

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056454.D
 Acq On : 24 Jun 2019 14:36
 Operator : JC/SP
 Sample : VN0624WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Quant Time: Jun 25 01:20:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	365889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	573851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	492400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	211449	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
35) Dibromofluoromethane	7.59	113	183066	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	10.09	98	678773	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	12.40	95	217198	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	60140	19.412	ug/l	96
3) Chloromethane	2.06	50	78304	18.562	ug/l	98
4) Vinyl Chloride	2.18	62	80241	19.694	ug/l	100
5) Bromomethane	2.54	94	51263	21.462	ug/l	97
6) Chloroethane	2.69	64	48174	20.417	ug/l	96
7) Trichlorofluoromethane	3.01	101	105683	20.052	ug/l	99
8) Diethyl Ether	3.41	74	45564	20.427	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	66751	19.860	ug/l	99
10) Methyl Iodide	3.95	142	88922	19.575	ug/l	99
11) Tert butyl alcohol	4.79	59	78533	114.983	ug/l #	93
12) 1,1-Dichloroethene	3.73	96	64838	20.060	ug/l	99
13) Acrolein	3.61	56	54845	95.276	ug/l	99
14) Allyl chloride	4.32	41	106599	19.812	ug/l	98
15) Acrylonitrile	4.99	53	194604	102.992	ug/l	99
16) Acetone	3.82	43	178281	87.750	ug/l	99
17) Carbon Disulfide	4.05	76	128106	17.426	ug/l	99
18) Methyl Acetate	4.33	43	91692	22.566	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	221123	20.675	ug/l	99
20) Methylene Chloride	4.55	84	79400	20.200	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	69504	19.945	ug/l	94
22) Diisopropyl ether	5.95	45	233597	20.673	ug/l	99
23) Vinyl Acetate	5.90	43	951136	106.721	ug/l	99
24) 1,1-Dichloroethane	5.85	63	135428	20.879	ug/l	100
25) 2-Butanone	6.84	43	264203	98.254	ug/l	96
26) 2,2-Dichloropropane	6.82	77	82016	18.180	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	83622	20.510	ug/l	98
28) Bromochloromethane	7.20	49	67723	21.109	ug/l	97
29) Tetrahydrofuran	7.21	42	177467	107.998	ug/l	99
30) Chloroform	7.37	83	133504	20.858	ug/l	100
31) Cyclohexane	7.65	56	122439	19.553	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	102853	20.273	ug/l	98
36) 1,1-Dichloropropene	7.79	75	94465	18.703	ug/l	98
37) Ethyl Acetate	6.93	43	103389	20.829	ug/l	98
38) Carbon Tetrachloride	7.77	117	86878	19.669	ug/l	96

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 Acq On : 24 Jun 2019 14:36
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 Sample : VN0624WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VN0624WBSD01

Quant Time: Jun 25 01:20:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	112633	18.072	ug/l	97
40) Benzene	8.04	78	307563	19.796	ug/l	98
41) Methacrylonitrile	7.17	41	40821	18.624	ug/l #	92
42) 1,2-Dichloroethane	8.12	62	102788	20.047	ug/l	100
43) Isopropyl Acetate	8.17	43	164675	21.515	ug/l	99
44) Trichloroethene	8.84	130	82214	19.644	ug/l	98
45) 1,2-Dichloropropane	9.12	63	83527	20.103	ug/l	96
46) Dibromomethane	9.21	93	53083	20.420	ug/l	100
47) Bromodichloromethane	9.40	83	95028	20.611	ug/l	100
48) Methyl methacrylate	9.20	41	75477	19.678	ug/l	99
49) 1,4-Dioxane	9.20	88	31030	389.843	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	501116	101.437	ug/l	100
52) Toluene	10.16	92	187781	19.769	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	92236	19.075	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	111148	20.019	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	78641	20.597	ug/l	98
56) Ethyl methacrylate	10.43	69	112711	20.200	ug/l	99
57) 1,3-Dichloropropane	10.71	76	129984	20.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	164665	82.145	ug/l	100
59) 2-Hexanone	10.75	43	350828	96.624	ug/l	100
60) Dibromochloromethane	10.90	129	71505	19.734	ug/l	99
61) 1,2-Dibromoethane	11.00	107	78455	20.119	ug/l	98
64) Tetrachloroethene	10.63	164	81888	21.000	ug/l	97
65) Chlorobenzene	11.43	112	197911	20.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	70487	21.079	ug/l	97
67) Ethyl Benzene	11.51	91	342071	19.690	ug/l	99
68) m/p-Xylenes	11.62	106	251229	39.460	ug/l	99
69) o-Xylene	11.95	106	126068	20.015	ug/l	98
70) Styrene	11.96	104	199227	19.788	ug/l	100
71) Bromoform	12.13	173	46999	19.470	ug/l #	98
73) Isopropylbenzene	12.25	105	333419	23.564	ug/l	100
74) N-amyl acetate	12.07	43	119327	21.103	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	105720	23.990	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	118567	32.184	ug/l #	100
77) Bromobenzene	12.53	156	84697	21.319	ug/l	100
78) n-propylbenzene	12.59	91	337555	20.746	ug/l	100
79) 2-Chlorotoluene	12.67	91	214720	22.685	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	264499	22.408	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	22399	21.609	ug/l	99
82) 4-Chlorotoluene	12.77	91	192996	20.089	ug/l	99
83) tert-Butylbenzene	12.99	119	242331	23.403	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	249894	20.893	ug/l	99
85) sec-Butylbenzene	13.17	105	300538	21.015	ug/l	99
86) p-Isopropyltoluene	13.29	119	249358	20.317	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	121563	20.191	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	112506	19.295	ug/l	100
89) n-Butylbenzene	13.61	91	164722	17.729	ug/l	99
90) Hexachloroethane	13.87	117	41179	21.521	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	123417	20.661	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13682	20.812	ug/l	98

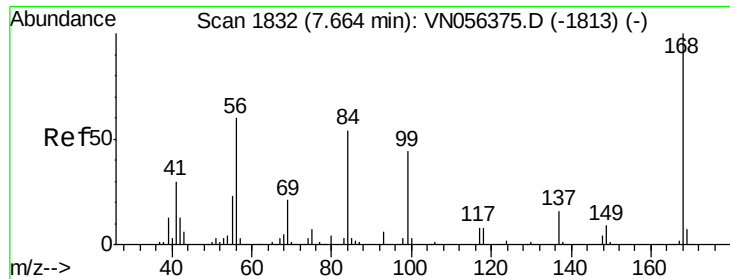
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
Data File : VN056454.D
Acq On : 24 Jun 2019 14:36
Operator : JC/SP
Sample : VN0624WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Jun 25 01:20:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	38147	16.500	ug/l	99
94) Hexachlorobutadiene	15.01	225	44922	21.106	ug/l	100
95) Naphthalene	15.13	128	109084	17.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	46363	17.577	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

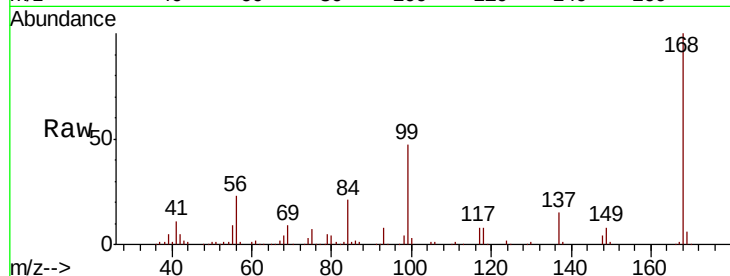
VN0624WBSD01

Tot Ion:168 Resp: 365889

Ion Ratio Lower Upper

168 100

99 46.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056375.D (-1813) (-)

7.67

150000

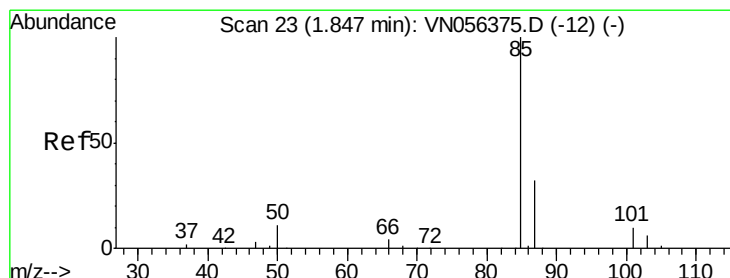
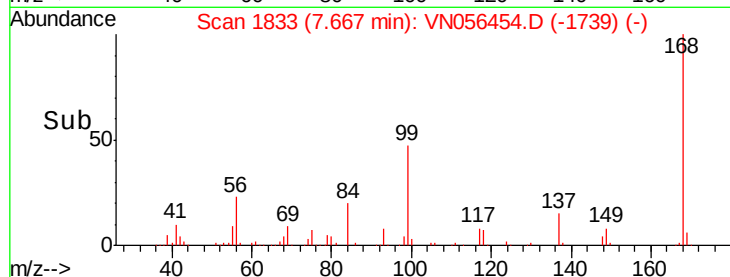
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.412 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056454.D

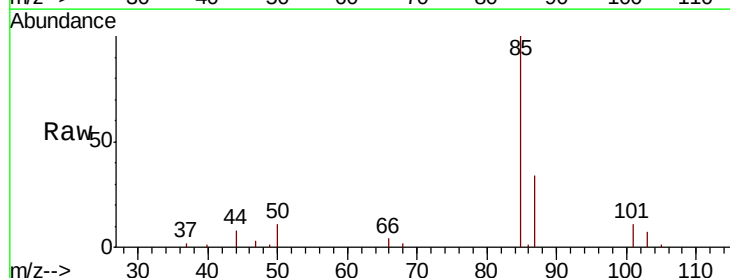
Acq: 24 Jun 2019 14:36

Tgt Ion: 85 Resp: 60140

Ion Ratio Lower Upper

85 100

87 34.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056375.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN056375.D (-12) (-)

1.85

40000

30000

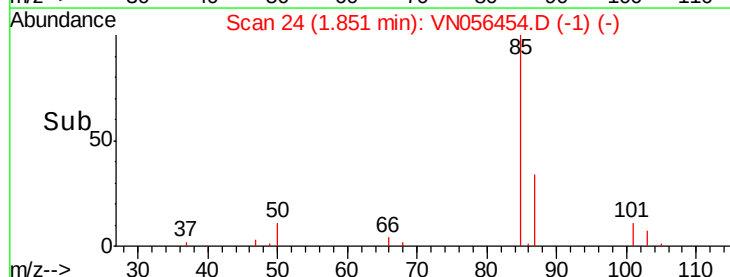
20000

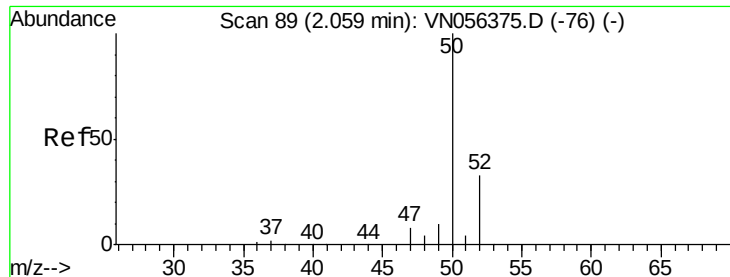
10000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.562 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

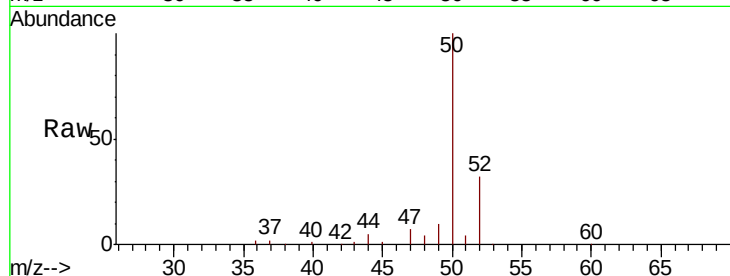
VN0624WBSD01

Tot Ion: 50 Resp: 78304

Ion Ratio Lower Upper

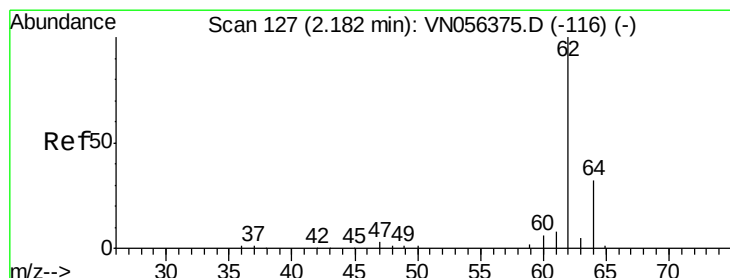
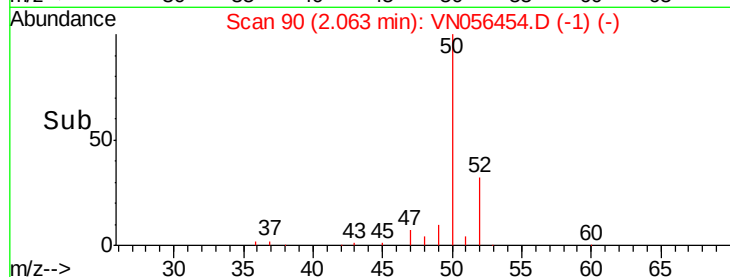
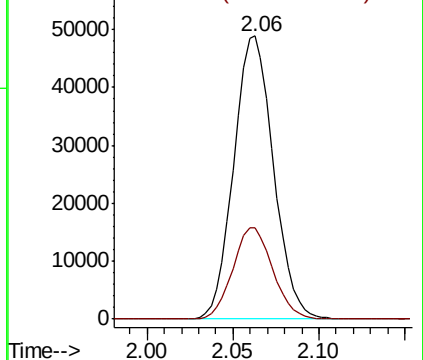
50 100

52 32.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 19.694 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056454.D

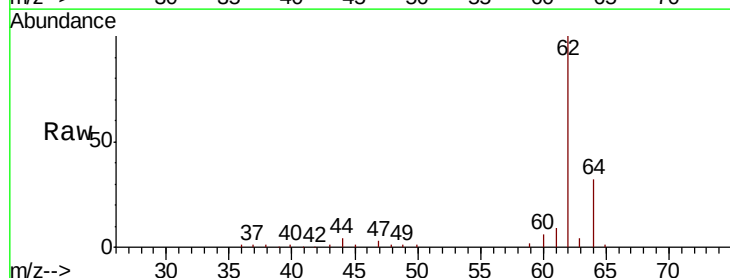
Acq: 24 Jun 2019 14:36

Tgt Ion: 62 Resp: 80241

Ion Ratio Lower Upper

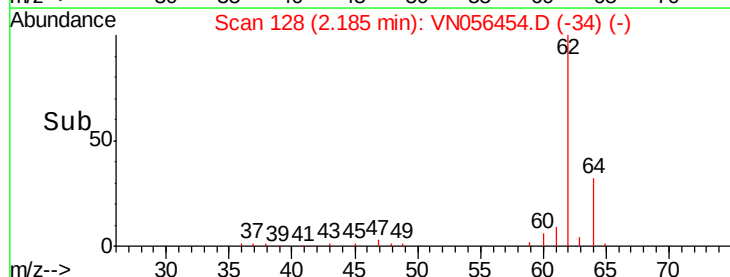
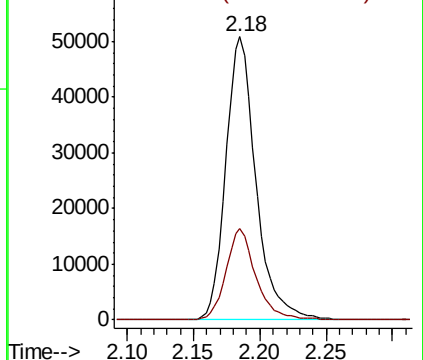
62 100

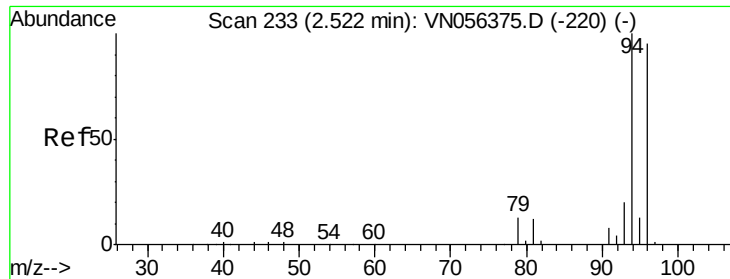
64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

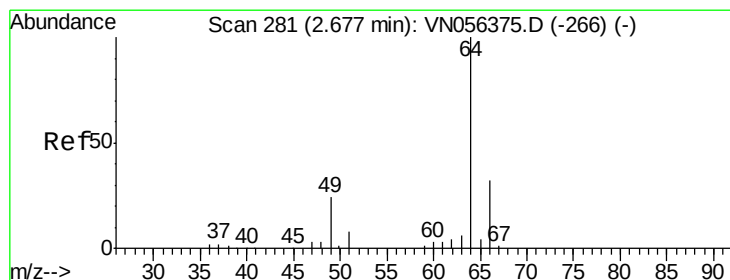
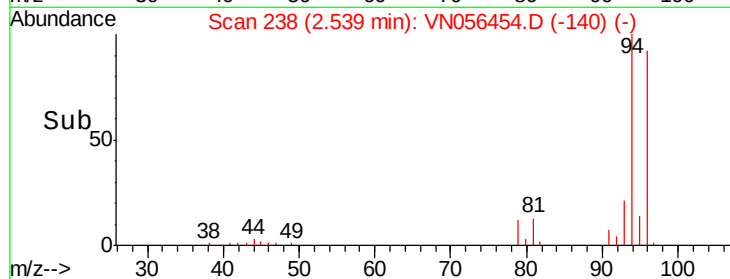
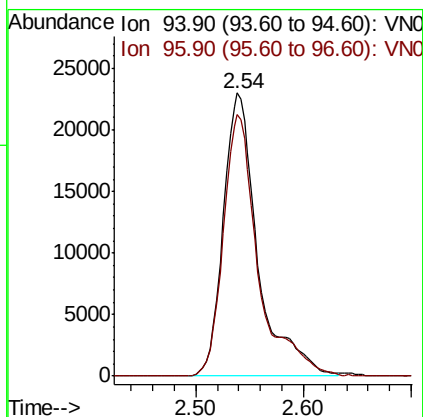
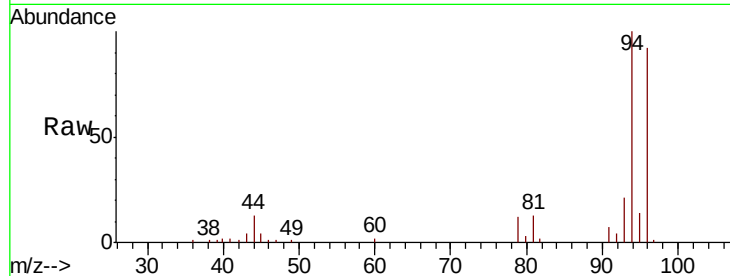




#5
Bromomethane
Concen: 21.462 ug/l
RT: 2.54 min Scan# 238
Delta R.T. 0.02 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

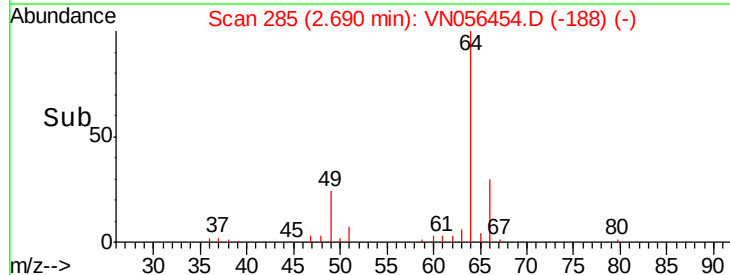
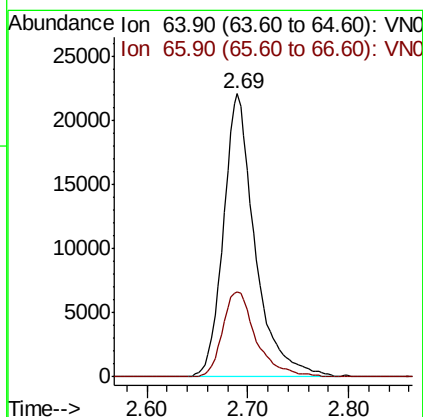
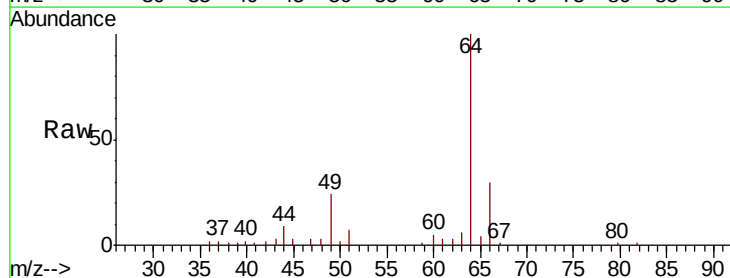
Instrument :
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ClientSampleId :
VN0624WBSD01

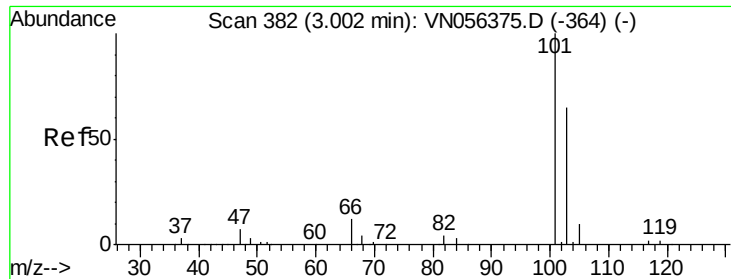
Tot Ion: 94 Resp: 51263
Ion Ratio Lower Upper
94 100
96 92.4 76.0 114.0



#6
Chloroethane
Concen: 20.417 ug/l
RT: 2.69 min Scan# 285
Delta R.T. 0.01 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Tgt Ion: 64 Resp: 48174
Ion Ratio Lower Upper
64 100
66 30.2 25.8 38.8



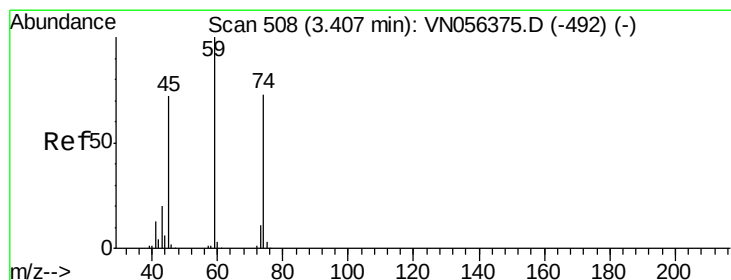
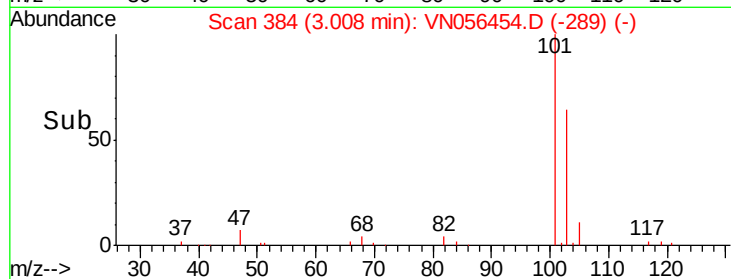
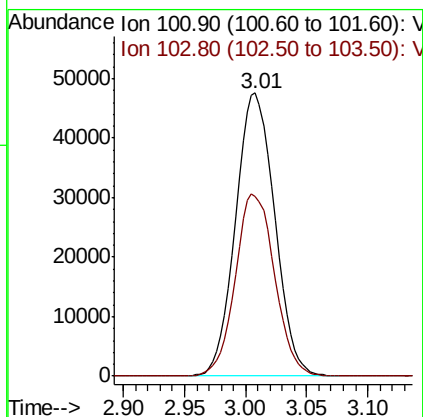
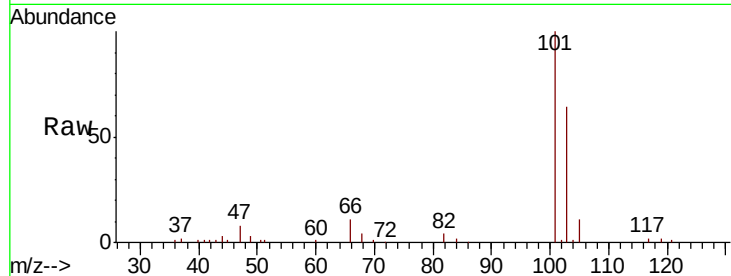


#7

Trichlorofluoromethane
Concen: 20.052 ug/l
RT: 3.01 min Scan# 384
Delta R.T. 0.01 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

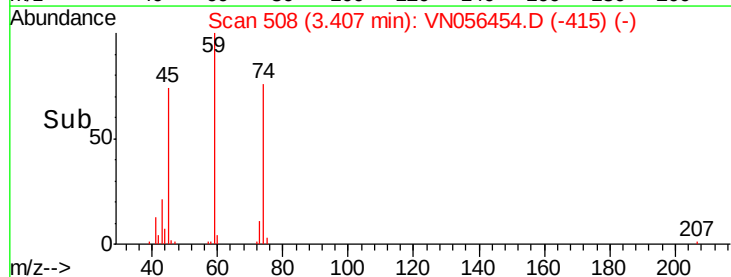
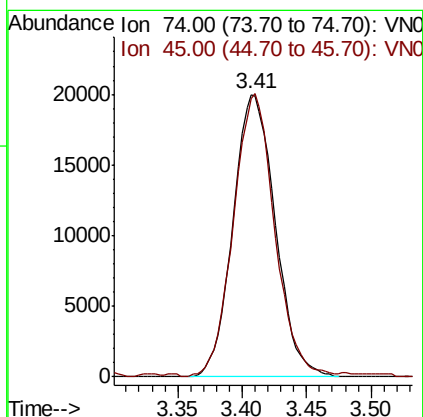
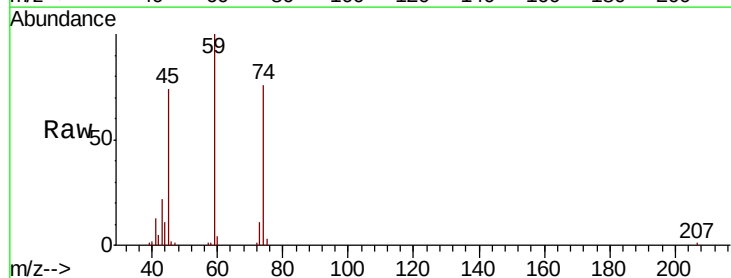
Tot Ion:101 Resp: 105683
Ion Ratio Lower Upper
101 100
103 63.7 51.7 77.5

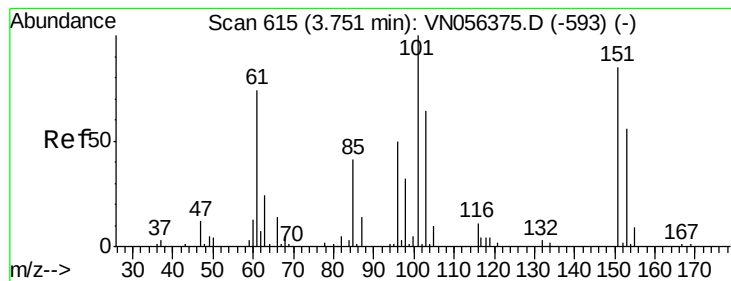


#8

Diethyl Ether
Concen: 20.427 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Tgt Ion: 74 Resp: 45564
Ion Ratio Lower Upper
74 100
45 98.1 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.860 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

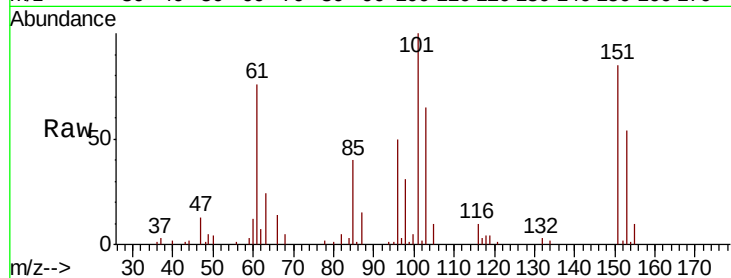
Tot Ion:101 Resp: 66751

Ion Ratio Lower Upper

101 100

85 41.0 32.7 49.1

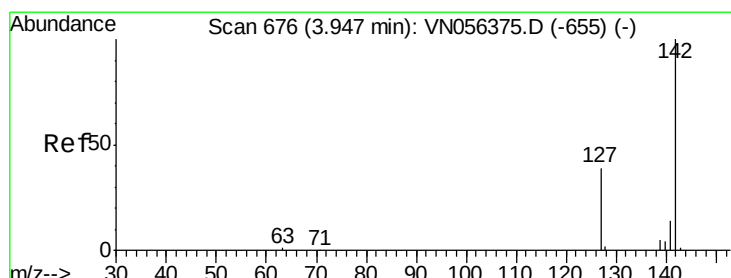
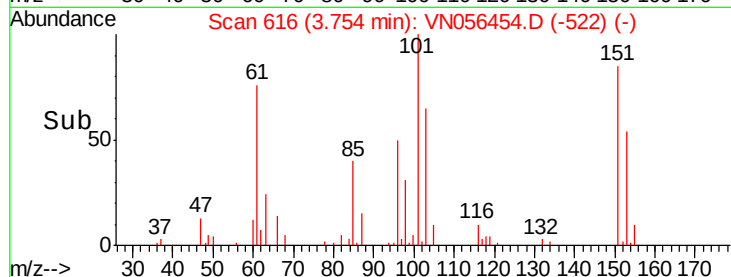
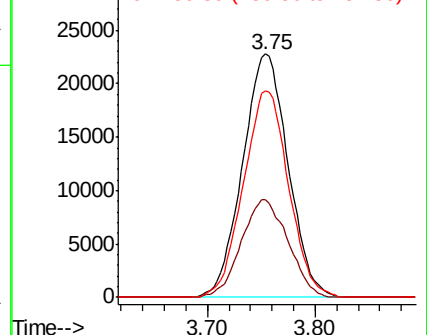
151 84.3 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.575 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

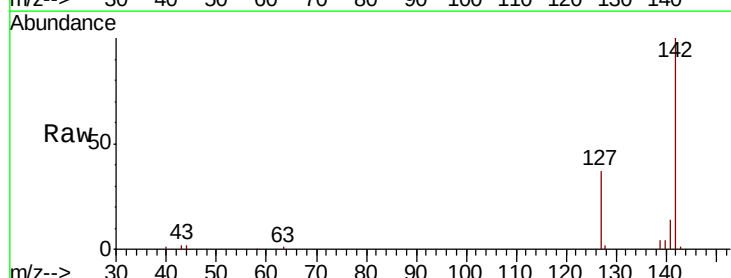
Tgt Ion:142 Resp: 88922

Ion Ratio Lower Upper

142 100

127 37.8 30.6 46.0

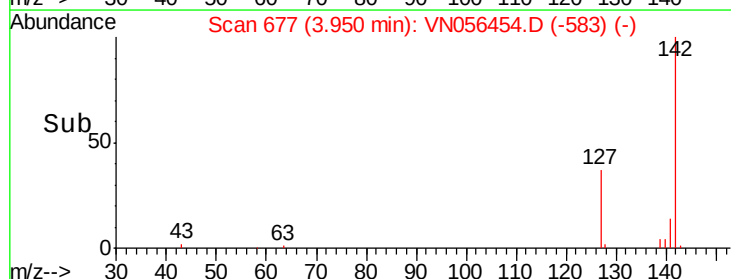
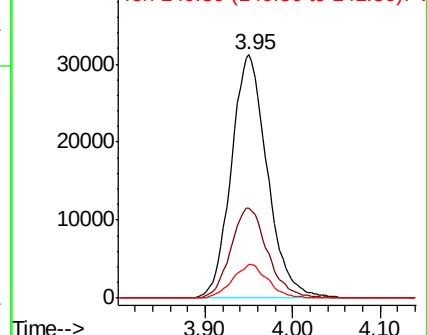
141 13.5 11.4 17.2

