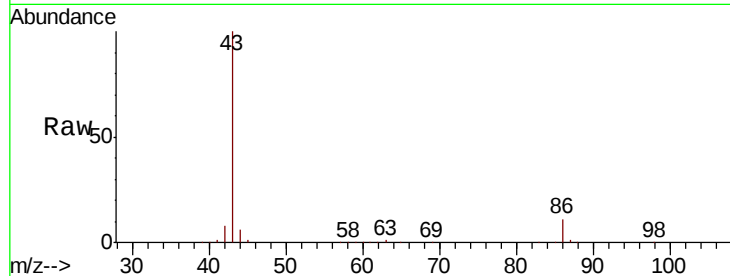




#23
 Vinyl Acetate
 Concen: 106.093 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

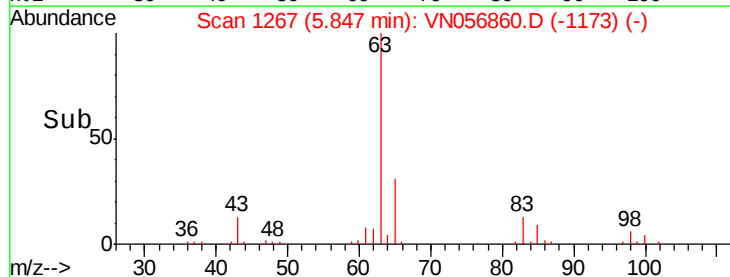
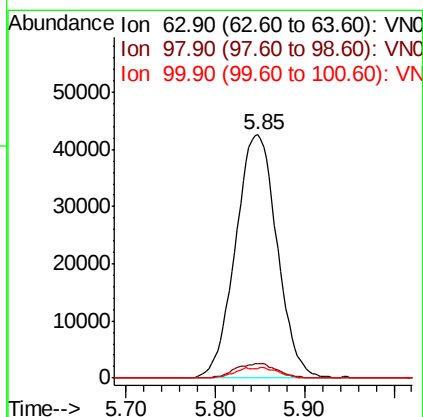
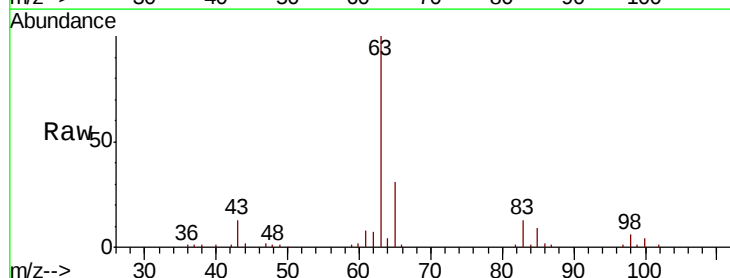
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0722WBSD01

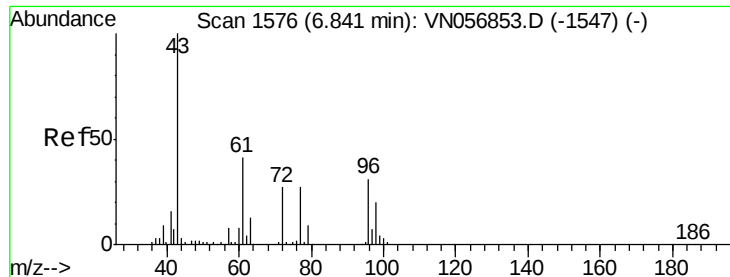
Tot Ion: 43 Resp: 840962
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 21.699 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

Tgt Ion: 63 Resp: 137955
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 4.0 2.2 6.6





#25

2-Butanone

Concen: 108.119 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

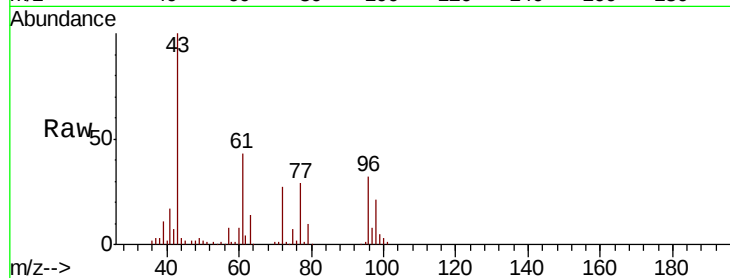
VN0722WBSD01

Tot Ion: 43 Resp: 207678

Ion Ratio Lower Upper

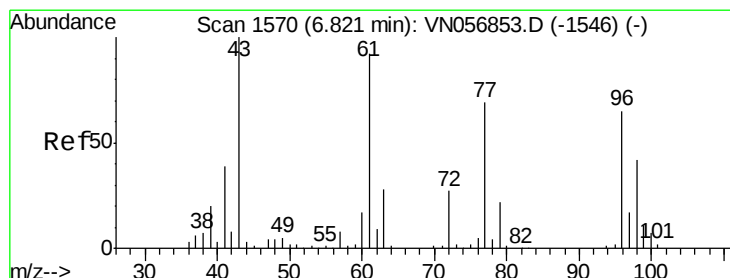
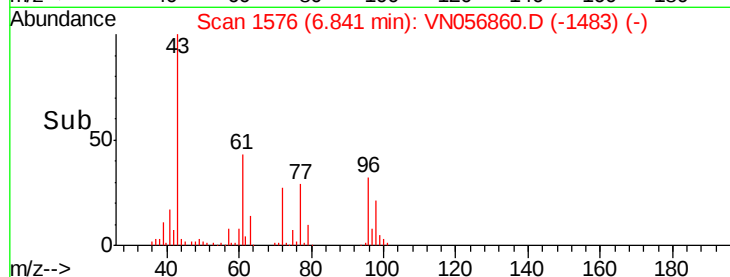
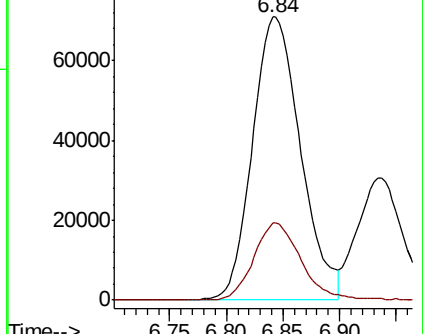
43 100

72 27.2 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 21.353 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN056860.D

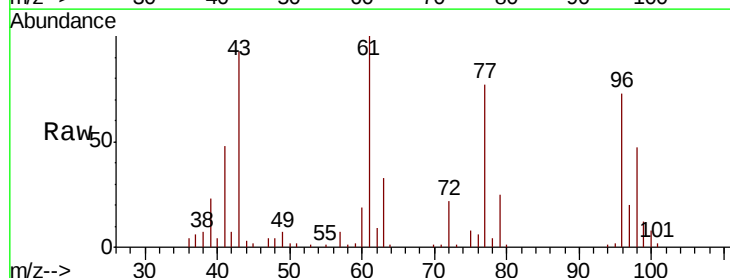
Acq: 22 Jul 2019 17:46

Tgt Ion: 77 Resp: 94996

Ion Ratio Lower Upper

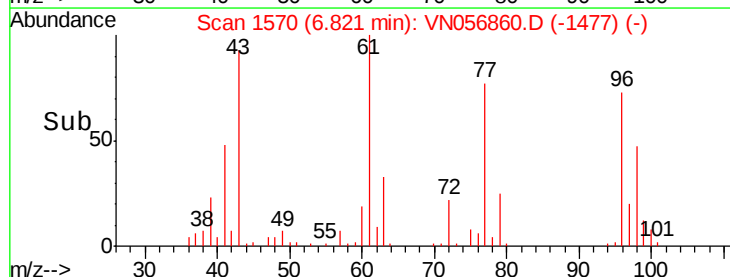
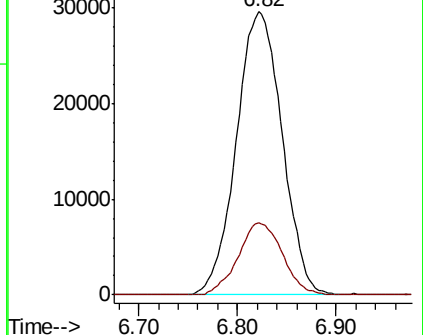
77 100

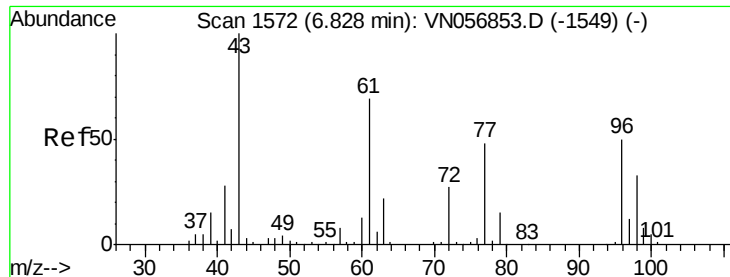
97 24.7 12.4 37.2



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 21.300 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampled :

VN0722WBSD01

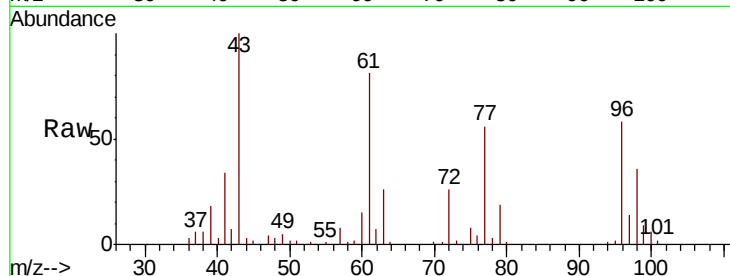
Tot Ion: 96 Resp: 84214

Ion Ratio Lower Upper

96 100

61 141.0 0.0 281.6

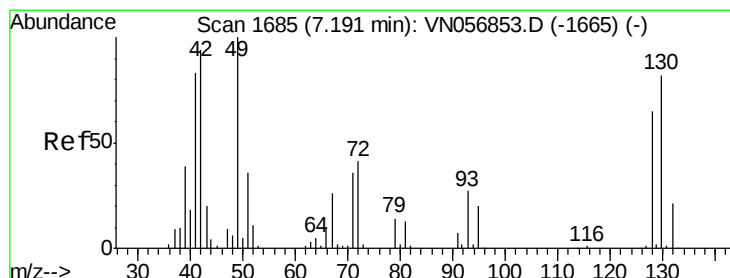
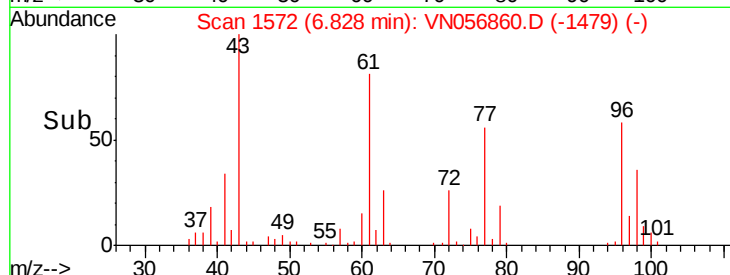
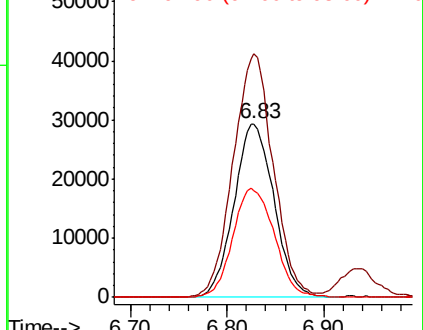
98 65.2 0.0 132.0



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: 22.413 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

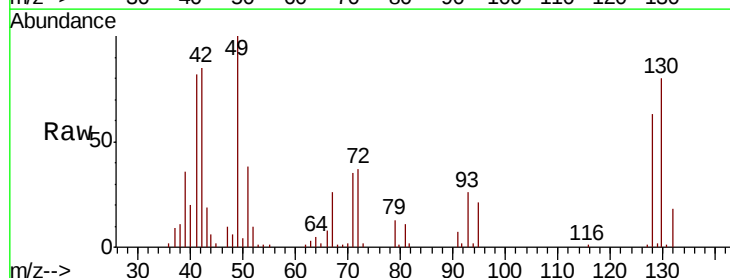
Tgt Ion: 49 Resp: 64683

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

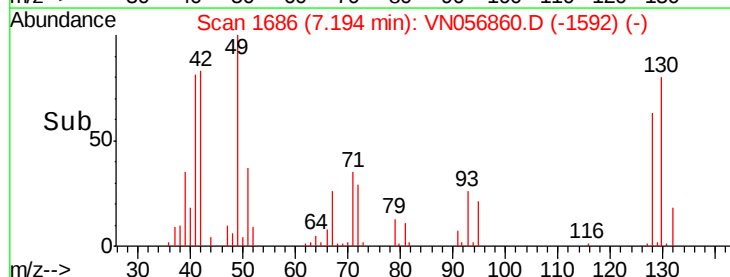
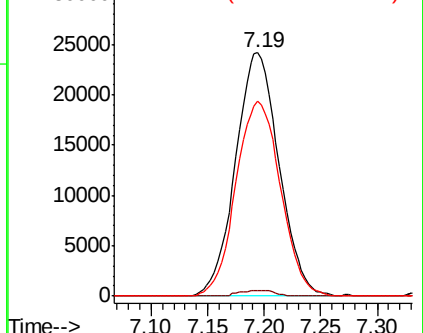
130 82.0 65.0 97.6

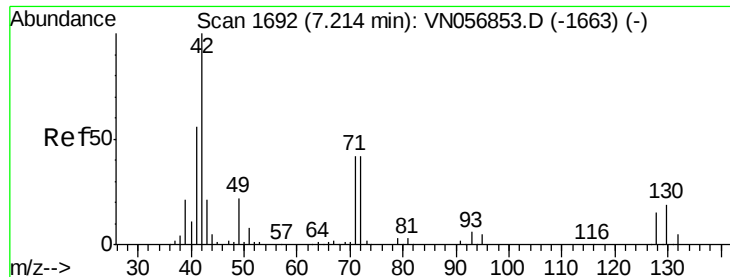


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

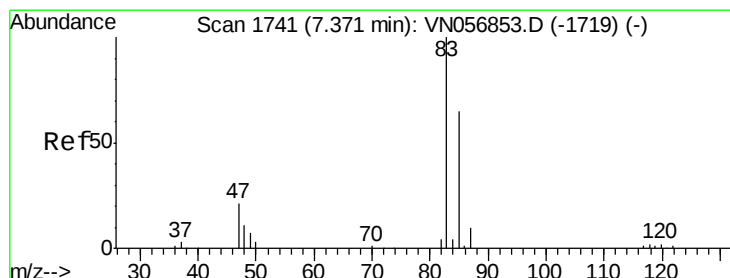
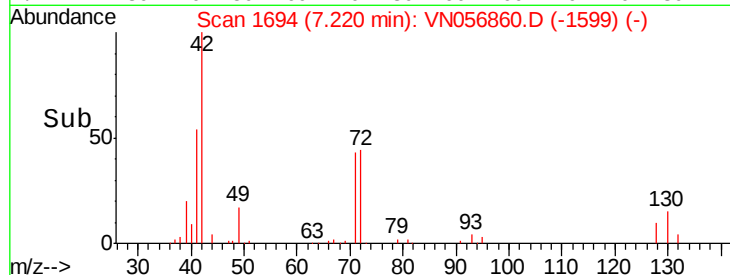
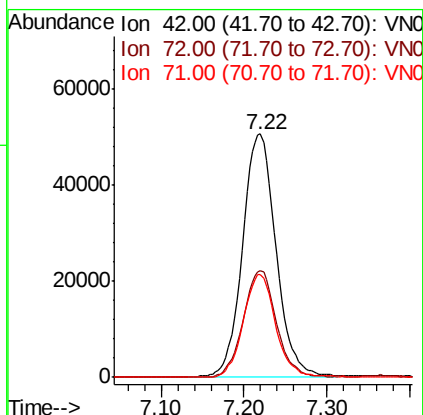
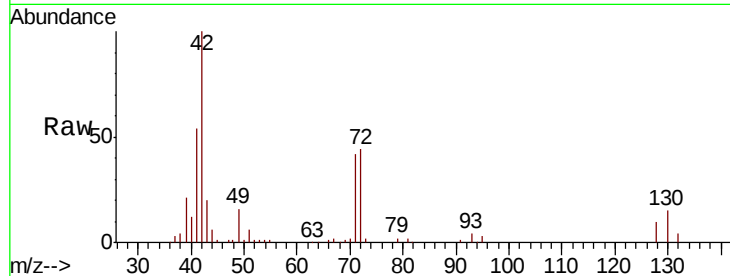




#29
Tetrahydrofuran
Concen: 107.703 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

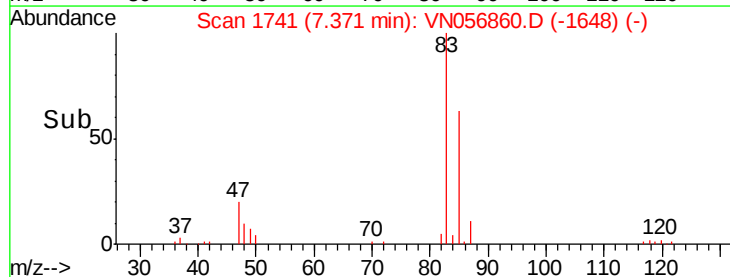
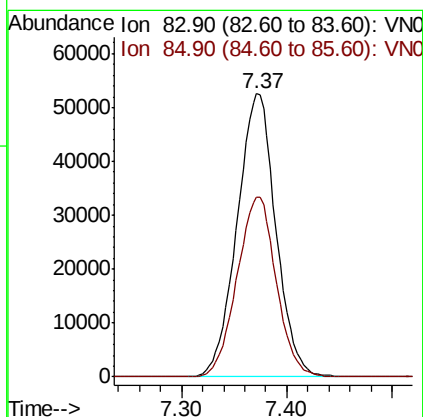
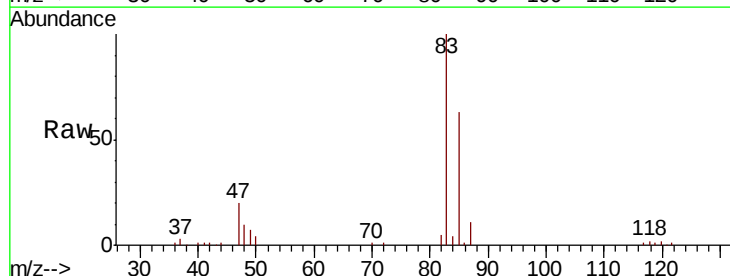
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

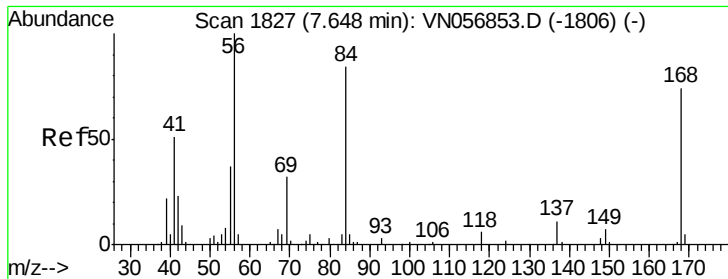
Tot Ion: 42 Resp: 142238
Ion Ratio Lower Upper
42 100
72 43.2 34.2 51.2
71 40.5 32.7 49.1



#30
Chloroform
Concen: 21.089 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion: 83 Resp: 134408
Ion Ratio Lower Upper
83 100
85 63.3 52.3 78.5

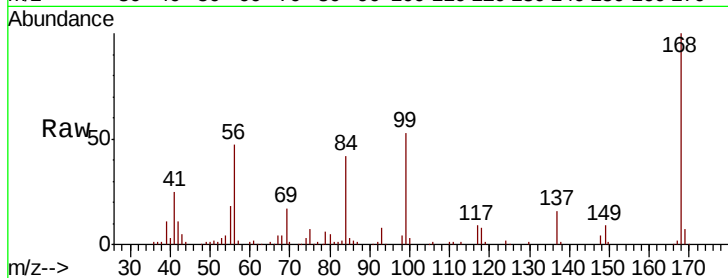




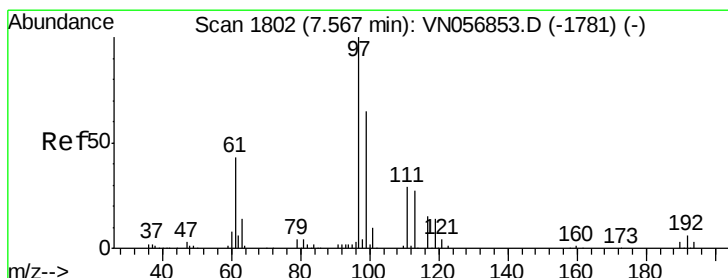
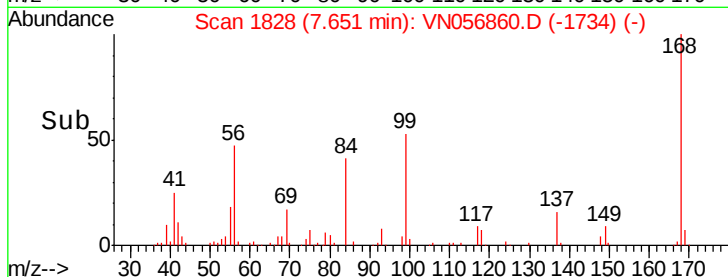
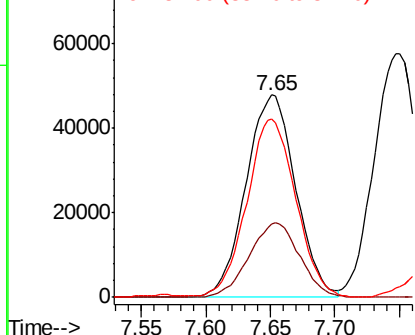
#31
Cyclohexane
Concen: 20.828 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion: 56 Resp: 128473
Ion Ratio Lower Upper
56 100
69 36.3 25.5 38.3
84 87.4 67.3 100.9

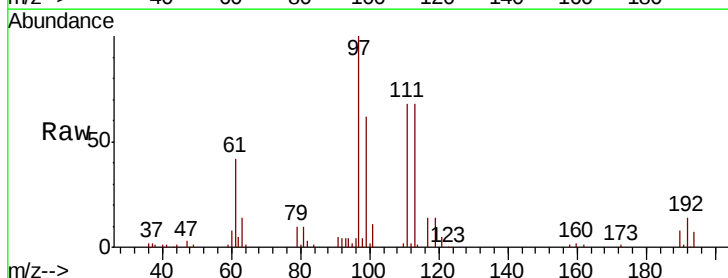


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

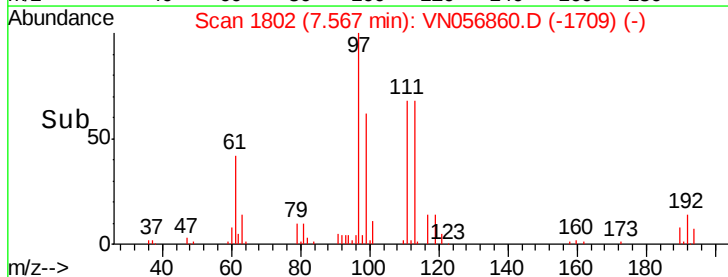
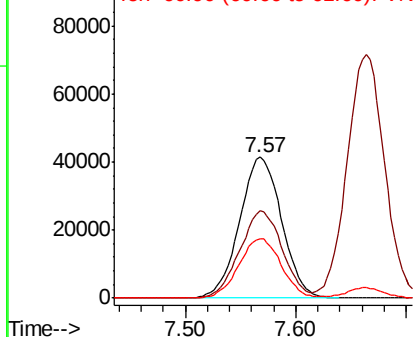


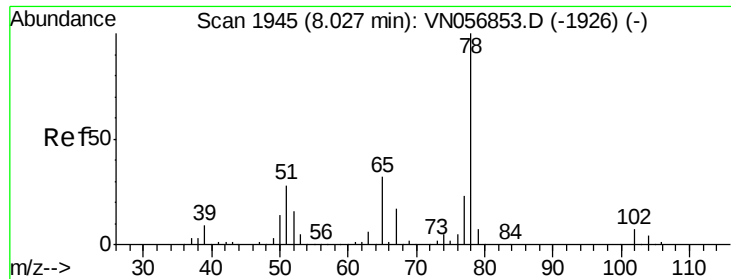
#32
1,1,1-Trichloroethane
Concen: 21.184 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion: 97 Resp: 109227
Ion Ratio Lower Upper
97 100
99 63.2 52.1 78.1
61 42.8 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

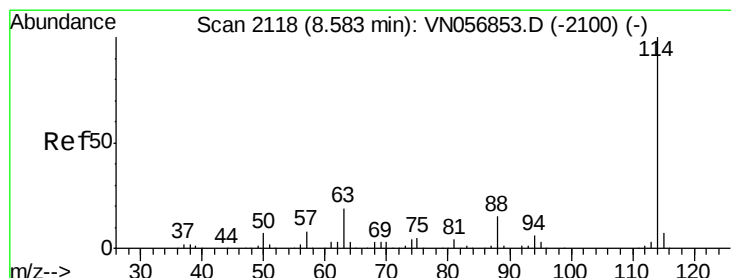
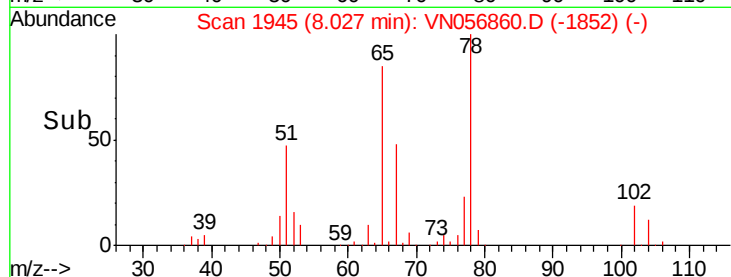
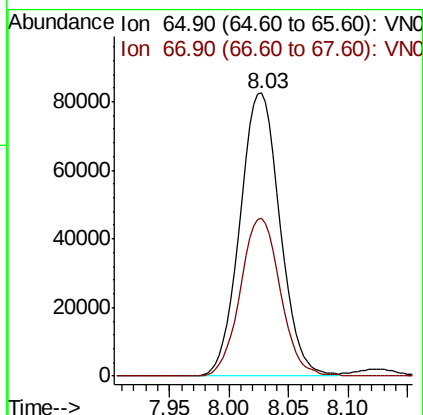
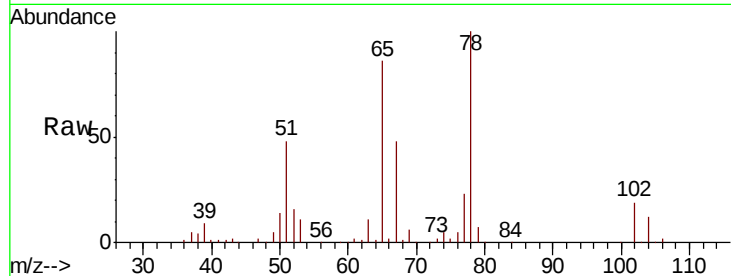




#33
 1,2-Dichloroethane-d4
 Concen: 53.103 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

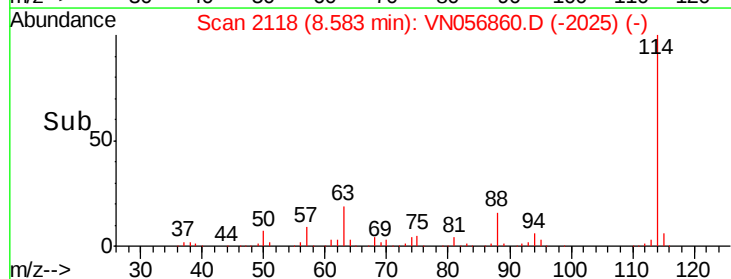
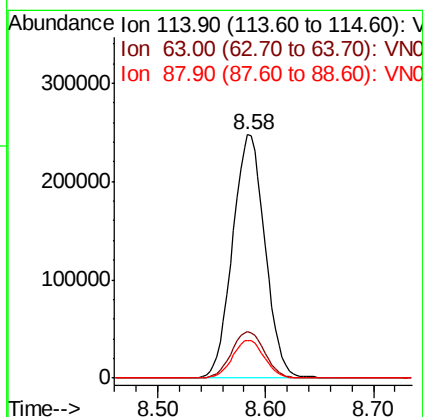
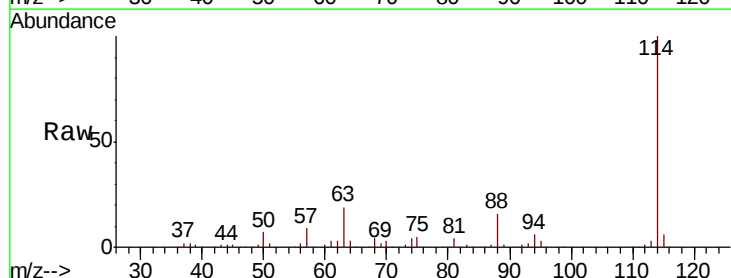
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

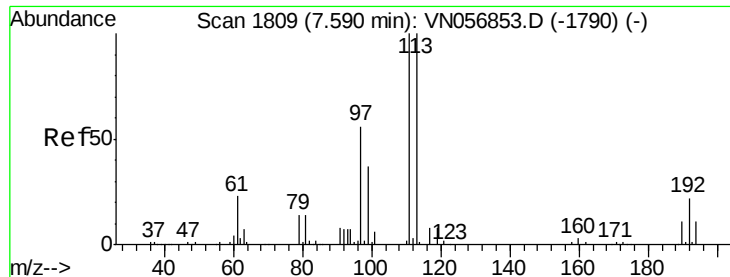
Tot Ion: 65 Resp: 192706
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

Tgt Ion: 114 Resp: 516866
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 15.6 0.0 31.0

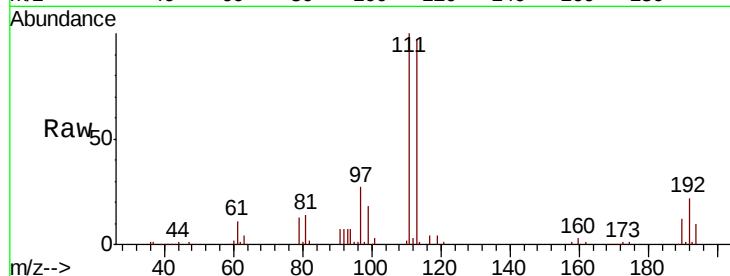




#35
 Dibromofluoromethane
 Concen: 52.629 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	22.8	18.5	27.7

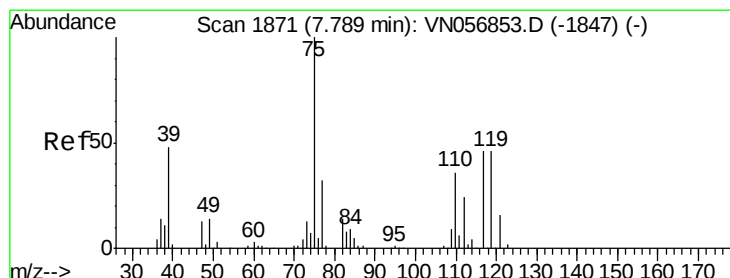
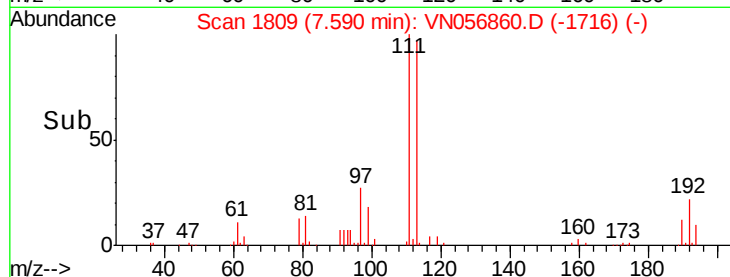
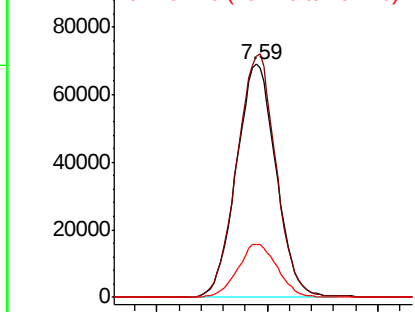


Abundance

Ion 112.80 (112.50 to 113.50): V

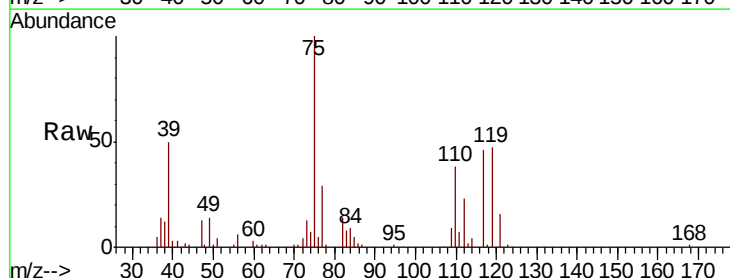
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 21.048 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.9	53.7
77	30.7	25.0	37.6

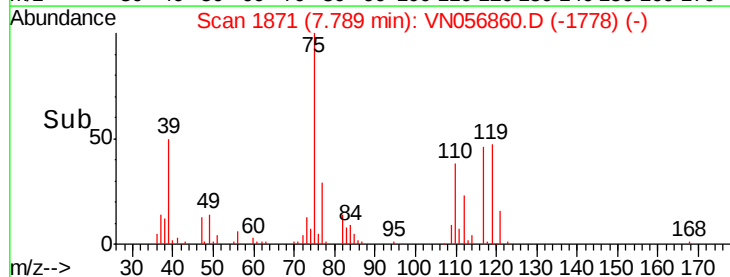
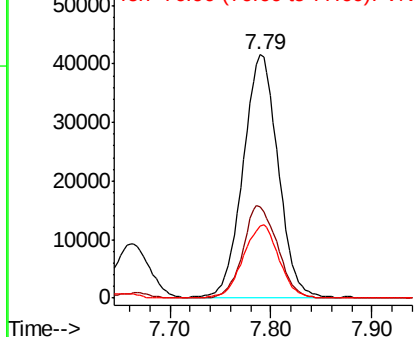


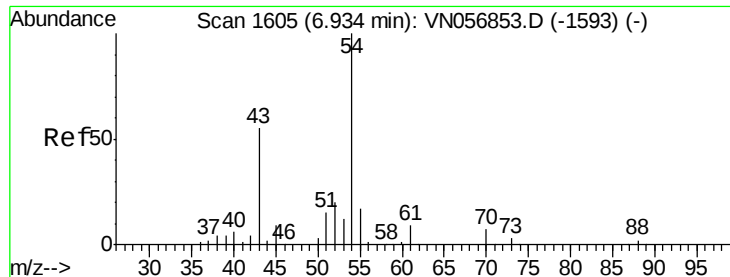
Abundance

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

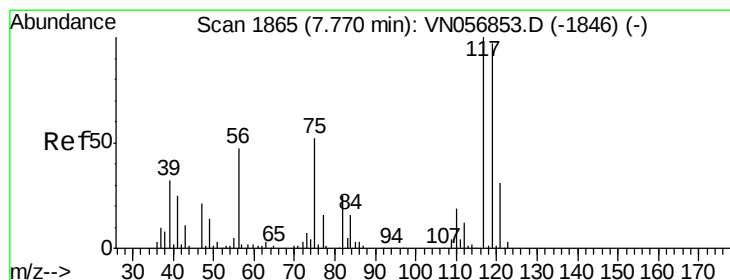
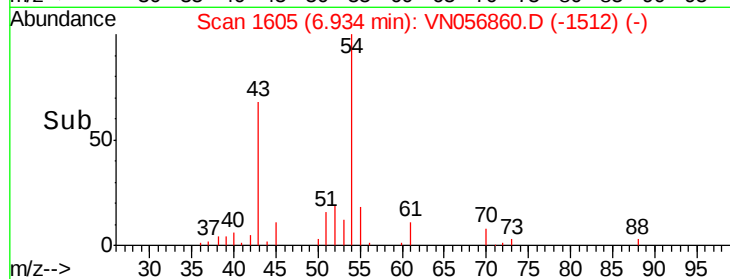
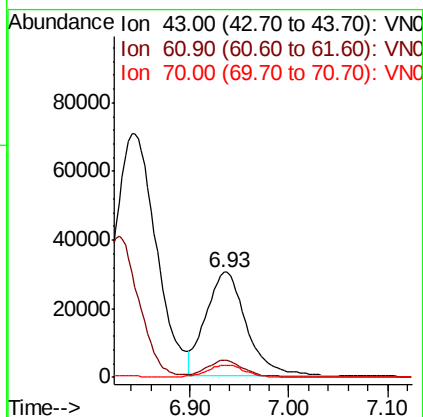
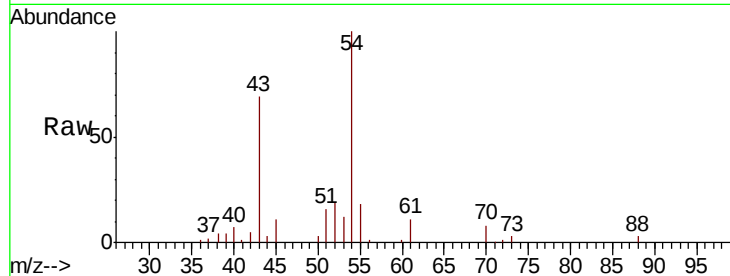




#37
Ethyl Acetate
Concen: 22.618 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

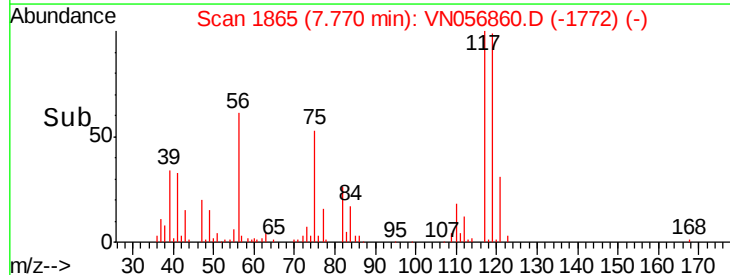
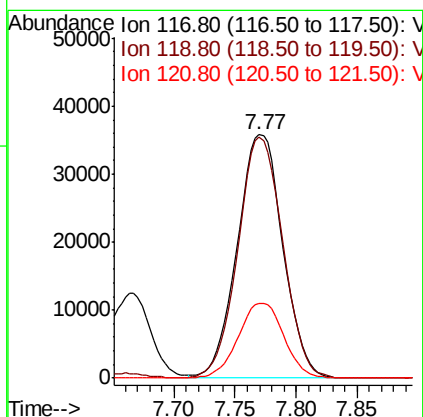
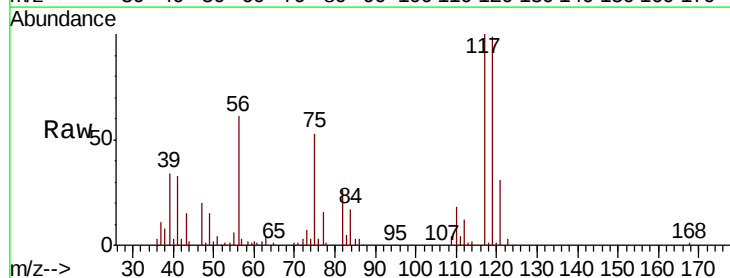
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

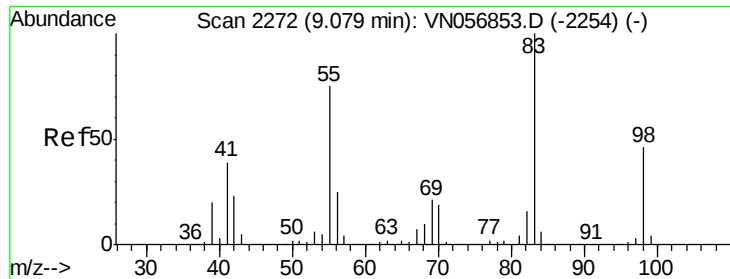
Tot Ion: 43 Resp: 86940
Ion Ratio Lower Upper
43 100
61 15.3 11.8 17.8
70 10.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.421 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion: 117 Resp: 92660
Ion Ratio Lower Upper
117 100
119 99.0 77.2 115.8
121 30.8 24.5 36.7

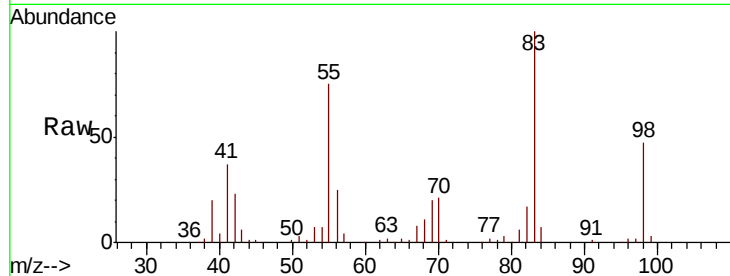




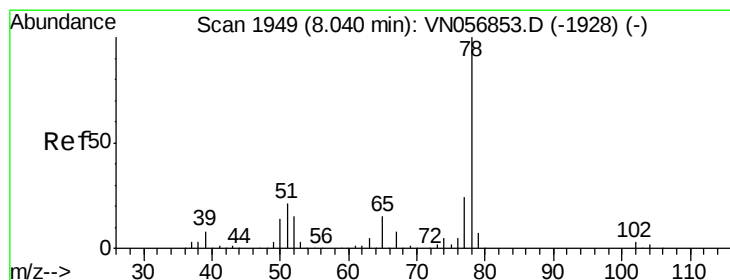
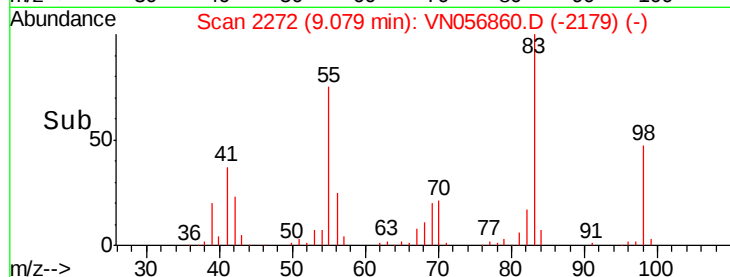
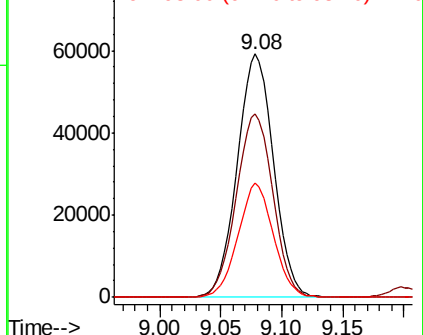
#39
Methvlcvclohexane
Concen: 20.440 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion: 83 Resp: 121914
Ion Ratio Lower Upper
83 100
55 75.5 59.8 89.8
98 47.2 37.1 55.7

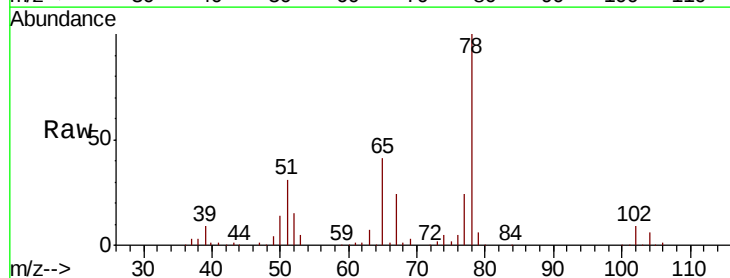


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

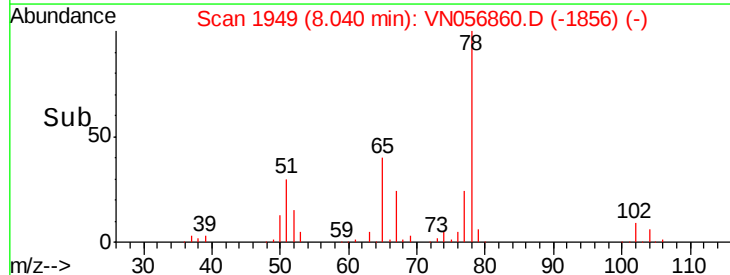
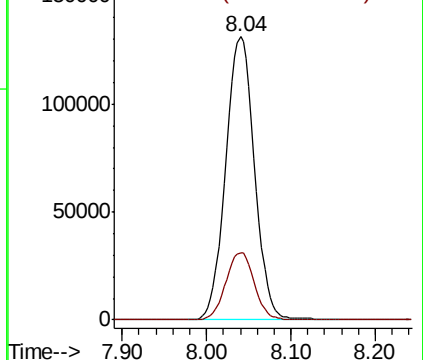


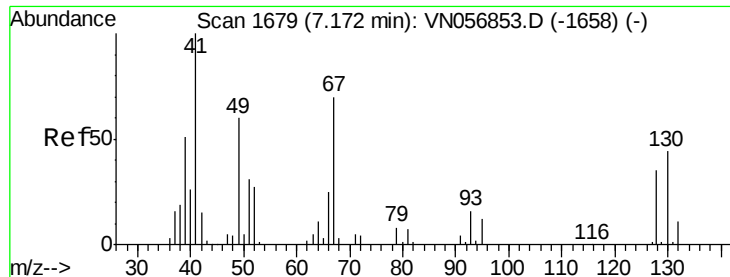
#40
Benzene
Concen: 21.053 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion: 78 Resp: 311710
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

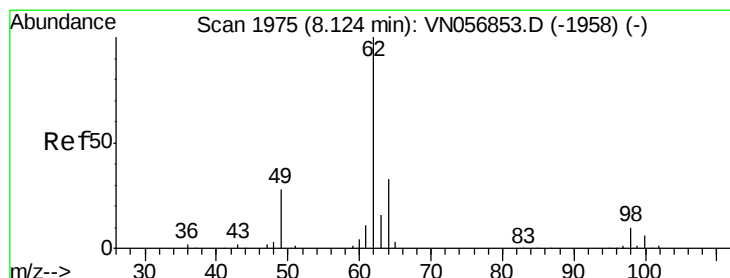
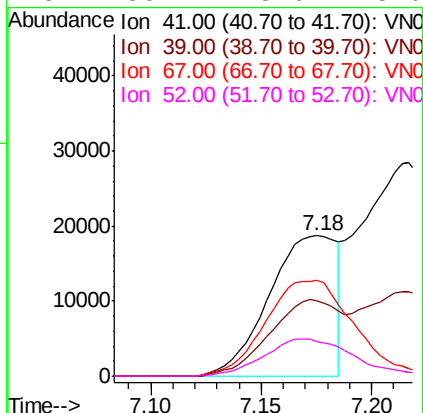
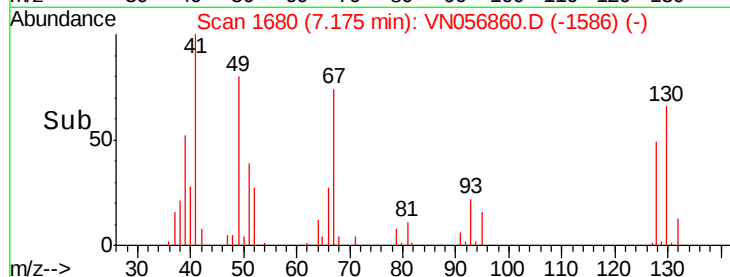
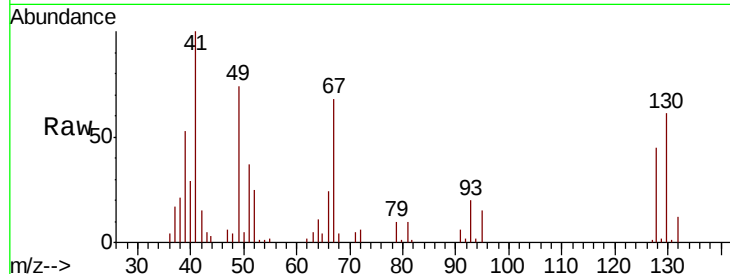




#41
Methacrylonitrile
Concen: 20.919 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