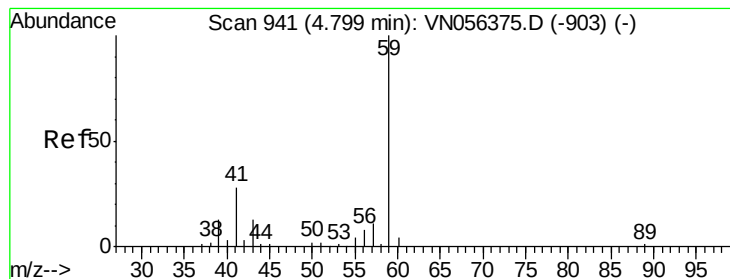


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



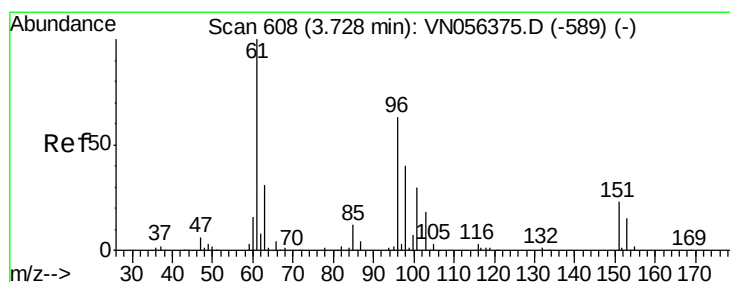
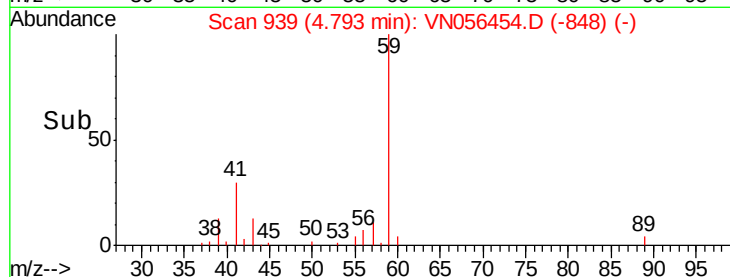
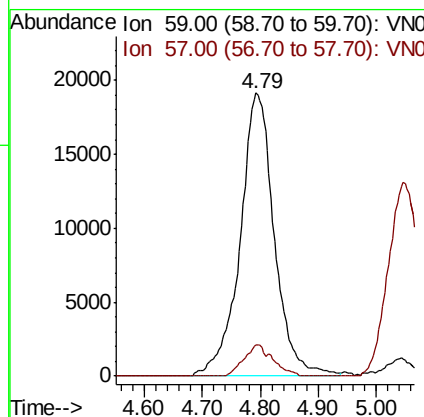
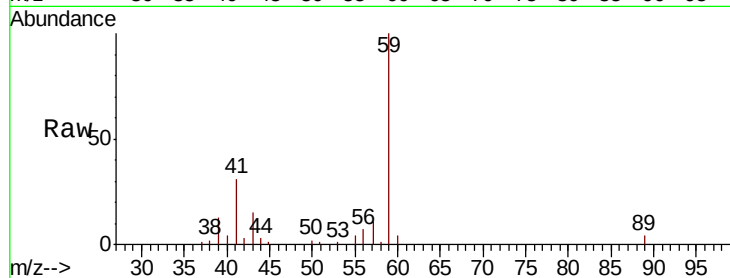


#11

Tert butyl alcohol
 Concen: 114.983 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

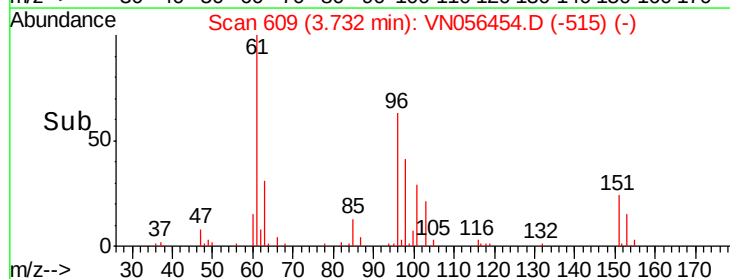
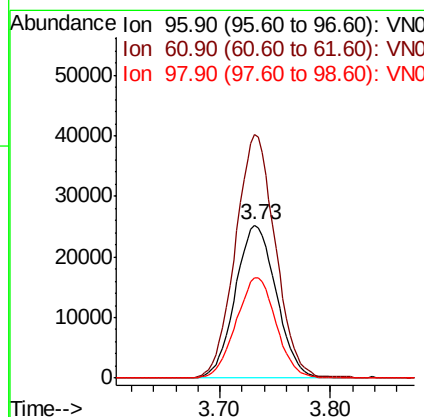
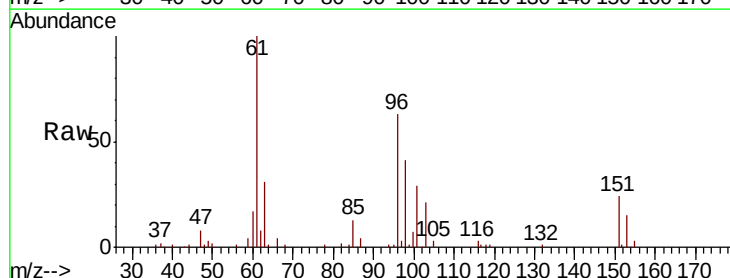
Tot Ion: 59 Resp: 78533
 Ion Ratio Lower Upper
 59 100
 57 6.8 7.6 11.4#

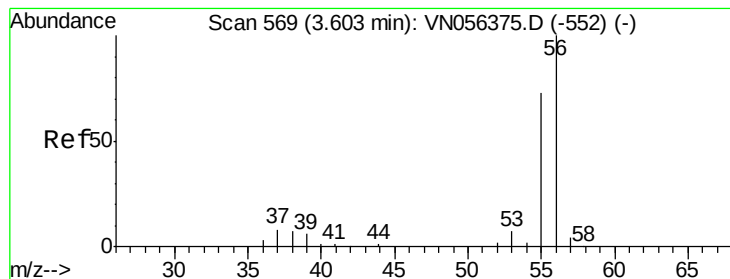


#12

1,1-Dichloroethene
 Concen: 20.060 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

Tgt Ion: 96 Resp: 64838
 Ion Ratio Lower Upper
 96 100
 61 159.0 126.6 190.0
 98 65.7 51.1 76.7





#13

Acrolein

Concen: 95.276 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

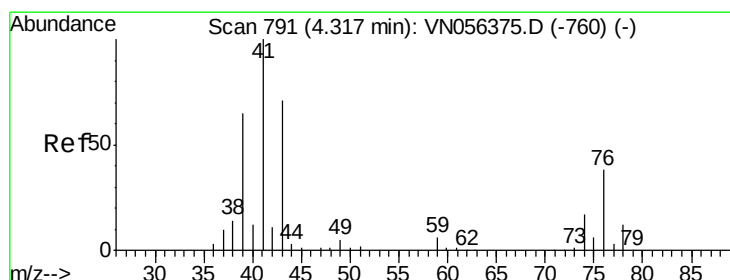
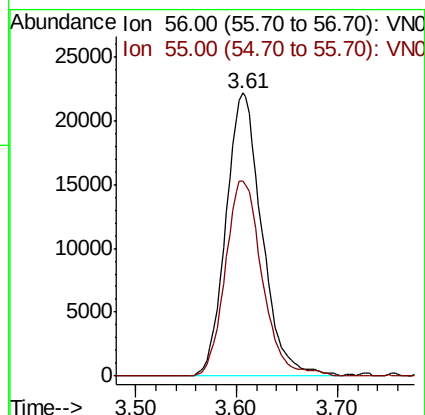
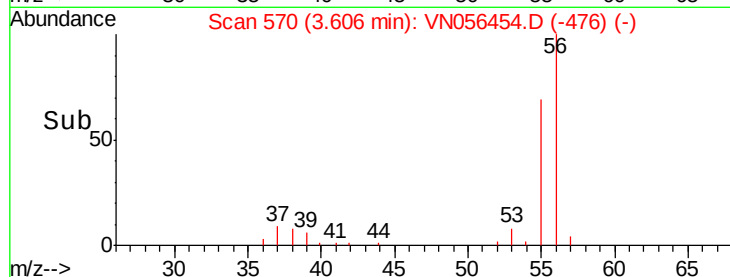
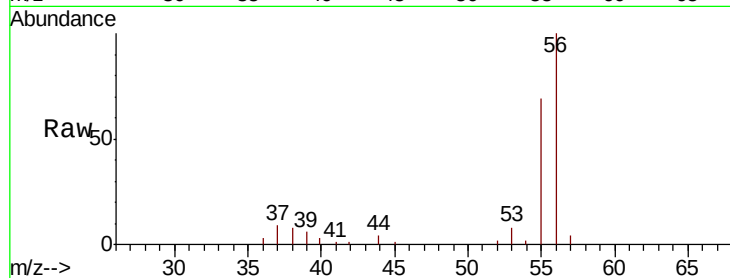
VN0624WBSD01

Tot Ion: 56 Resp: 54845

Ion Ratio Lower Upper

56 100

55 70.9 57.1 85.7



#14

Allyl chloride

Concen: 19.812 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

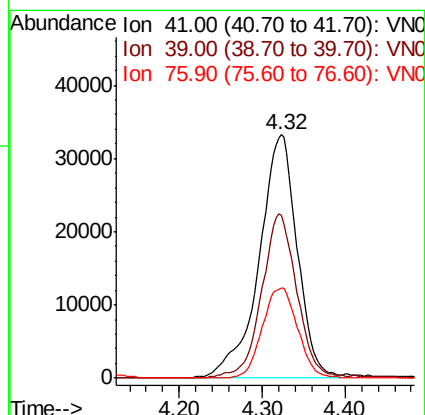
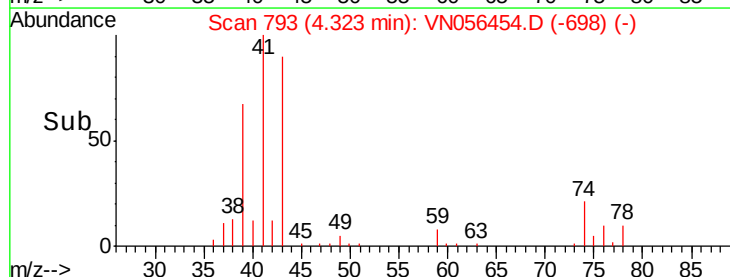
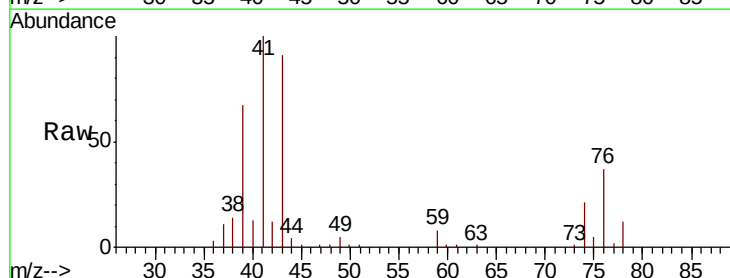
Tgt Ion: 41 Resp: 106599

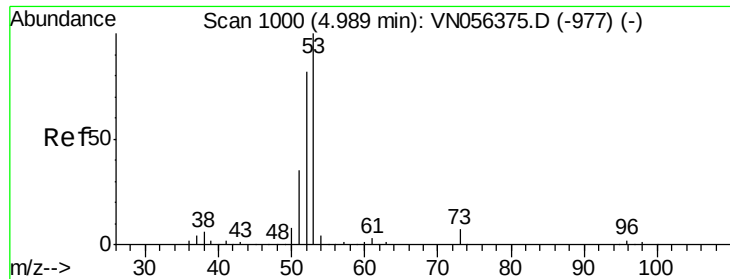
Ion Ratio Lower Upper

41 100

39 62.2 48.6 73.0

76 34.2 26.6 40.0





#15

Acrylonitrile

Concen: 102.992 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

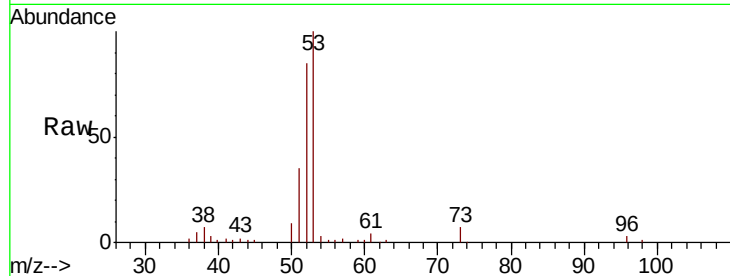
Tot Ion: 53 Resp: 194604

Ion Ratio Lower Upper

53 100

52 83.4 65.9 98.9

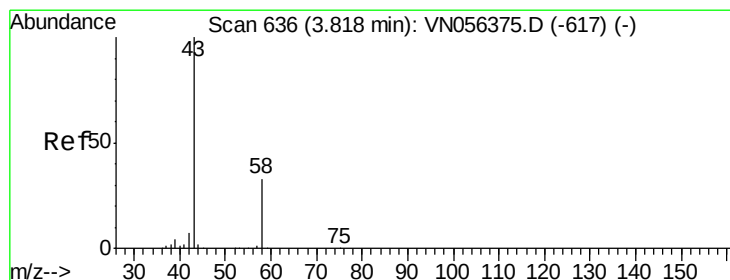
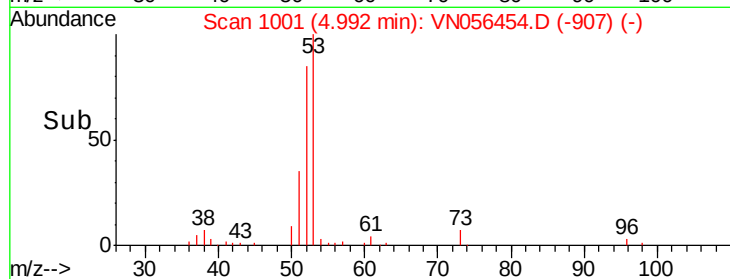
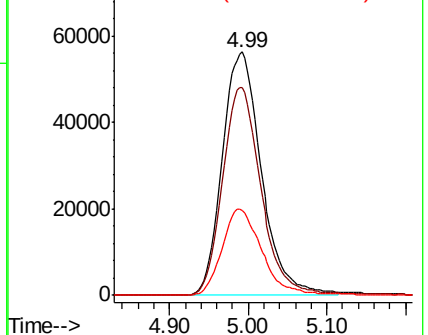
51 35.8 28.3 42.5



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: 87.750 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056454.D

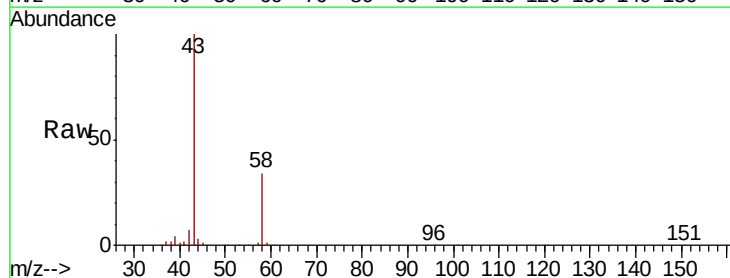
Acq: 24 Jun 2019 14:36

Tgt Ion: 43 Resp: 178281

Ion Ratio Lower Upper

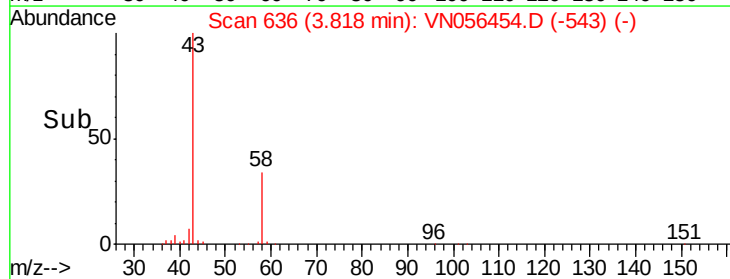
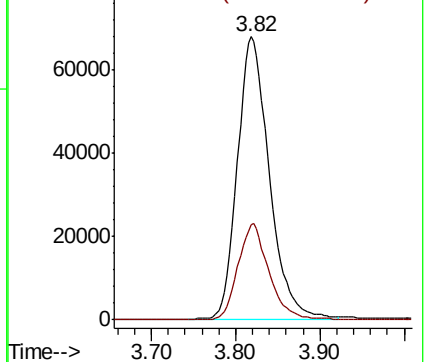
43 100

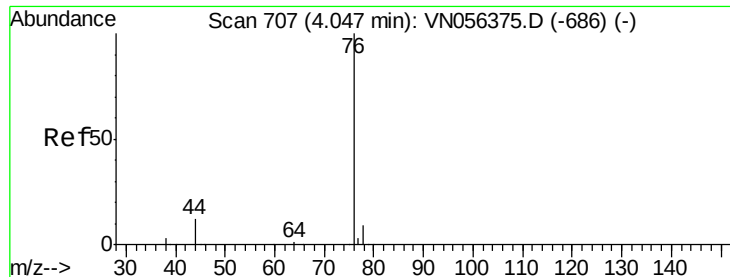
58 33.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.426 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

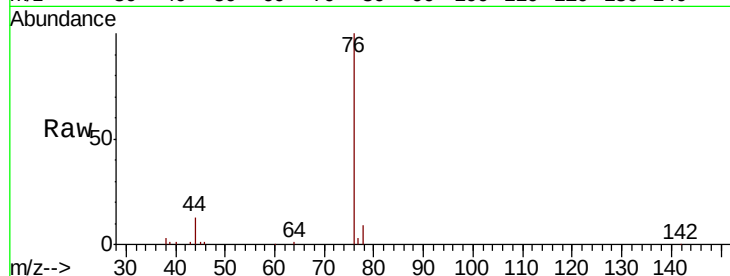
VN0624WBSD01

Tot Ion: 76 Resp: 128106

Ion Ratio Lower Upper

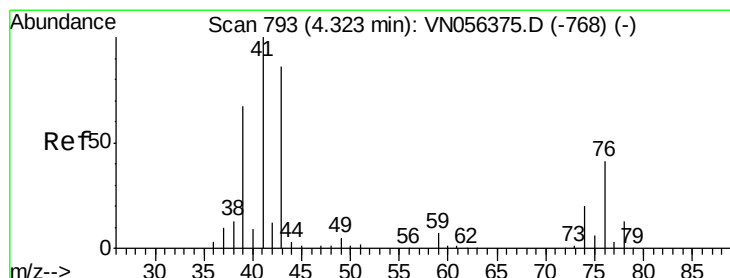
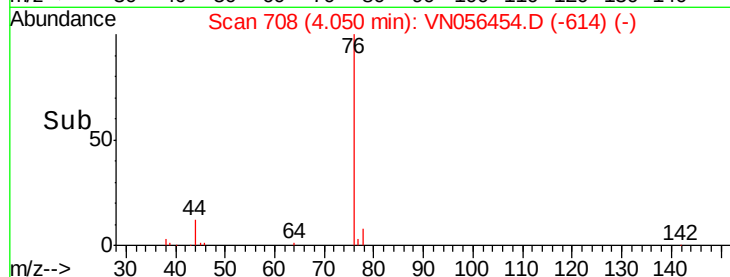
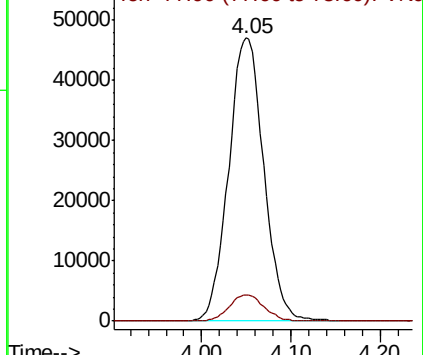
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 22.566 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056454.D

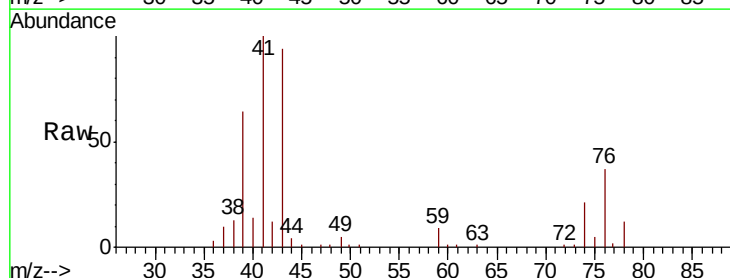
Acq: 24 Jun 2019 14:36

Tgt Ion: 43 Resp: 91692

Ion Ratio Lower Upper

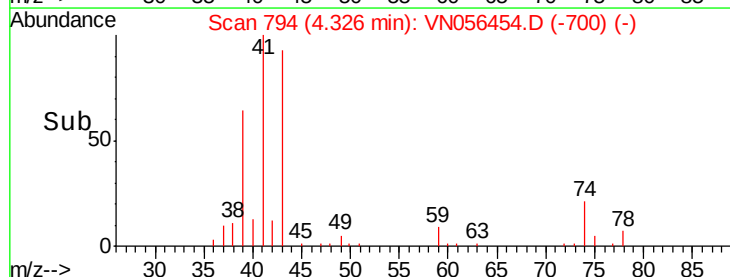
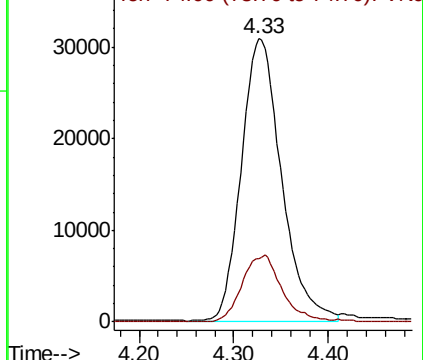
43 100

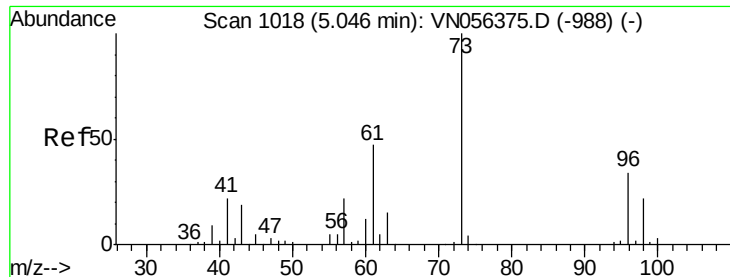
74 23.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

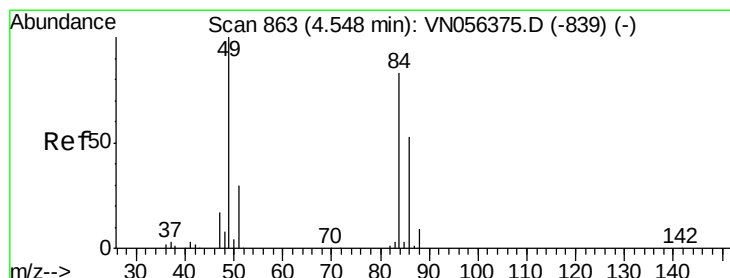
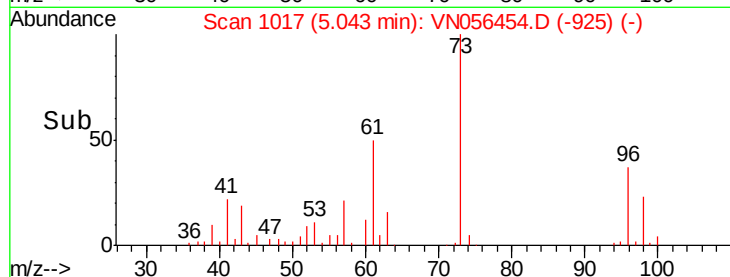
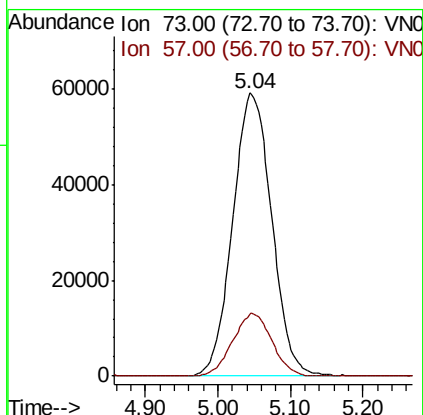
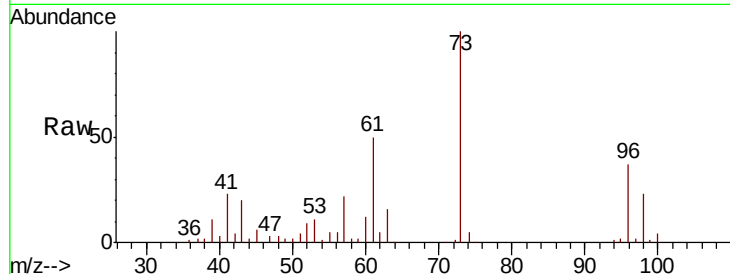




#19
Methyl tert-butyl Ether
Concen: 20.675 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

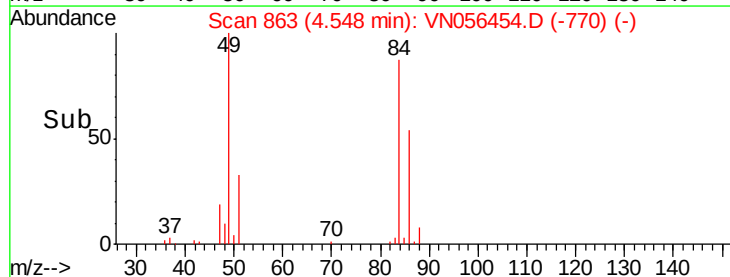
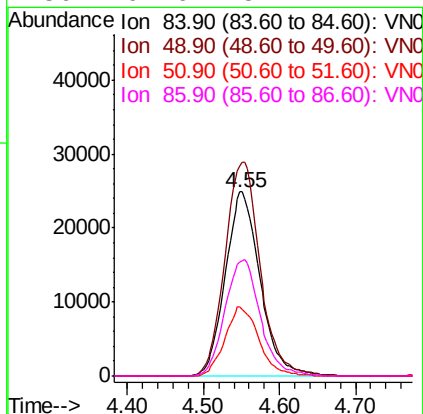
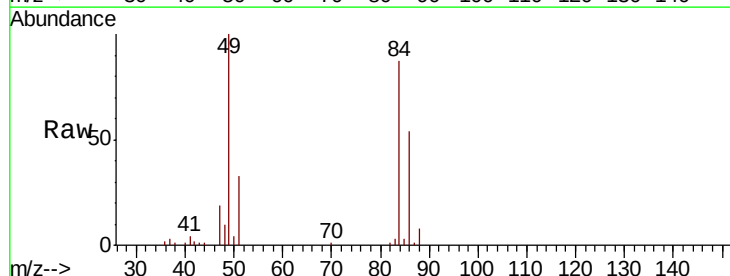
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

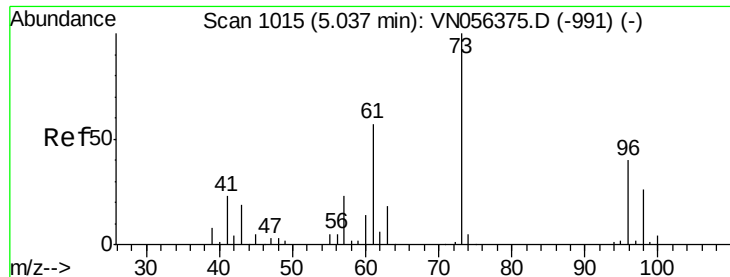
Tot Ion: 73 Resp: 221123
Ion Ratio Lower Upper
73 100
57 21.7 17.9 26.9



#20
Methylene Chloride
Concen: 20.200 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Tgt Ion: 84 Resp: 79400
Ion Ratio Lower Upper
84 100
49 114.3 96.4 144.6
51 37.4 28.6 43.0
86 61.6 51.4 77.2

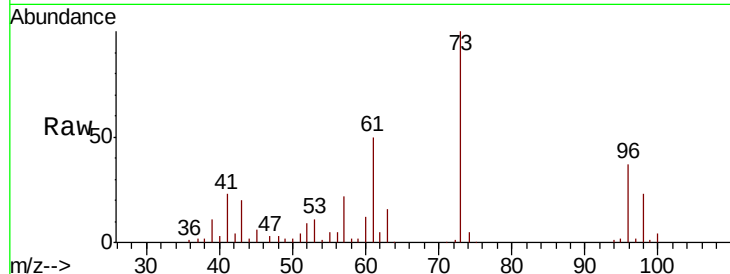




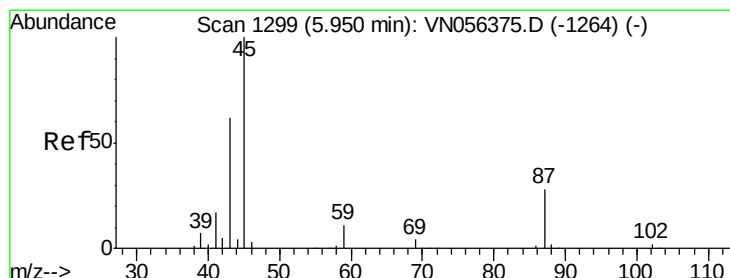
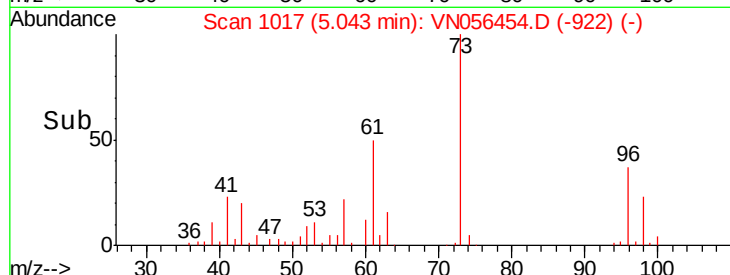
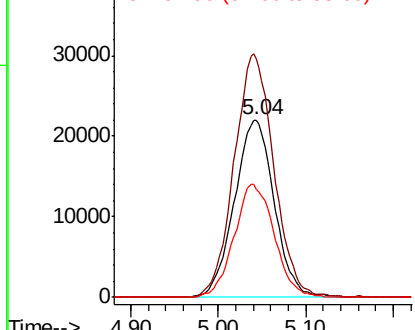
#21
trans-1,2-Dichloroethene
Concen: 19.945 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion: 96 Resp: 69504
Ion Ratio Lower Upper
96 100
61 134.3 113.0 169.6
98 61.1 52.2 78.2