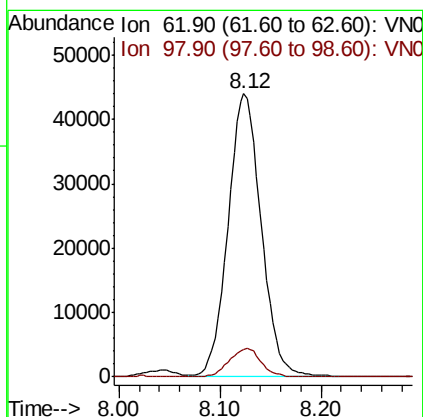
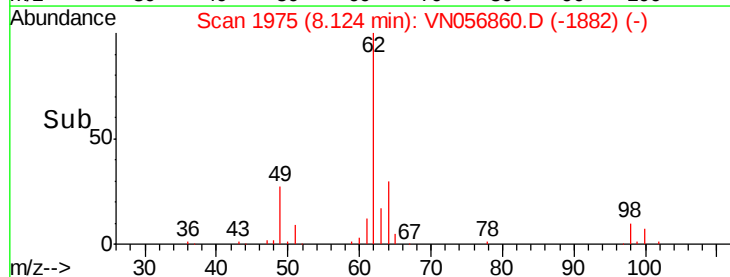
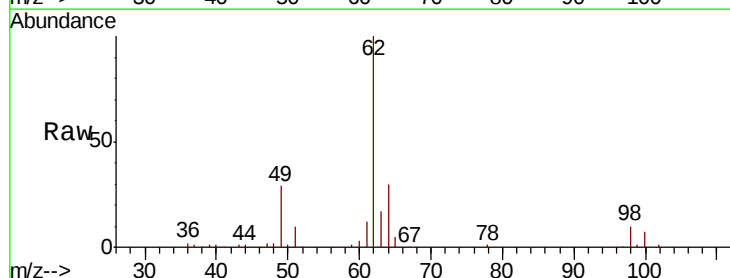
Instrument :
MSVOA_N
ClientSampled :
VN0722WBSD01

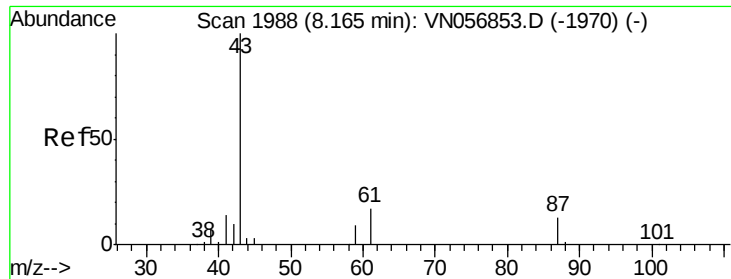
Tot Ion: 41 Resp: 39924
Ion Ratio Lower Upper
41 100
39 56.4 44.0 66.0
67 90.2 73.5 110.3
52 36.1 28.6 43.0



#42
1,2-Dichloroethane
Concen: 21.756 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion: 62 Resp: 100646
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4





#43

Isopropyl Acetate

Concen: 20.835 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

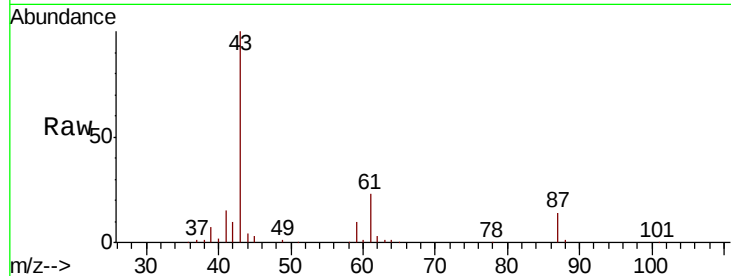
Tot Ion: 43 Resp: 137679

Ion Ratio Lower Upper

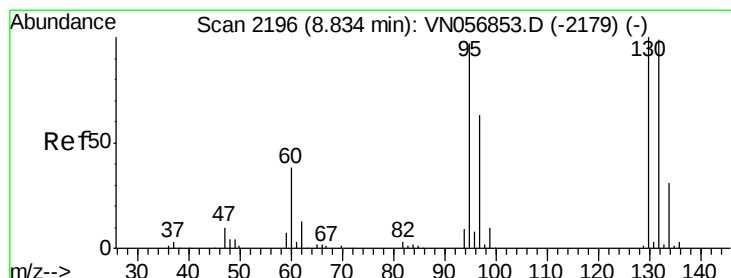
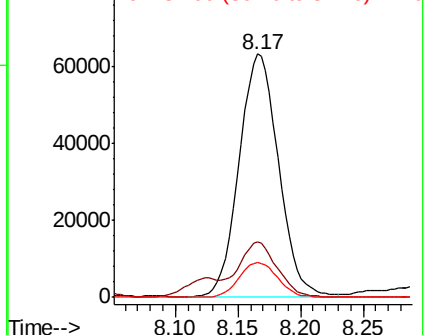
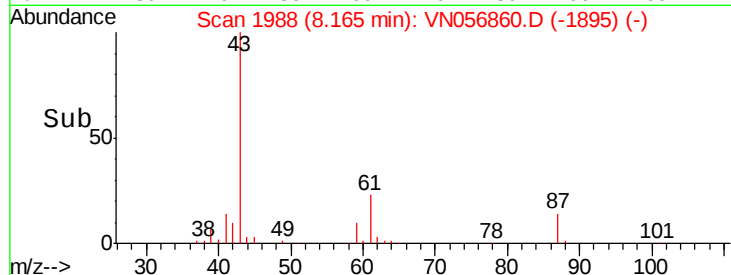
43 100

61 21.8 17.8 26.6

87 14.0 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056860.D (-1895) (-)



#44

Trichloroethene

Concen: 20.839 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056860.D

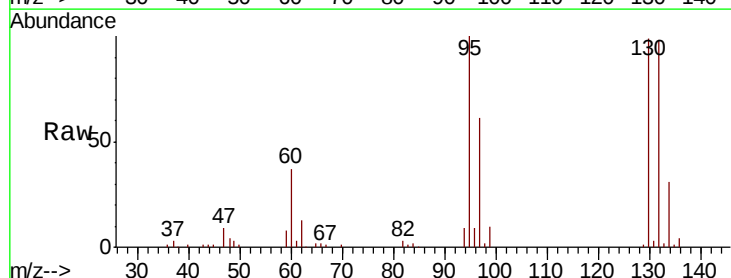
Acq: 22 Jul 2019 17:46

Tgt Ion:130 Resp: 82638

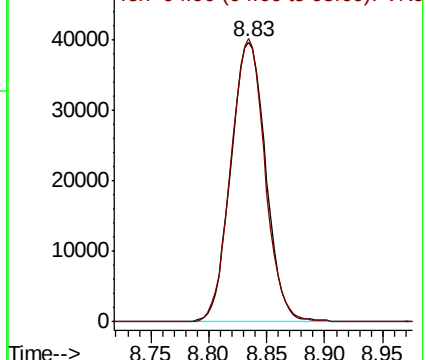
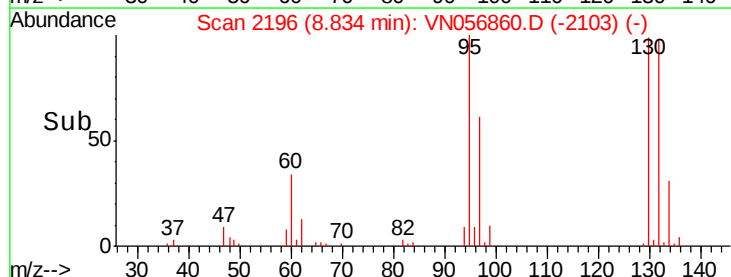
Ion Ratio Lower Upper

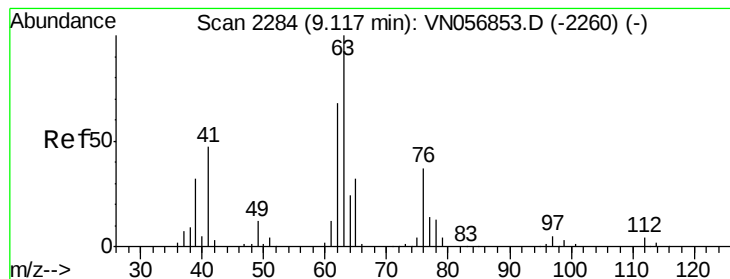
130 100

95 101.0 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): VN056860.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 20.859 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

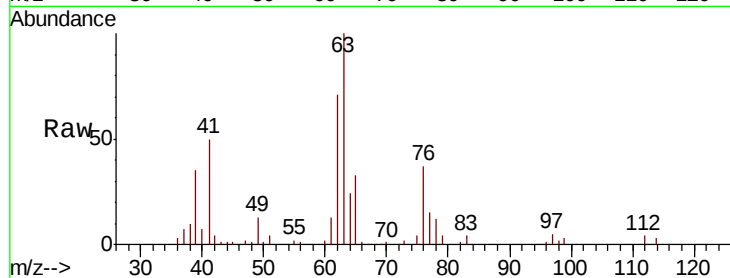
VN0722WBSD01

Tot Ion: 63 Resp: 83198

Ion Ratio Lower Upper

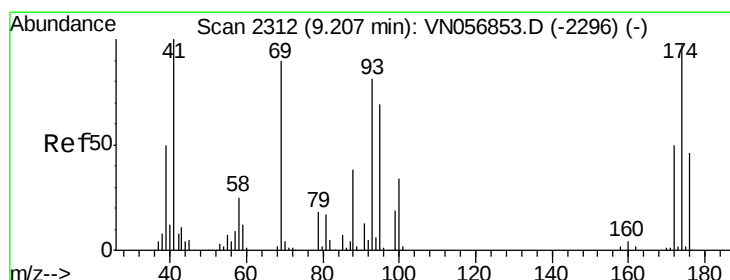
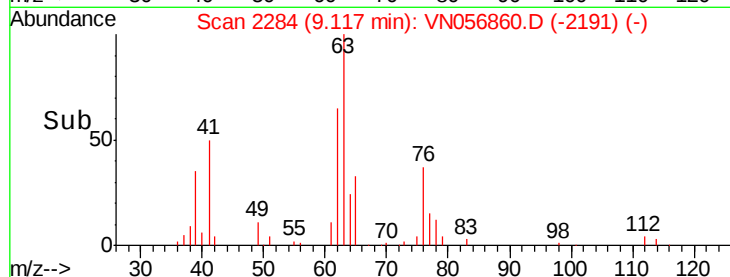
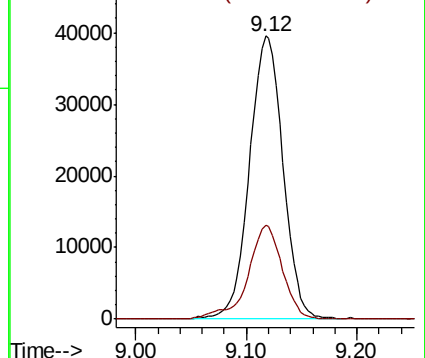
63 100

65 33.4 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: 21.080 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

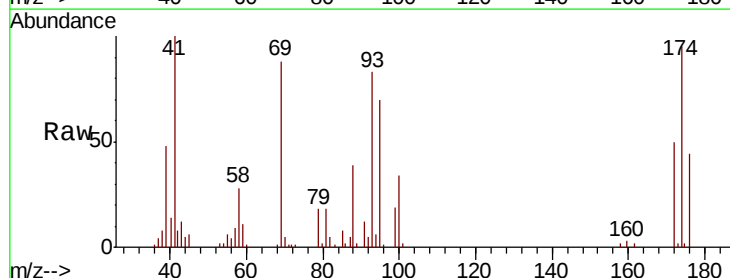
Tgt Ion: 93 Resp: 51898

Ion Ratio Lower Upper

93 100

95 83.8 67.4 101.0

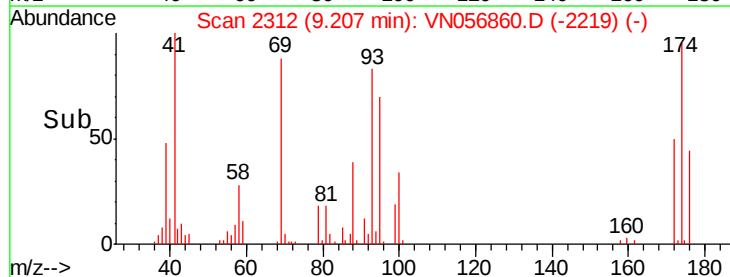
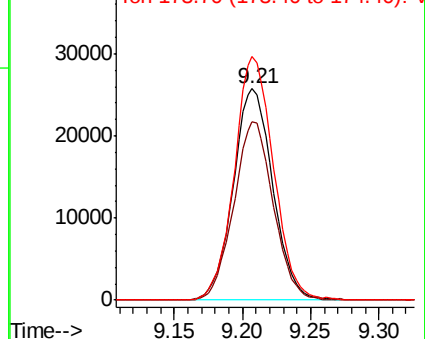
174 114.2 92.9 139.3

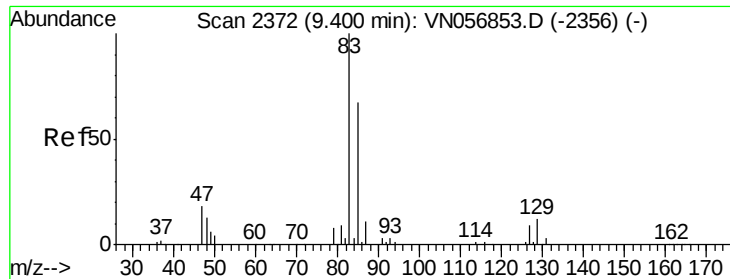


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

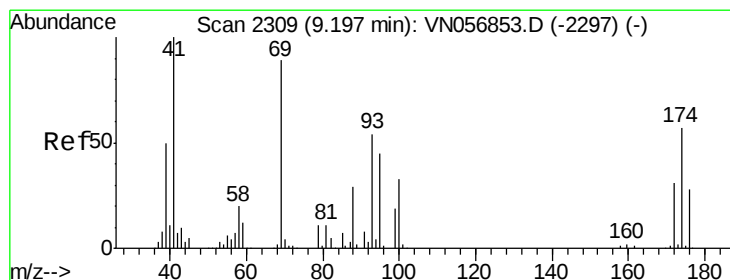
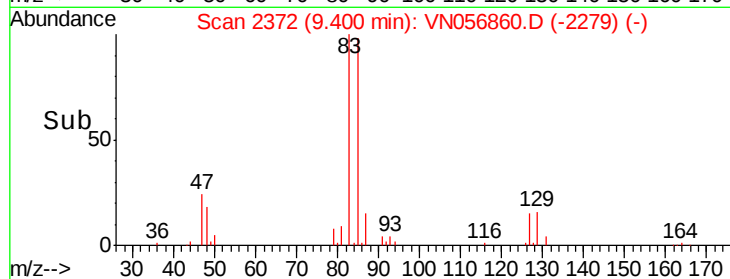
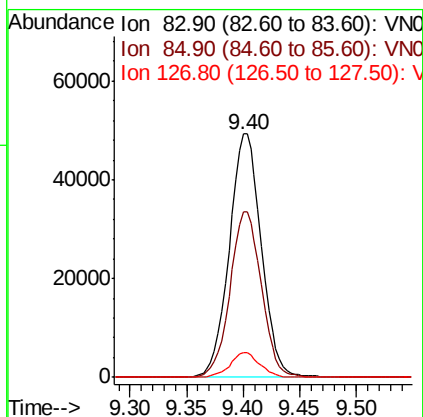
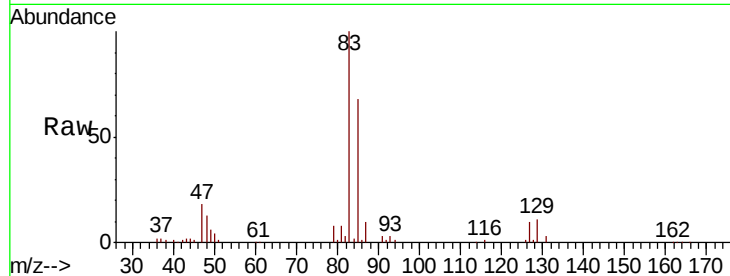




#47
Bromodichloromethane
Concen: 20.950 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

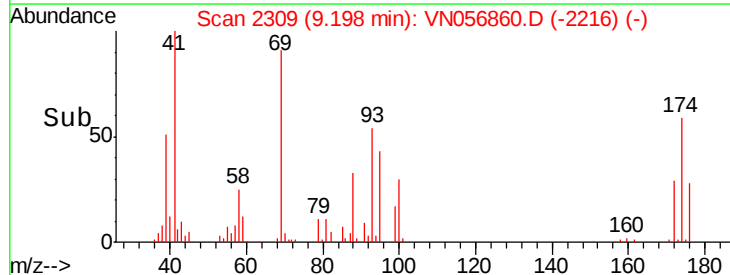
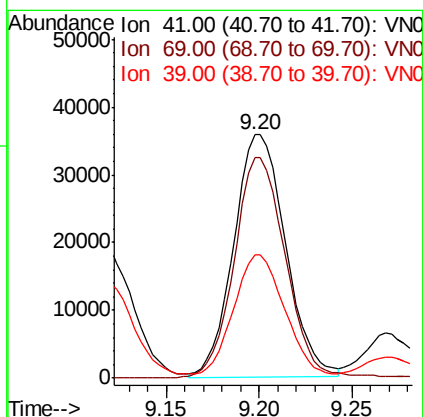
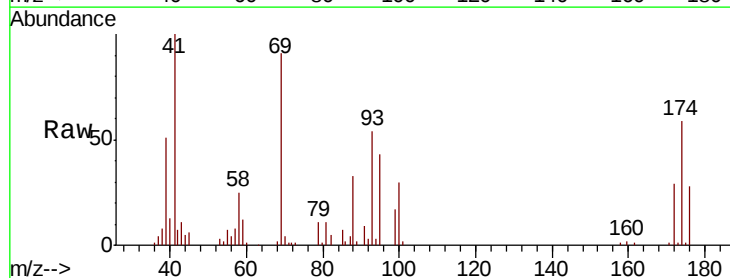
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

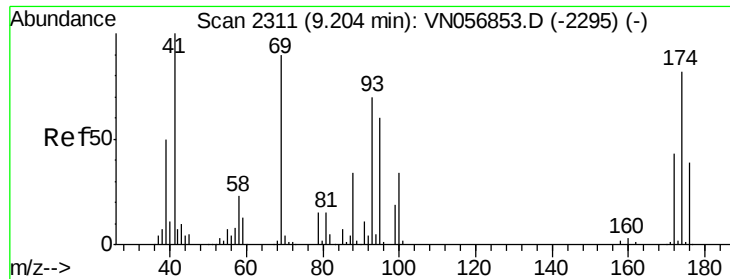
Tot Ion	83	Resp	96995
Ion Ratio	100		
85	67.8	53.4	80.2
127	10.4	7.2	10.8



#48
Methyl methacrylate
Concen: 20.999 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion	41	Resp	69417
Ion Ratio	100		
69	90.3	71.1	106.7
39	51.4	40.6	60.8





#49

1,4-Dioxane

Concen: 430.436 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

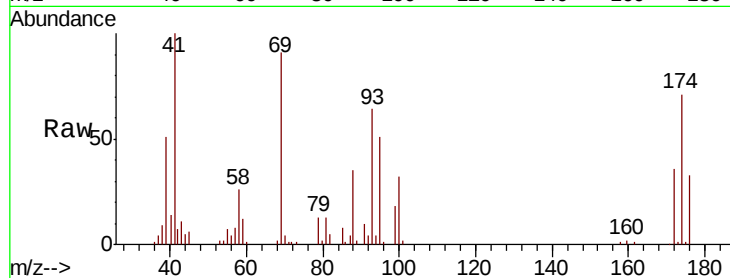
Tot Ion: 88 Resp: 27910

Ion Ratio Lower Upper

88 100

43 27.0 21.4 32.2

58 71.6 55.7 83.5

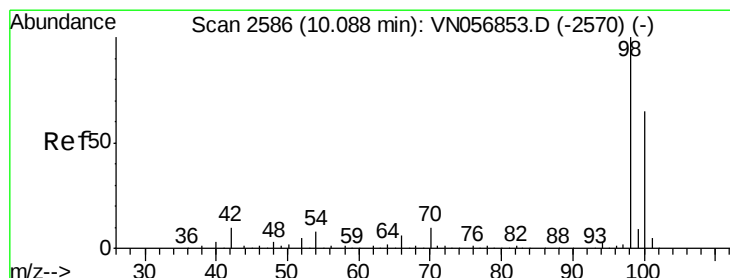
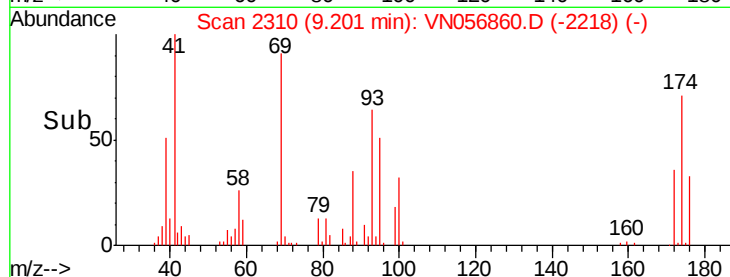
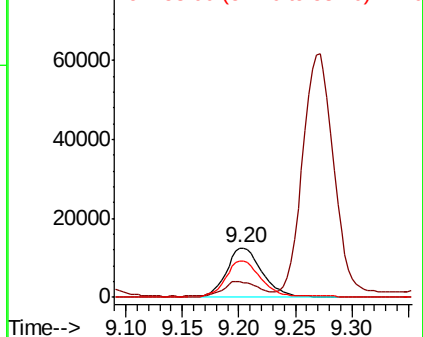


Abundance

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: 53.013 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056860.D

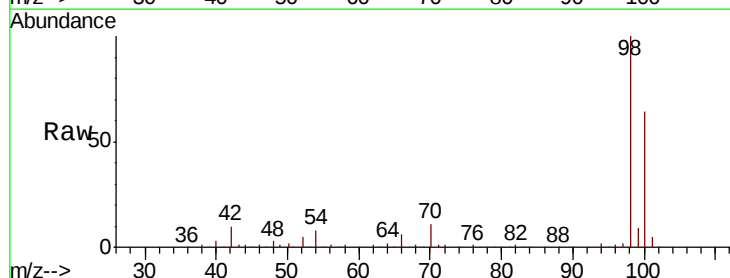
Acq: 22 Jul 2019 17:46

Tgt Ion: 98 Resp: 664439

Ion Ratio Lower Upper

98 100

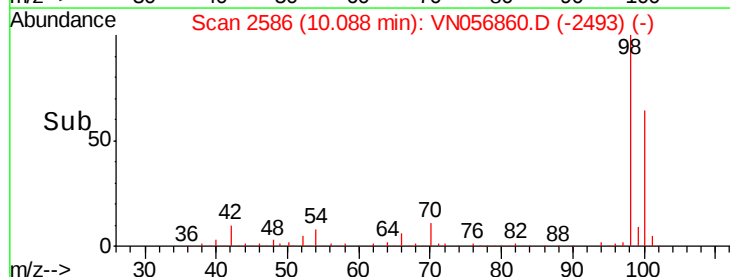
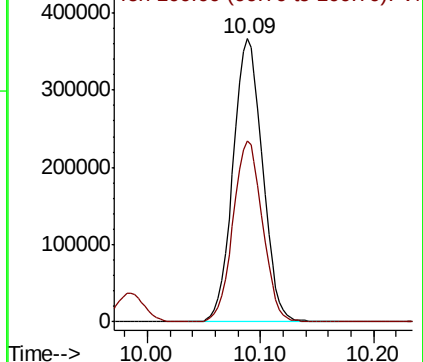
100 63.7 51.5 77.3

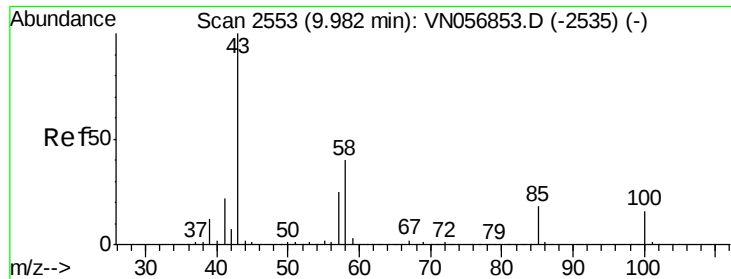


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 108.367 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleID :