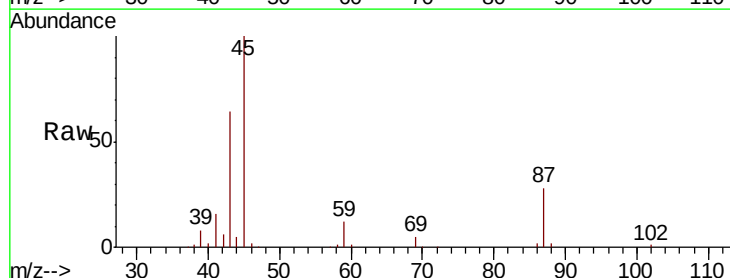


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

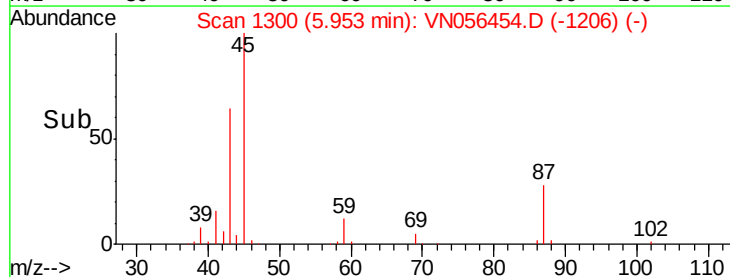
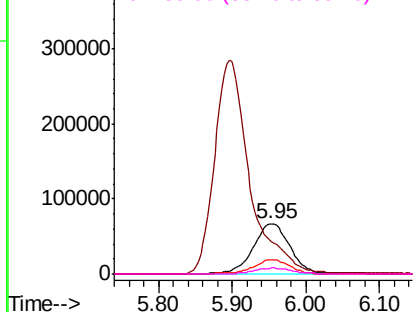


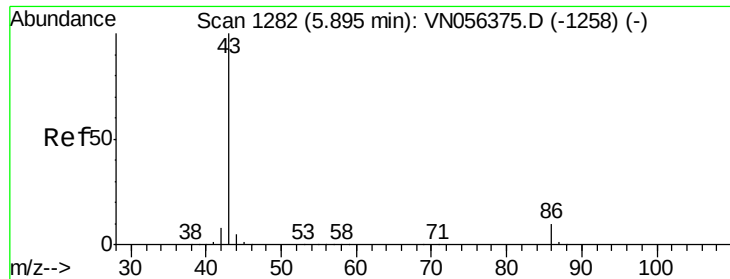
#22
Diisopropyl ether
Concen: 20.673 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Tgt Ion: 45 Resp: 233597
Ion Ratio Lower Upper
45 100
43 61.8 50.4 75.6
87 27.9 23.0 34.4
59 11.4 9.1 13.7



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: 106.721 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

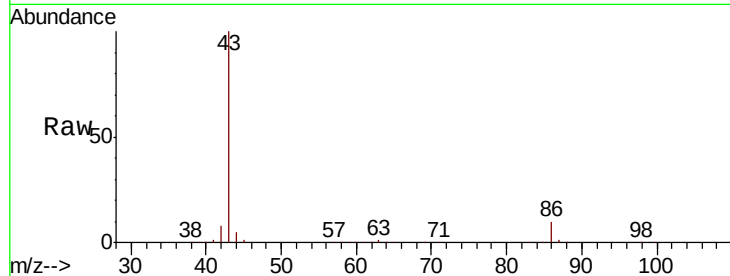
VN0624WBSD01

Tot Ion: 43 Resp: 951136

Ion Ratio Lower Upper

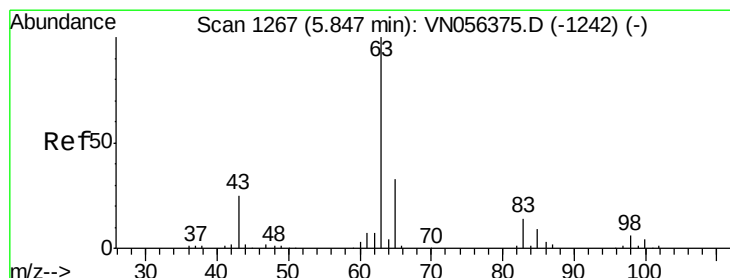
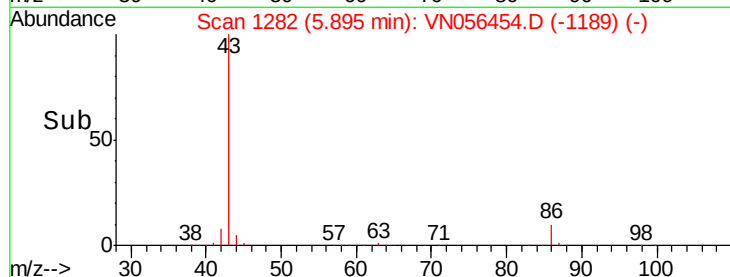
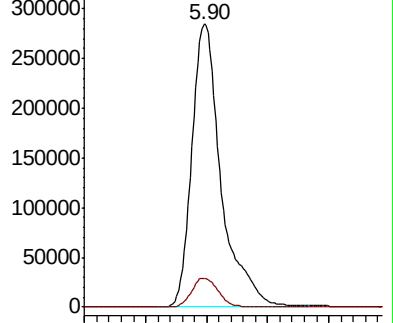
43 100

86 10.2 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.879 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

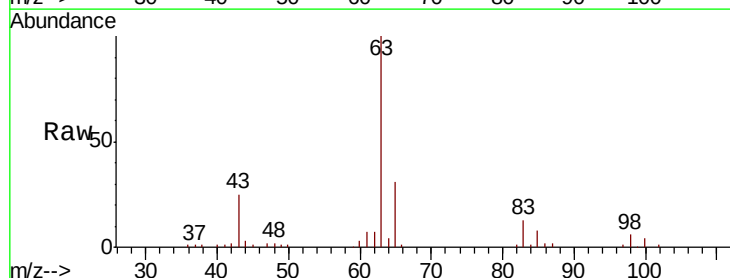
Tgt Ion: 63 Resp: 135428

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

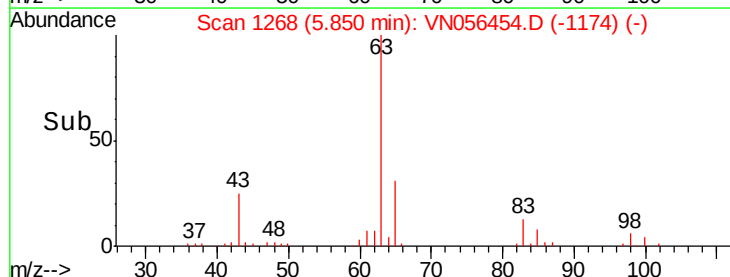
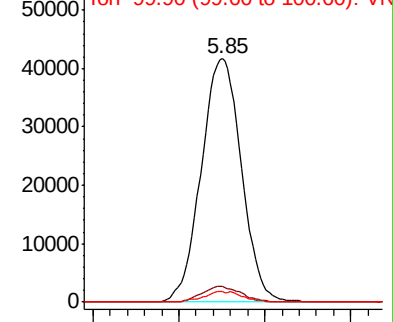
100 4.2 2.1 6.5

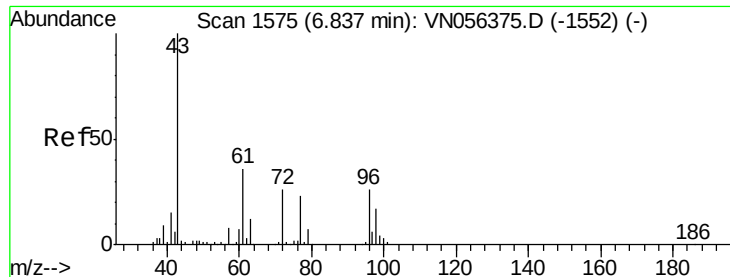


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 98.254 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

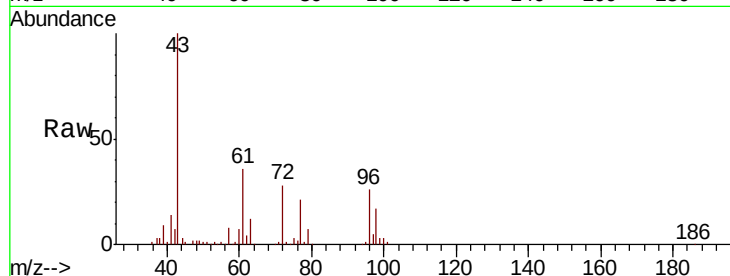
VN0624WBSD01

Tot Ion: 43 Resp: 264203

Ion Ratio Lower Upper

43 100

72 27.6 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

100000

80000

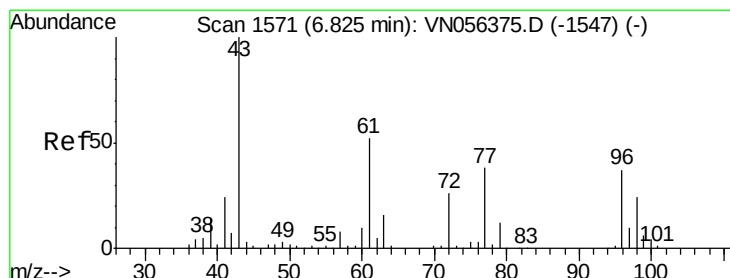
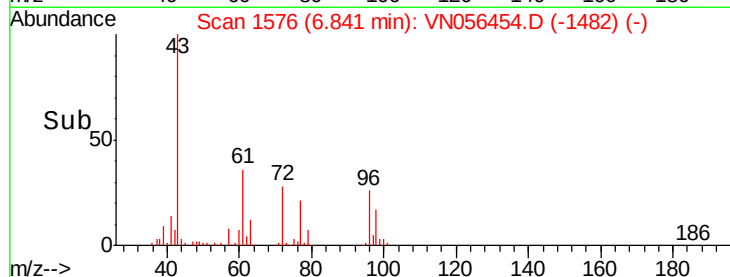
60000

40000

20000

0

Time--> 6.70 6.75 6.80 6.85 6.90



#26

2,2-Dichloropropane

Concen: 18.180 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056454.D

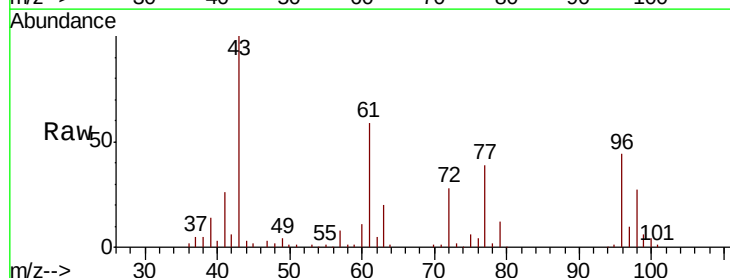
Acq: 24 Jun 2019 14:36

Tgt Ion: 77 Resp: 82016

Ion Ratio Lower Upper

77 100

97 25.0 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

30000

25000

20000

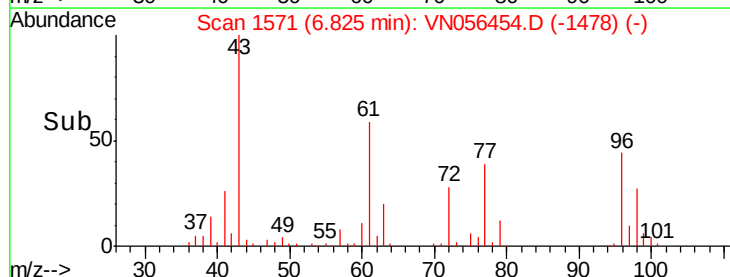
15000

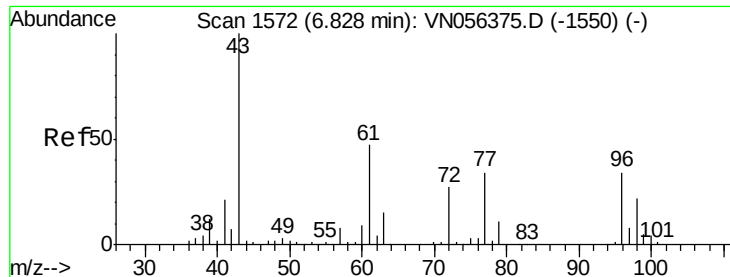
10000

5000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 20.510 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

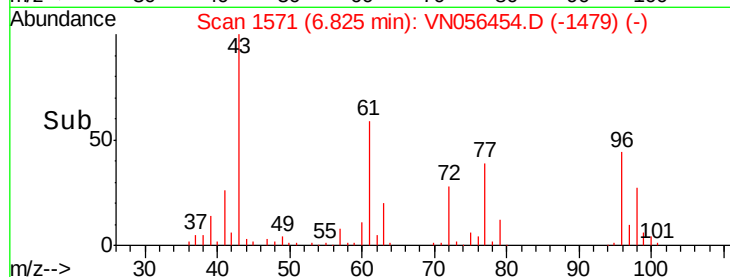
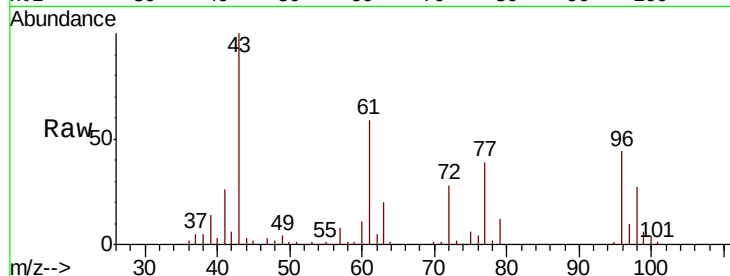
Tot Ion: 96 Resp: 83622

Ion Ratio Lower Upper

96 100

61 137.1 0.0 279.8

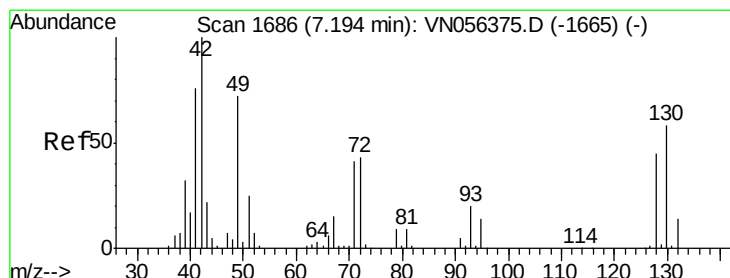
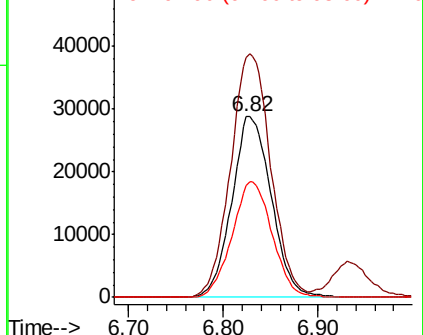
98 64.7 0.0 130.0



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: 21.109 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

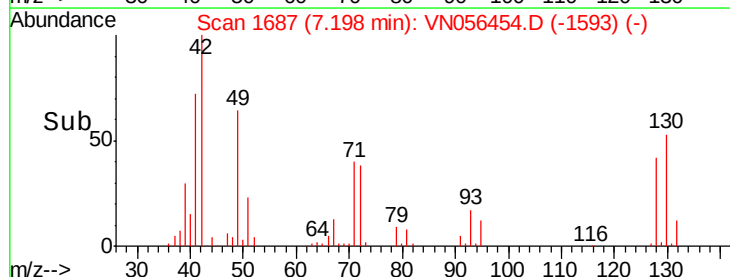
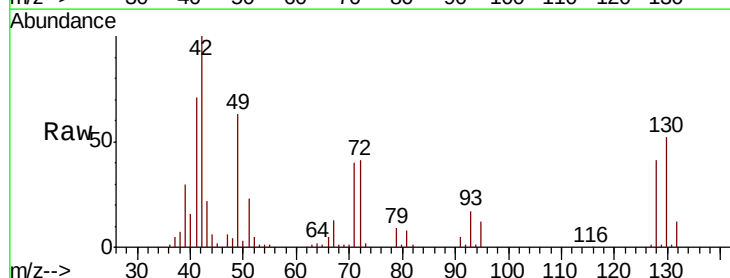
Tgt Ion: 49 Resp: 67723

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

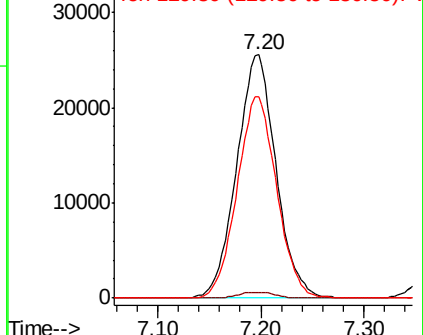
130 83.4 64.9 97.3

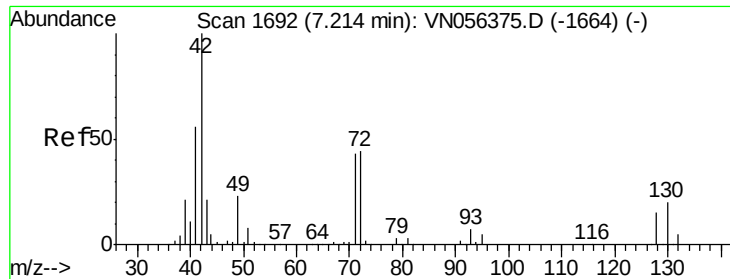


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

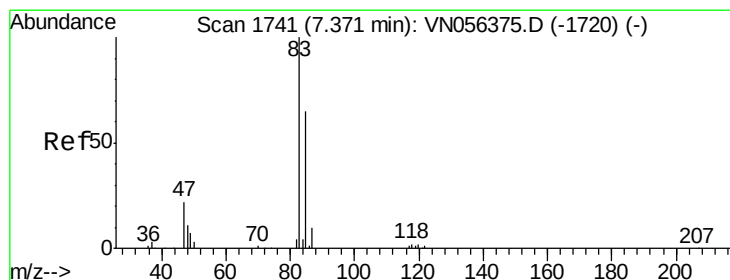
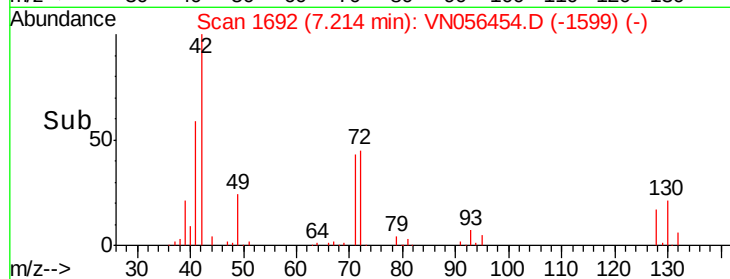
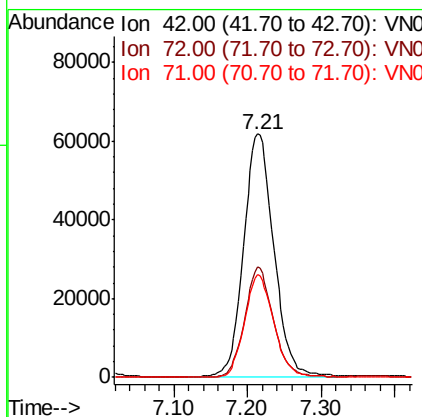
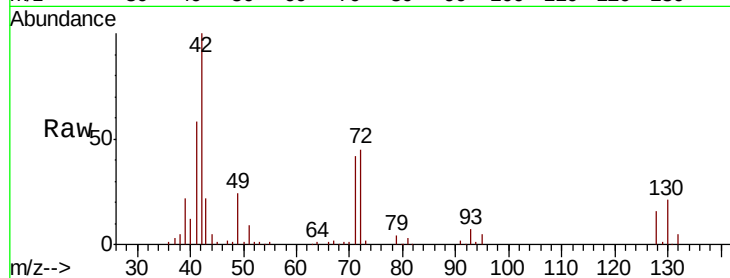




#29
Tetrahydrofuran
Concen: 107.998 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

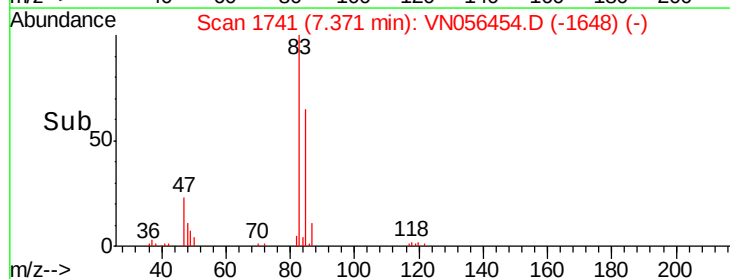
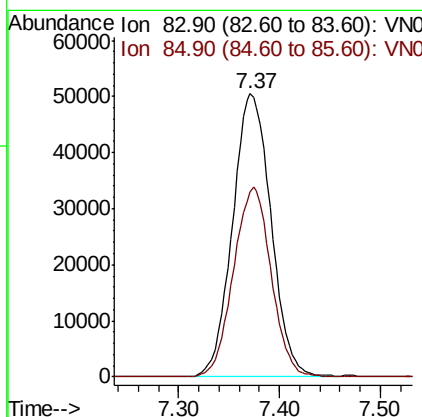
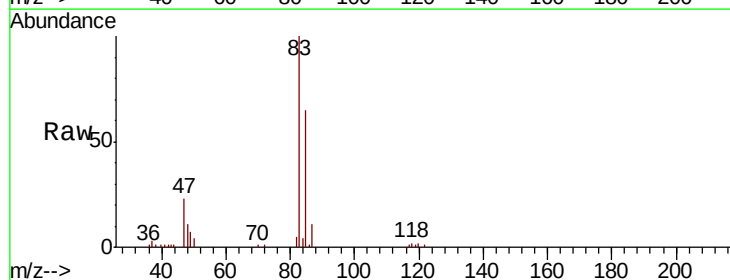
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

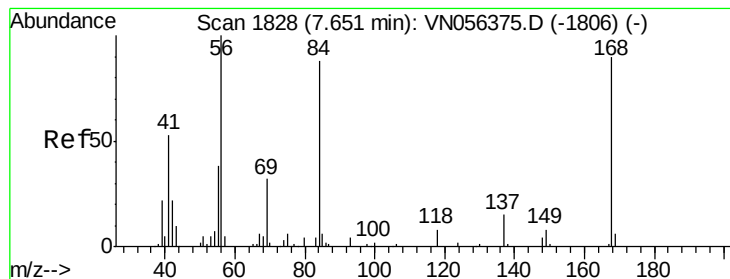
Tot Ion: 42 Resp: 177467
Ion Ratio Lower Upper
42 100
72 42.6 34.7 52.1
71 40.7 33.0 49.6



#30
Chloroform
Concen: 20.858 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Tgt Ion: 83 Resp: 133504
Ion Ratio Lower Upper
83 100
85 65.5 52.3 78.5





#31

Cyclohexane

Concen: 19.553 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

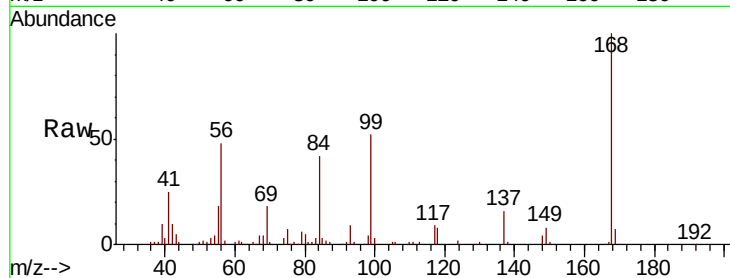
Tot Ion: 56 Resp: 122439

Ion Ratio Lower Upper

56 100

69 36.4 25.8 38.6

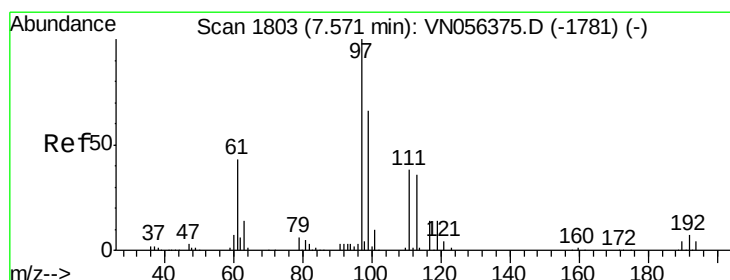
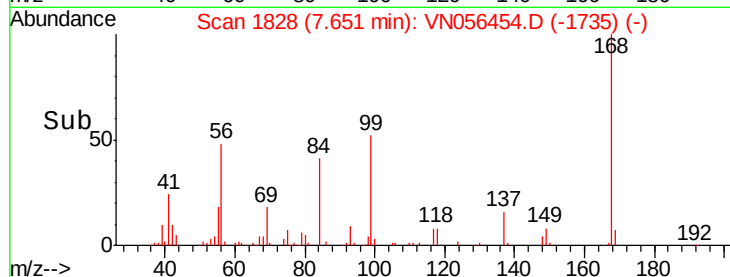
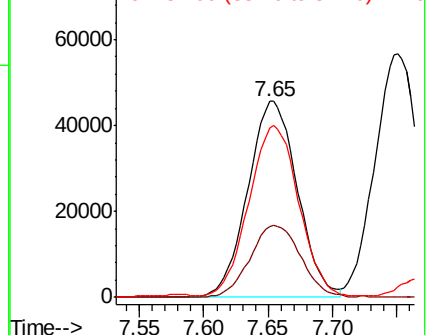
84 85.3 69.4 104.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.273 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

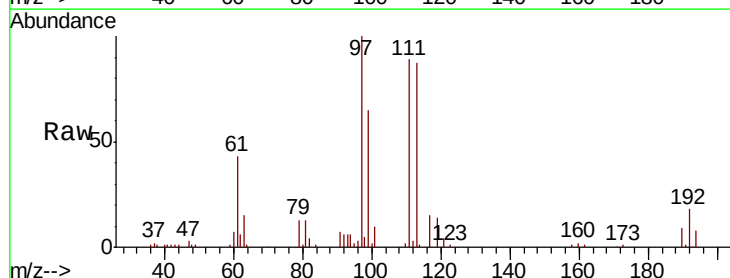
Tgt Ion: 97 Resp: 102853

Ion Ratio Lower Upper

97 100

99 66.3 51.8 77.6

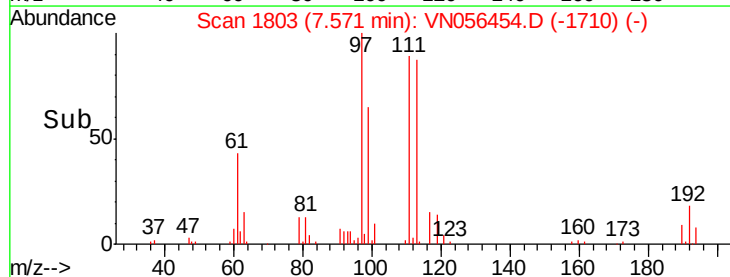
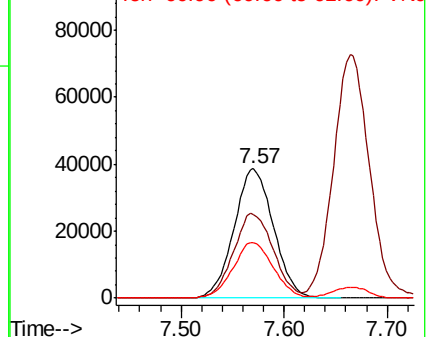
61 43.8 33.9 50.9

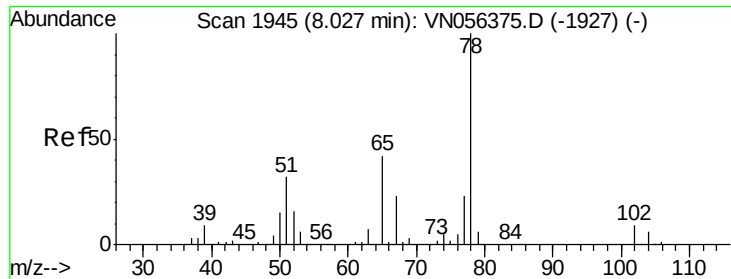


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

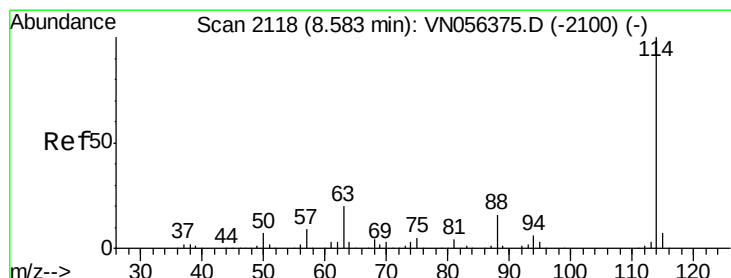
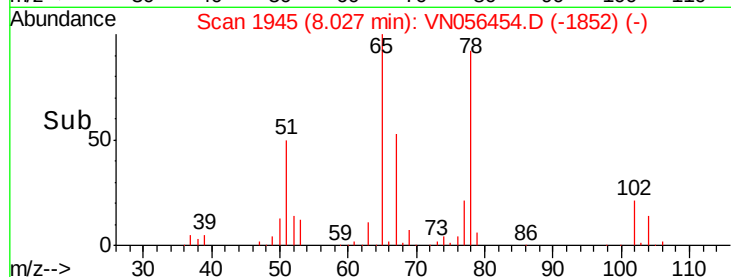
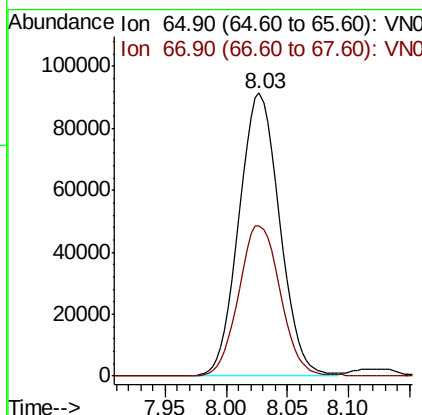
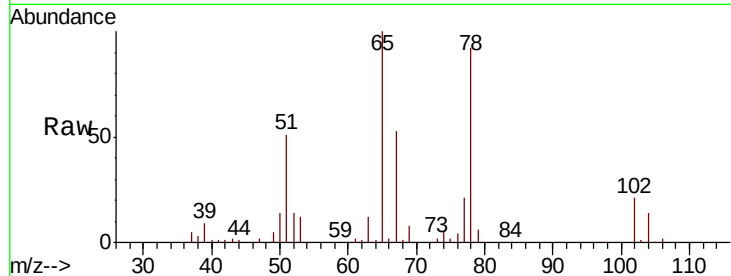




#33
 1,2-Dichloroethane-d4
 Concen: 52.143 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

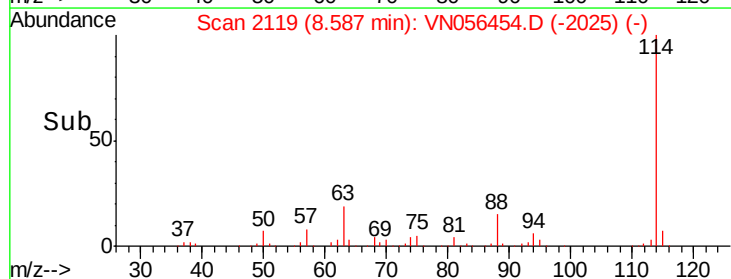
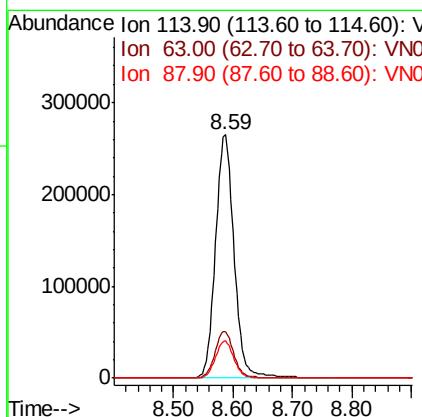
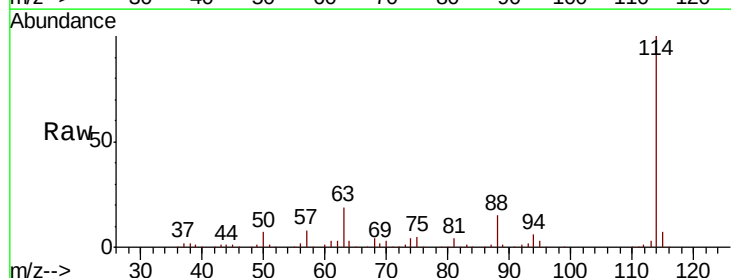
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