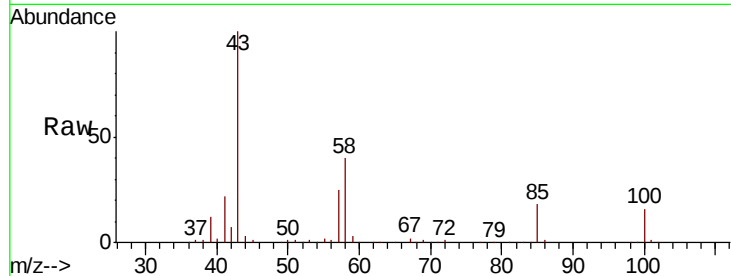
VN0722WBSD01

Tot Ion: 43 Resp: 427022

Ion Ratio Lower Upper

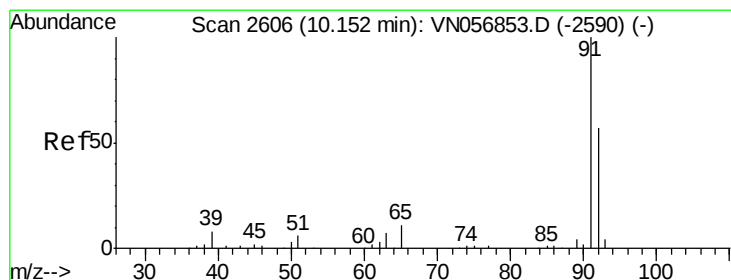
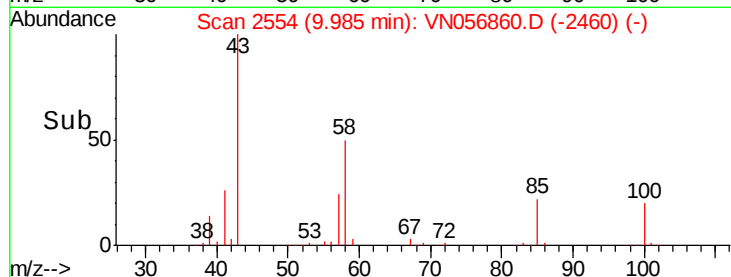
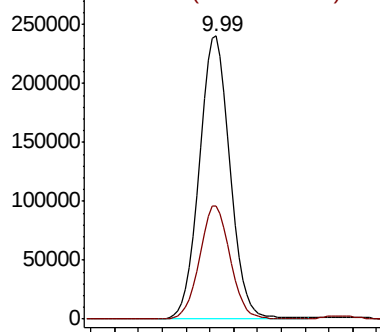
43 100

58 40.2 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 21.335 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056860.D

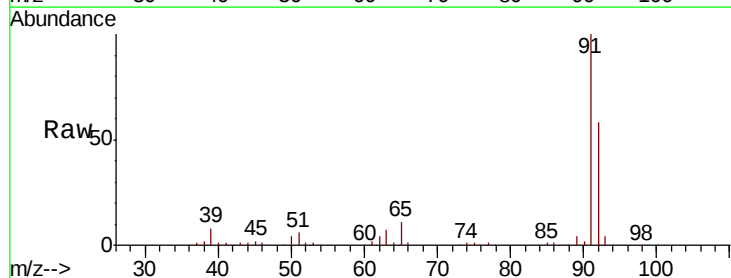
Acq: 22 Jul 2019 17:46

Tgt Ion: 92 Resp: 190083

Ion Ratio Lower Upper

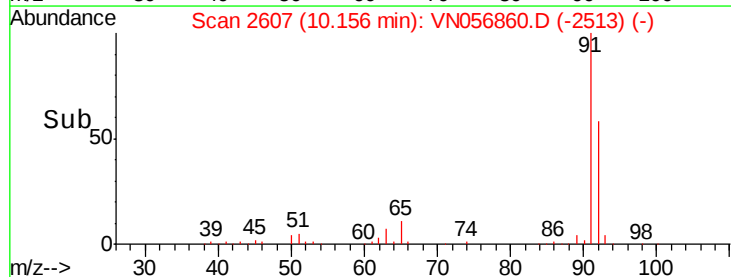
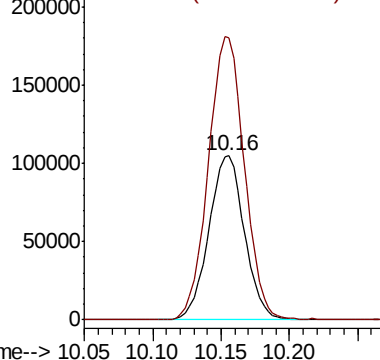
92 100

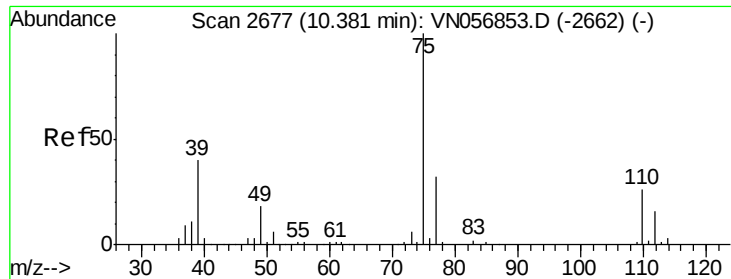
91 174.2 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 20.729 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

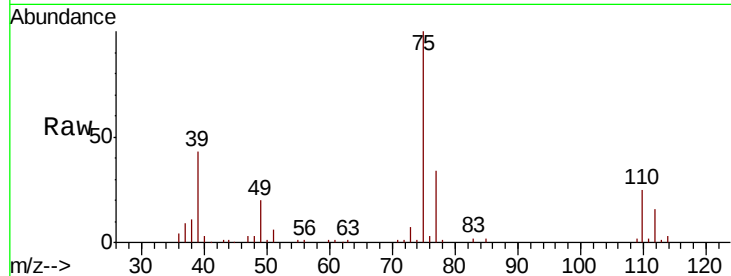
VN0722WBSD01

Tot Ion: 75 Resp: 98498

Ion Ratio Lower Upper

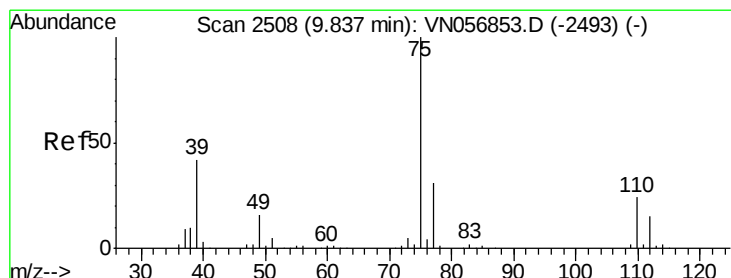
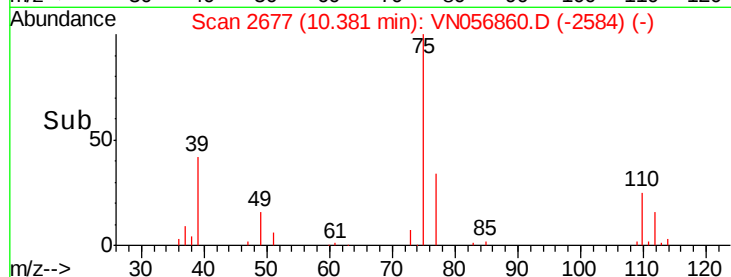
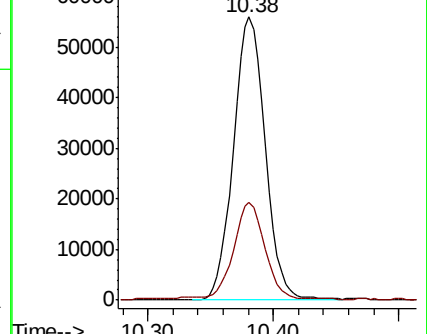
75 100

77 34.4 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: 20.972 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

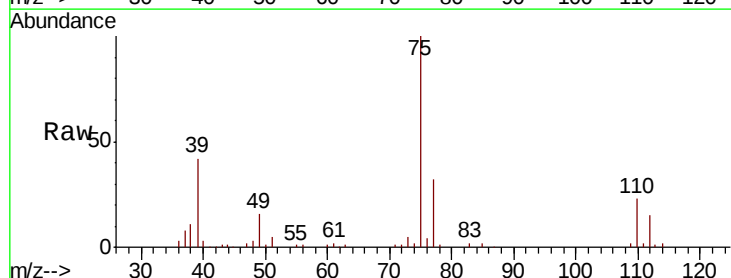
Tgt Ion: 75 Resp: 117484

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

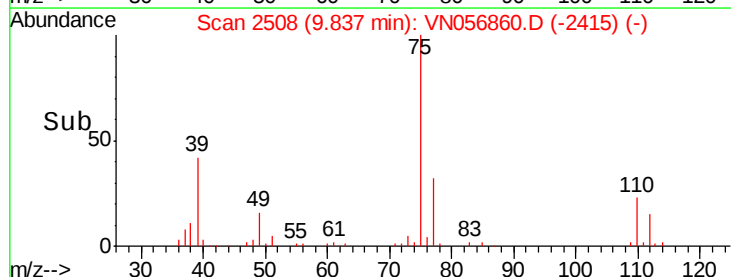
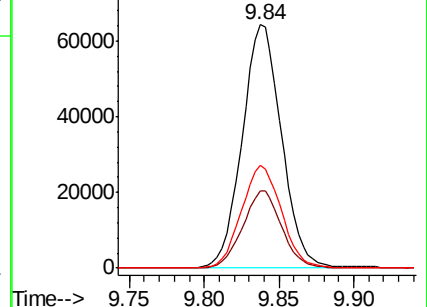
39 42.1 33.4 50.2

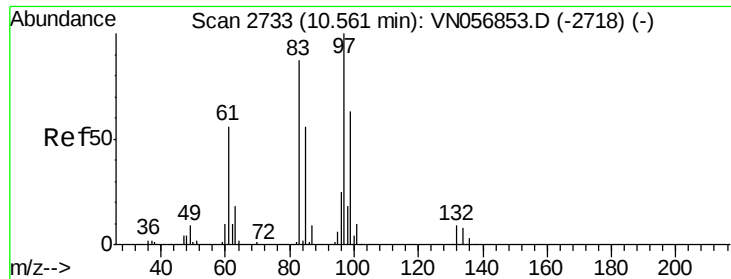


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

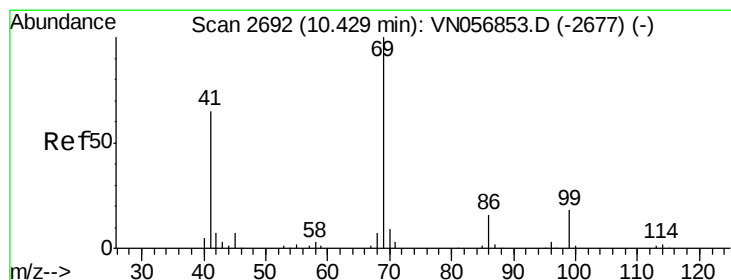
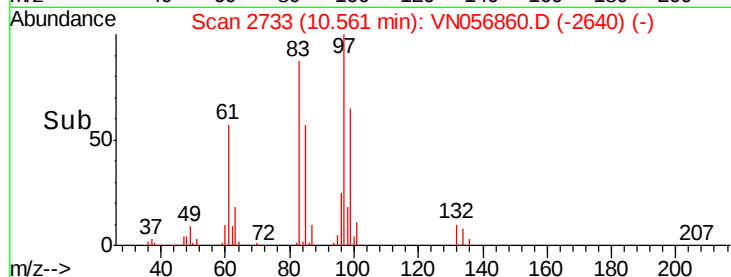
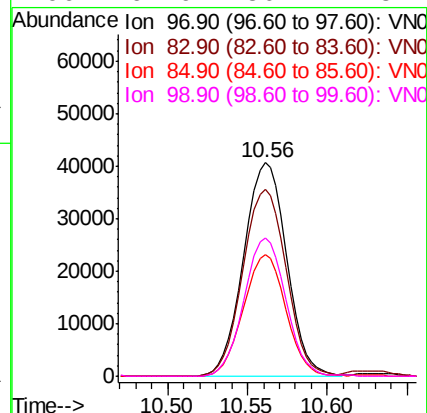
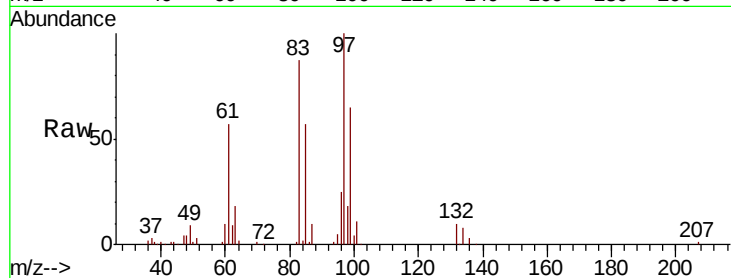




#55
 1,1,2-Trichloroethane
 Concen: 21.172 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

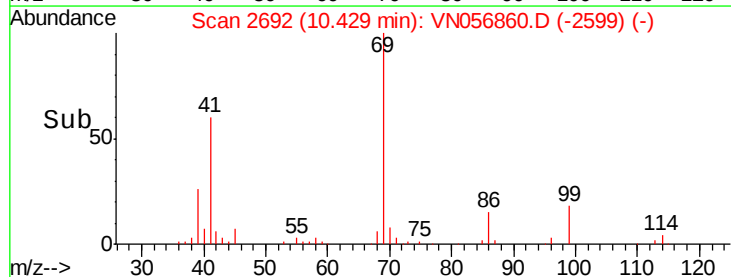
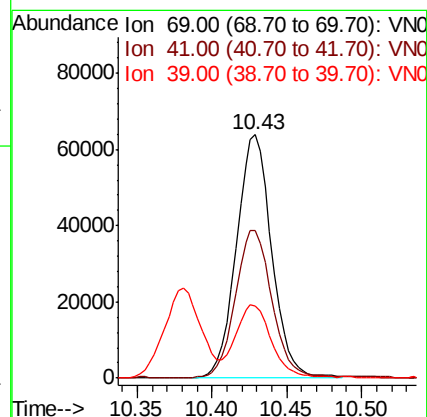
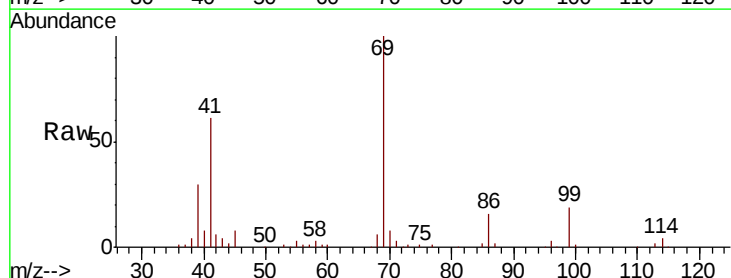
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

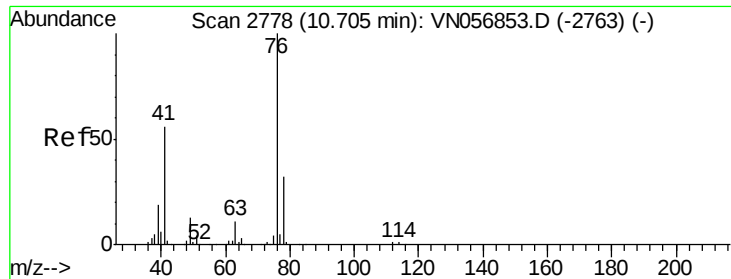
Tot Ion: 97 Resp: 74869
 Ion Ratio Lower Upper
 97 100
 83 87.3 70.0 105.0
 85 57.1 45.1 67.7
 99 64.9 50.2 75.4



#56
 Ethyl methacrylate
 Concen: 21.386 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

Tgt Ion: 69 Resp: 104985
 Ion Ratio Lower Upper
 69 100
 41 62.6 51.0 76.6
 39 29.6 24.5 36.7

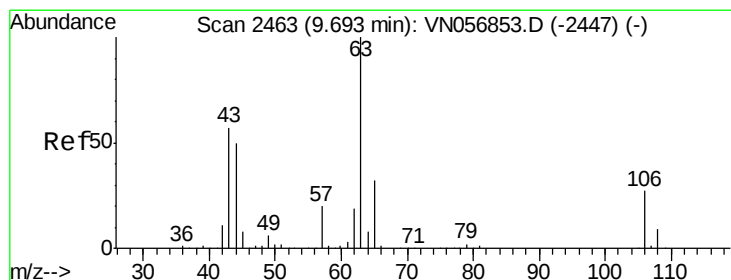
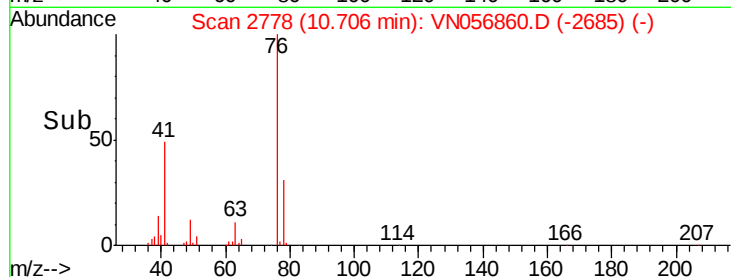
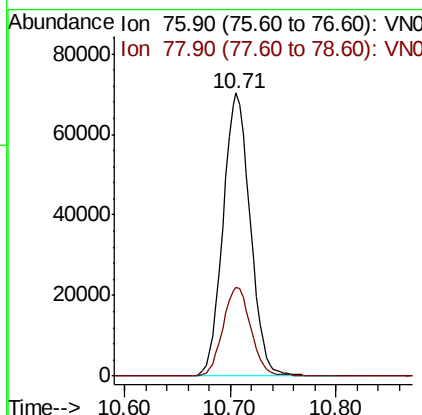
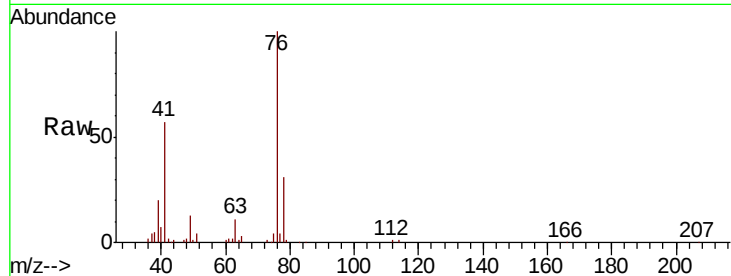




#57
 1,3-Dichloropropane
 Concen: 21.403 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

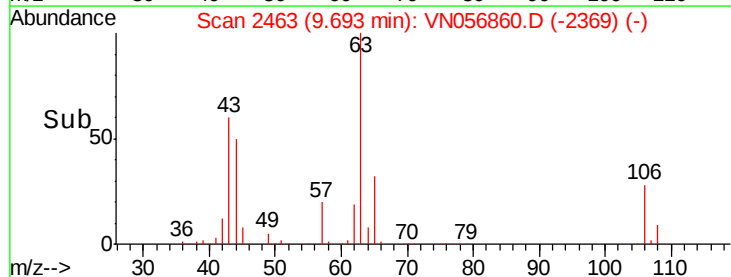
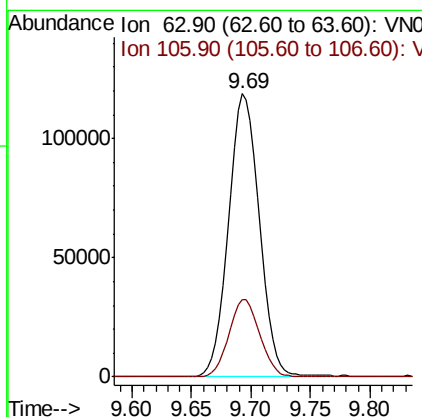
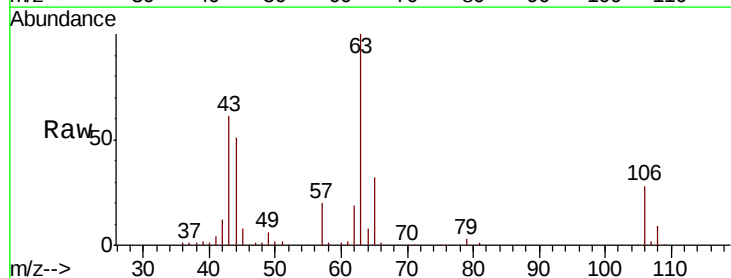
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

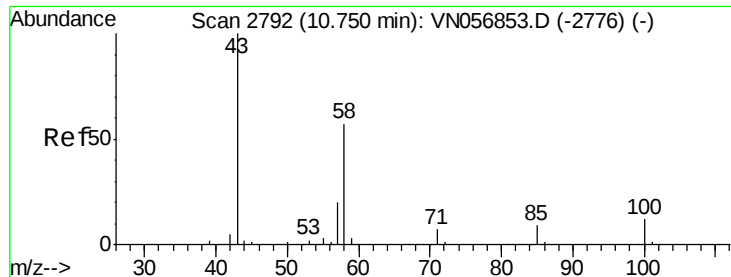
Tot Ion: 76 Resp: 125282
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.277 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

Tgt Ion: 63 Resp: 214243
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.8 32.8

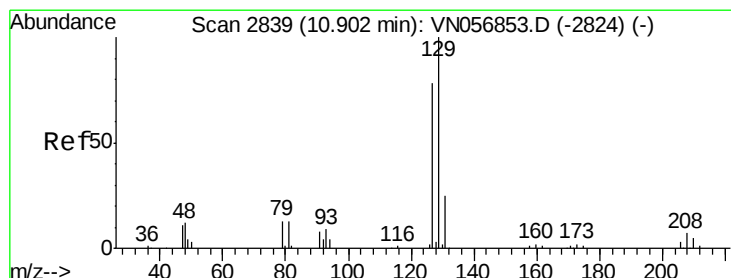
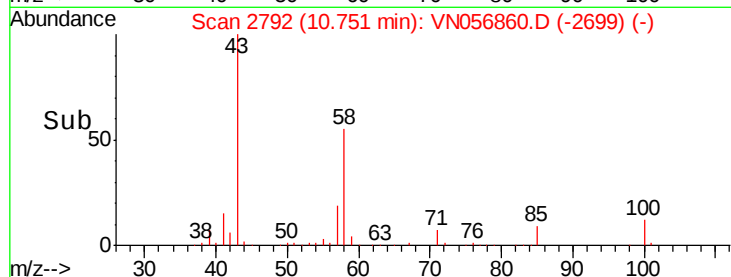
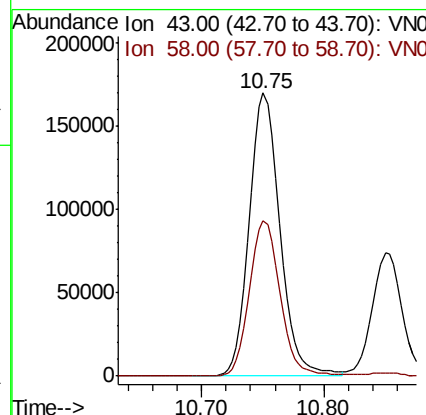
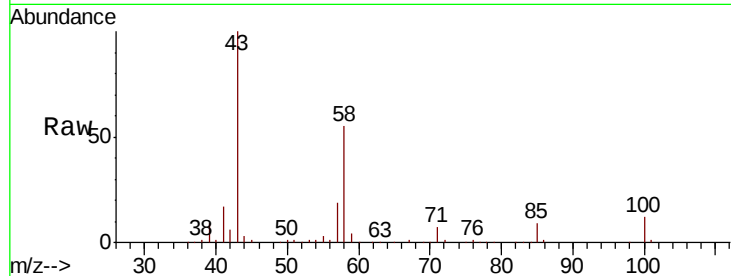




#59
2-Hexanone
Concen: 107.326 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