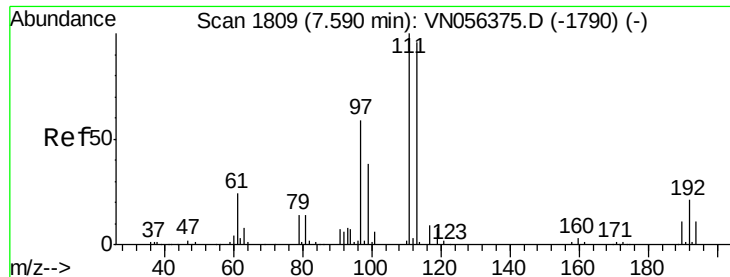
Tot Ion: 65 Resp: 211449
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

Tgt Ion: 114 Resp: 573851
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.2 0.0 31.4

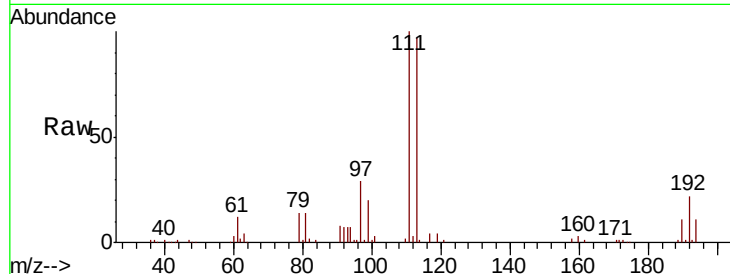




#35
 Dibromofluoromethane
 Concen: 51.137 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	22.4	17.7	26.5

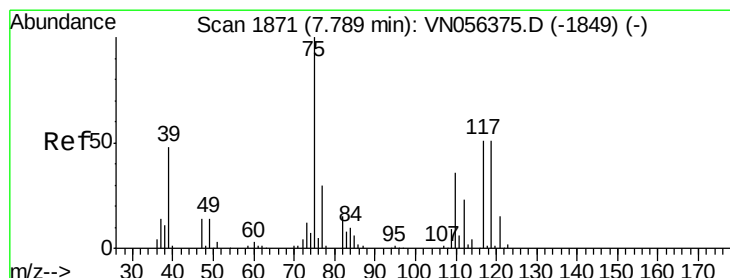
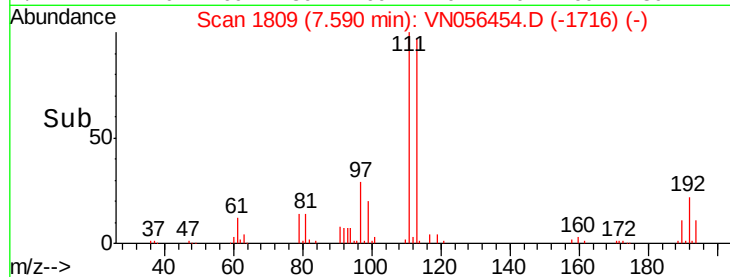
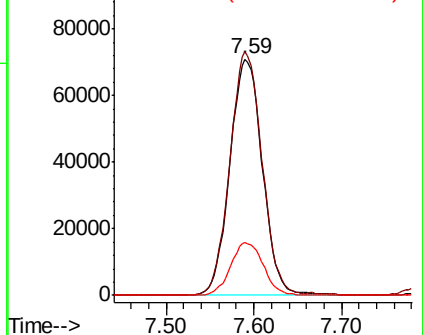


Abundance

Ion 112.80 (112.50 to 113.50): V

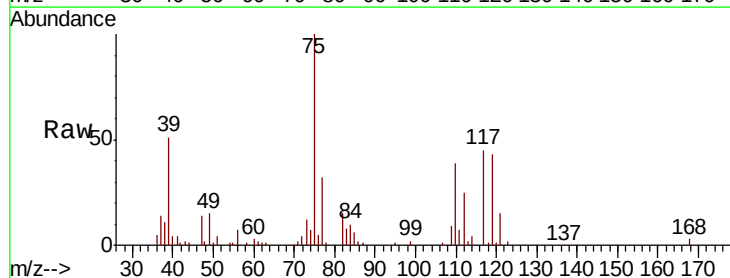
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.703 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.1	54.3
77	30.8	24.6	36.8

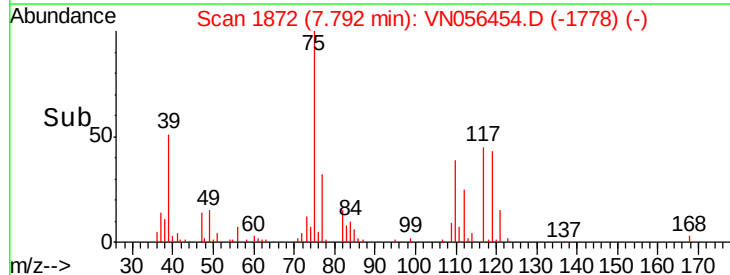
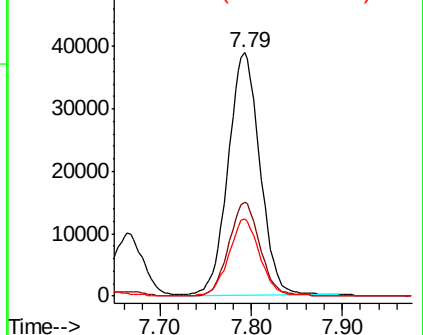


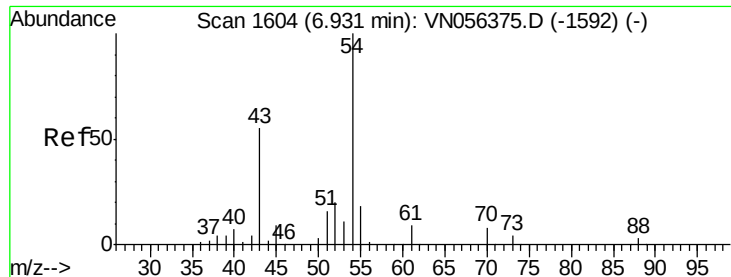
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

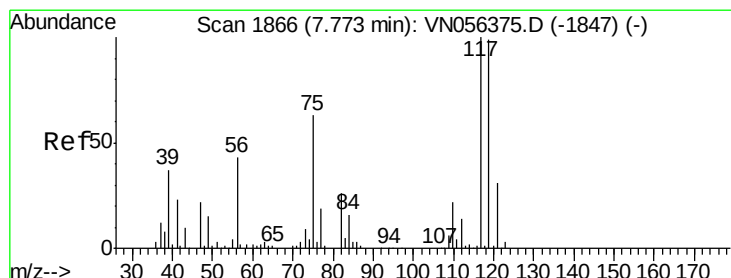
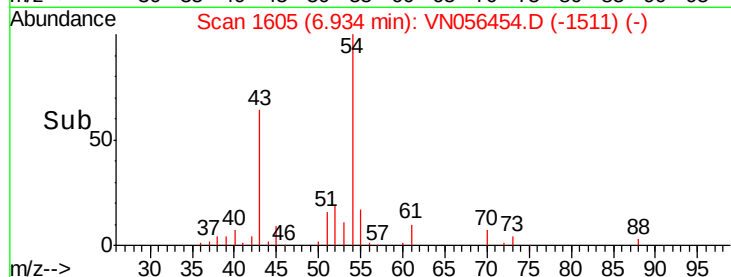
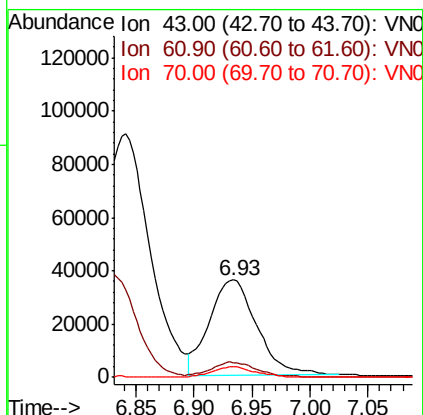
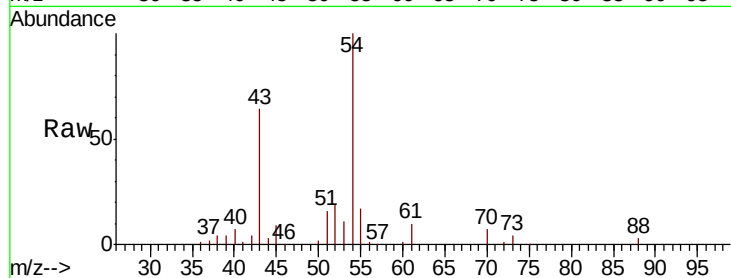




#37
Ethyl Acetate
Concen: 20.829 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

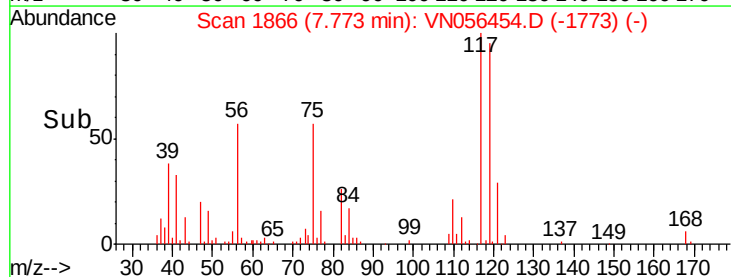
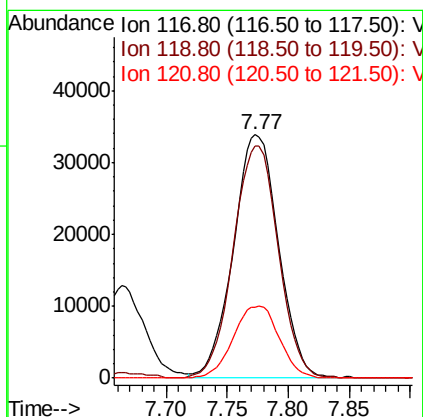
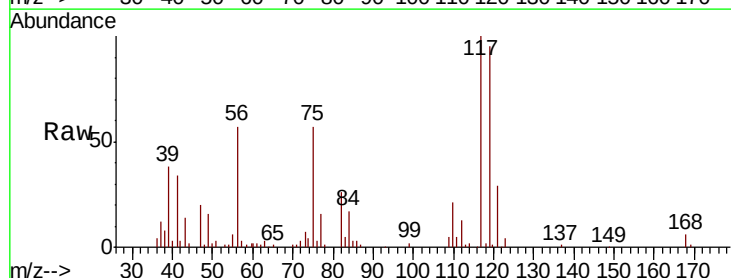
Instrument :
MSVOA_N
ClientSampled :
VN0624WBSD01

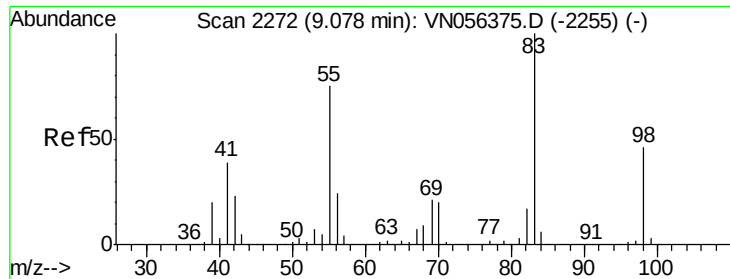
Tot Ion: 43 Resp: 103389
Ion Ratio Lower Upper
43 100
61 15.5 11.1 16.7
70 10.3 8.3 12.5



#38
Carbon Tetrachloride
Concen: 19.669 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Tgt Ion: 117 Resp: 86878
Ion Ratio Lower Upper
117 100
119 95.2 79.1 118.7
121 29.3 24.8 37.2

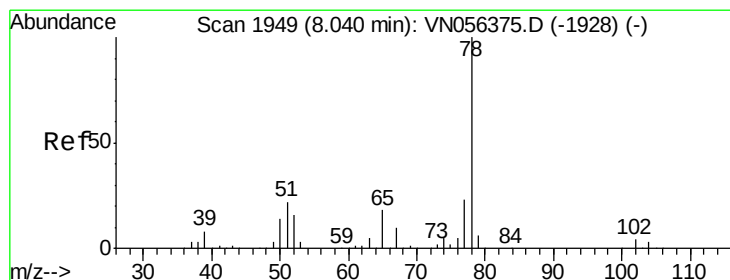
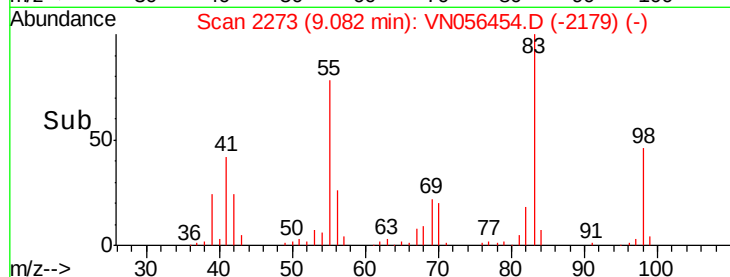
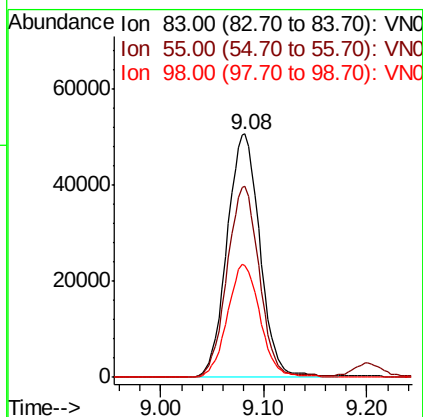
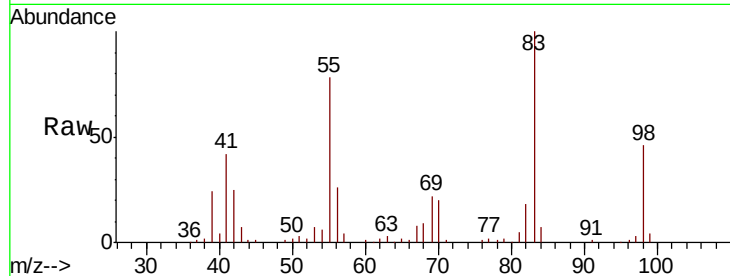




#39
Methylvlcyclohexane
Concen: 18.072 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

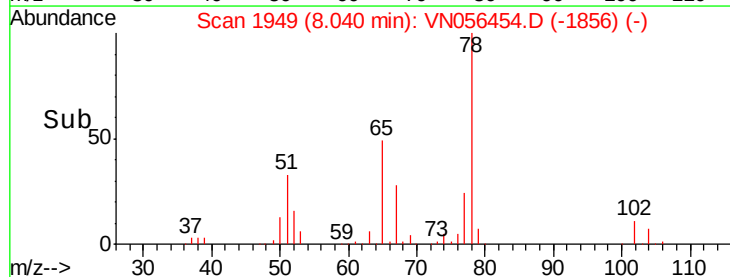
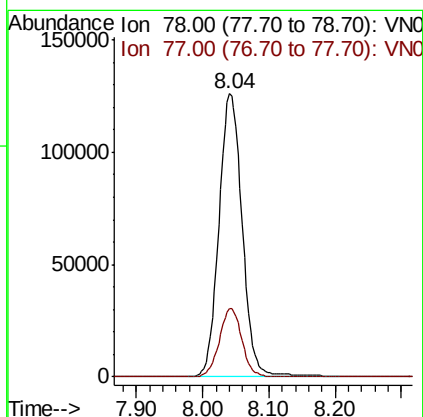
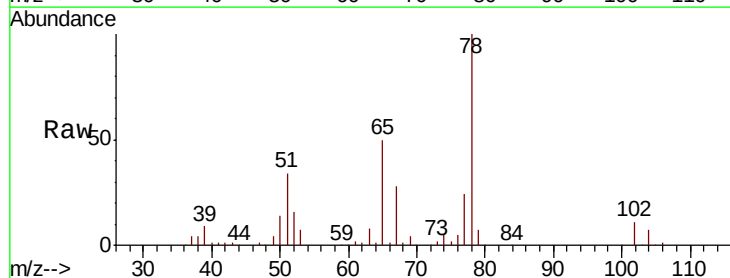
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

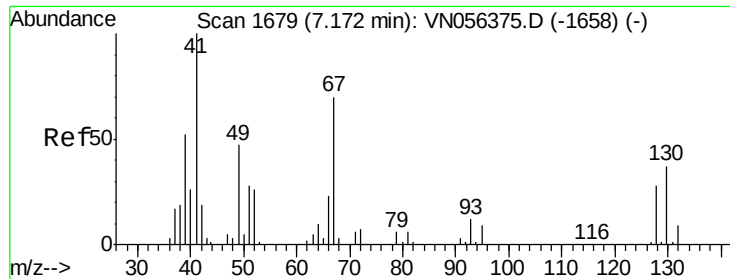
Tot Ion: 83 Resp: 112633
Ion Ratio Lower Upper
83 100
55 78.3 60.0 90.0
98 46.0 36.6 54.8



#40
Benzene
Concen: 19.796 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Tgt Ion: 78 Resp: 307563
Ion Ratio Lower Upper
78 100
77 24.0 18.3 27.5

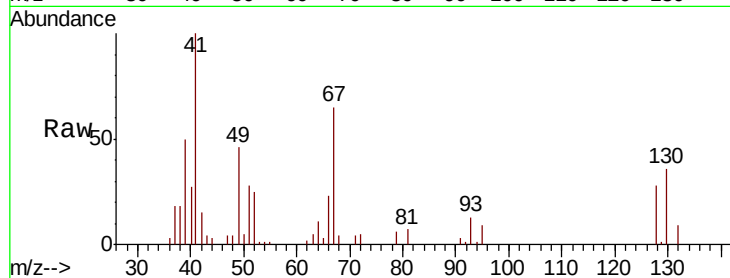




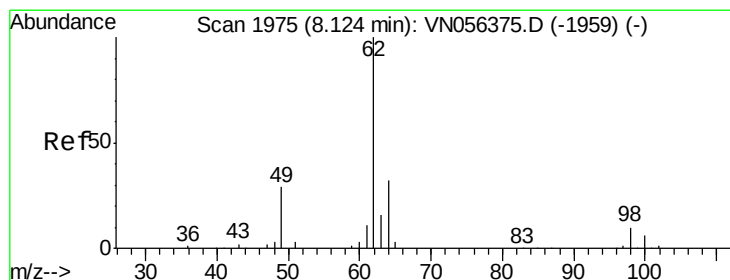
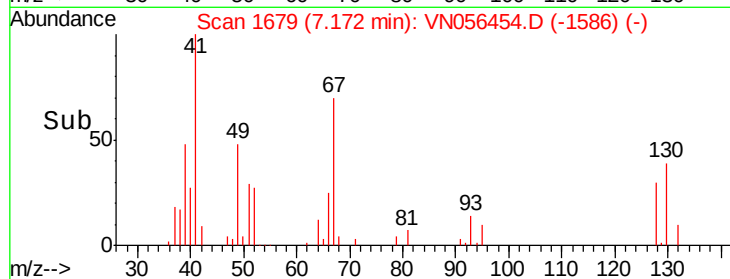
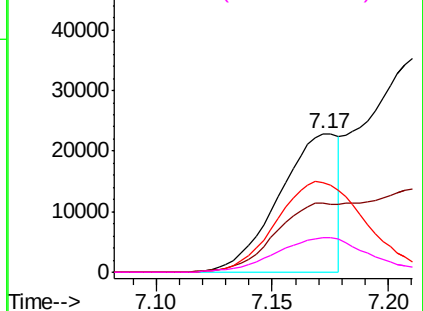
#41
Methacrylonitrile
Concen: 18.624 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion: 41 Resp: 40821
Ion Ratio Lower Upper
41 100
39 52.1 55.3 82.9#
67 100.6 79.2 118.8
52 40.8 31.4 47.0

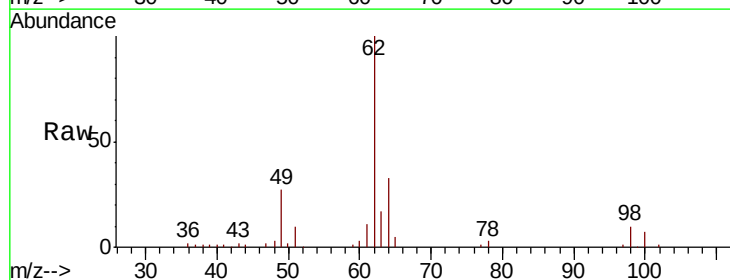


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

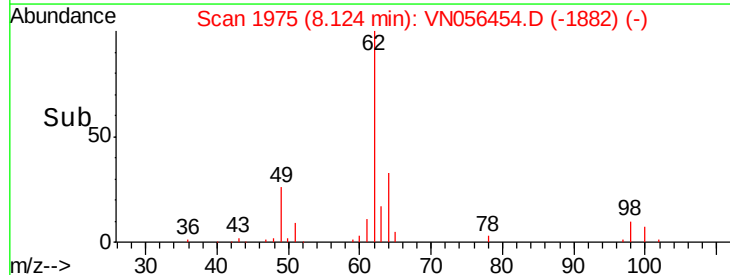
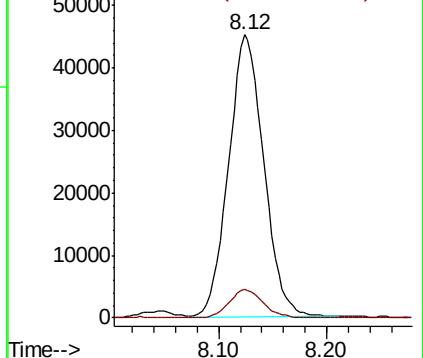


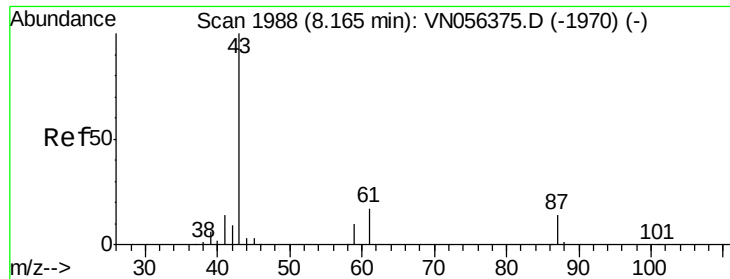
#42
1,2-Dichloroethane
Concen: 20.047 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Tgt Ion: 62 Resp: 102788
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 21.515 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

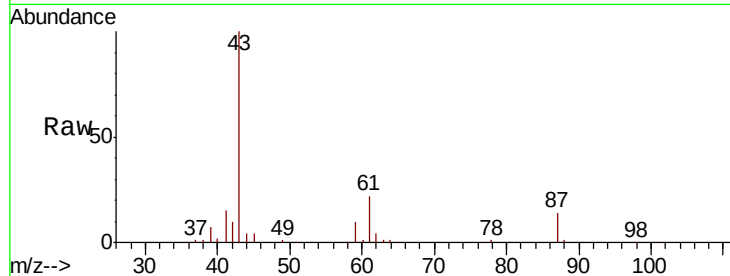
Tot Ion: 43 Resp: 164675

Ion Ratio Lower Upper

43 100

61 27.2 22.0 33.0

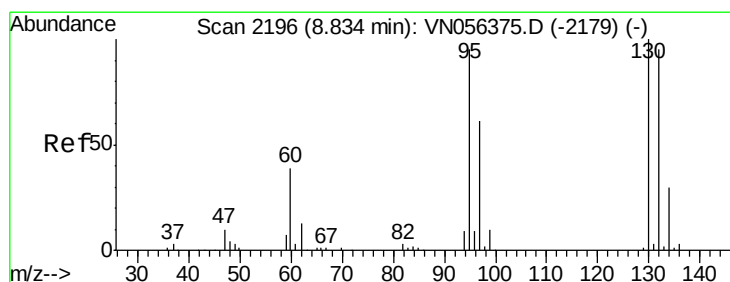
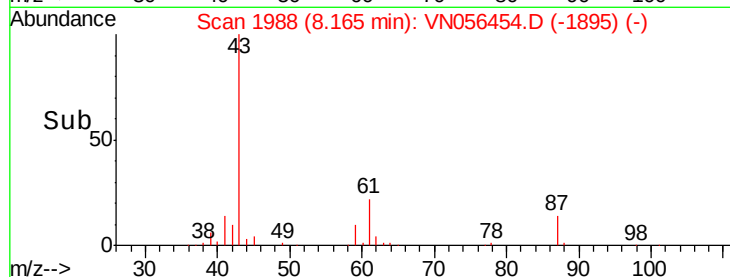
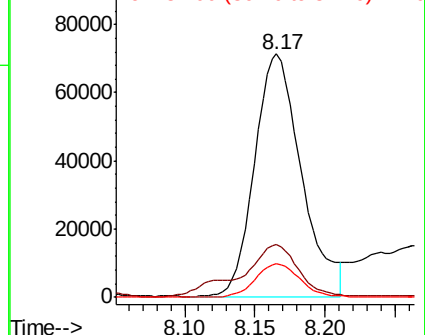
87 13.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 19.644 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056454.D

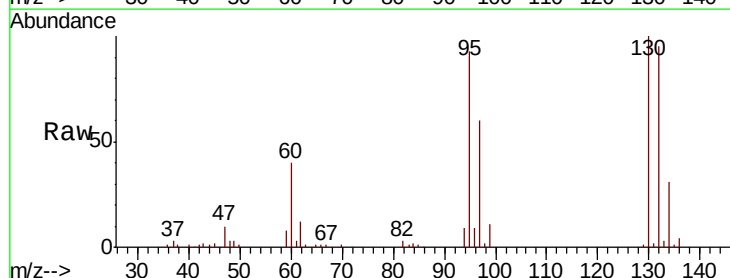
Acq: 24 Jun 2019 14:36

Tgt Ion: 130 Resp: 82214

Ion Ratio Lower Upper

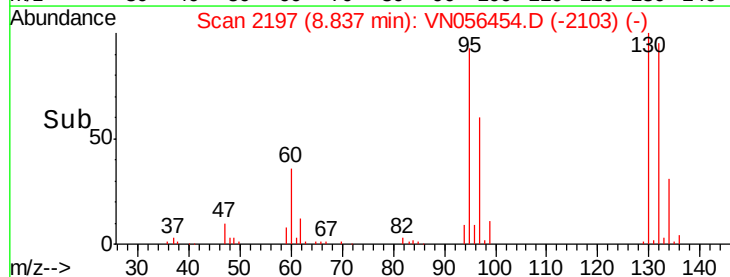
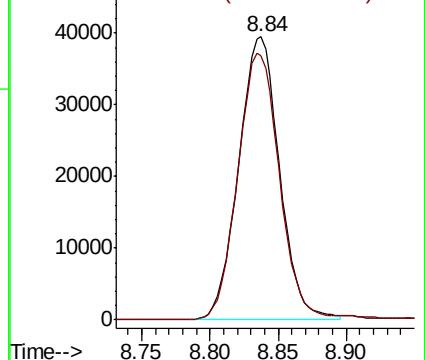
130 100

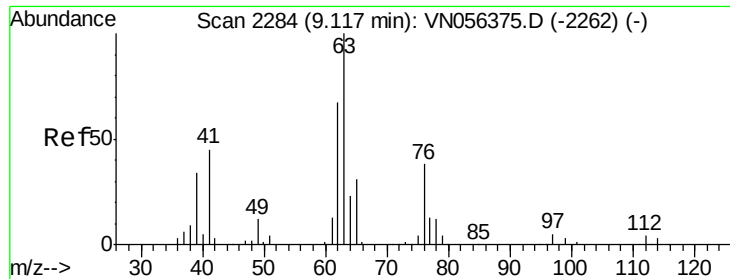
95 93.2 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

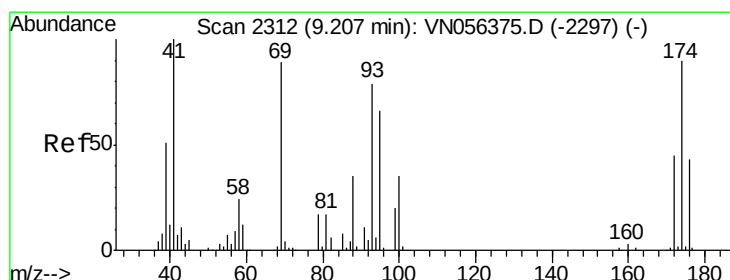
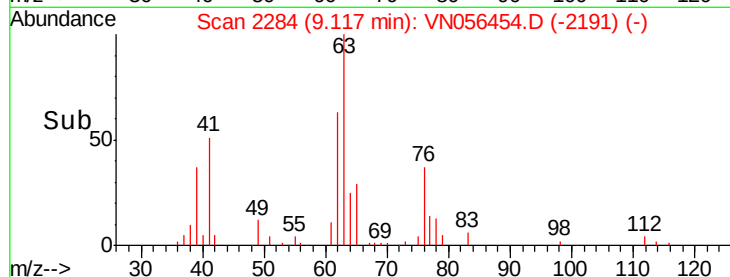
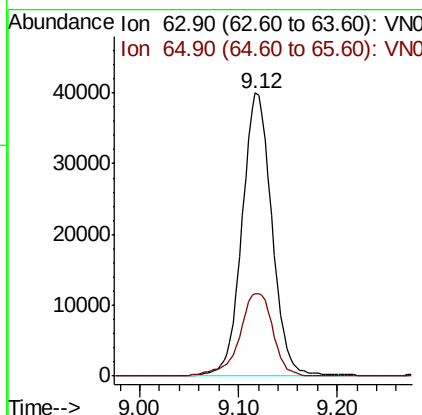
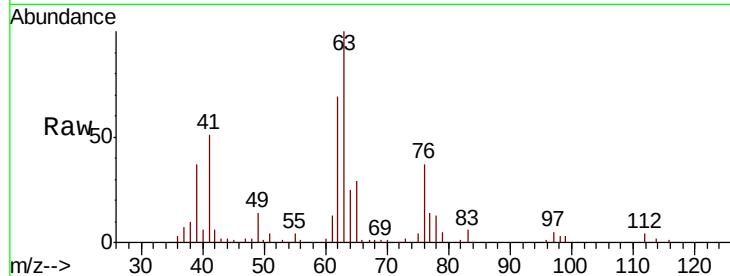




#45
 1,2-Dichloropropane
 Concen: 20.103 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