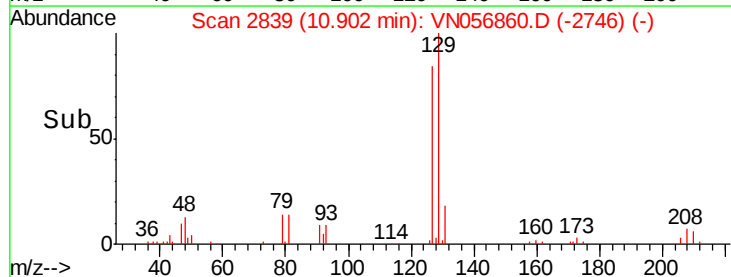
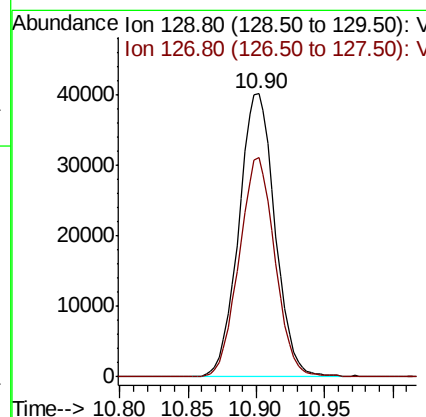
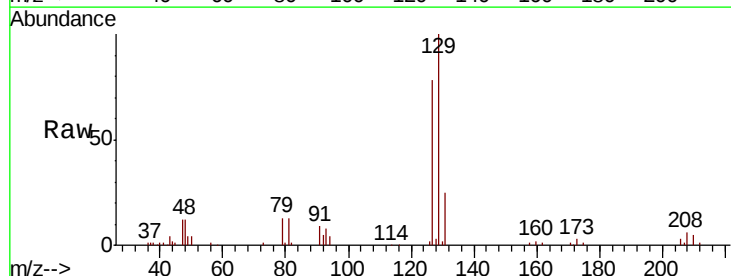
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

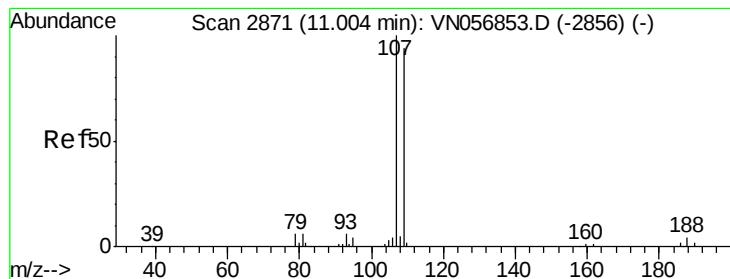
Tot Ion: 43 Resp: 292742
Ion Ratio Lower Upper
43 100
58 55.4 28.3 85.0



#60
Dibromochloromethane
Concen: 20.851 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion: 129 Resp: 73991
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.536 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

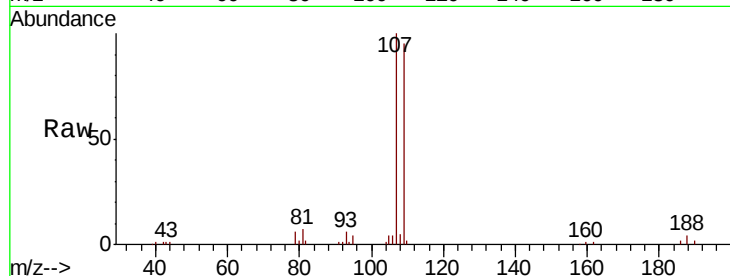
VN0722WBSD01

Tot Ion:107 Resp: 75637

Ion Ratio Lower Upper

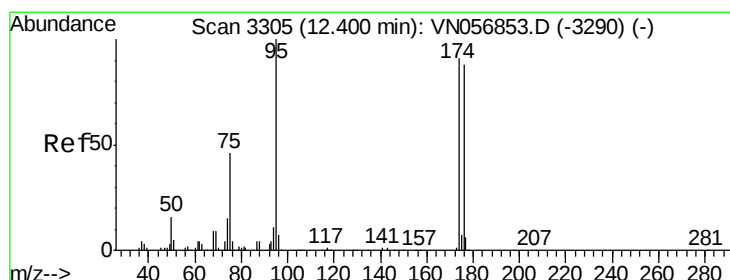
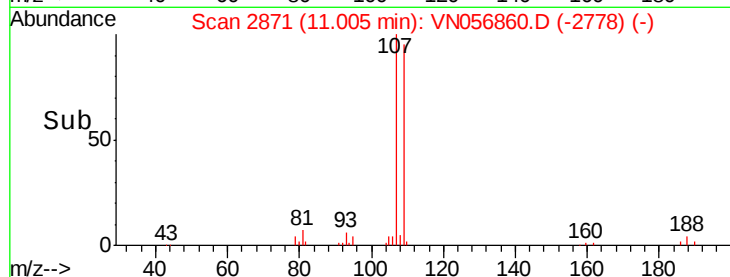
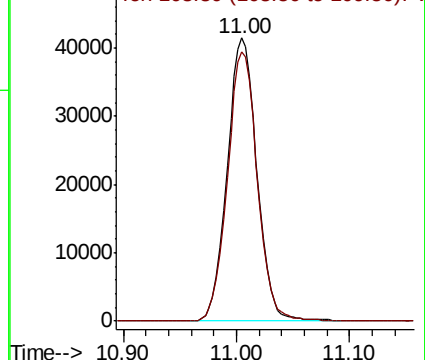
107 100

109 95.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.800 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

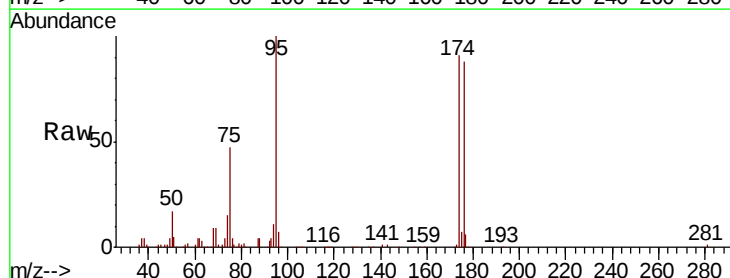
Tgt Ion: 95 Resp: 208366

Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.4

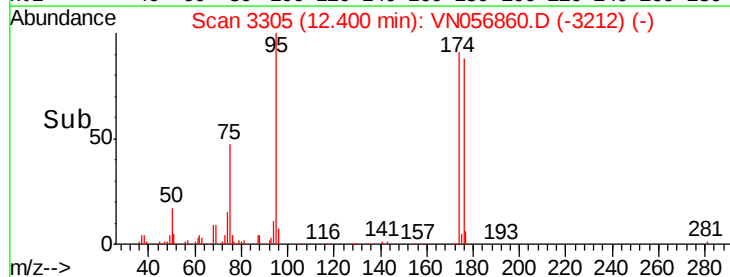
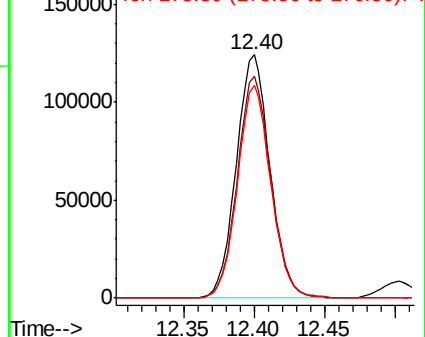
176 86.7 0.0 175.8

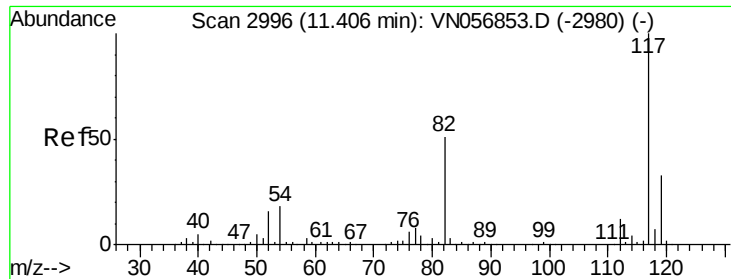


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

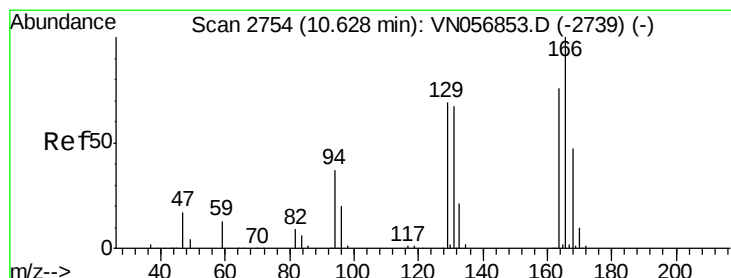
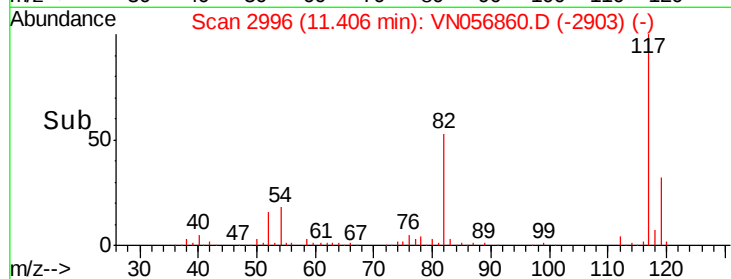
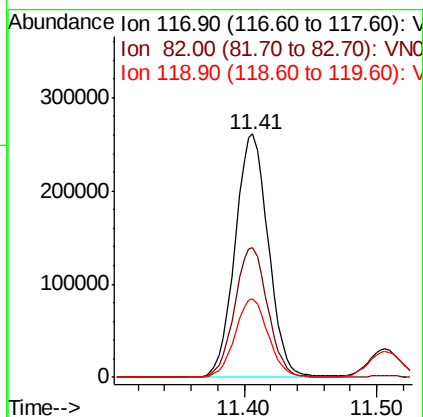
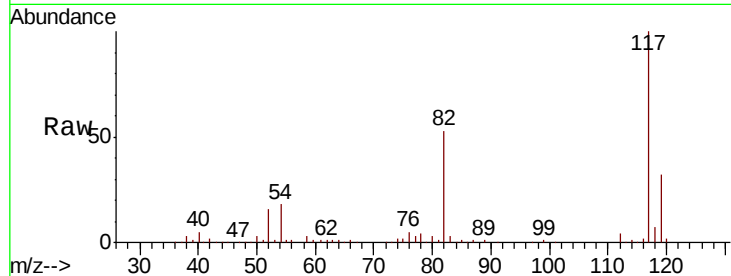




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

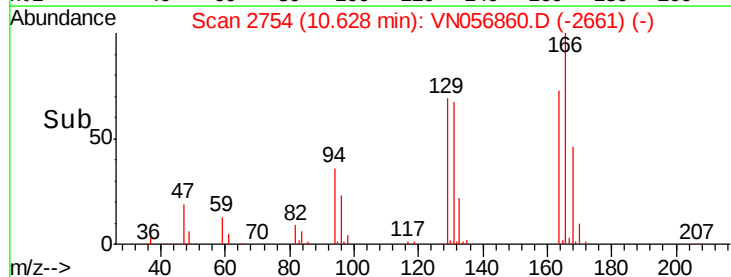
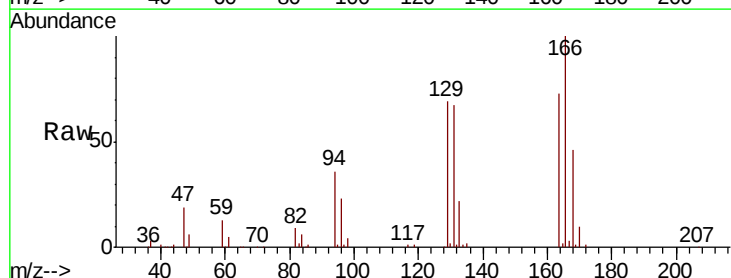
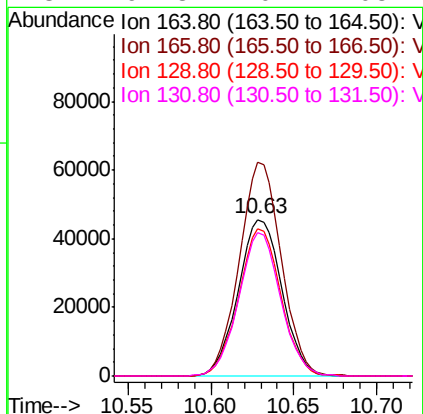
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

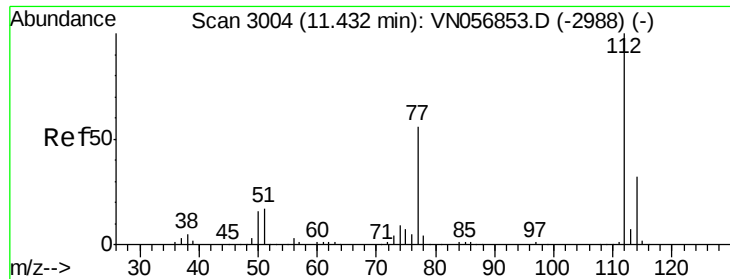
Tot Ion:117 Resp: 455145
Ion Ratio Lower Upper
117 100
82 53.2 41.2 61.8
119 32.3 26.4 39.6



#64
Tetrachloroethene
Concen: 21.392 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion:164 Resp: 83527
Ion Ratio Lower Upper
164 100
166 136.2 104.9 157.3
129 93.7 72.8 109.2
131 91.8 70.2 105.2

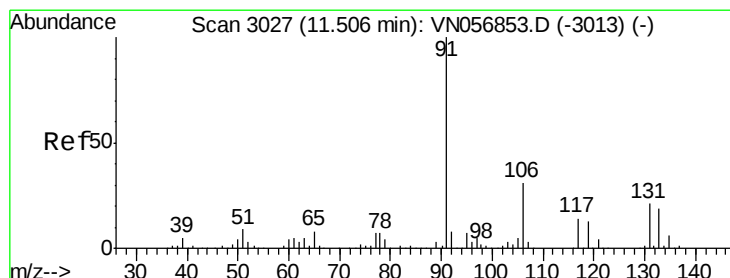
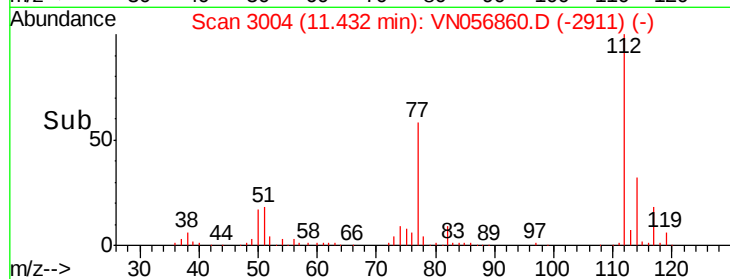
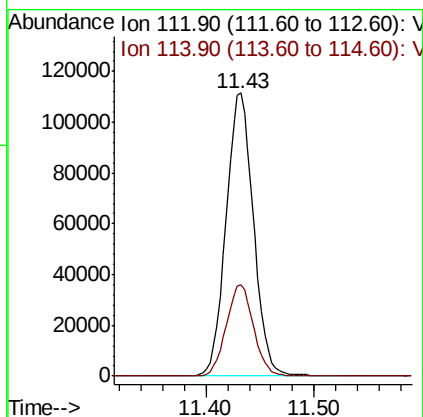
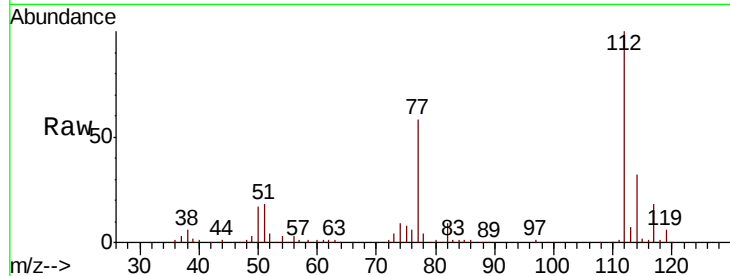




#65
Chlorobenzene
Concen: 20.884 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

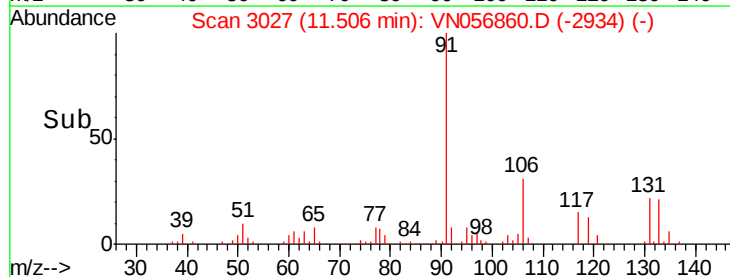
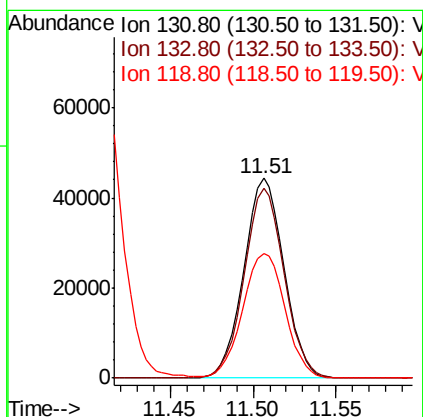
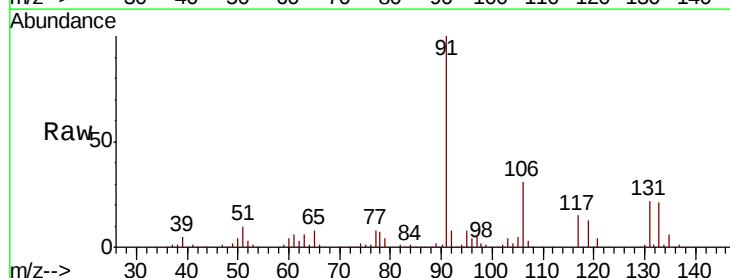
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

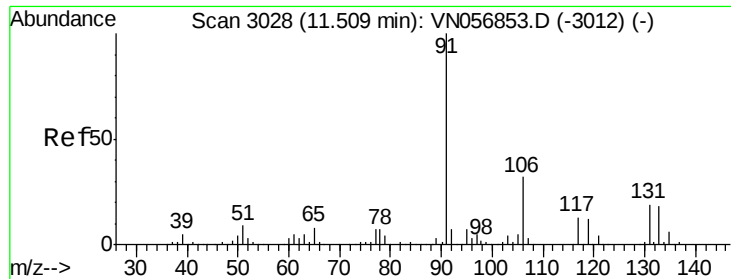
Tot Ion:112 Resp: 197532
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.972 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion:131 Resp: 74782
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.3
119 66.0 33.1 99.5

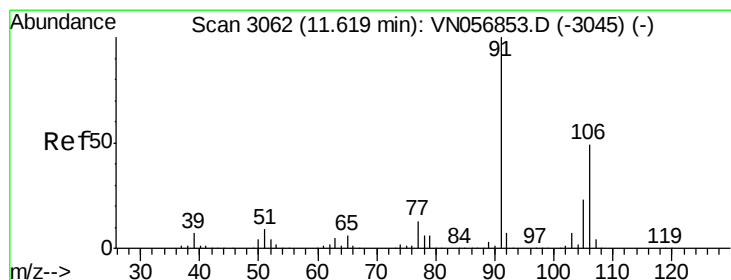
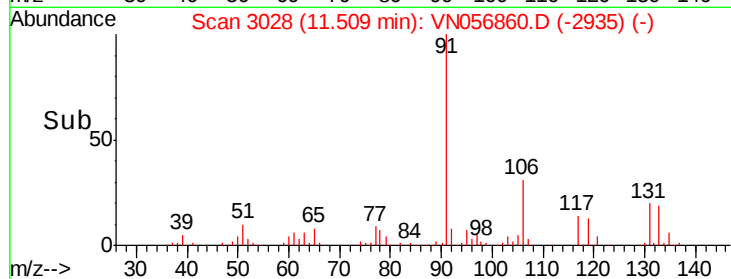
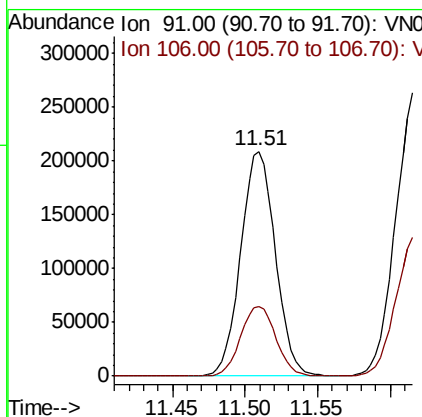
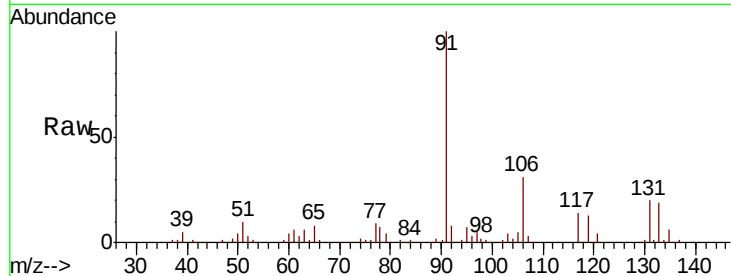




#67
Ethyl Benzene
Concen: 21.259 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

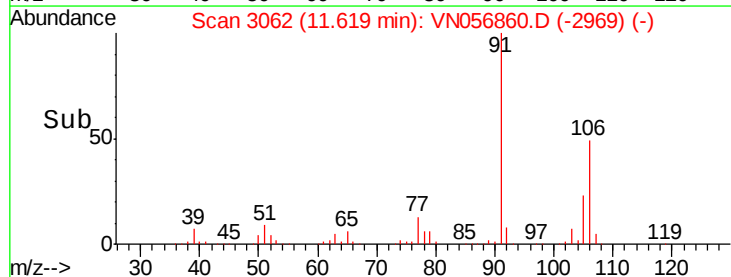
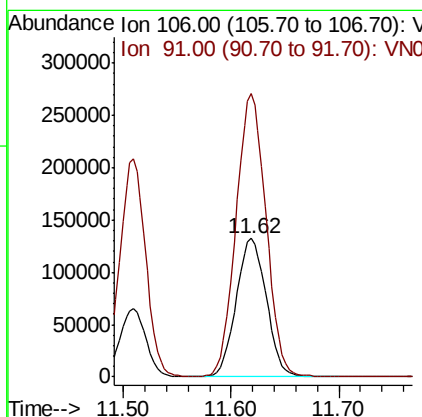
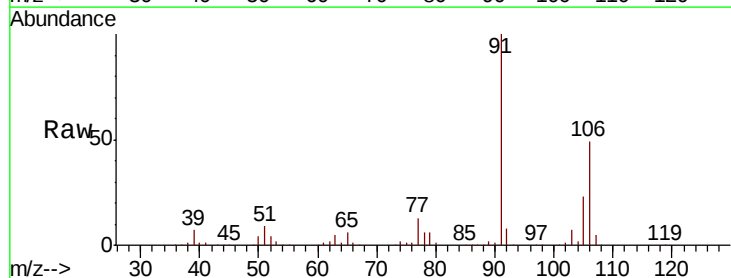
Instrument :
MSVOA_N
ClientSampled :
VN0722WBSD01

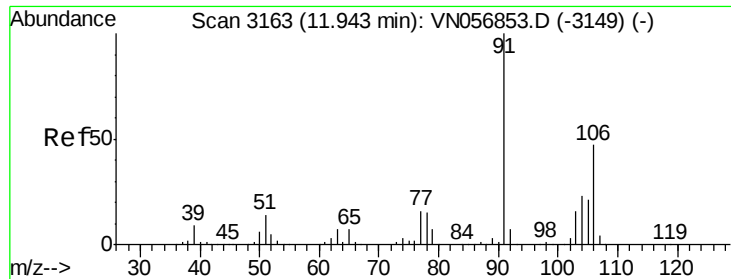
Tot Ion: 91 Resp: 347119
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9



#68
m/p-Xylenes
Concen: 42.401 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion: 106 Resp: 259189
Ion Ratio Lower Upper
106 100
91 202.9 160.5 240.7