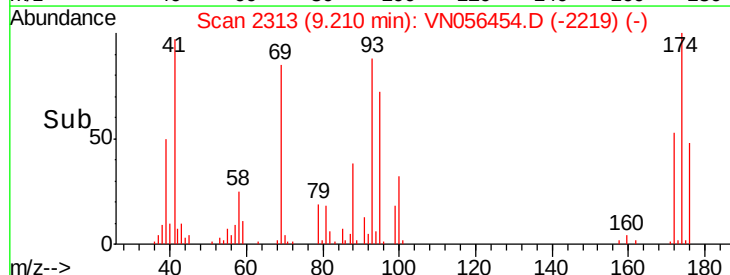
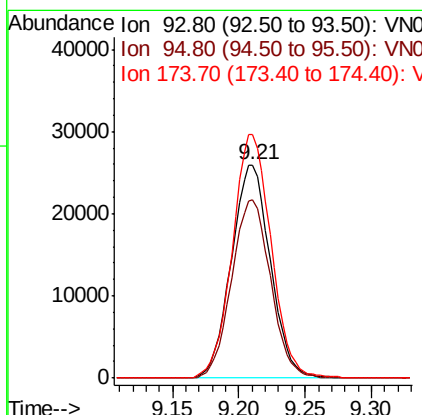
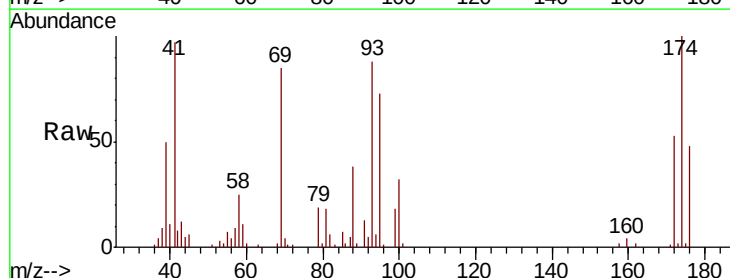
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

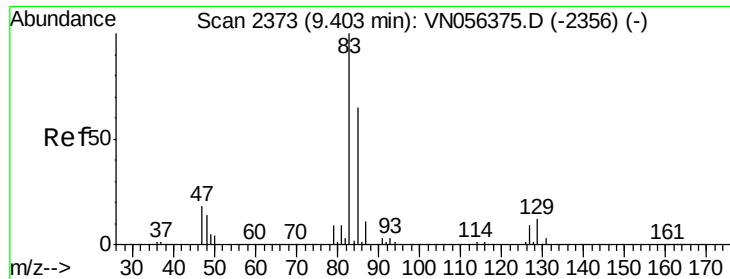
Tot Ion: 63 Resp: 83527
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.0 37.6



#46
 Dibromomethane
 Concen: 20.420 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

Tgt Ion: 93 Resp: 53083
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.2
 174 113.4 90.8 136.2





#47

Bromodichloromethane

Concen: 20.611 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

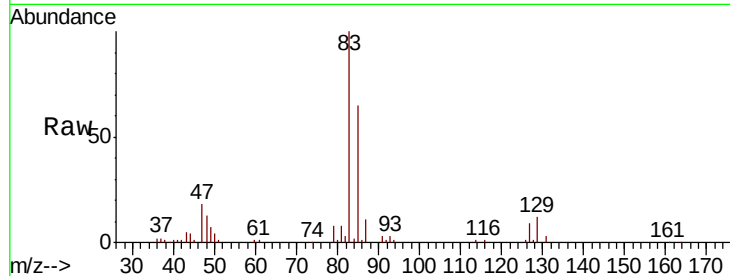
Tot Ion: 83 Resp: 95028

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.4

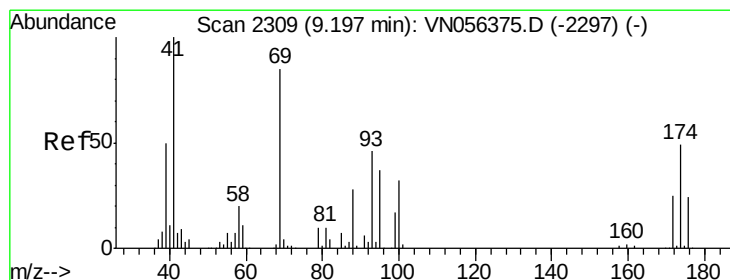
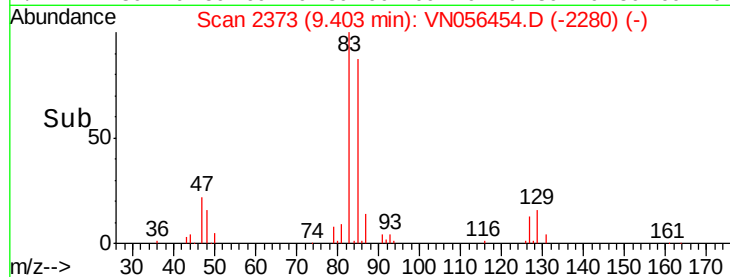
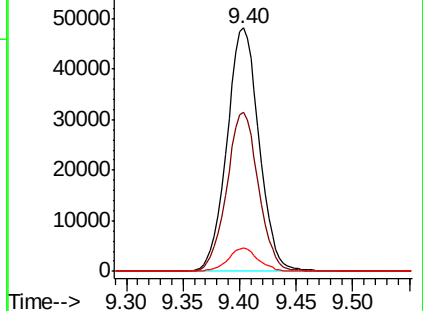
127 9.5 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.678 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

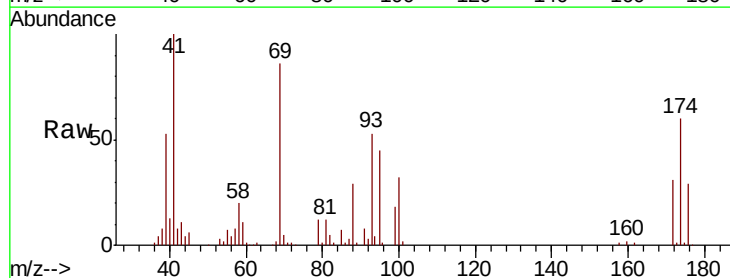
Tgt Ion: 41 Resp: 75477

Ion Ratio Lower Upper

41 100

69 92.0 72.6 109.0

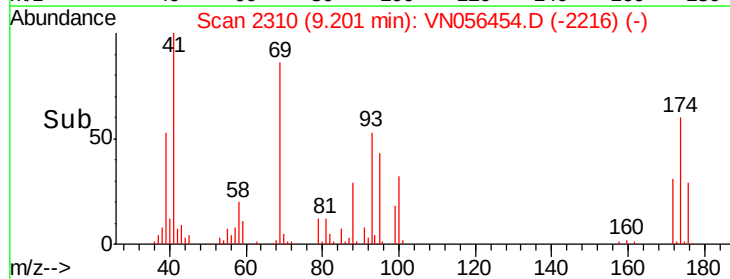
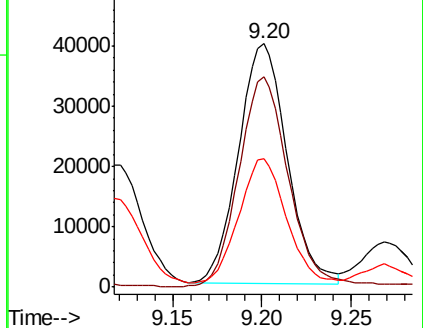
39 54.4 42.6 63.8

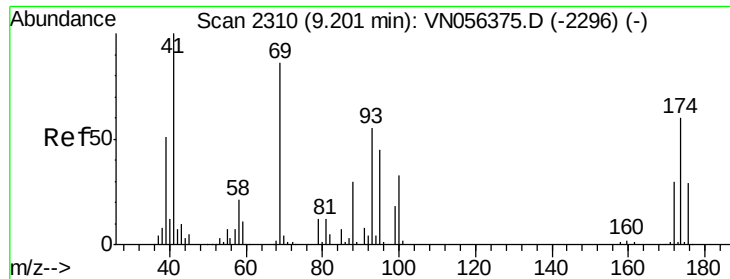


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 389.843 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

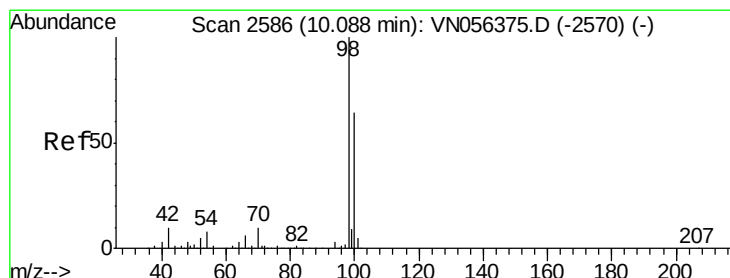
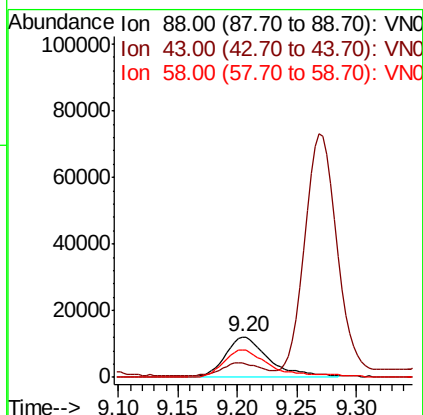
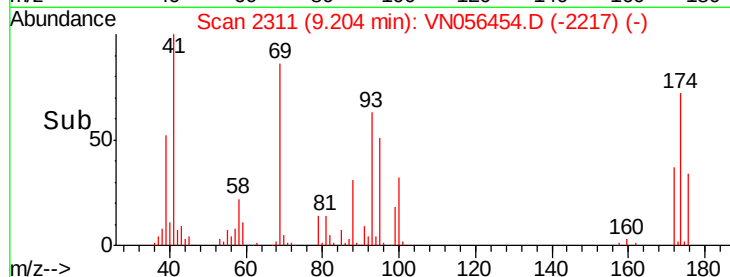
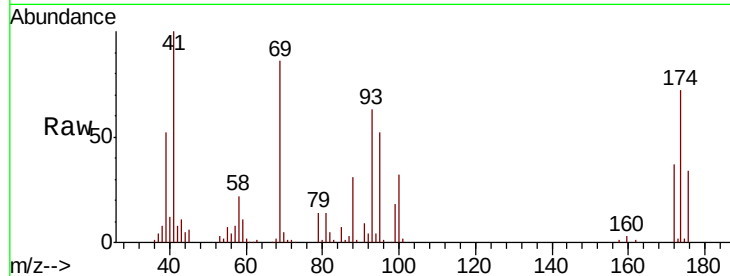
Tot Ion: 88 Resp: 31030

Ion Ratio Lower Upper

88 100

43 27.5 22.0 33.0

58 69.2 51.8 77.8



#50

Toluene-d8

Concen: 48.729 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056454.D

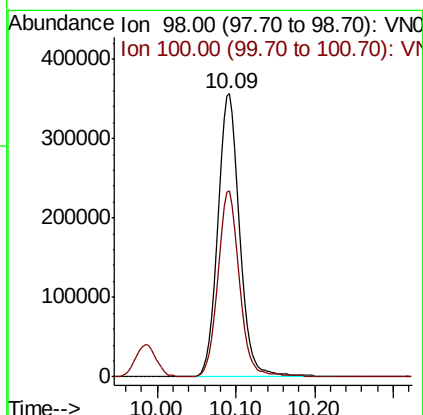
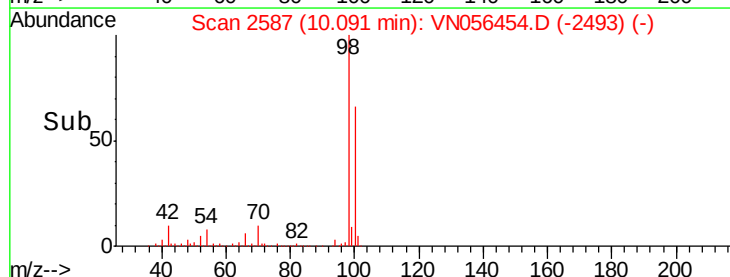
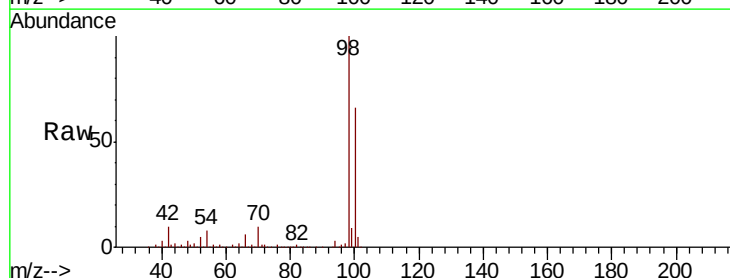
Acq: 24 Jun 2019 14:36

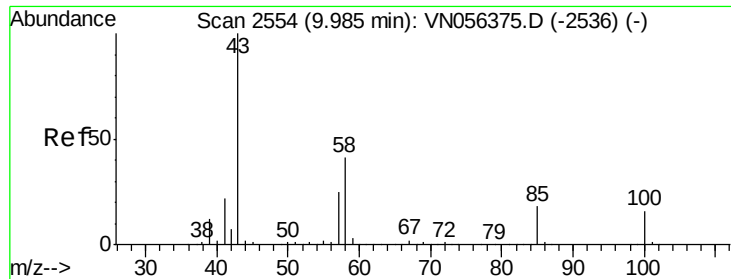
Tgt Ion: 98 Resp: 678773

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 101.437 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

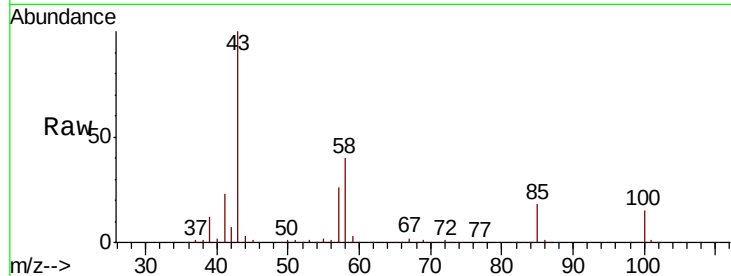
VN0624WBSD01

Tot Ion: 43 Resp: 501116

Ion Ratio Lower Upper

43 100

58 39.8 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

250000

200000

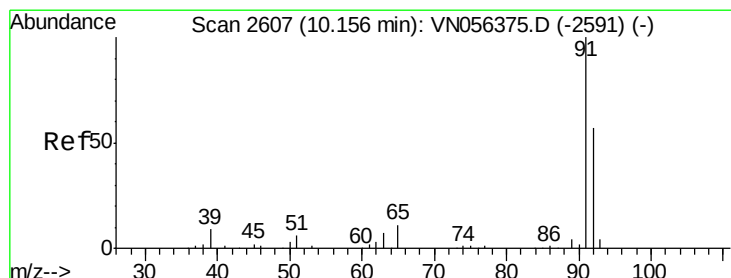
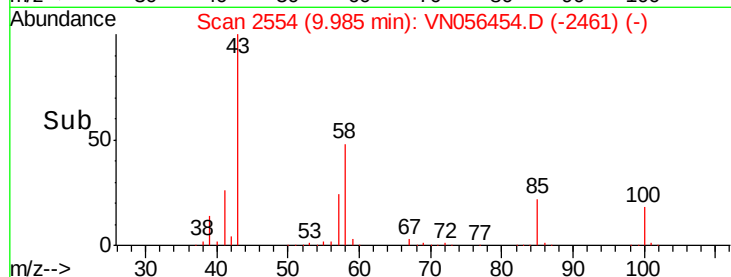
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.769 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056454.D

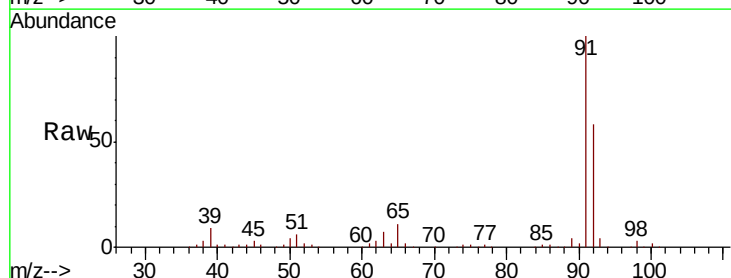
Acq: 24 Jun 2019 14:36

Tgt Ion: 92 Resp: 187781

Ion Ratio Lower Upper

92 100

91 172.9 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

200000

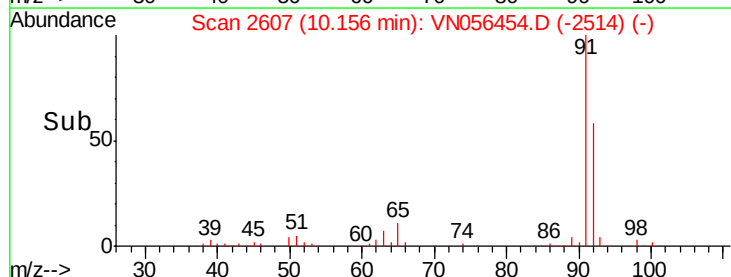
150000

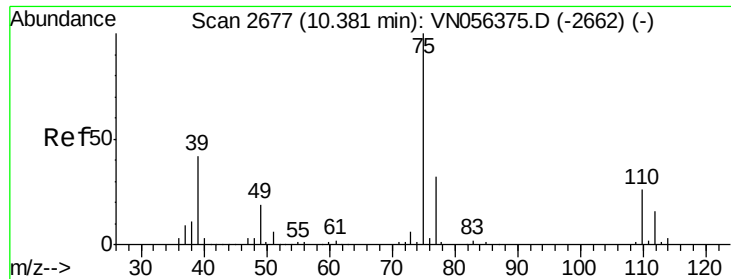
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.075 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

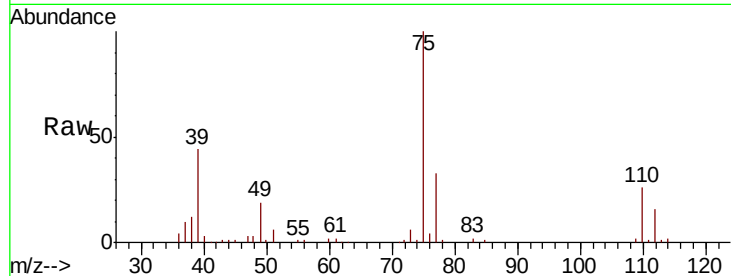
VN0624WBSD01

Tot Ion: 75 Resp: 92236

Ion Ratio Lower Upper

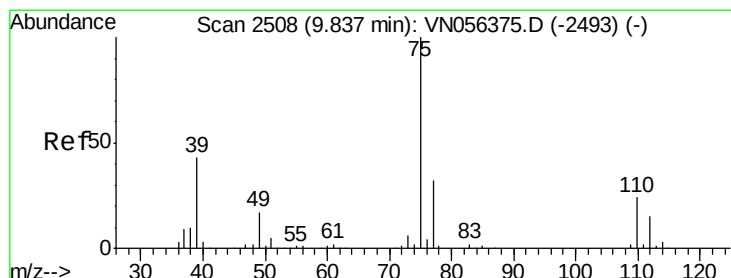
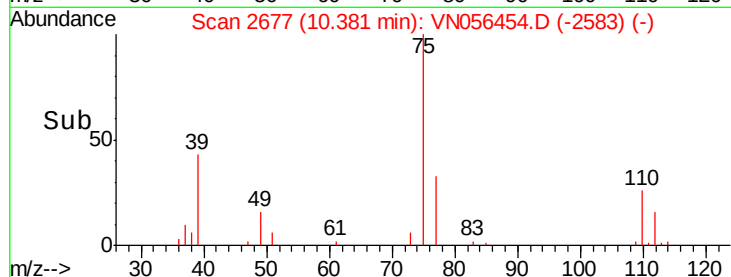
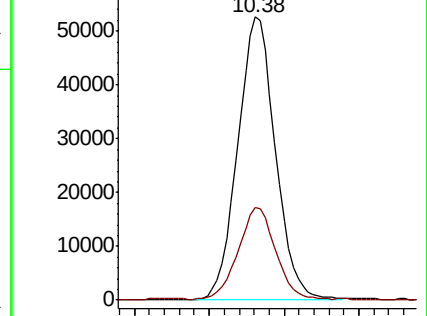
75 100

77 32.4 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: 20.019 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

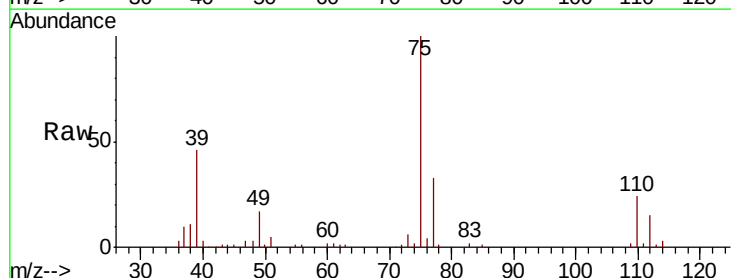
Tgt Ion: 75 Resp: 111148

Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8

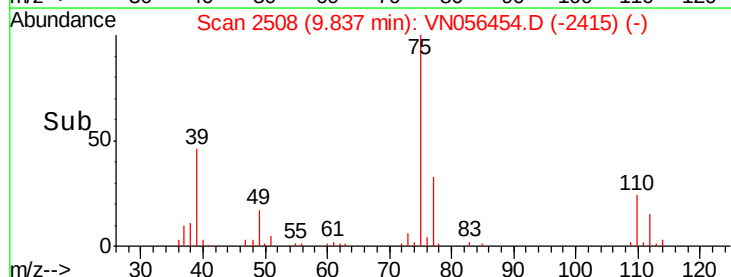
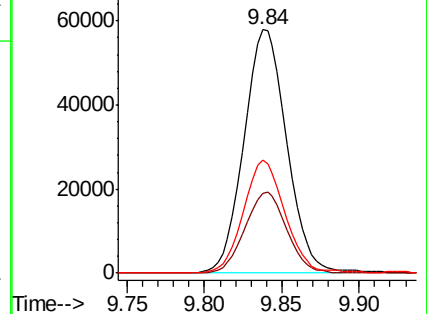
39 46.3 34.2 51.4

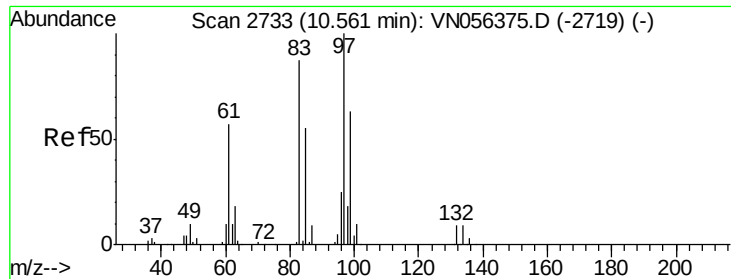


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.597 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

Tot Ion: 97 Resp: 78641

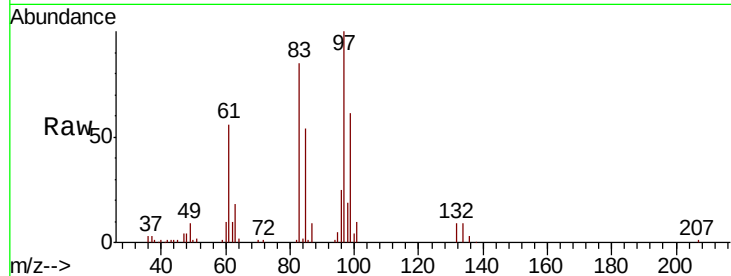
Ion Ratio Lower Upper

97 100

83 84.8 69.8 104.6

85 53.8 43.8 65.8

99 61.4 50.2 75.2

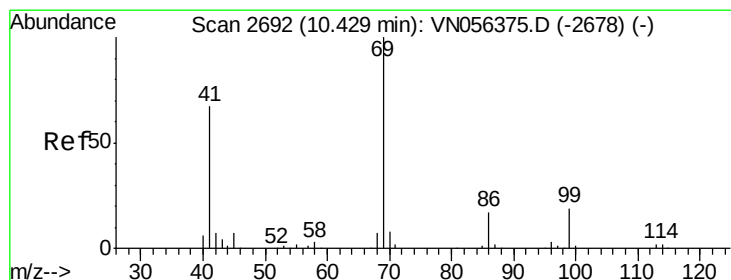
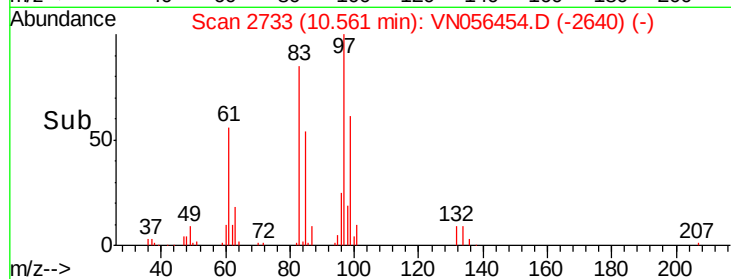
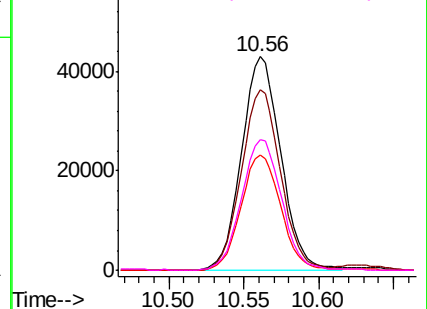


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.200 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

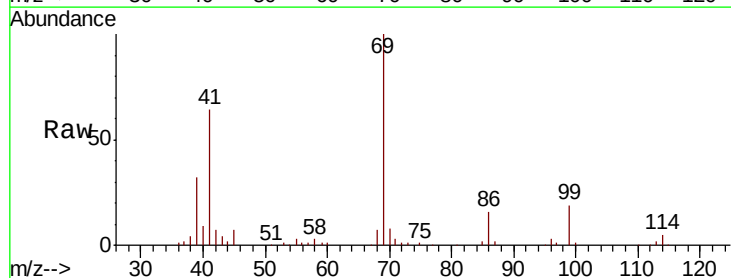
Tgt Ion: 69 Resp: 112711

Ion Ratio Lower Upper

69 100

41 63.1 51.4 77.2

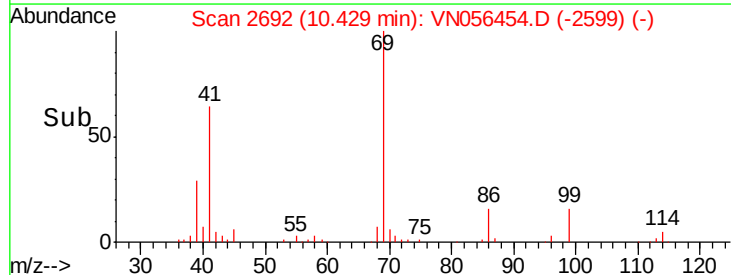
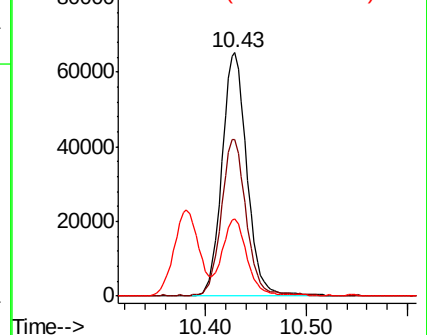
39 31.0 24.7 37.1

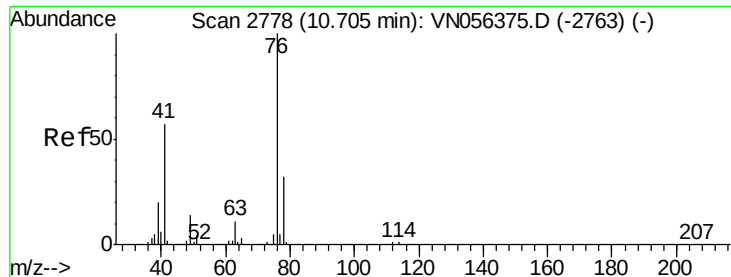


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.265 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

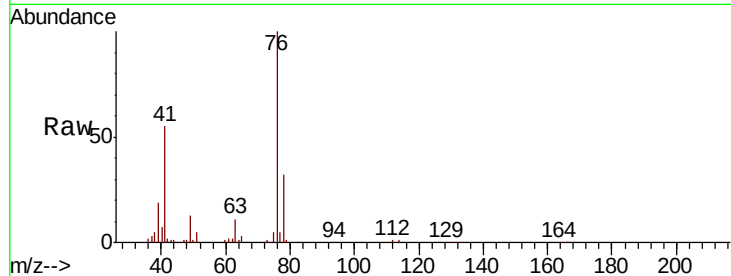
VN0624WBSD01

Tot Ion: 76 Resp: 129984

Ion Ratio Lower Upper

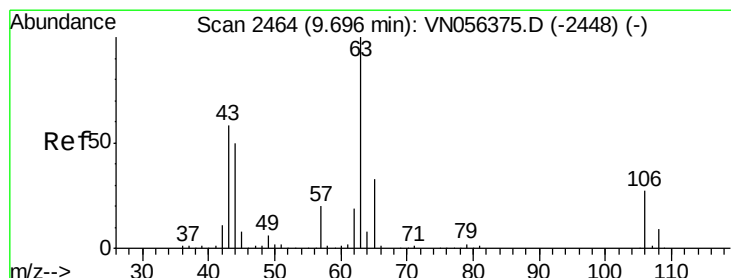
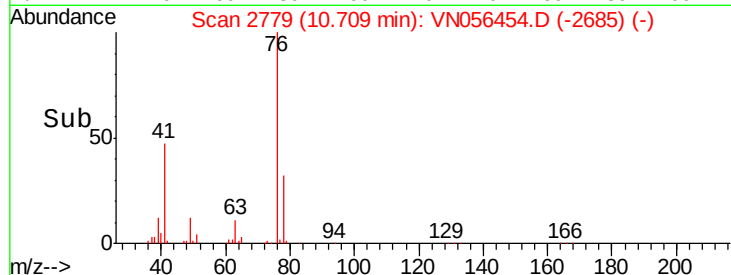
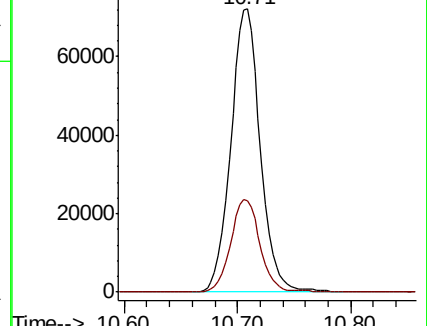
76 100

78 32.8 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 82.145 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN056454.D

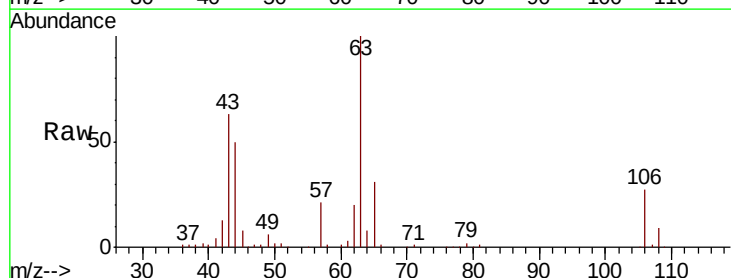
Acq: 24 Jun 2019 14:36

Tgt Ion: 63 Resp: 164665

Ion Ratio Lower Upper

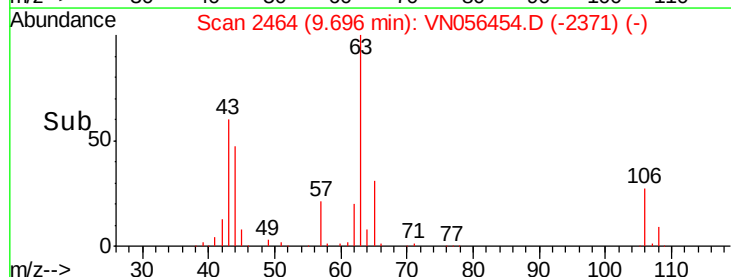
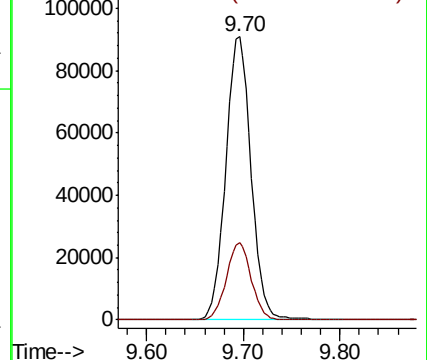
63 100