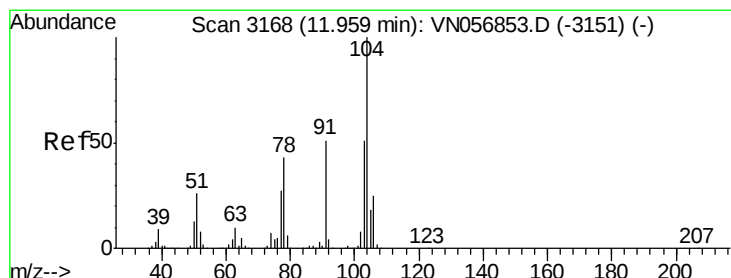
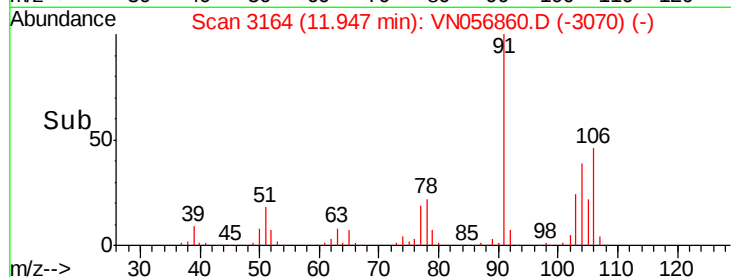
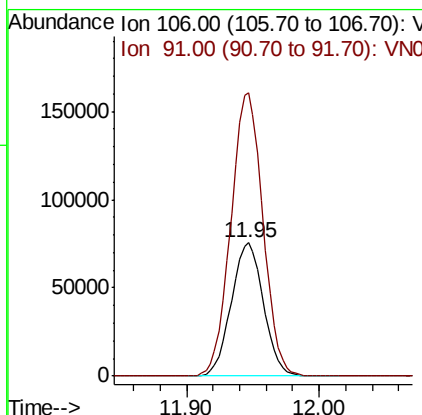
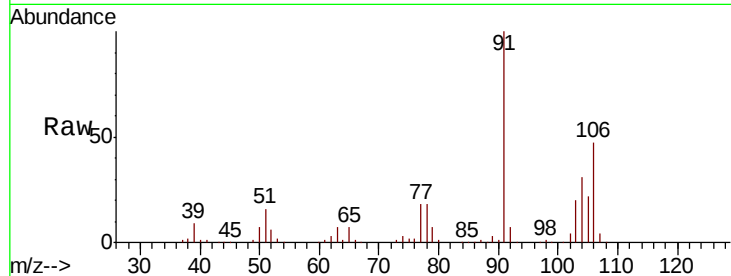




#69
o-Xylene
Concen: 21.359 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

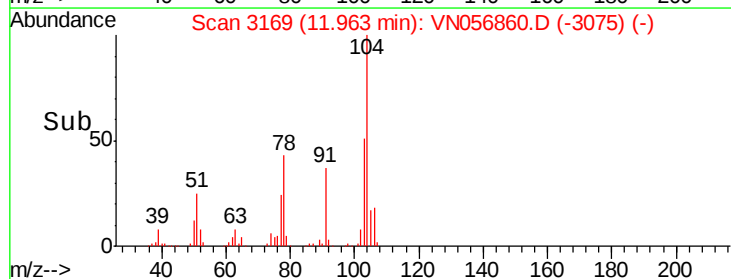
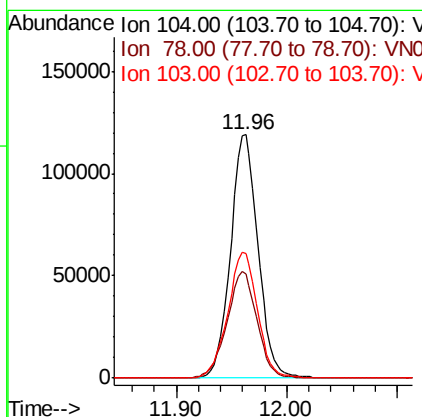
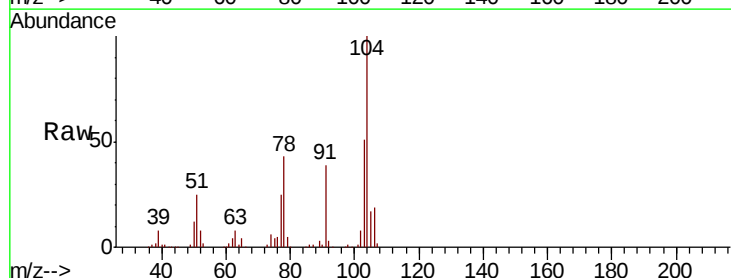
Instrument :
MSVOA_N
ClientSampled :
VN0722WBSD01

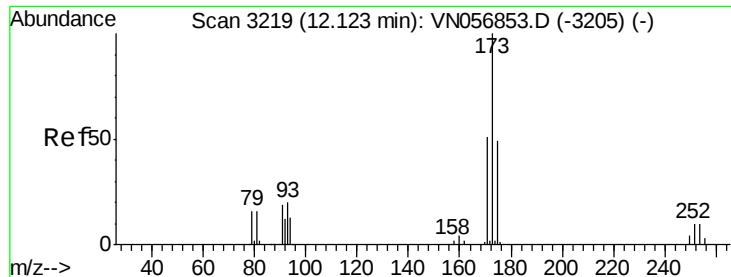
Tot Ion:106 Resp: 127459
Ion Ratio Lower Upper
106 100
91 211.2 105.1 315.3



#70
Styrene
Concen: 20.004 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion:104 Resp: 206178
Ion Ratio Lower Upper
104 100
78 47.8 38.1 57.1
103 55.8 44.2 66.4





#71

Bromoform

Concen: 20.342 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

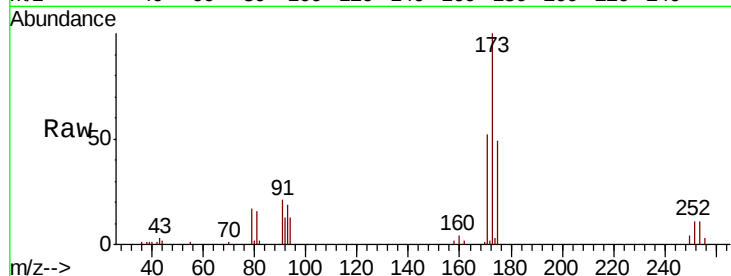
Tot Ion:173 Resp: 50266

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.3

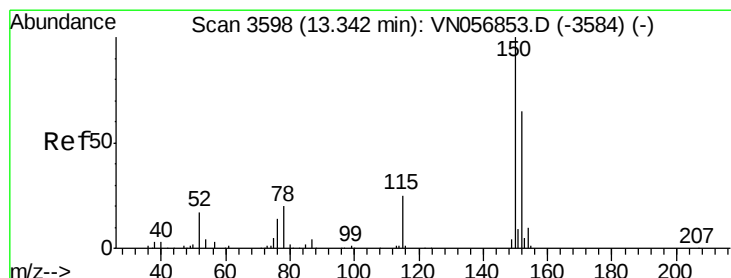
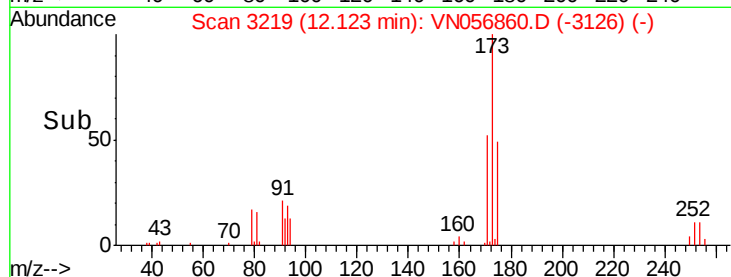
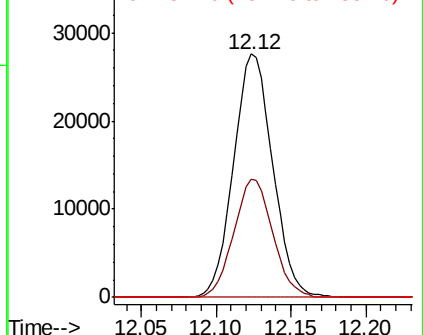
254 0.0 0.0 0.0



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: VN056860.D

Acq: 22 Jul 2019 17:46

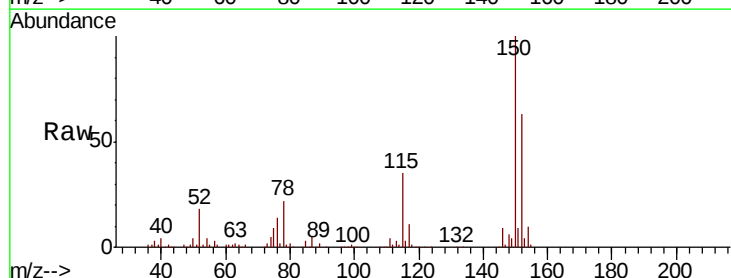
Tgt Ion:152 Resp: 180339

Ion Ratio Lower Upper

152 100

115 55.8 27.6 82.7

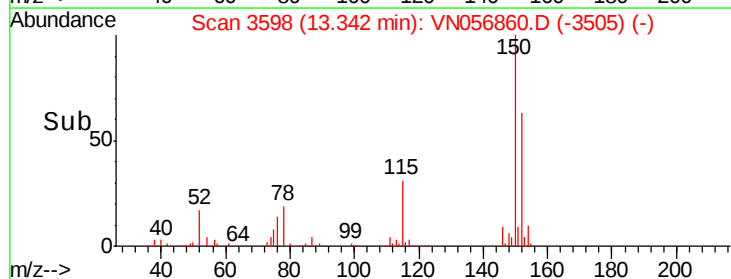
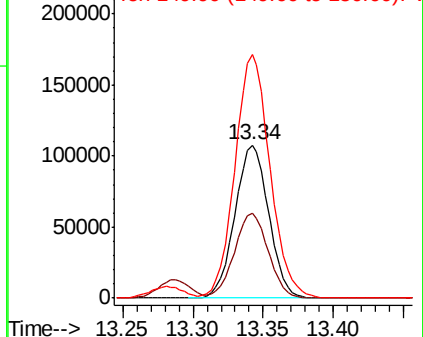
150 165.4 0.0 343.0

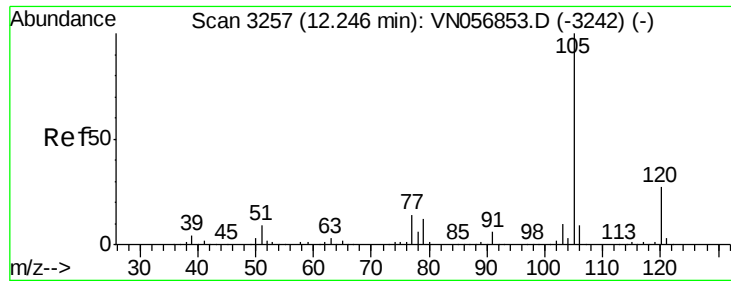


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.722 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

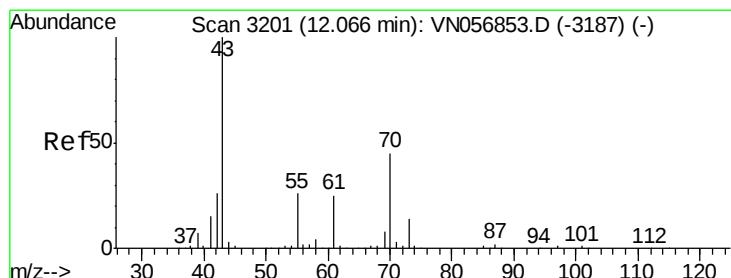
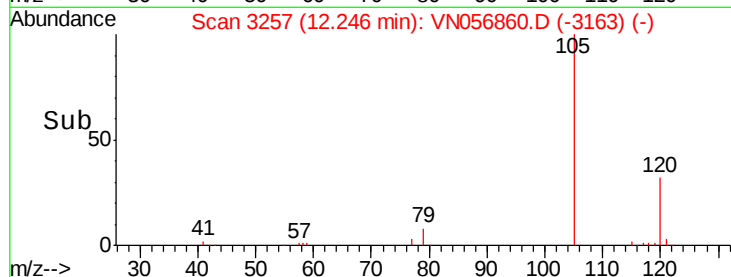
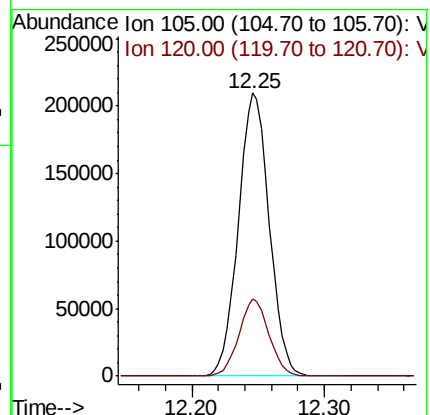
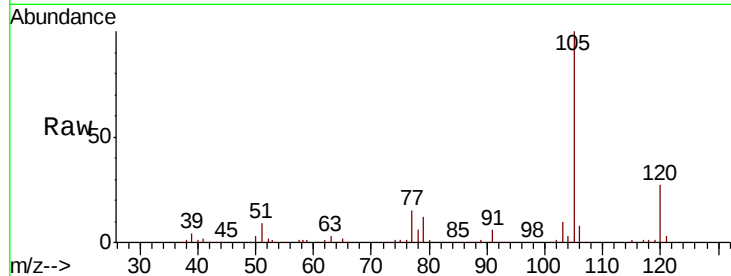
VN0722WBSD01

Tot Ion:105 Resp: 338915

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 20.859 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Tgt Ion: 43 Resp: 110446

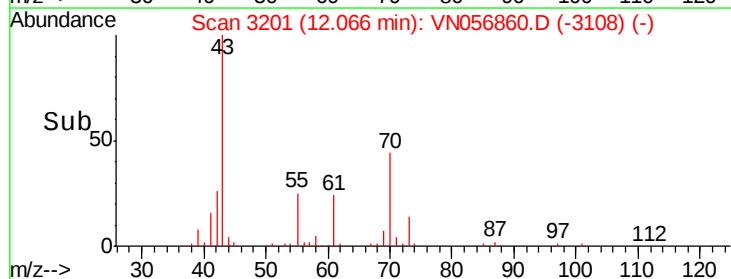
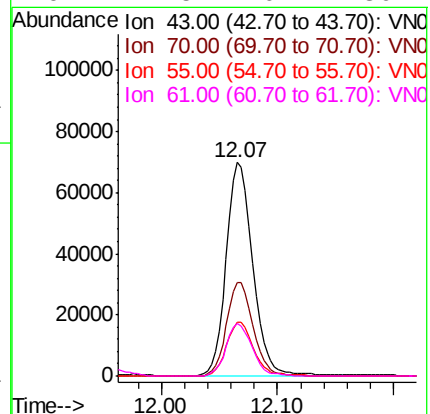
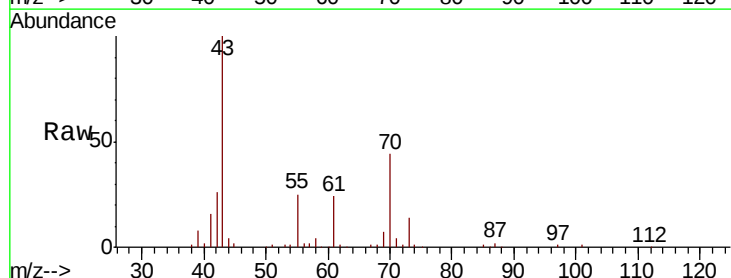
Ion Ratio Lower Upper

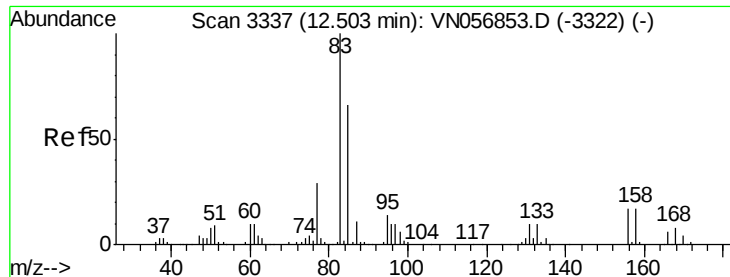
43 100

70 44.2 35.3 52.9

55 25.8 20.6 31.0

61 24.5 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.732 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

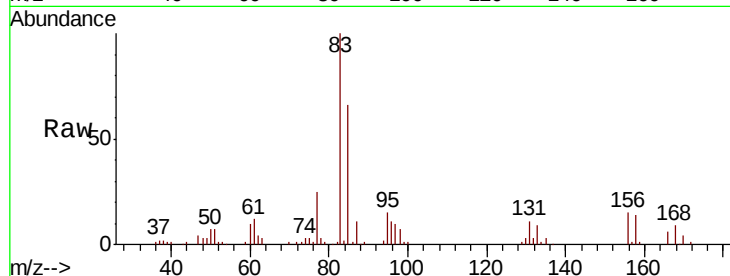
Tot Ion: 83 Resp: 96681

Ion Ratio Lower Upper

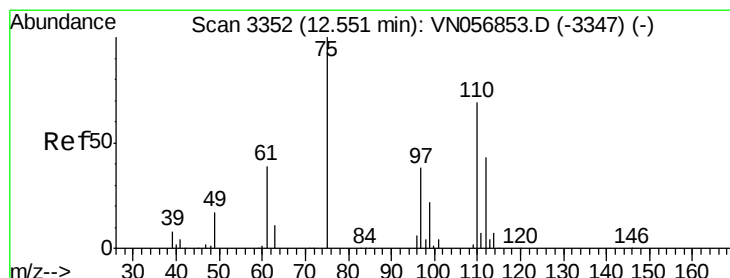
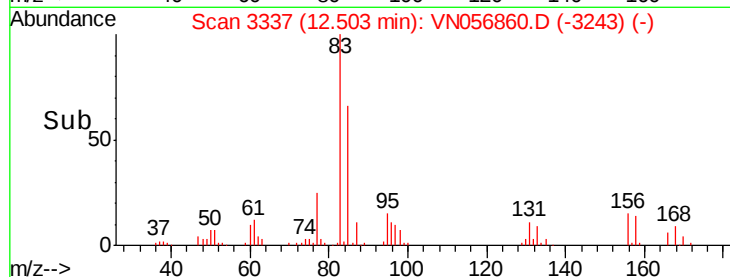
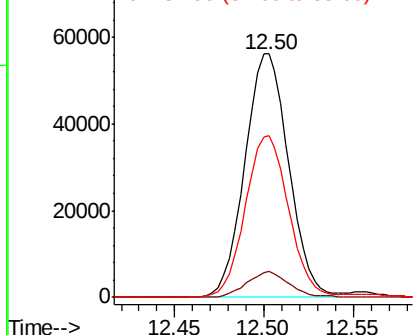
83 100

131 10.4 5.1 15.4

85 65.7 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: 30.648 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN056860.D

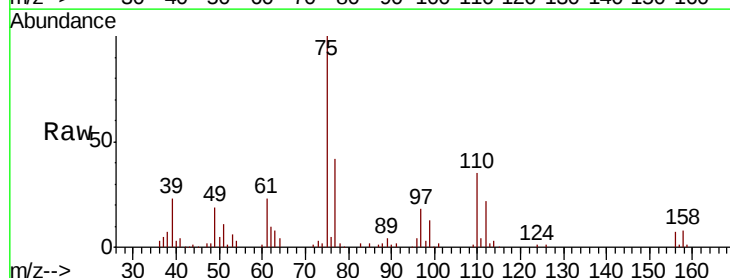
Acq: 22 Jul 2019 17:46

Tgt Ion: 75 Resp: 114546

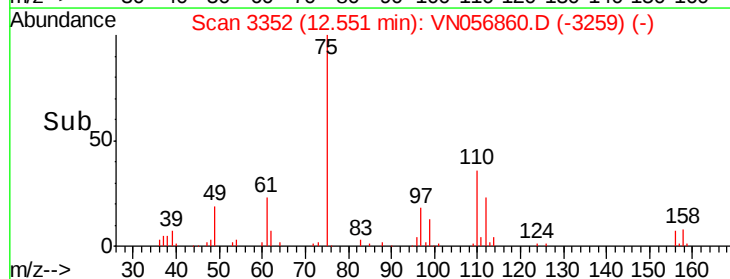
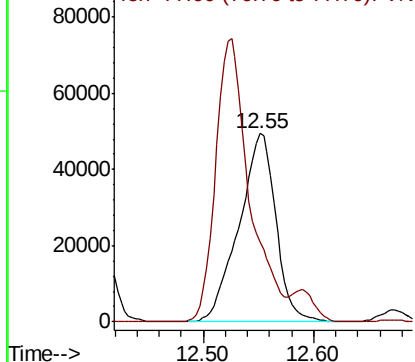
Ion Ratio Lower Upper

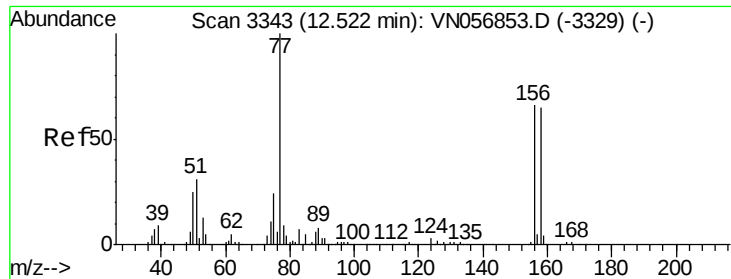
75 100

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: 21.719 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

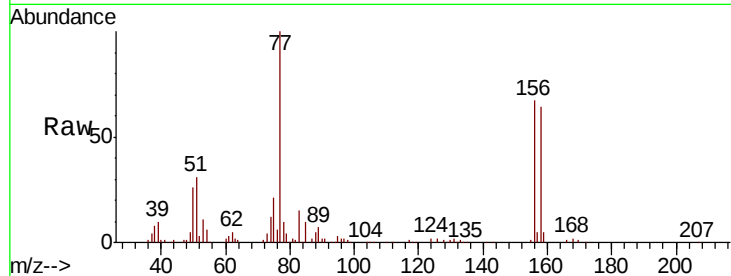
Tot Ion:156 Resp: 85435

Ion Ratio Lower Upper

156 100

77 185.3 90.7 272.1

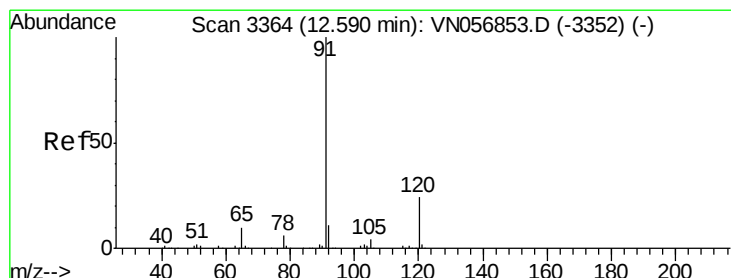
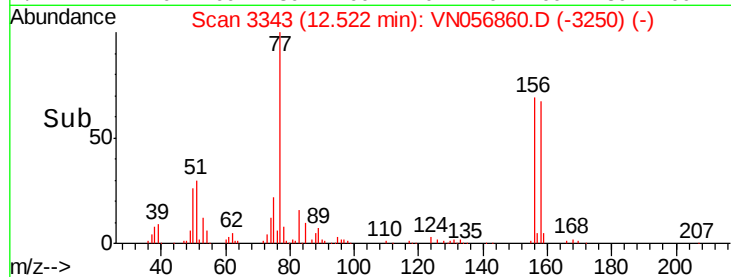
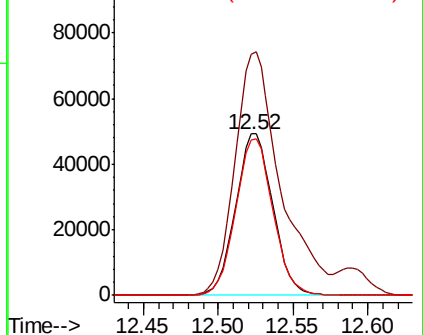
158 96.8 48.5 145.5



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: 21.695 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056860.D

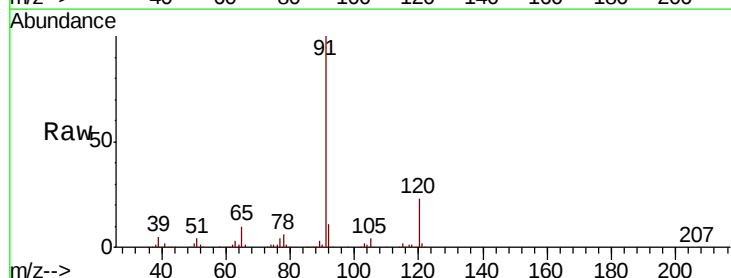
Acq: 22 Jul 2019 17:46

Tgt Ion: 91 Resp: 359626

Ion Ratio Lower Upper

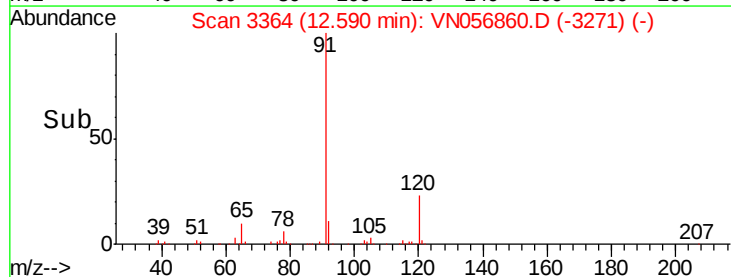
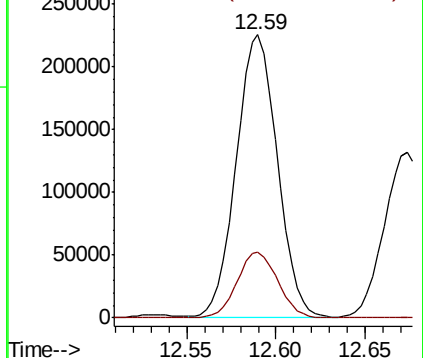
91 100

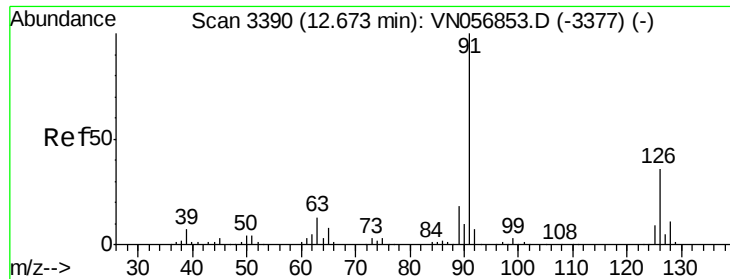
120 23.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.582 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

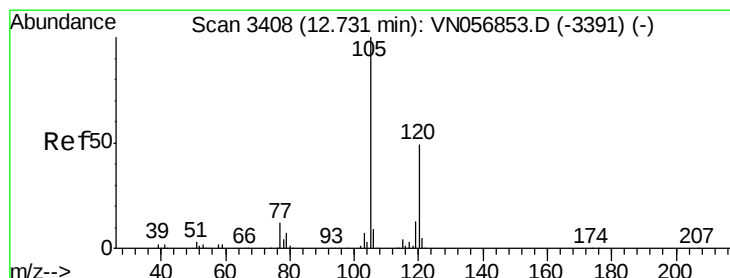
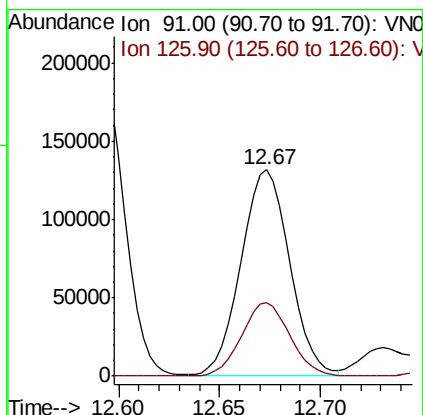
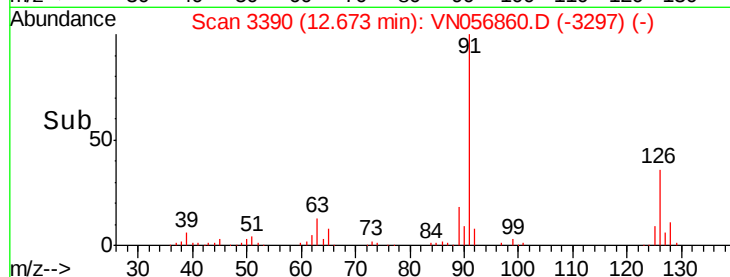
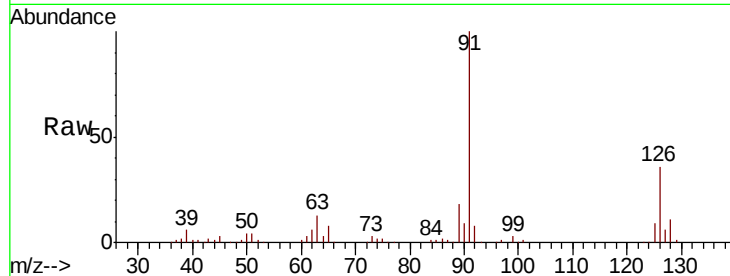
VN0722WBSD01

Tot Ion: 91 Resp: 221650

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 22.304 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056860.D

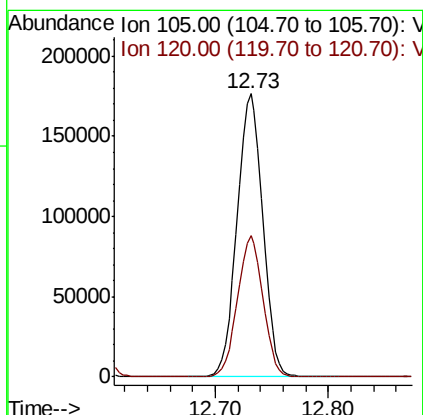
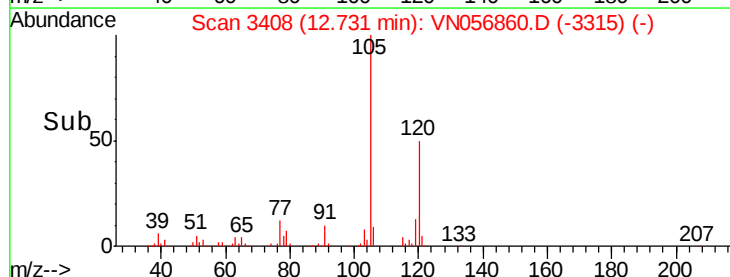
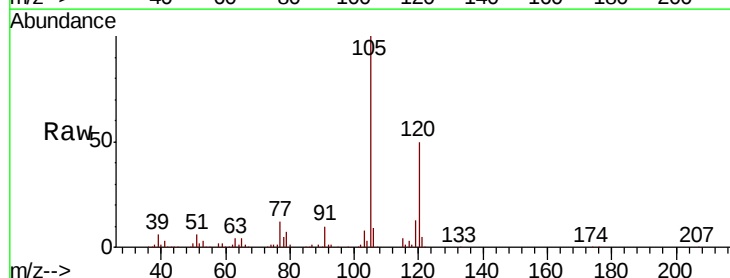
Acq: 22 Jul 2019 17:46

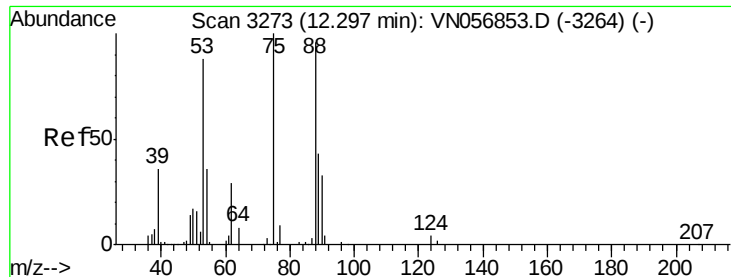
Tgt Ion: 105 Resp: 280527

Ion Ratio Lower Upper

105 100

120 49.3 24.7 74.1

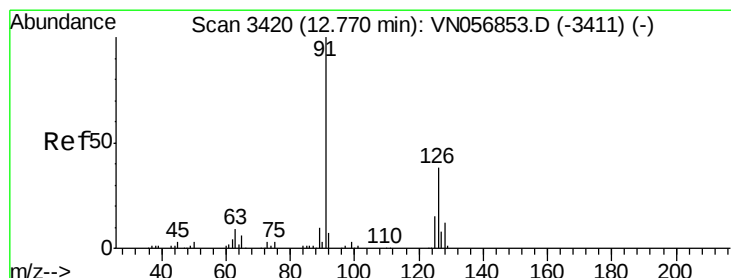
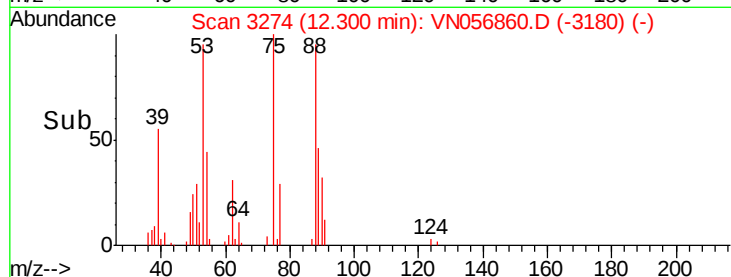
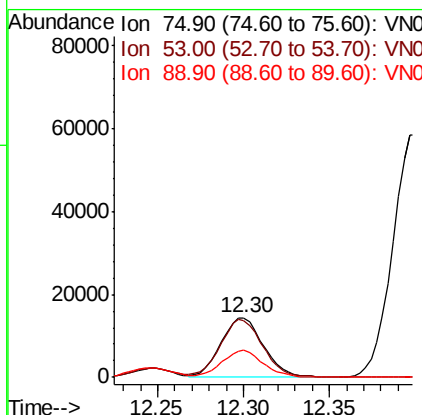
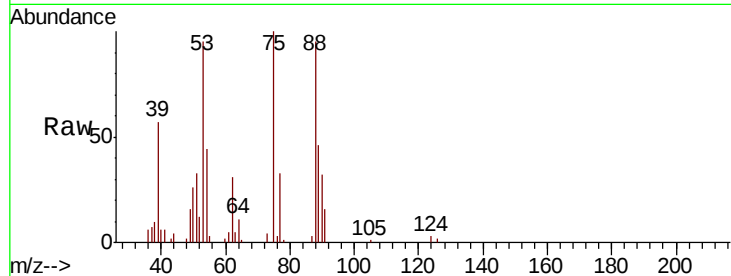




#81
trans-1,4-Dichloro-2-butene
Concen: 21.418 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

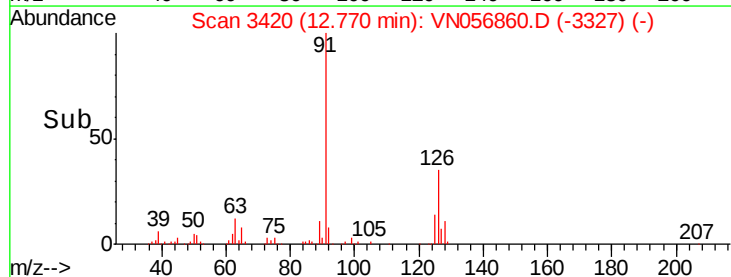
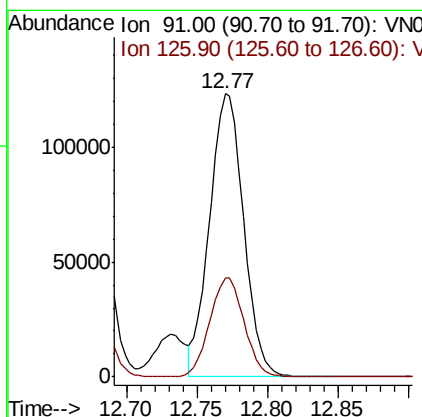
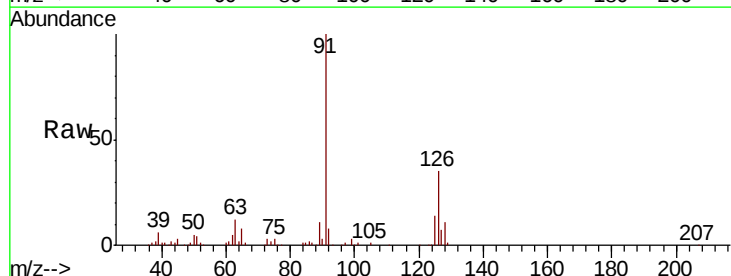
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

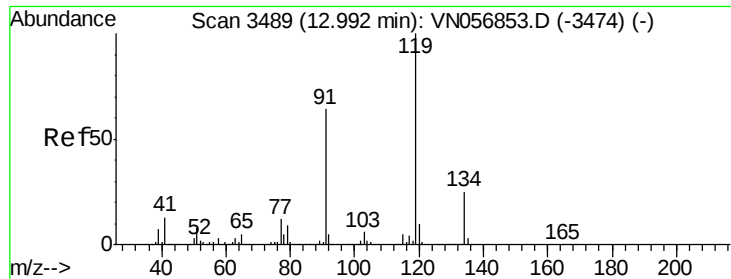
Tot Ion: 75 Resp: 24993
Ion Ratio Lower Upper
75 100
53 96.3 72.3 108.5
89 43.6 36.2 54.4



#82
4-Chlorotoluene
Concen: 20.934 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion: 91 Resp: 206448
Ion Ratio Lower Upper
91 100
126 35.3 17.3 52.0

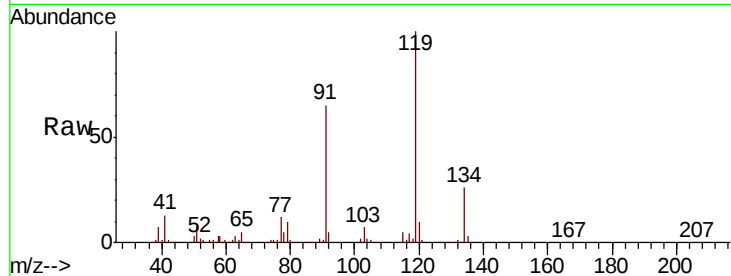




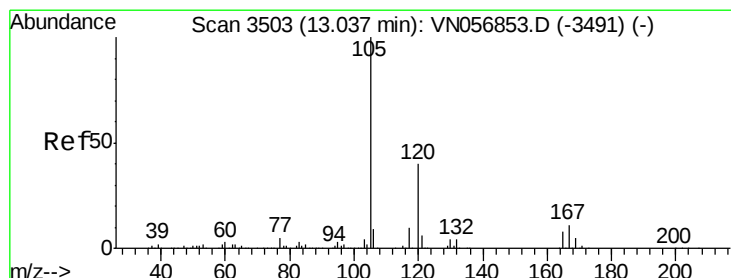
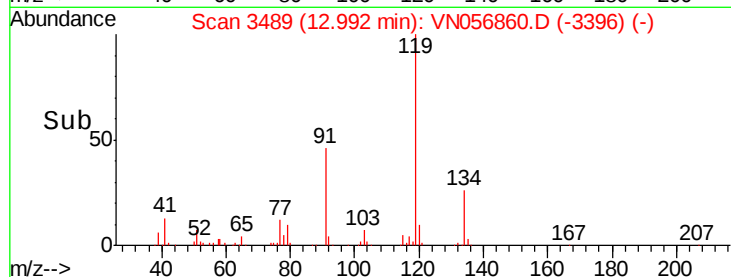
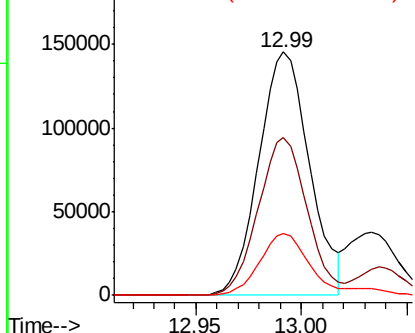
#83
tert-Butylbenzene
Concen: 22.419 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion:119 Resp: 243468
Ion Ratio Lower Upper
119 100
91 62.7 31.5 94.5
134 24.5 12.2 36.6

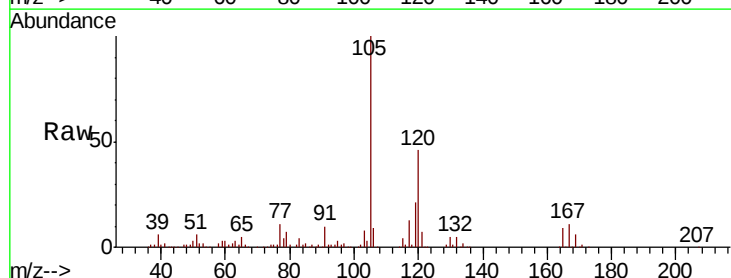


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

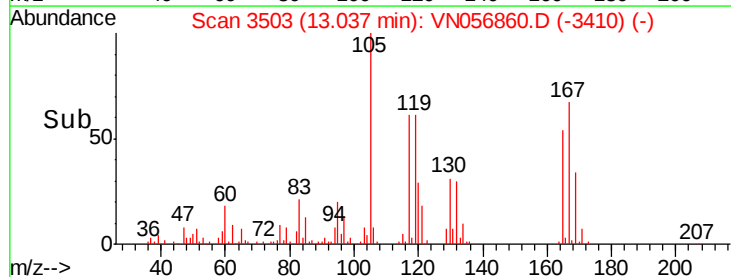
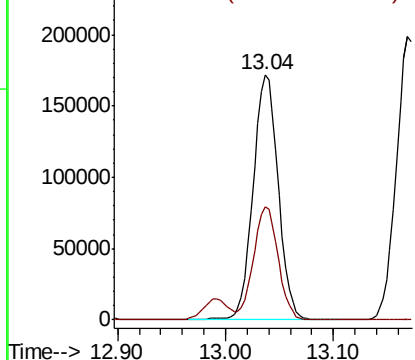


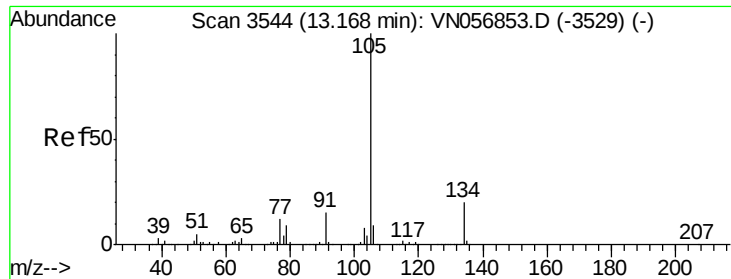
#84
1,2,4-Trimethylbenzene
Concen: 22.153 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion:105 Resp: 276770
Ion Ratio Lower Upper
105 100
120 45.7 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.422 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

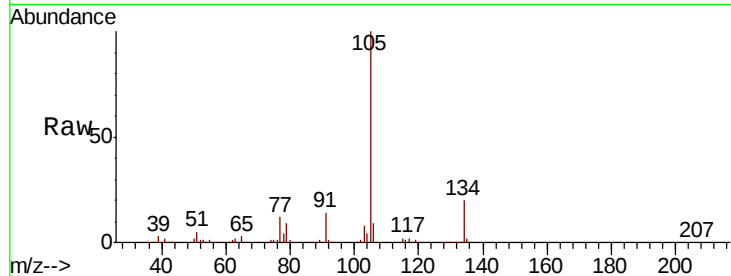
VN0722WBSD01

Tot Ion:105 Resp: 314518

Ion Ratio Lower Upper

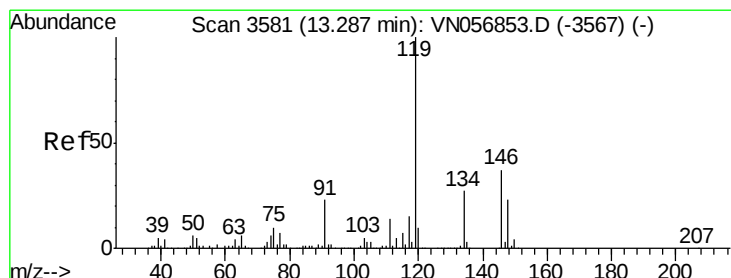
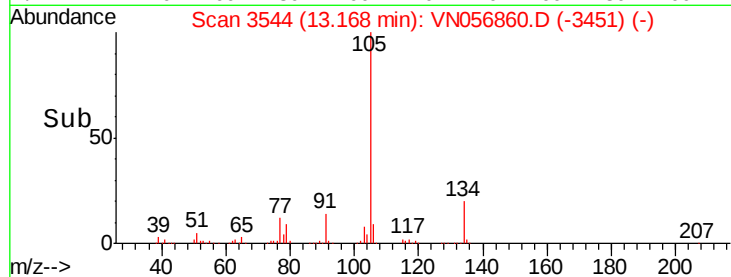
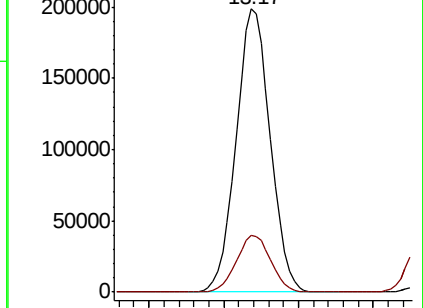
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.405 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

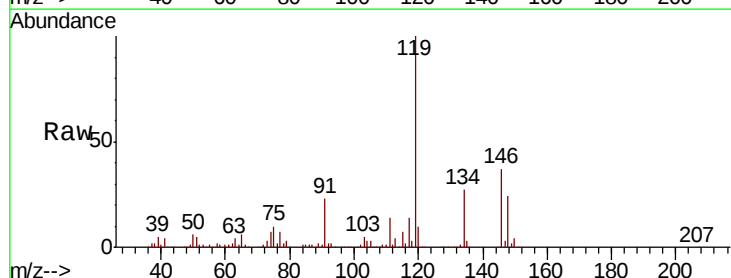
Tgt Ion:119 Resp: 279968

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

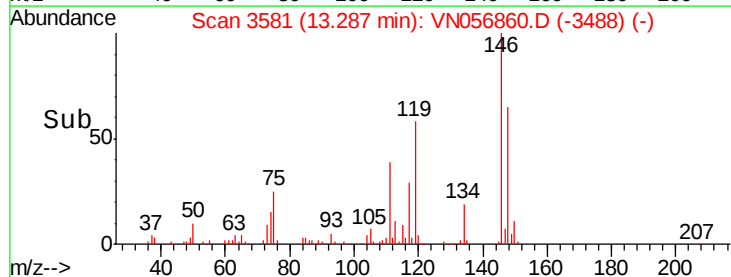
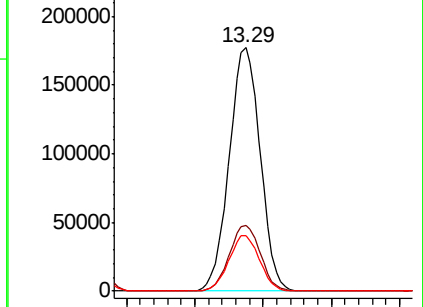
91 22.5 11.3 33.8