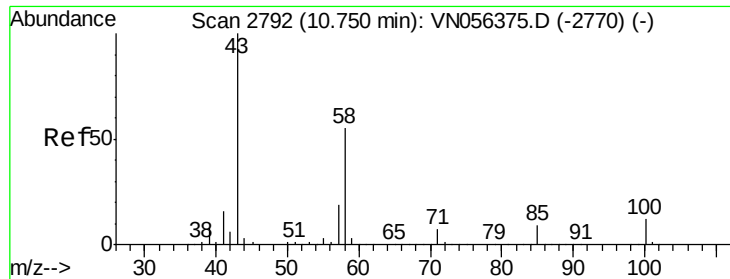
106 26.8 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

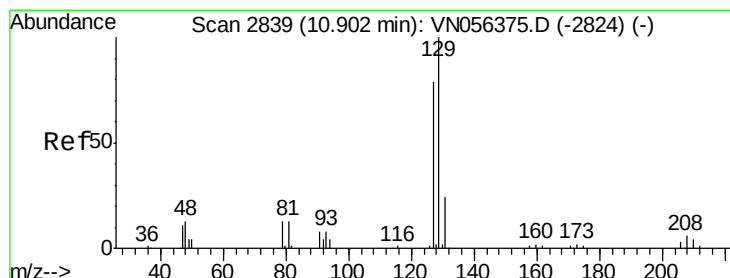
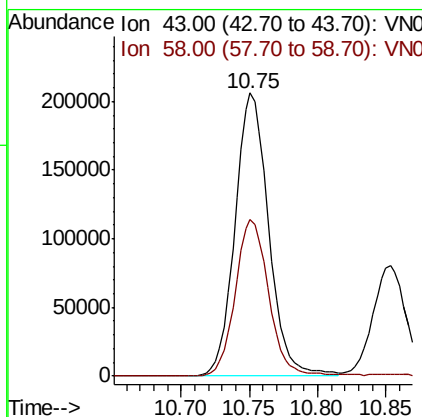
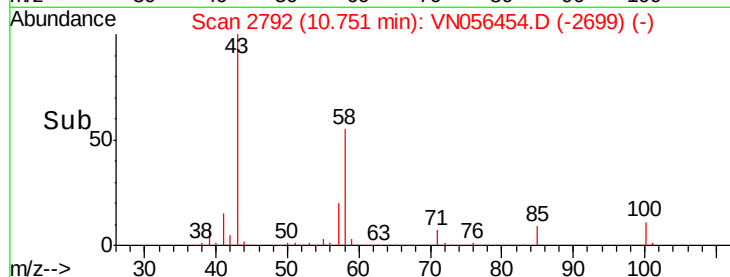
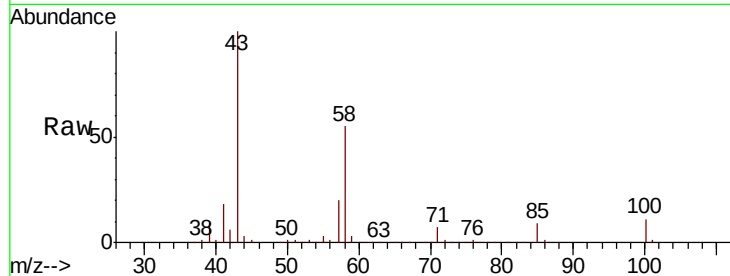




#59
2-Hexanone
Concen: 96.624 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

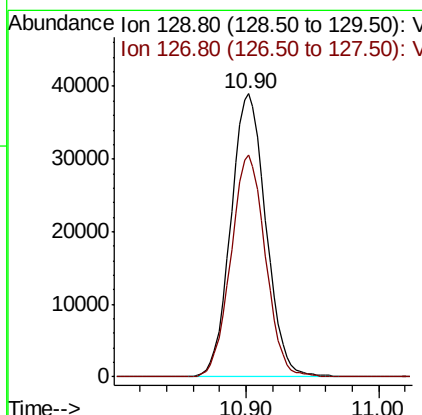
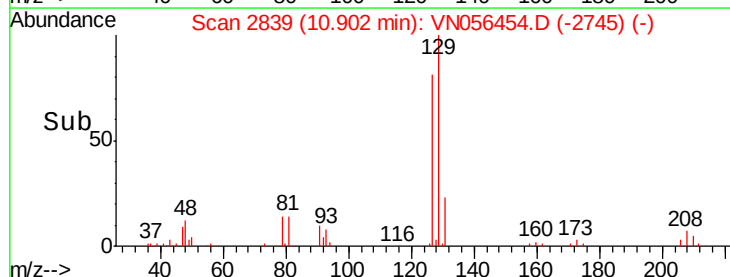
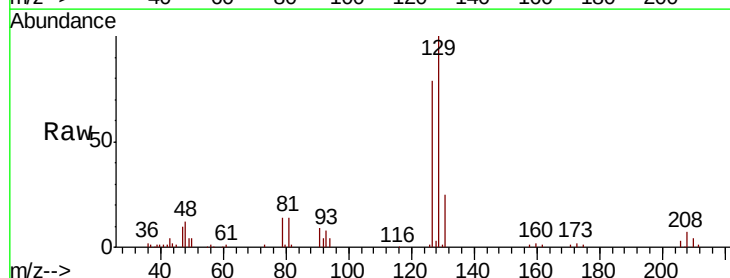
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

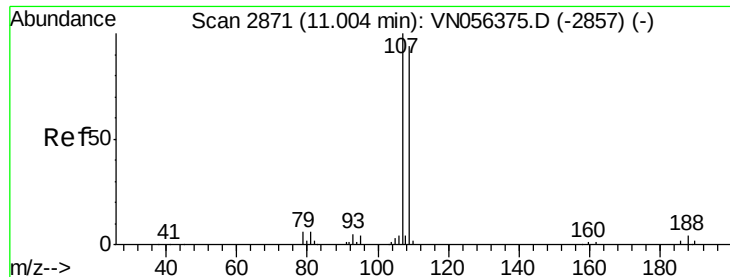
Tot Ion: 43 Resp: 350828
Ion Ratio Lower Upper
43 100
58 55.5 27.8 83.4



#60
Dibromochloromethane
Concen: 19.734 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Tgt Ion: 129 Resp: 71505
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.119 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

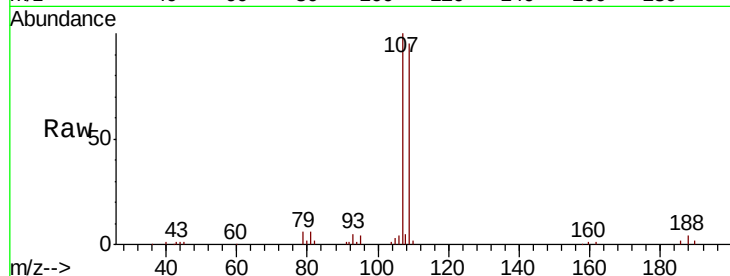
VN0624WBSD01

Tot Ion:107 Resp: 78455

Ion Ratio Lower Upper

107 100

109 95.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

40000

30000

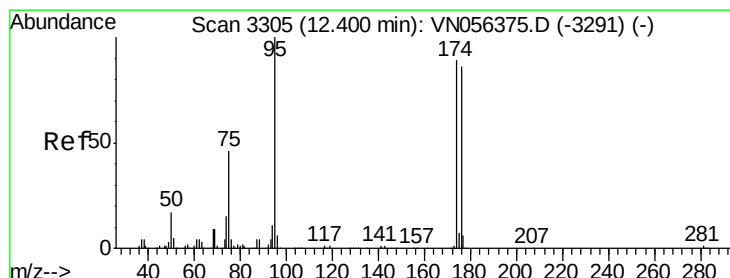
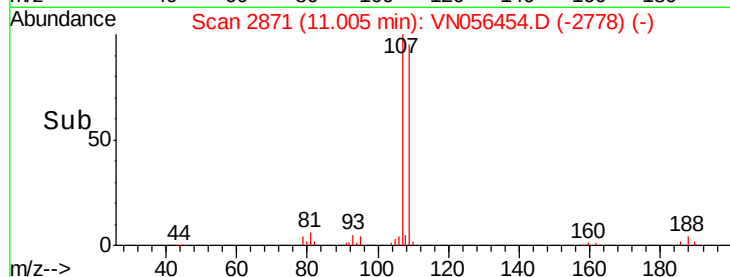
20000

10000

0

Time-->

10.95 11.00 11.05 11.10



#62

4-Bromofluorobenzene

Concen: 46.774 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

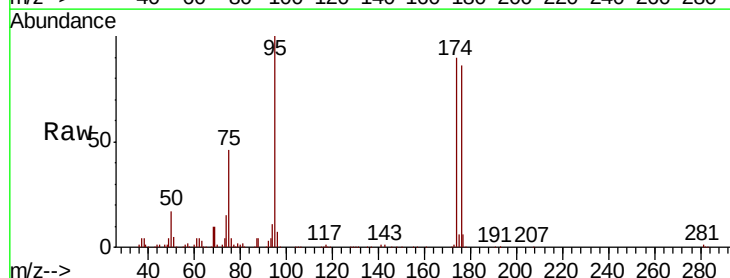
Tgt Ion: 95 Resp: 217198

Ion Ratio Lower Upper

95 100

174 89.8 0.0 179.4

176 87.1 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

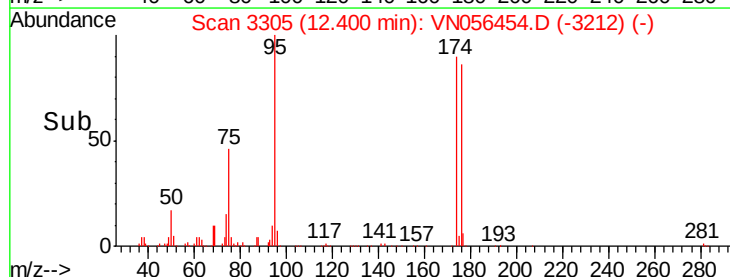
100000

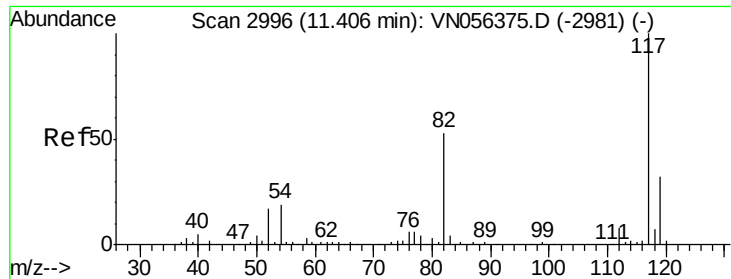
50000

0

Time-->

12.30 12.40 12.50

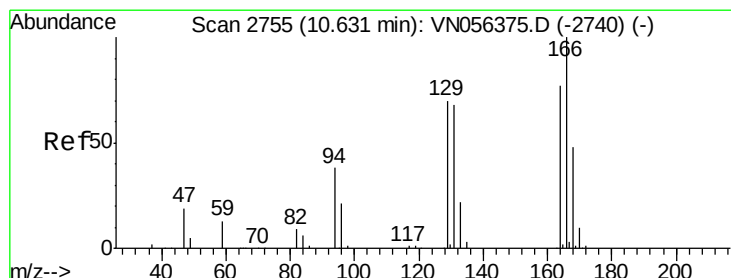
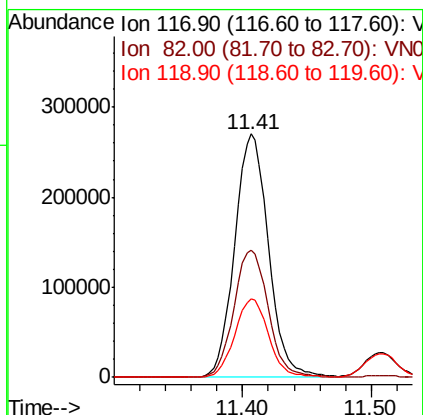
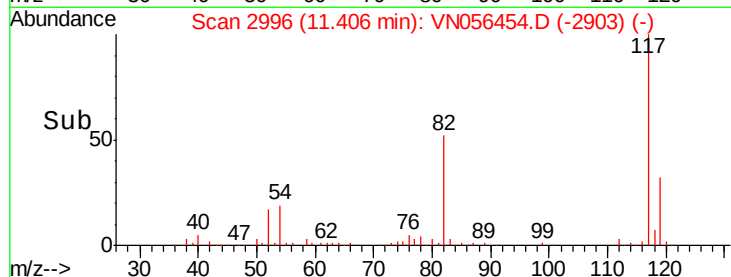
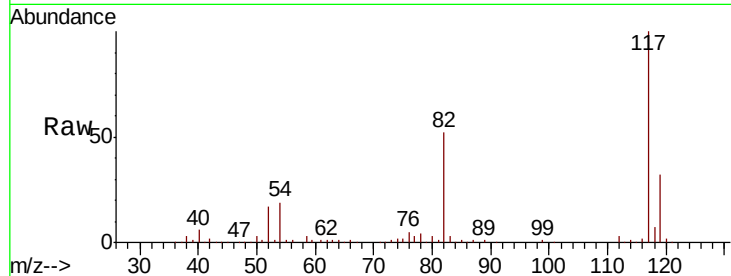




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

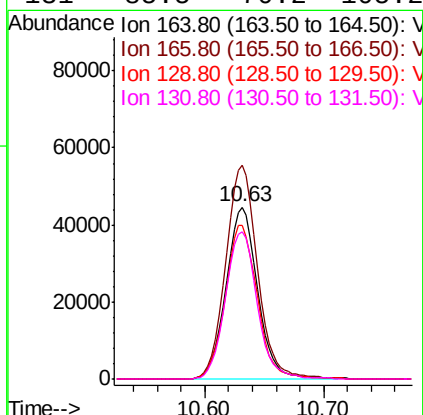
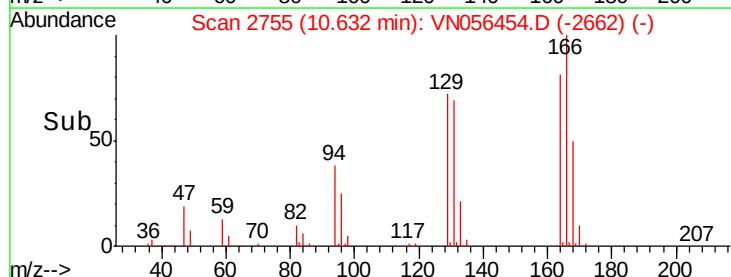
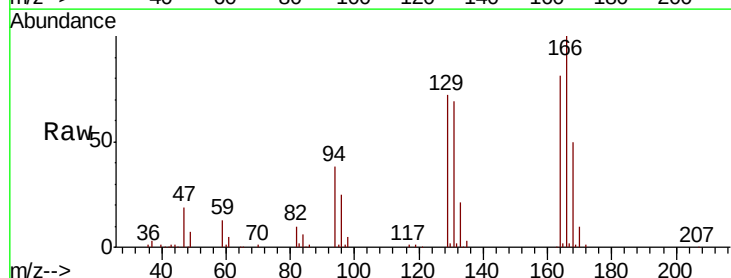
Instrument :
MSVOA_N
ClientSampled :
VN0624WBSD01

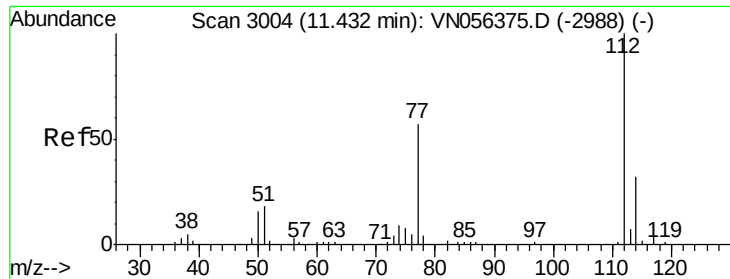
Tot Ion:117 Resp: 492400
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 21.000 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Tgt Ion:164 Resp: 81888
Ion Ratio Lower Upper
164 100
166 124.1 103.4 155.0
129 89.1 72.0 108.0
131 85.5 70.2 105.2

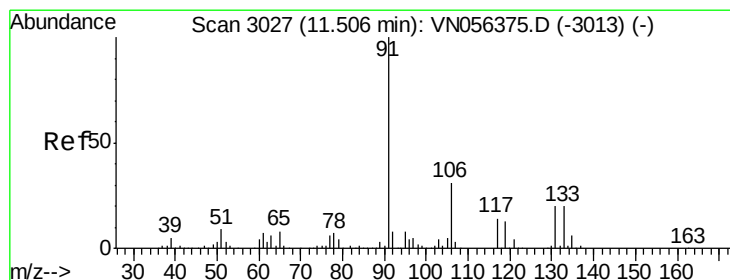
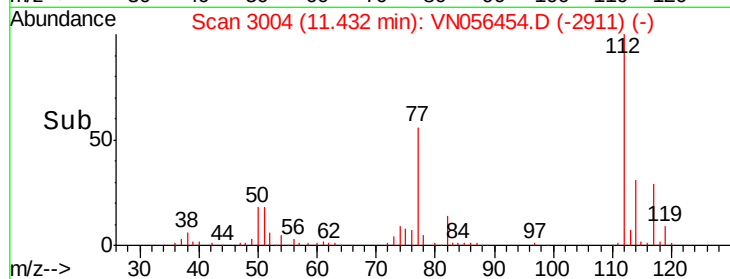
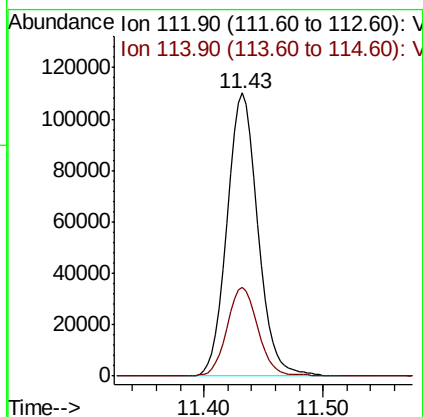
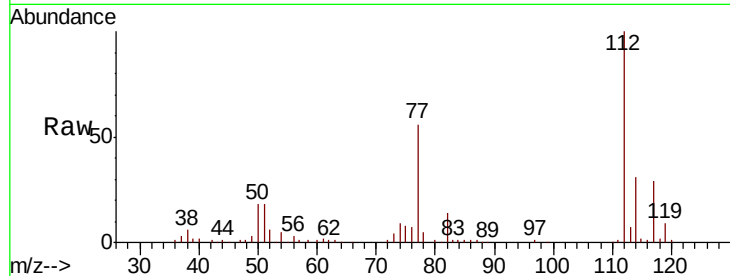




#65
Chlorobenzene
Concen: 20.003 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

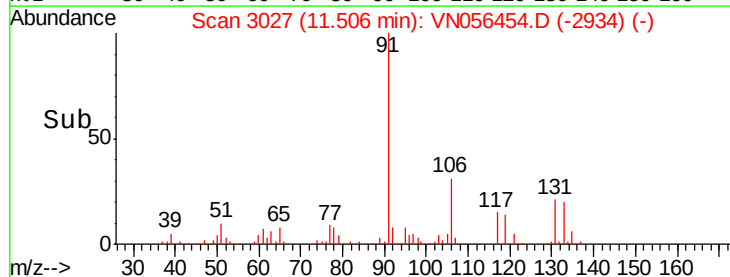
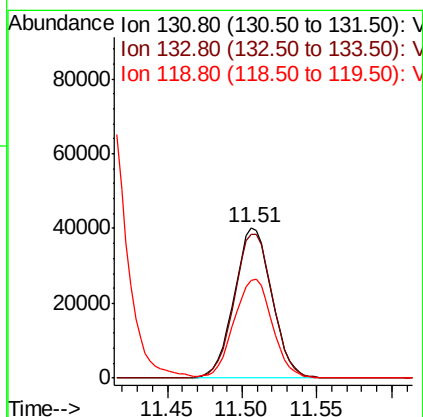
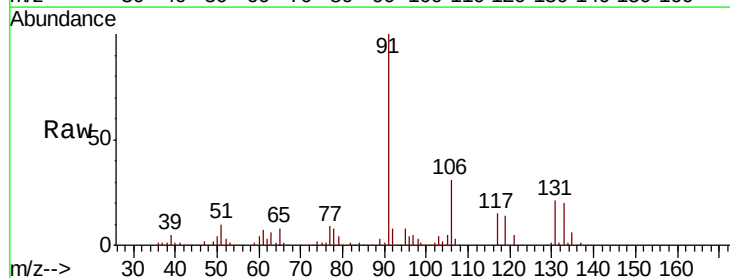
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

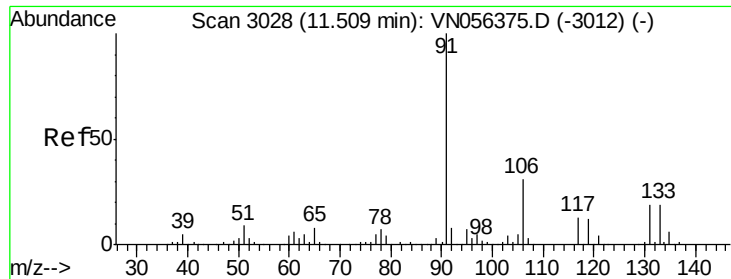
Tot Ion:112 Resp: 197911
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.079 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Tgt Ion:131 Resp: 70487
Ion Ratio Lower Upper
131 100
133 97.8 47.4 142.2
119 67.0 32.8 98.4

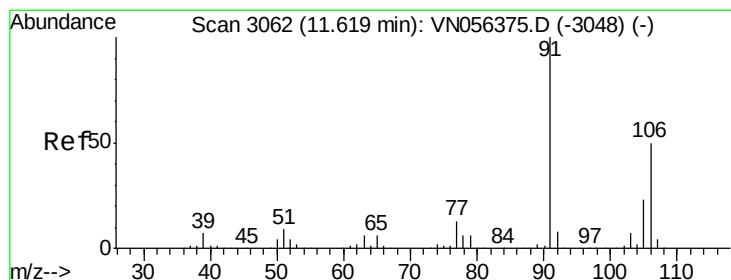
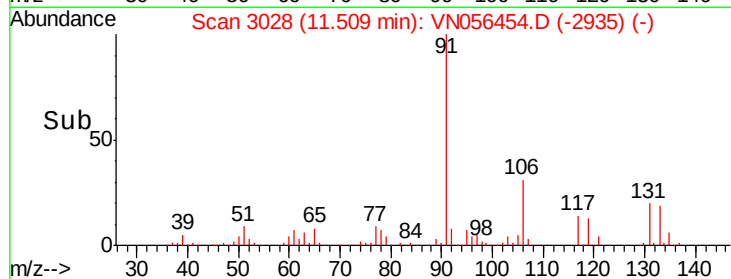
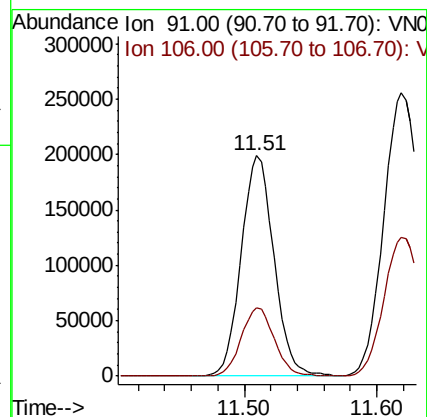
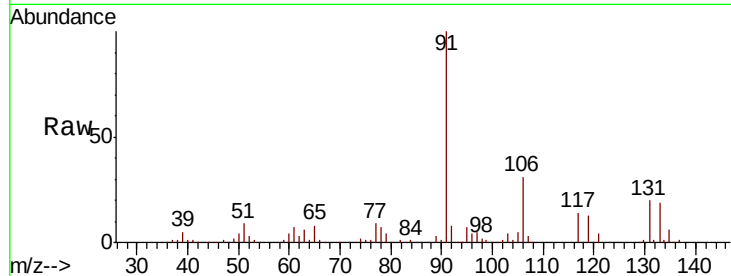




#67
Ethyl Benzene
Concen: 19.690 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

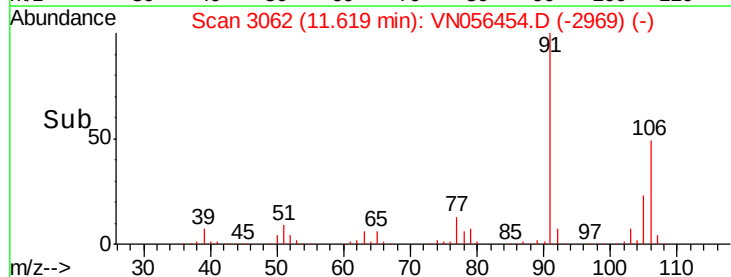
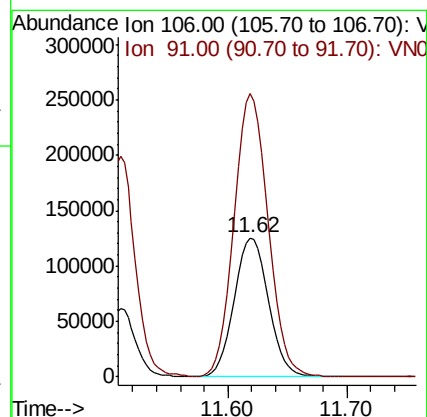
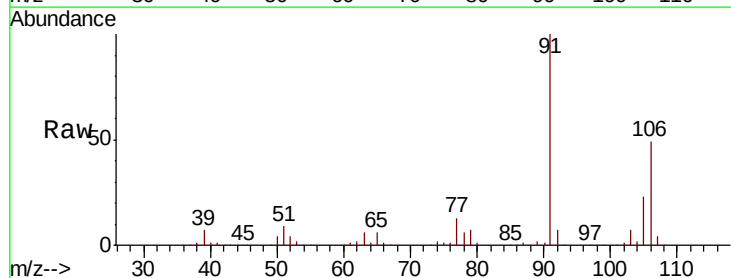
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

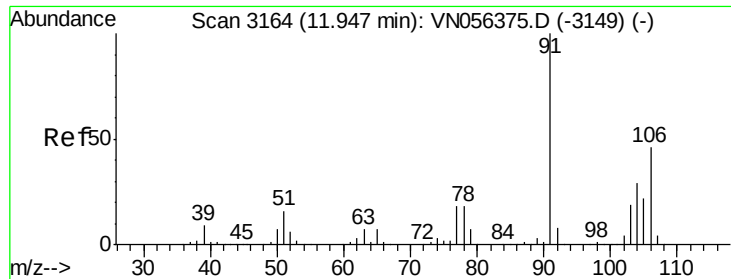
Tot Ion: 91 Resp: 342071
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7



#68
m/p-Xylenes
Concen: 39.460 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Tgt Ion: 106 Resp: 251229
Ion Ratio Lower Upper
106 100
91 202.2 160.1 240.1

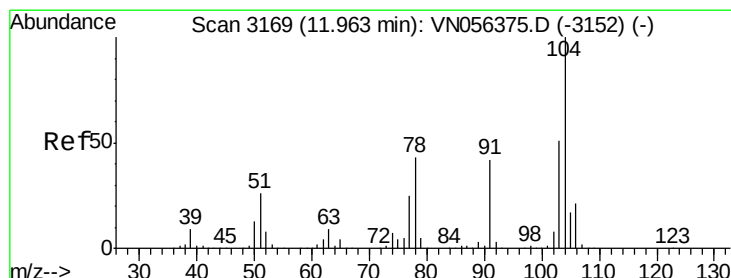
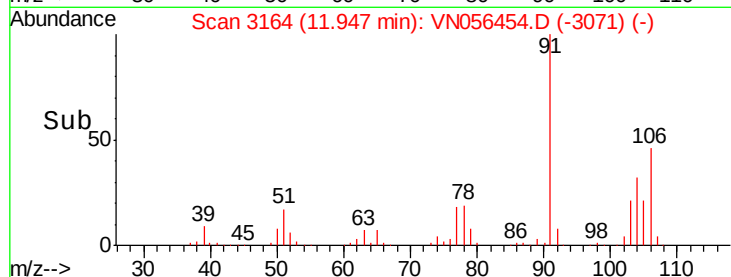
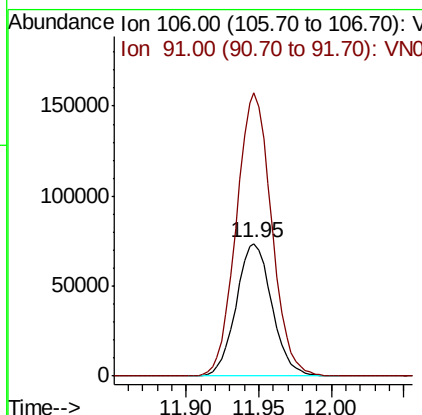
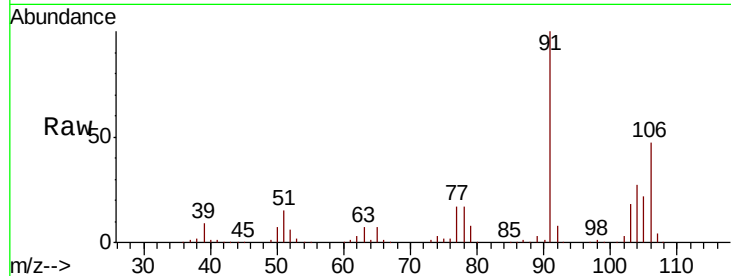




#69
o-Xylene
Concen: 20.015 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

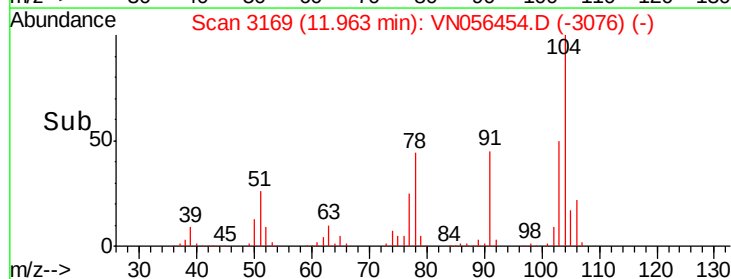
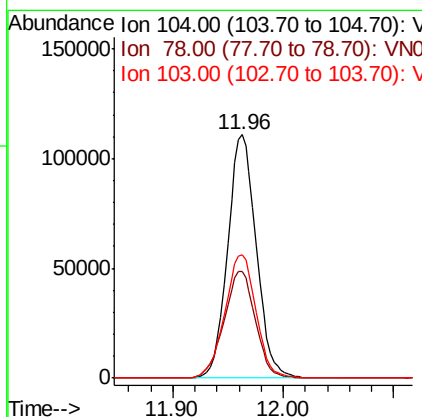
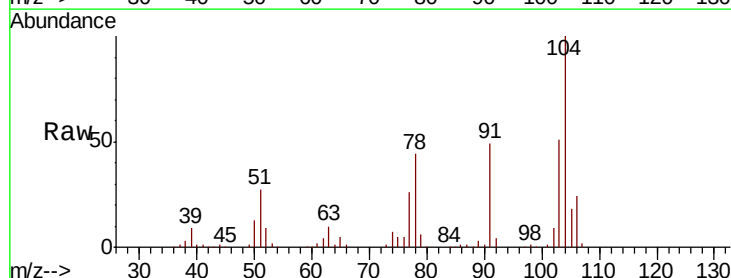
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

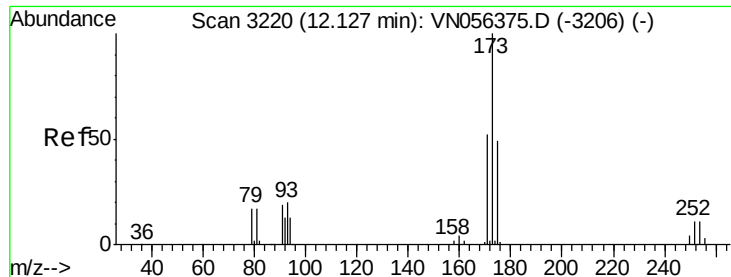
Tot Ion:106 Resp: 126068
Ion Ratio Lower Upper
106 100
91 211.3 107.1 321.3



#70
Styrene
Concen: 19.788 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056454.D
Acq: 24 Jun 2019 14:36

Tgt Ion:104 Resp: 199227
Ion Ratio Lower Upper
104 100
78 48.2 38.6 57.8
103 55.2 43.9 65.9





#71

Bromoform

Concen: 19.470 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampled :

VN0624WBSD01

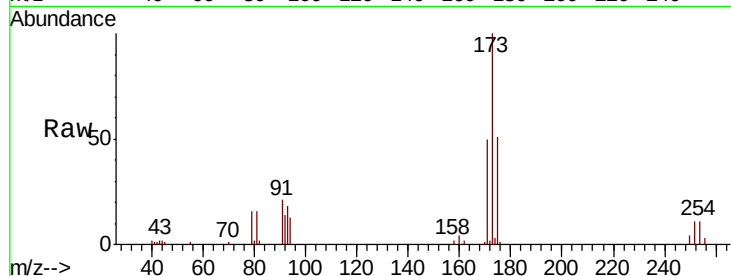
Tot Ion:173 Resp: 46999

Ion Ratio Lower Upper

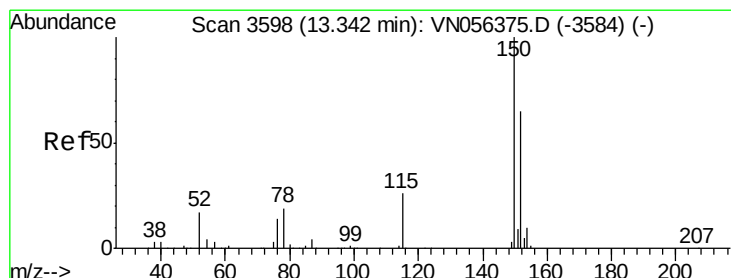
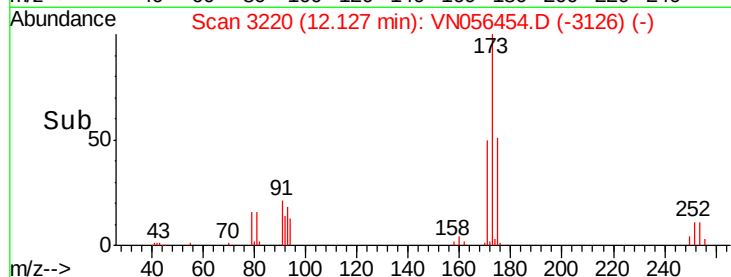
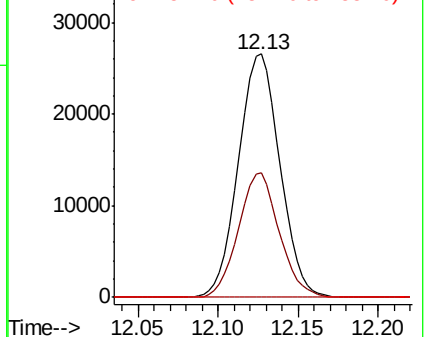
173 100

175 50.0 24.4 73.4

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: VN056454.D

Acq: 24 Jun 2019 14:36

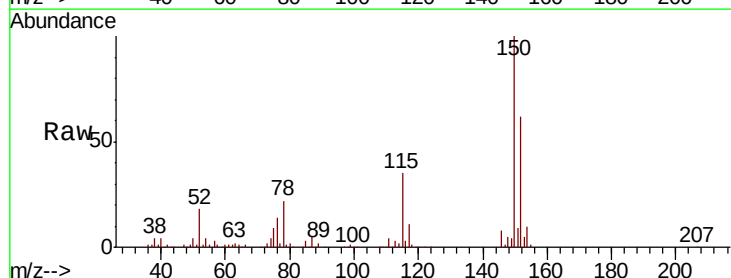
Tgt Ion:152 Resp: 177673

Ion Ratio Lower Upper

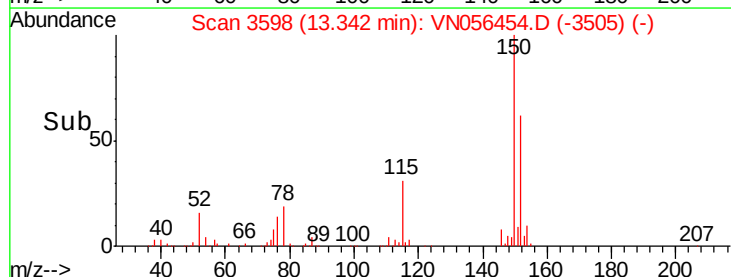
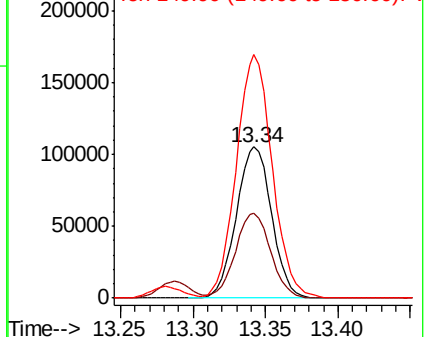
152 100

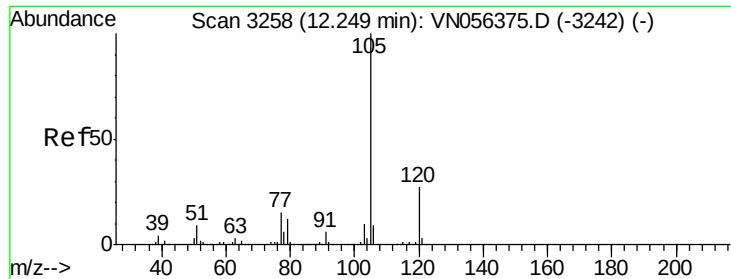
115 56.2 28.1 84.4

150 164.4 0.0 348.4



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: 23.564 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

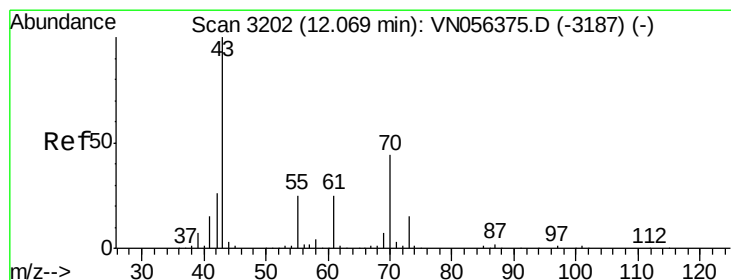
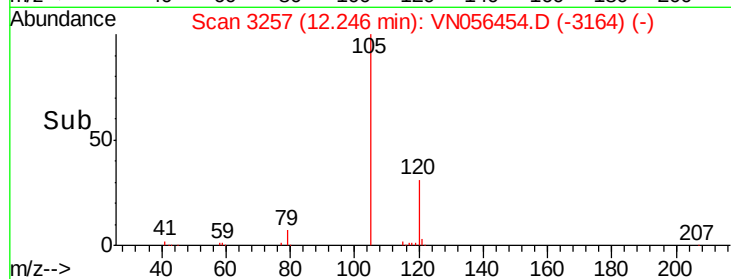
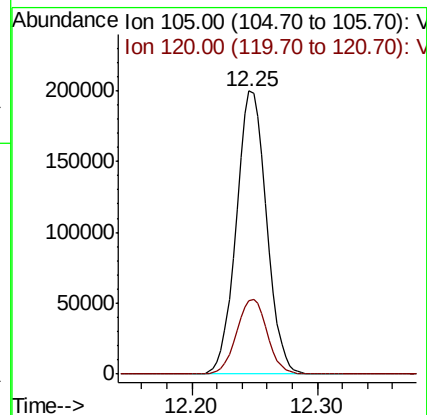
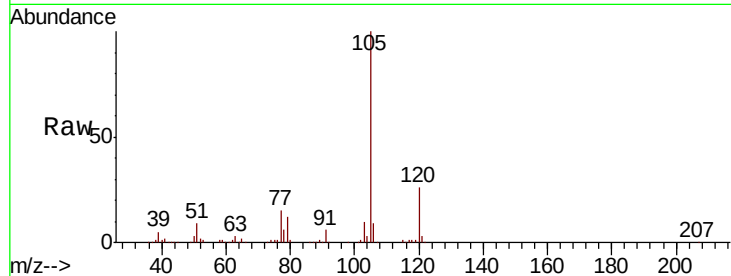
VN0624WBSD01

Tot Ion:105 Resp: 333419

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 21.103 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Tgt Ion: 43 Resp: 119327

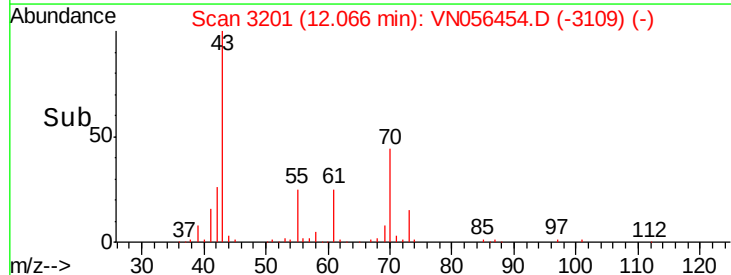
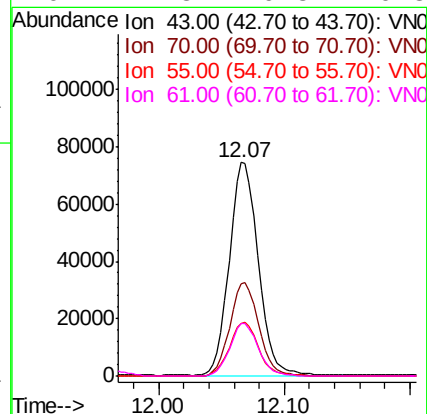
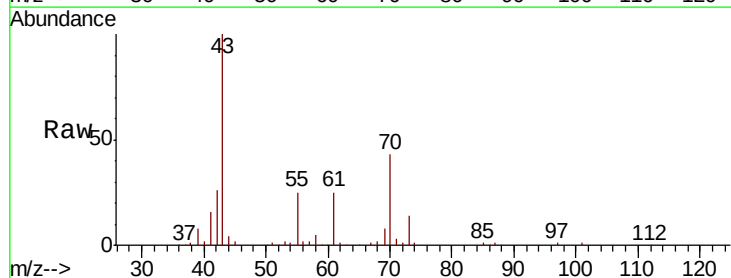
Ion Ratio Lower Upper

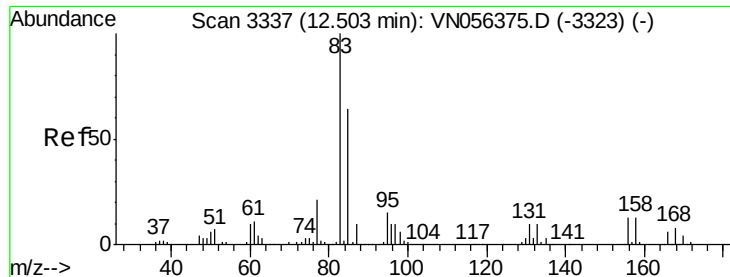
43 100

70 44.0 34.9 52.3

55 25.4 20.4 30.6

61 24.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.990 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

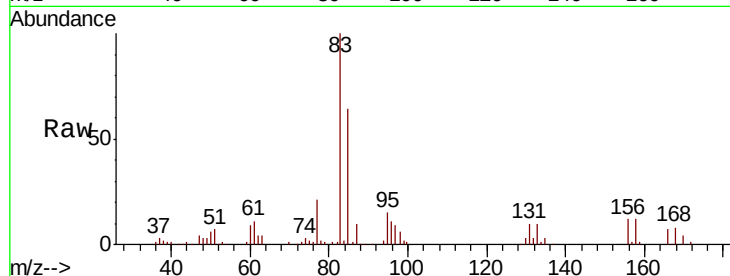
Tot Ion: 83 Resp: 105720

Ion Ratio Lower Upper

83 100

131 9.9 5.3 15.8

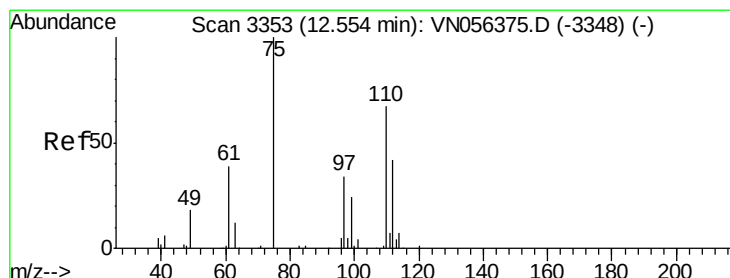
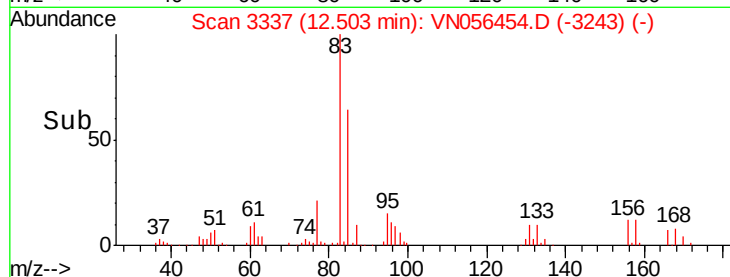
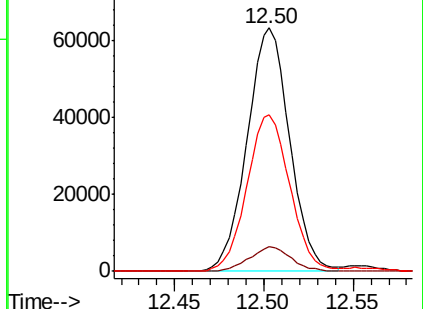
85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 32.184 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056454.D

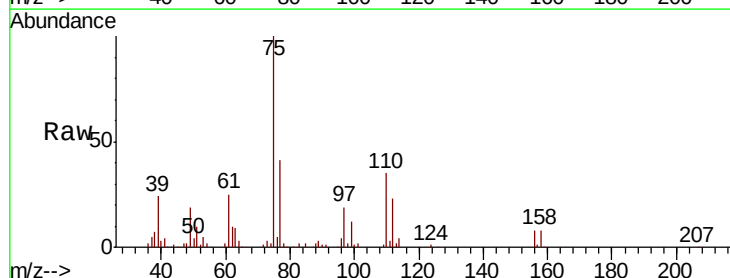
Acq: 24 Jun 2019 14:36

Tgt Ion: 75 Resp: 118567

Ion Ratio Lower Upper

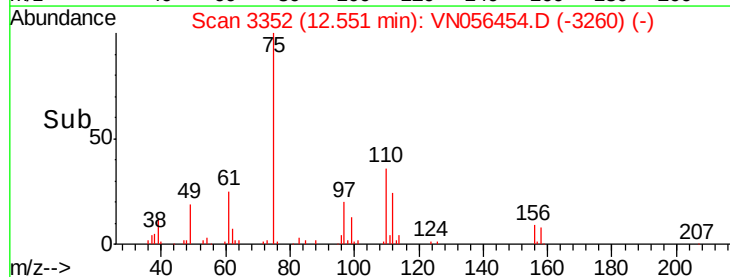
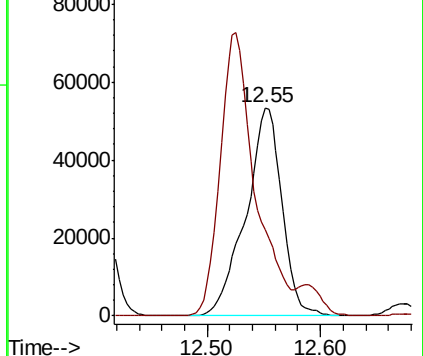
75 100

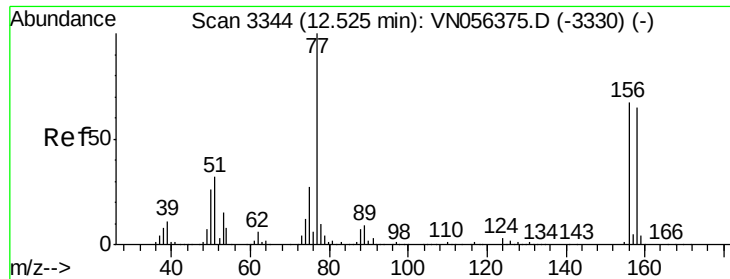
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.319 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

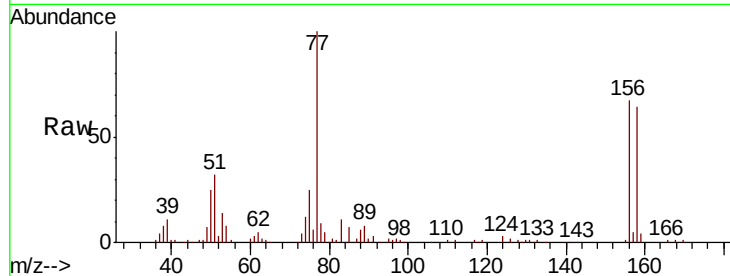
Tot Ion:156 Resp: 84697

Ion Ratio Lower Upper

156 100

77 185.0 92.5 277.3

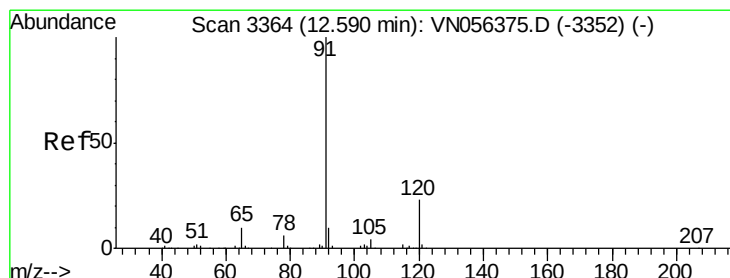
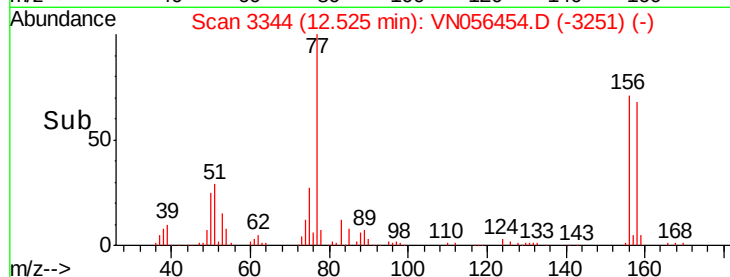
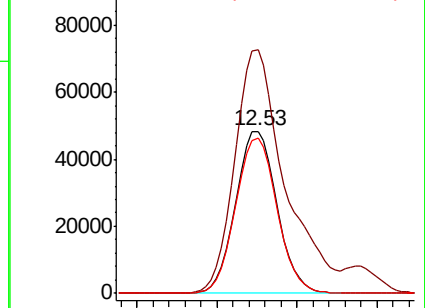
158 96.4 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.746 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056454.D

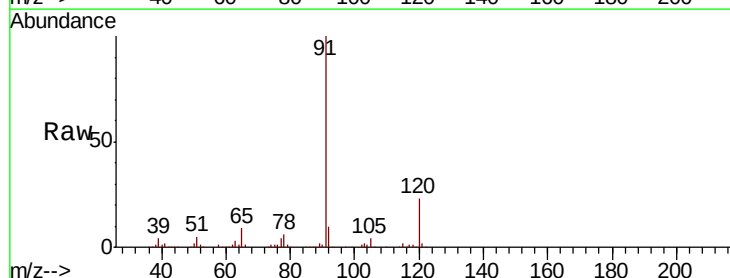
Acq: 24 Jun 2019 14:36

Tgt Ion: 91 Resp: 337555

Ion Ratio Lower Upper

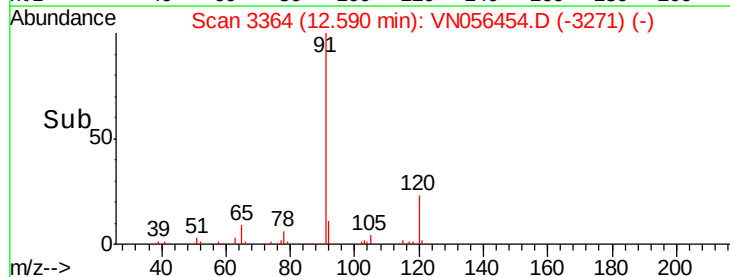
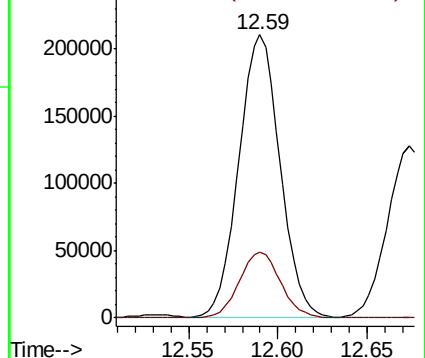
91 100

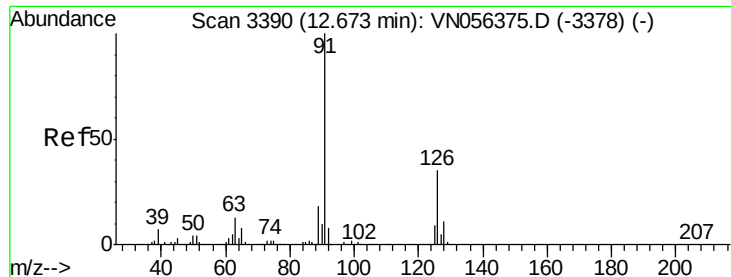
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.685 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

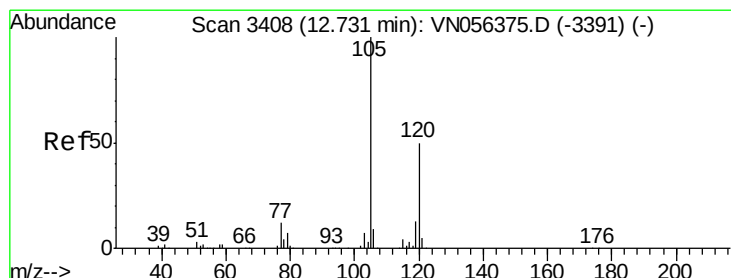
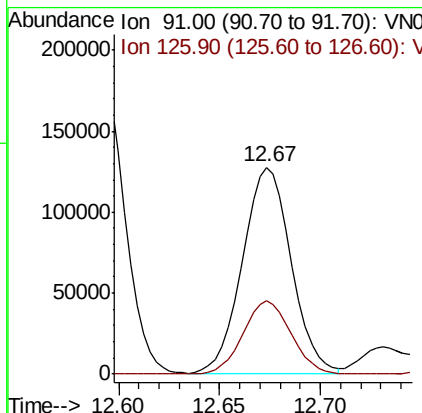
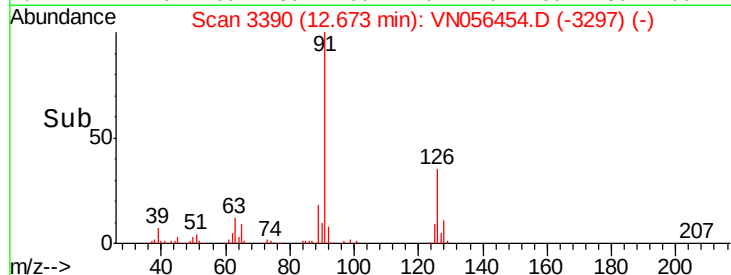
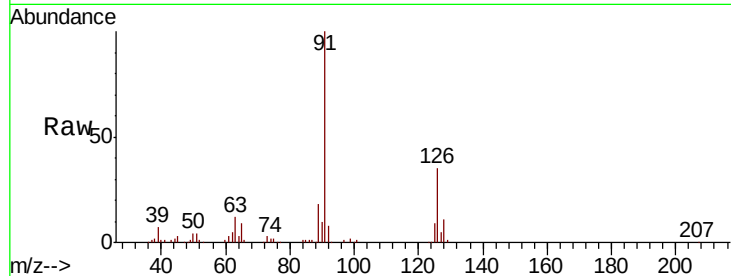
VN0624WBSD01

Tot Ion: 91 Resp: 214720

Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 22.408 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056454.D

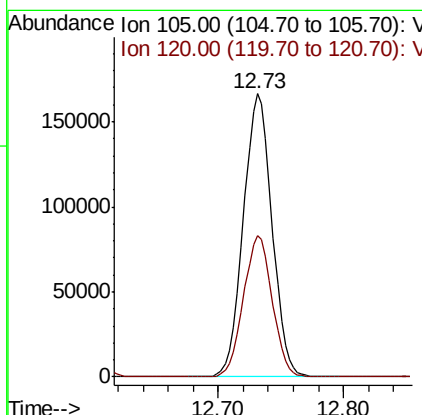
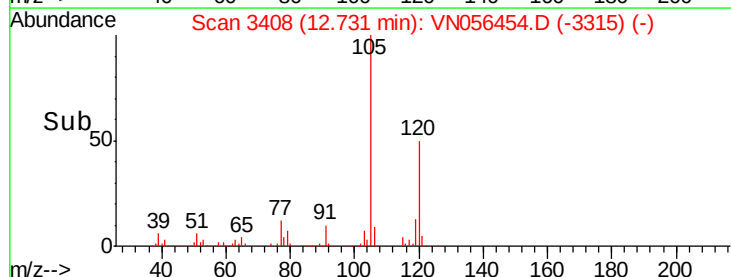
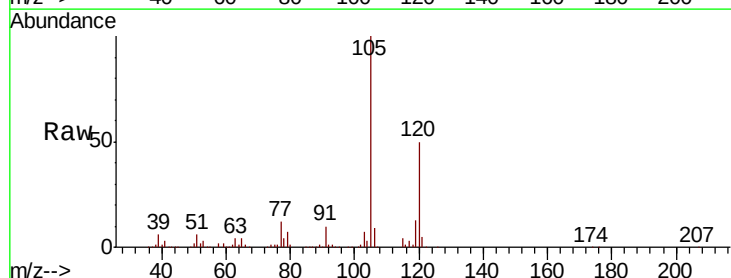
Acq: 24 Jun 2019 14:36

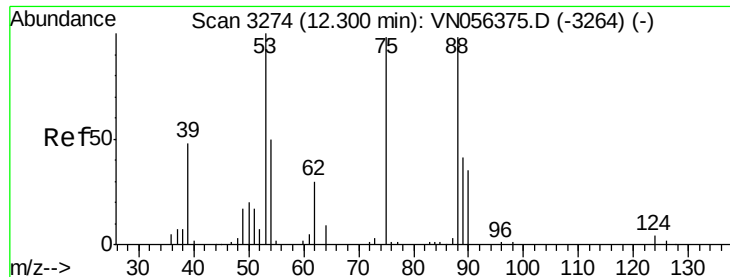
Tgt Ion: 105 Resp: 264499

Ion Ratio Lower Upper

105 100

120 50.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 21.609 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

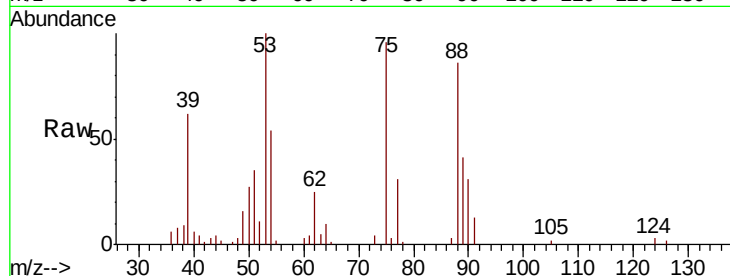
Tot Ion: 75 Resp: 22399

Ion Ratio Lower Upper

75 100

53 104.4 83.9 125.9

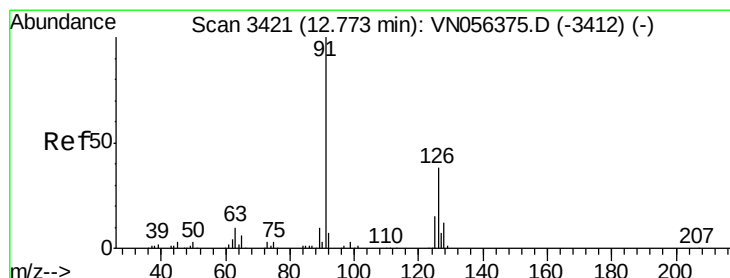
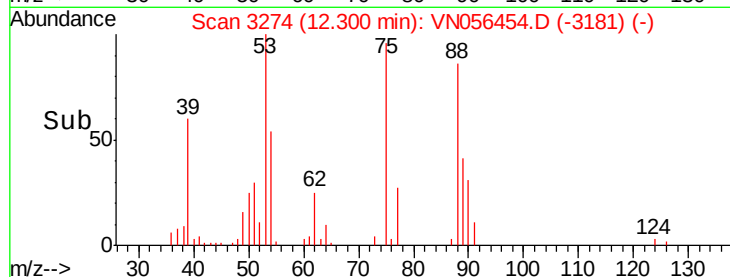
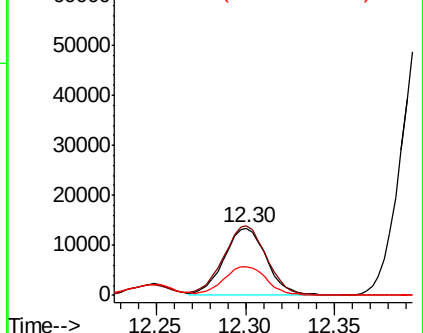
89 42.5 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.089 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056454.D

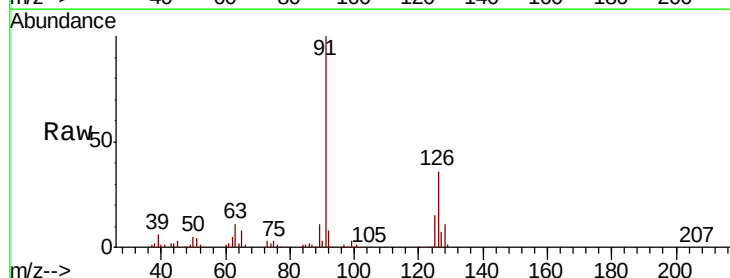
Acq: 24 Jun 2019 14:36

Tgt Ion: 91 Resp: 192996

Ion Ratio Lower Upper

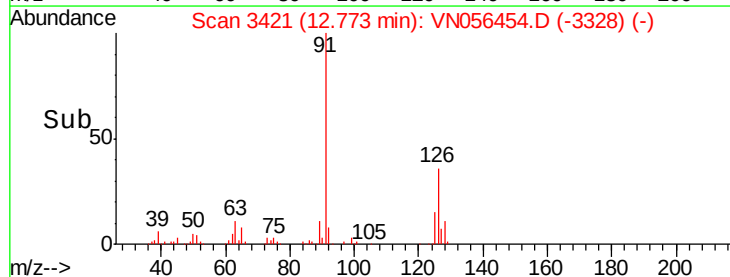
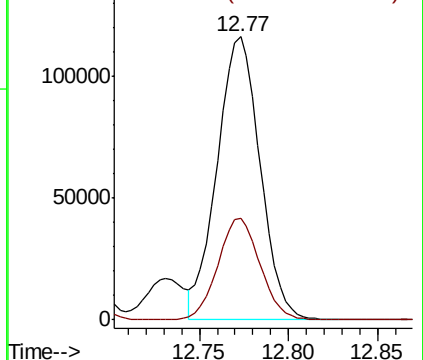
91 100