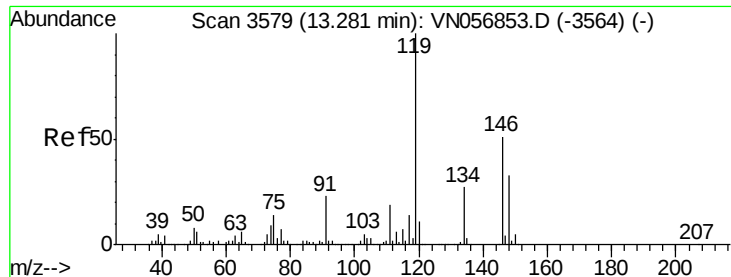


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

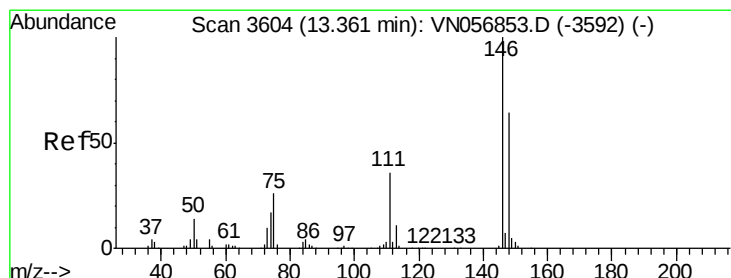
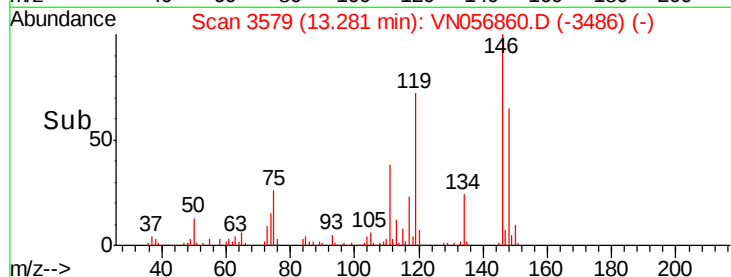
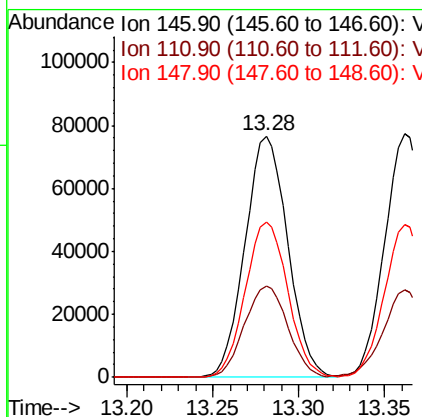
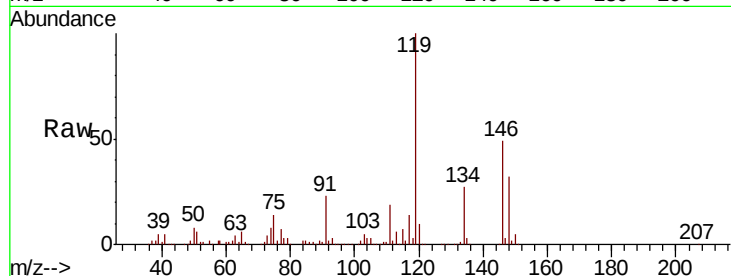




#87
 1,3-Dichlorobenzene
 Concen: 20.930 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

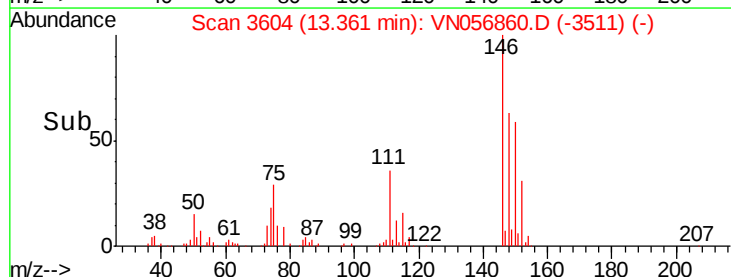
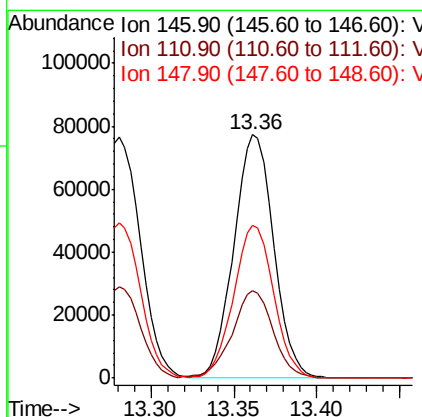
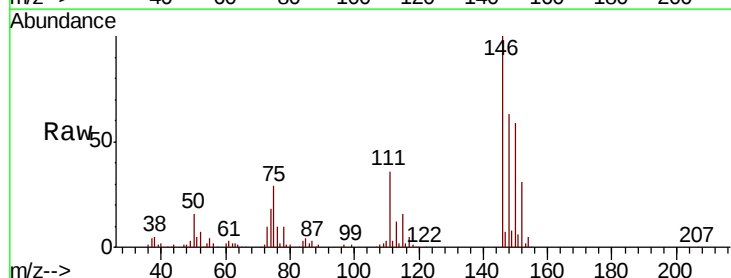
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

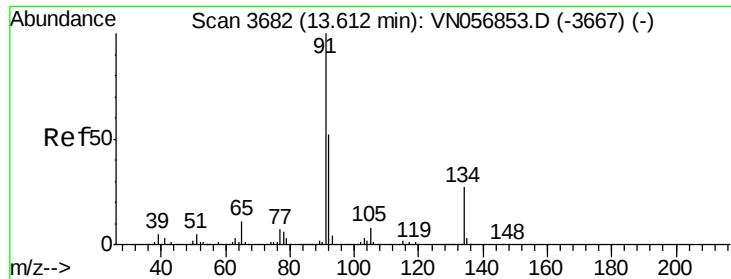
Tot Ion:146 Resp: 131977
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.5
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.043 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

Tgt Ion:146 Resp: 128904
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.3 54.9
 148 63.3 32.1 96.3

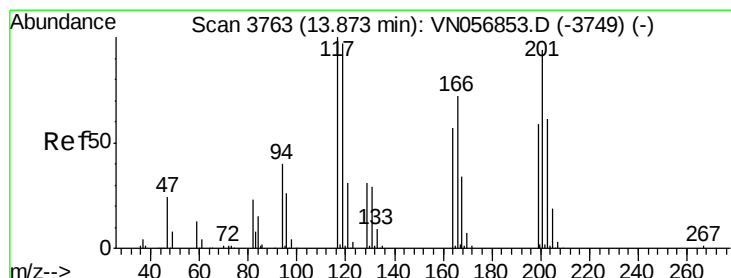
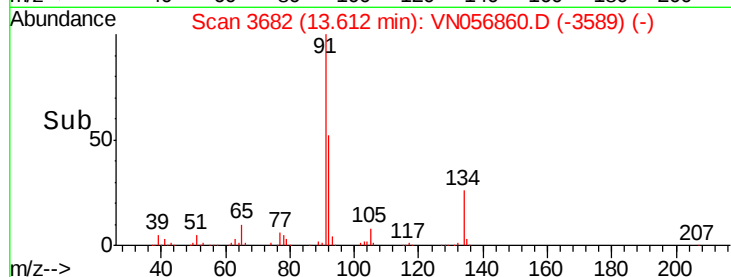
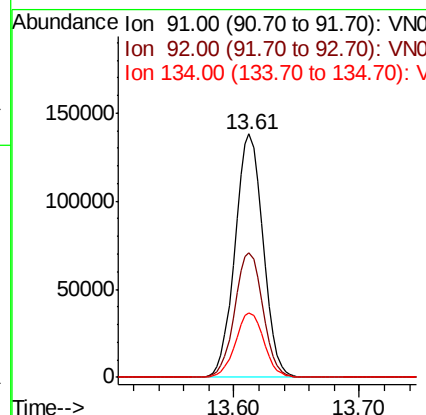
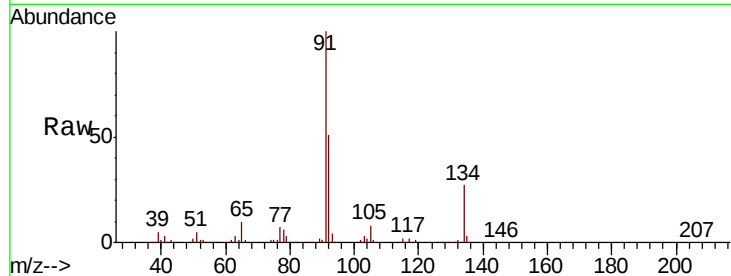




#89
n-Butylbenzene
Concen: 21.322 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

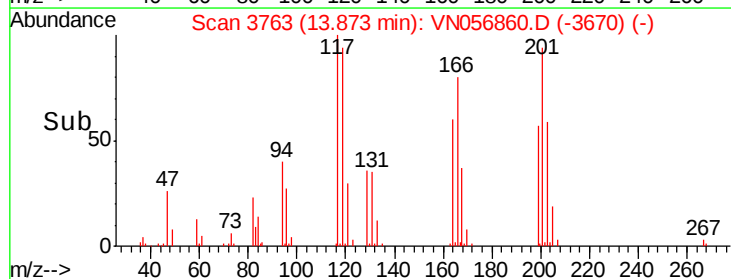
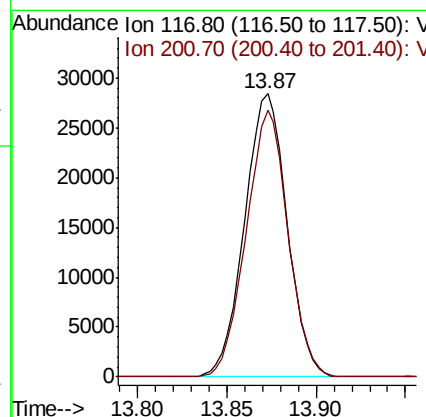
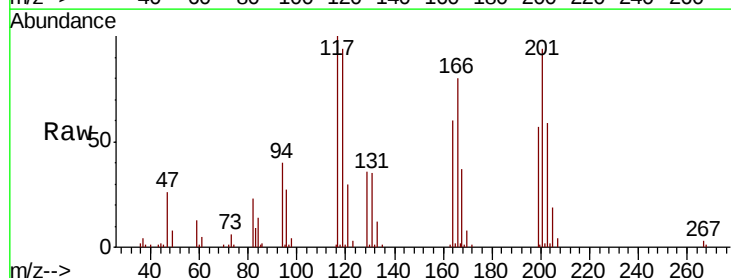
Instrument :
MSVOA_N
ClientSampled :
VN0722WBSD01

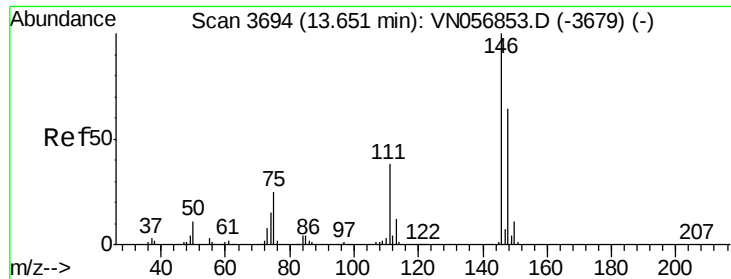
Tot Ion: 91 Resp: 214418
Ion Ratio Lower Upper
91 100
92 51.4 26.0 78.0
134 26.9 13.3 39.9



#90
Hexachloroethane
Concen: 20.684 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056860.D
Acq: 22 Jul 2019 17:46

Tgt Ion: 117 Resp: 47232
Ion Ratio Lower Upper
117 100
201 92.3 47.1 141.3





#91

1,2-Dichlorobenzene

Concen: 21.117 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampled :

VN0722WBSD01

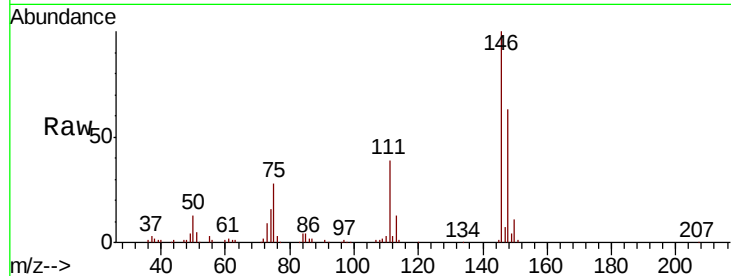
Tot Ion:146 Resp: 133834

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

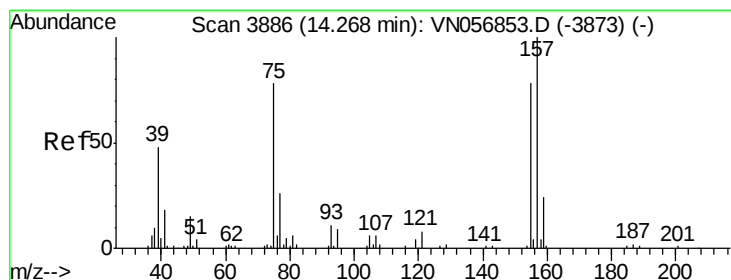
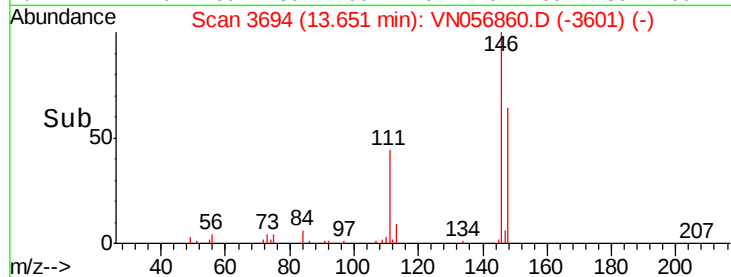
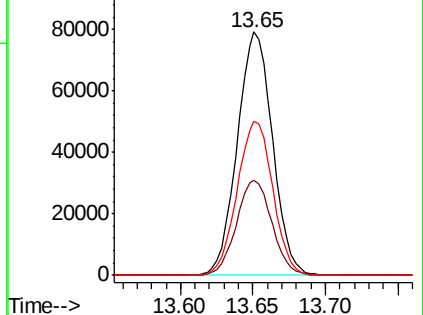
148 63.8 32.1 96.5



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: 20.295 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

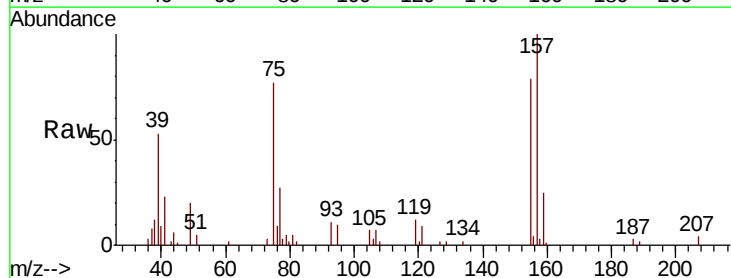
Tgt Ion: 75 Resp: 14004

Ion Ratio Lower Upper

75 100

155 95.7 49.9 149.6

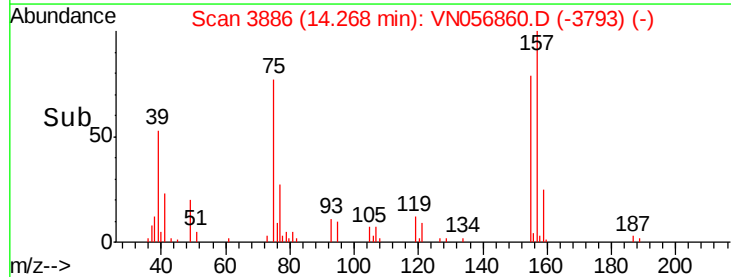
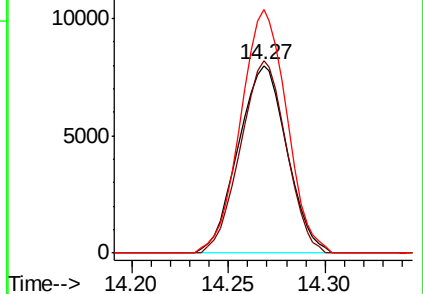
157 122.9 64.8 194.4

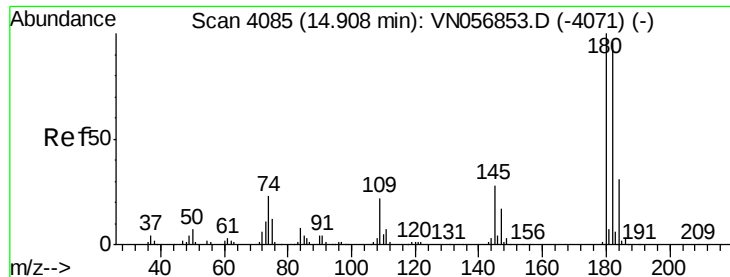


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

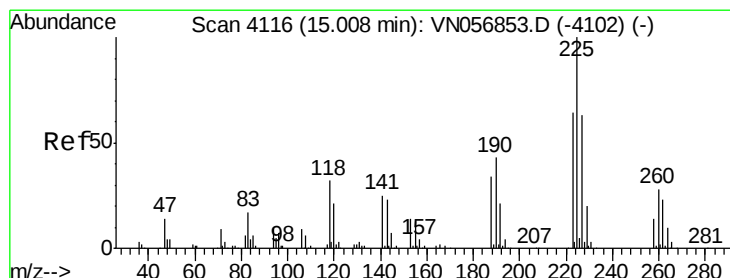
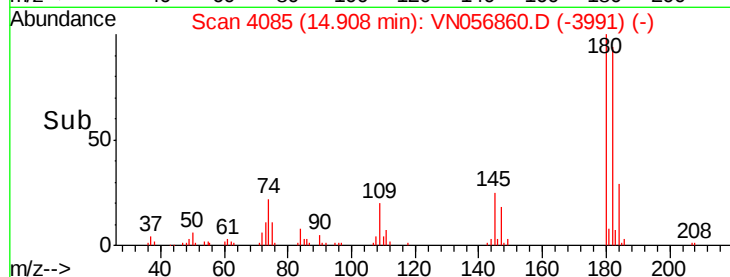
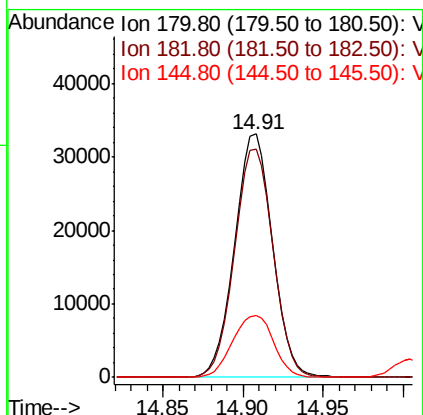
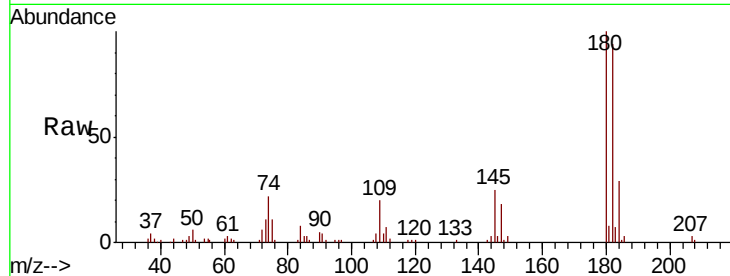




#93
 1,2,4-Trichlorobenzene
 Concen: 18.478 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

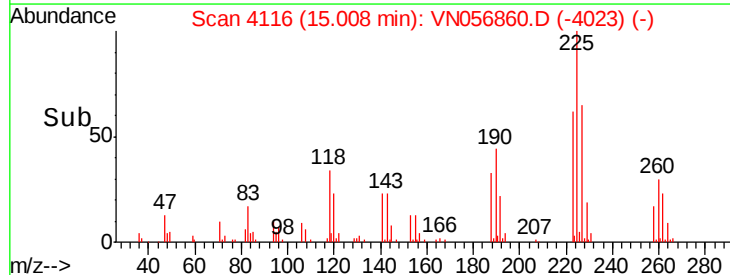
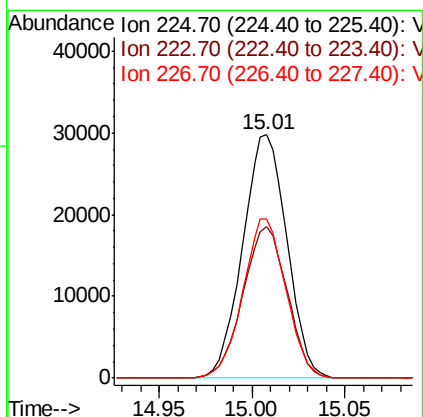
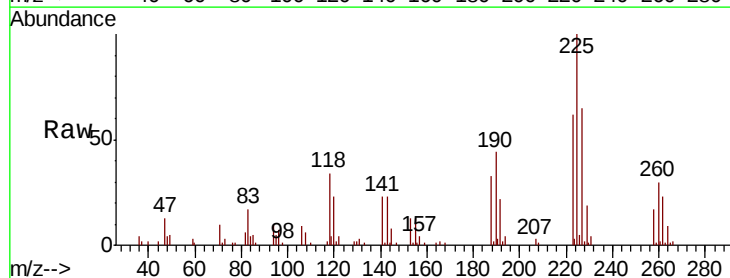
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

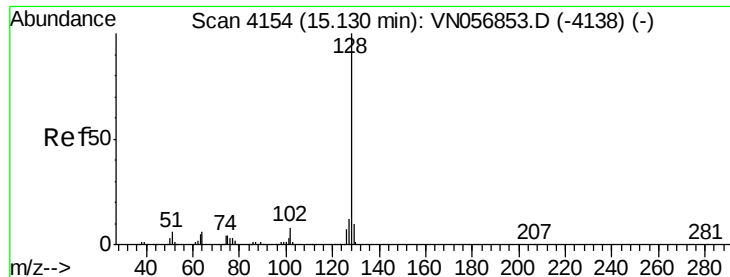
Tot Ion:180 Resp: 53279
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.7
 145 27.5 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 21.831 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056860.D
 Acq: 22 Jul 2019 17:46

Tgt Ion:225 Resp: 49247
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.9 95.5
 227 63.6 31.7 95.1





#95

Naphthalene

Concen: 17.931 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

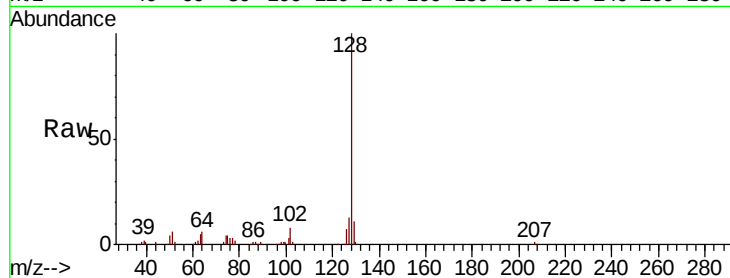
Tot Ion:128 Resp: 135357

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 11.0 8.5 12.7

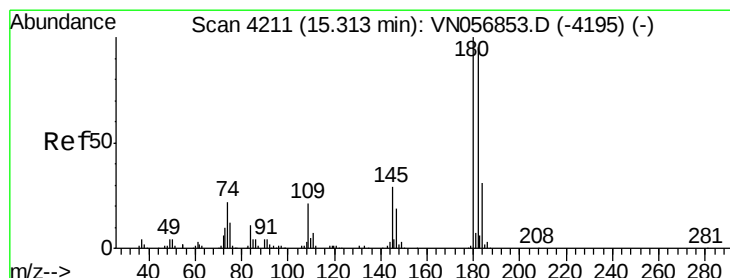
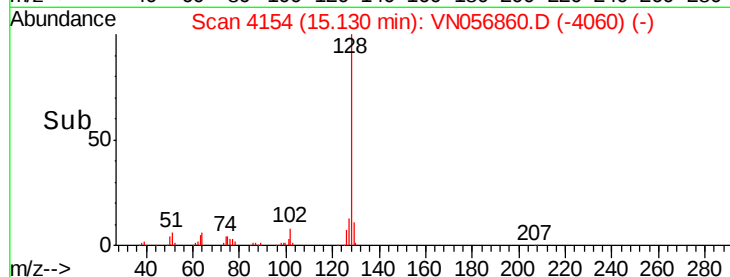
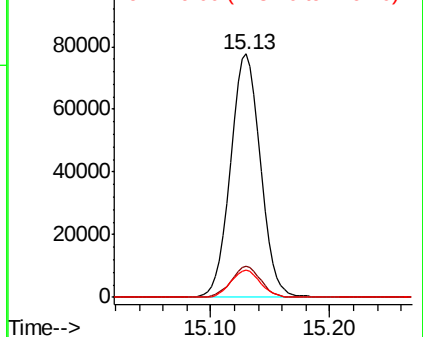


Abundance

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: 18.969 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056860.D

Acq: 22 Jul 2019 17:46

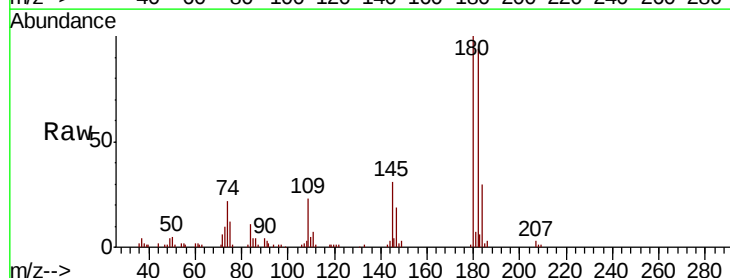
Tgt Ion:180 Resp: 60369

Ion Ratio Lower Upper

180 100

182 94.8 48.1 144.3

145 30.6 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