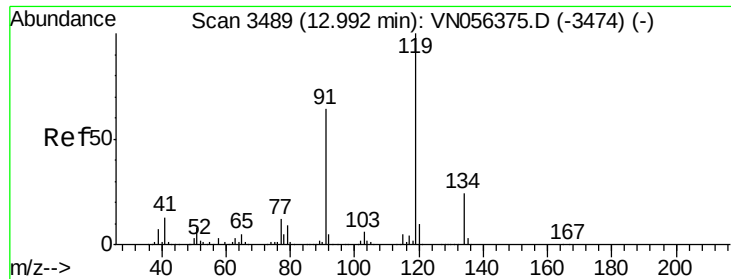
126 35.3 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 23.403 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

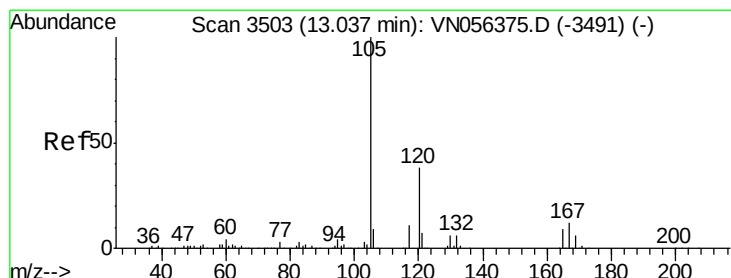
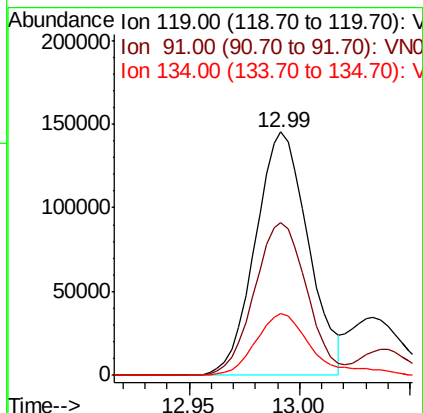
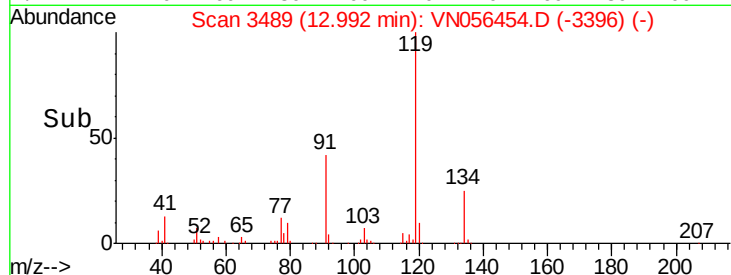
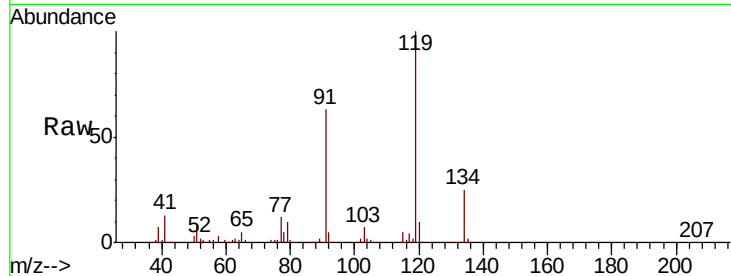
Tot Ion:119 Resp: 242331

Ion Ratio Lower Upper

119 100

91 62.2 31.6 94.7

134 27.2 13.2 39.5



#84

1,2,4-Trimethylbenzene

Concen: 20.893 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN056454.D

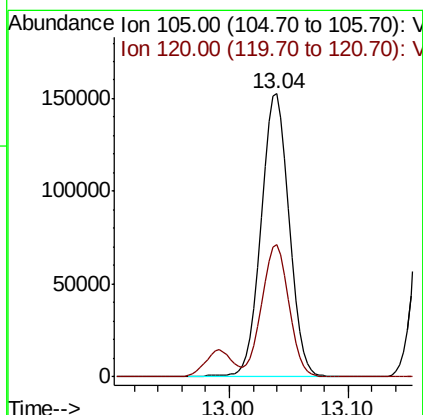
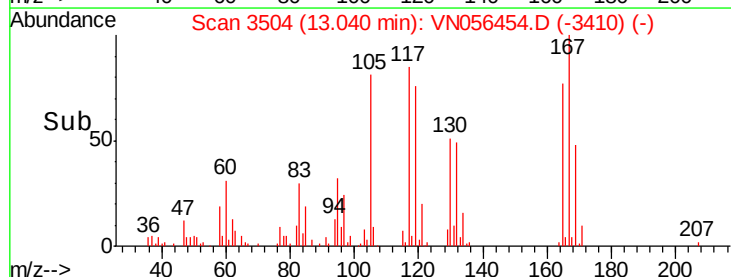
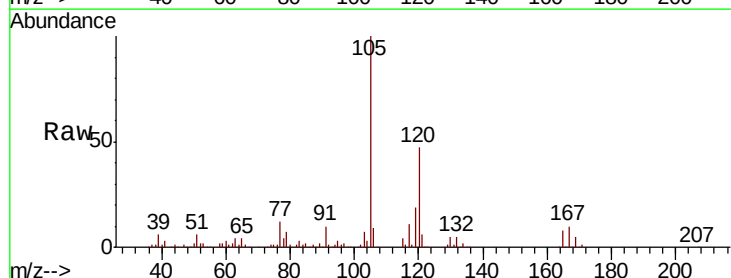
Acq: 24 Jun 2019 14:36

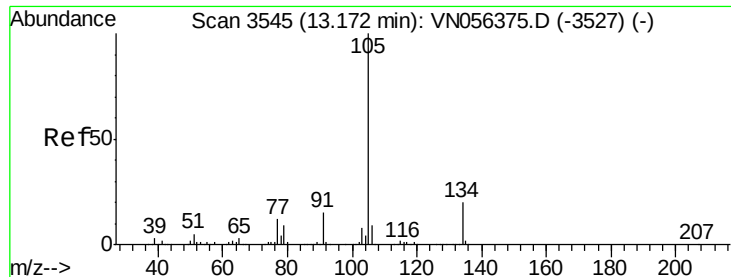
Tgt Ion:105 Resp: 249894

Ion Ratio Lower Upper

105 100

120 45.3 22.9 68.8





#85

sec-Butylbenzene

Concen: 21.015 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

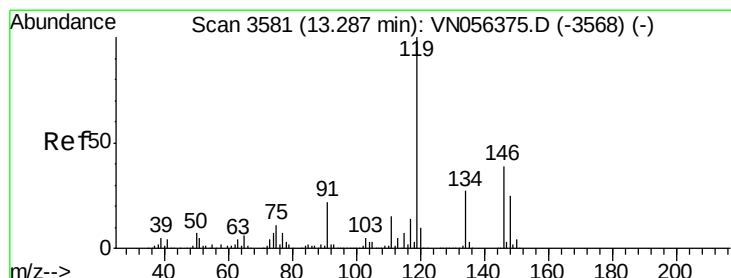
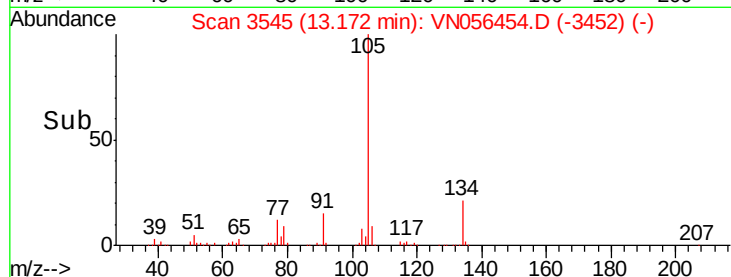
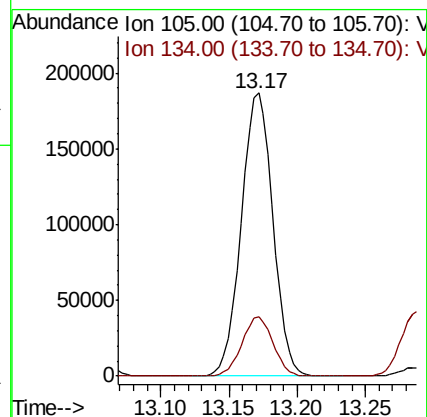
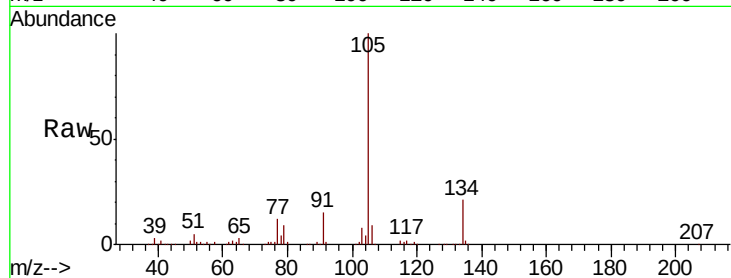
VN0624WBSD01

Tot Ion:105 Resp: 300538

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.317 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

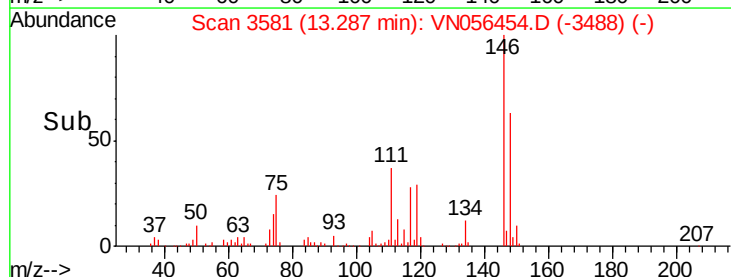
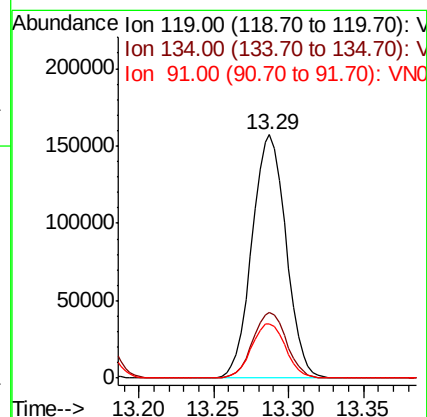
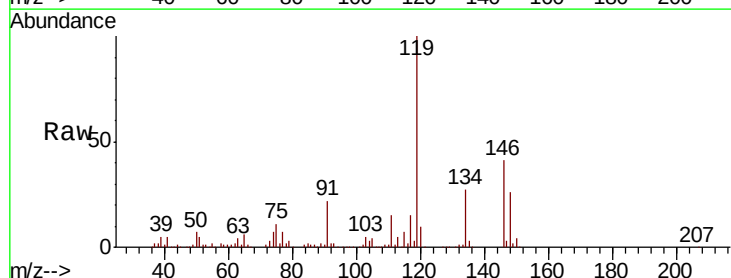
Tgt Ion:119 Resp: 249358

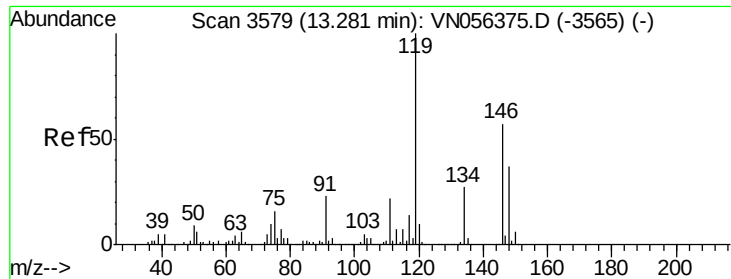
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 22.5 11.2 33.5

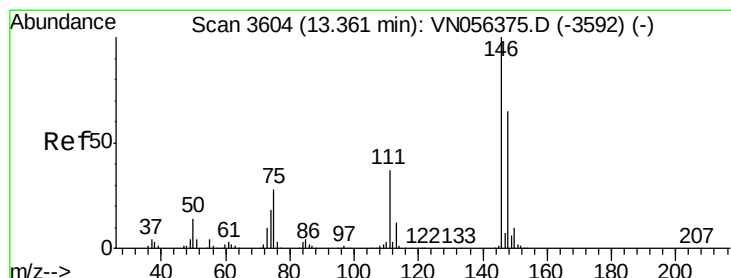
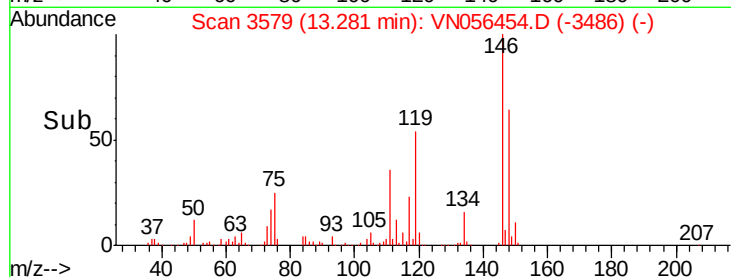
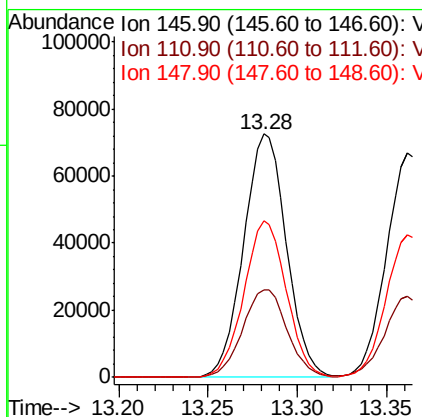
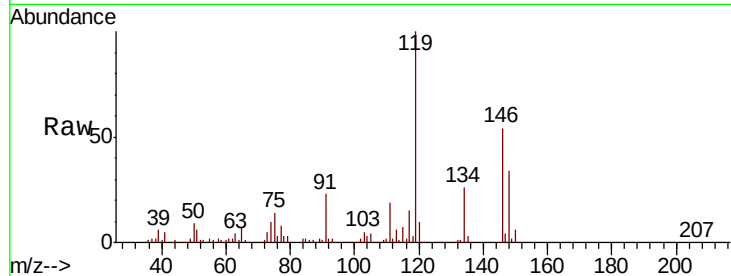




#87
 1,3-Dichlorobenzene
 Concen: 20.191 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

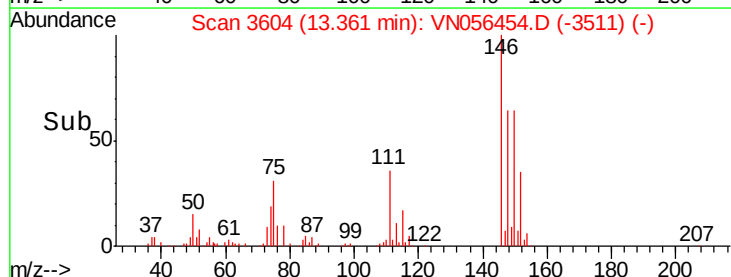
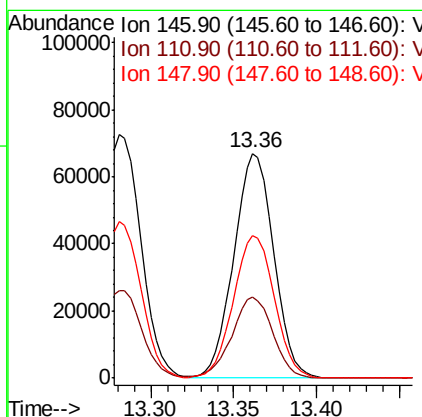
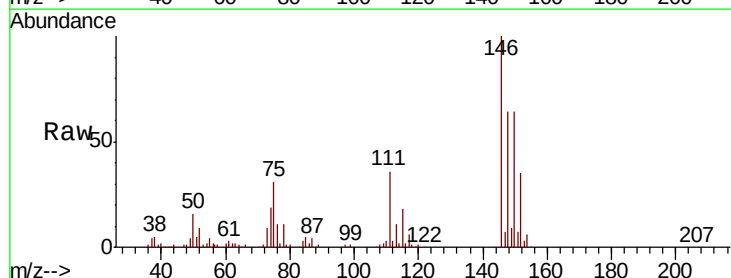
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

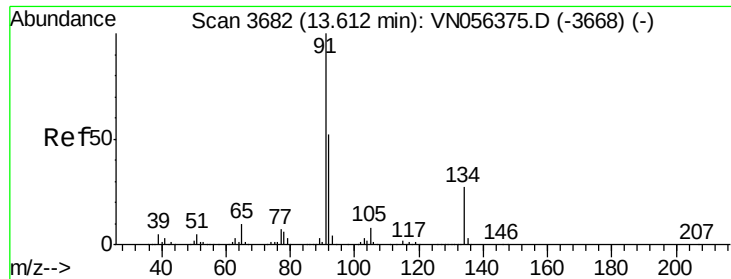
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.9
148	63.6	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.295 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.4
148	65.0	32.4	97.0





#89

n-Butylbenzene

Concen: 17.729 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

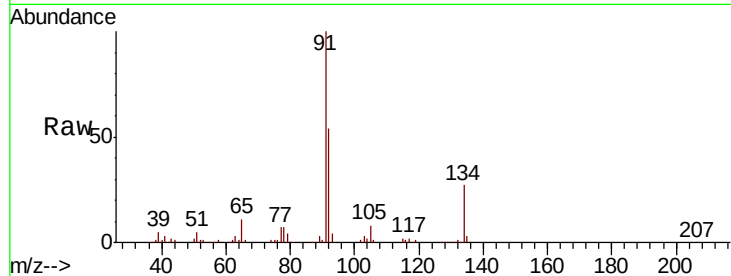
Tot Ion: 91 Resp: 164722

Ion Ratio Lower Upper

91 100

92 53.3 26.2 78.5

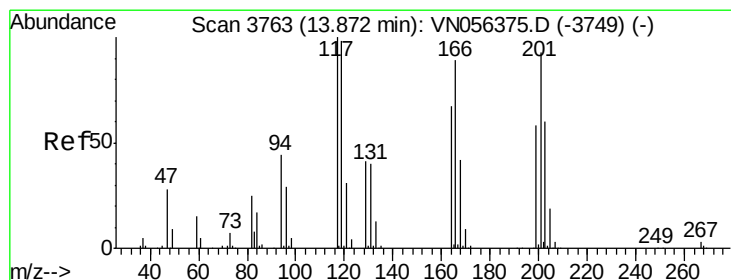
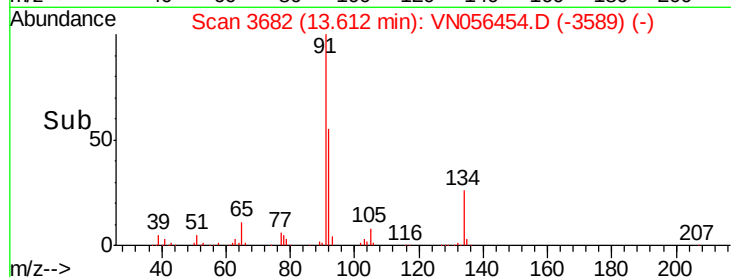
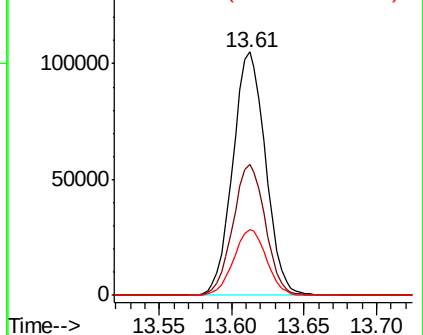
134 27.0 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.521 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056454.D

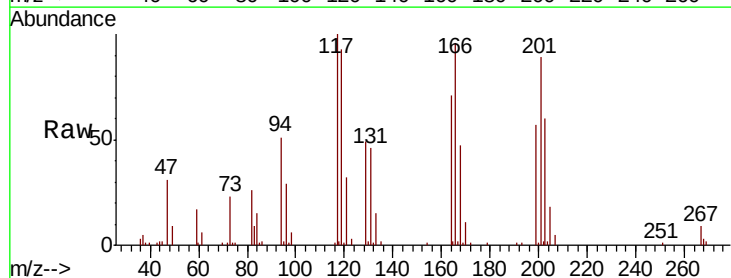
Acq: 24 Jun 2019 14:36

Tgt Ion: 117 Resp: 41179

Ion Ratio Lower Upper

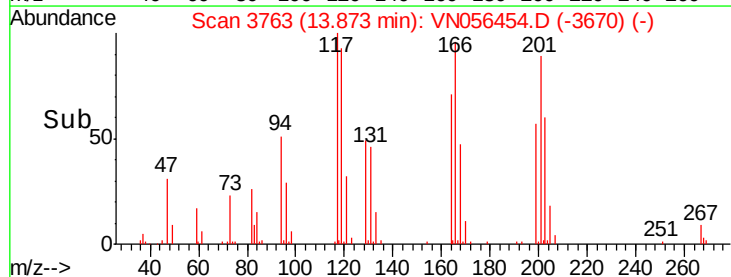
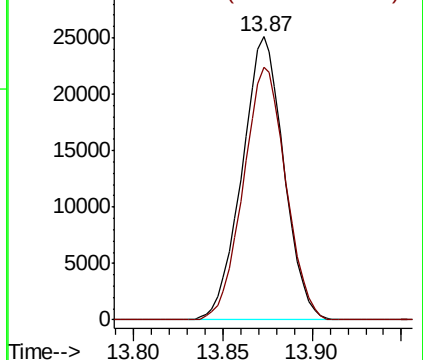
117 100

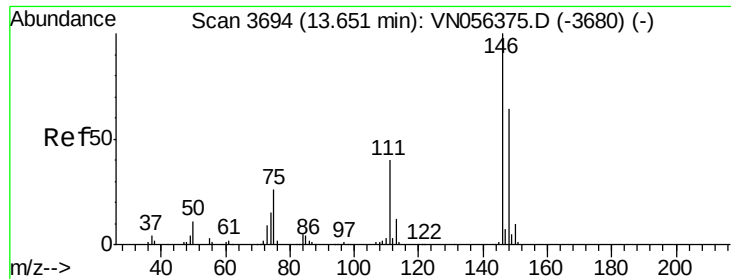
201 90.7 45.9 137.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

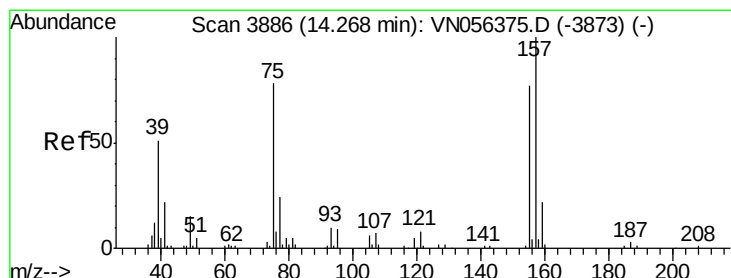
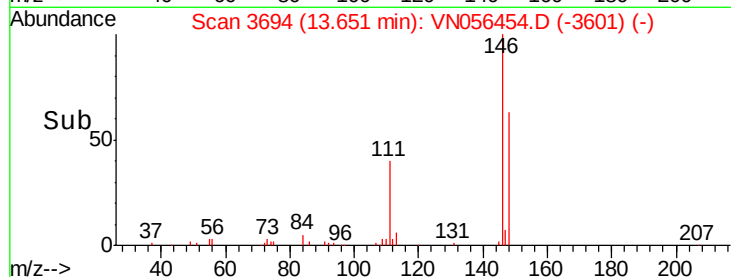
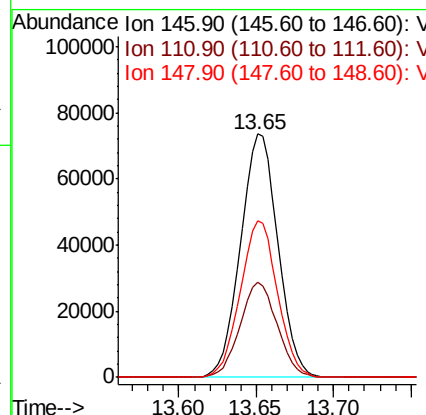
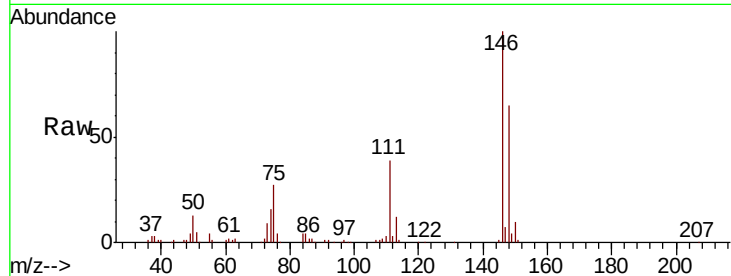




#91
 1,2-Dichlorobenzene
 Concen: 20.661 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

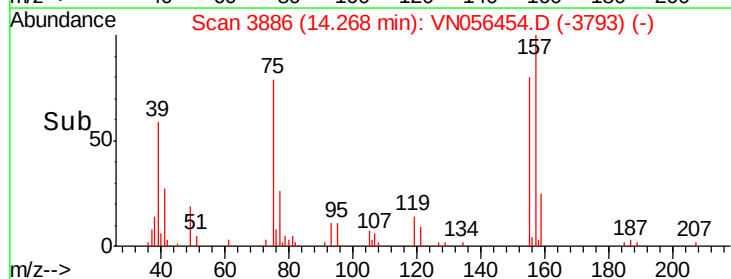
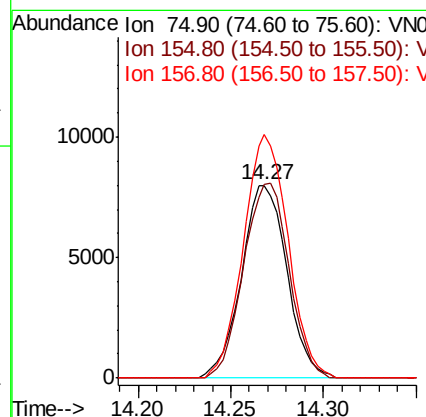
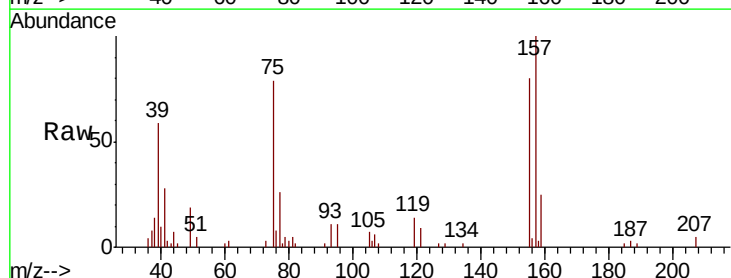
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

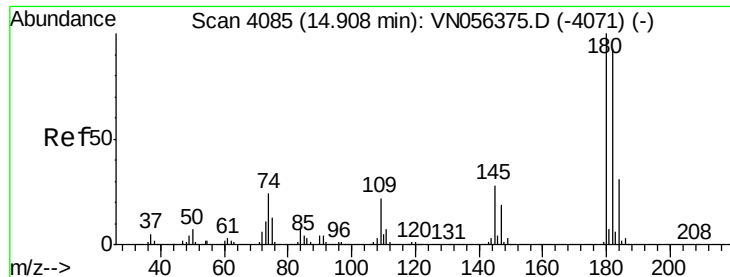
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	63.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.812 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.0	48.9	146.8
157	124.0	62.9	188.8

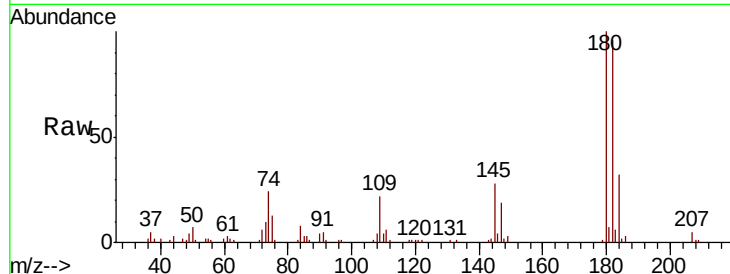




#93
 1,2,4-Trichlorobenzene
 Concen: 16.500 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.9	140.6
145	28.2	14.4	43.0

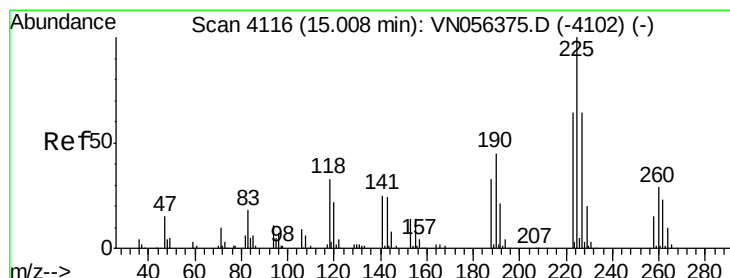
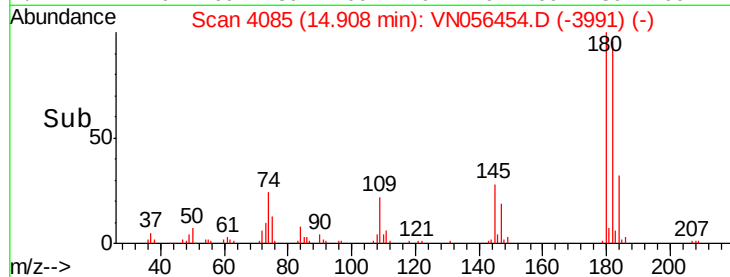
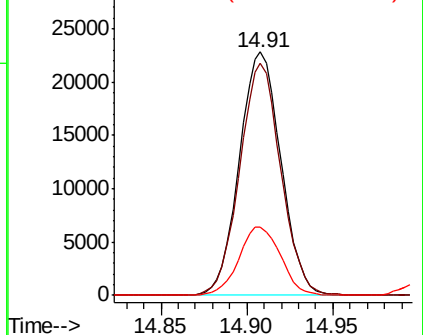


Abundance

Ion 179.80 (179.50 to 180.50): V

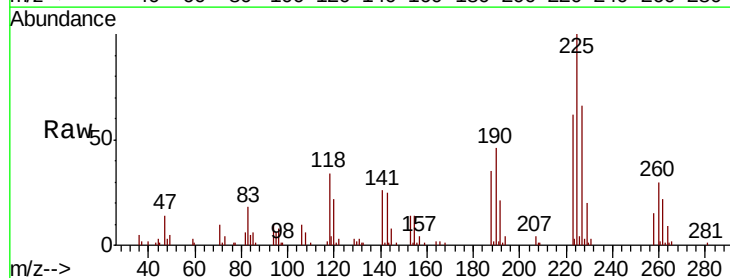
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.106 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056454.D
 Acq: 24 Jun 2019 14:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.4	94.3
227	64.4	32.1	96.3

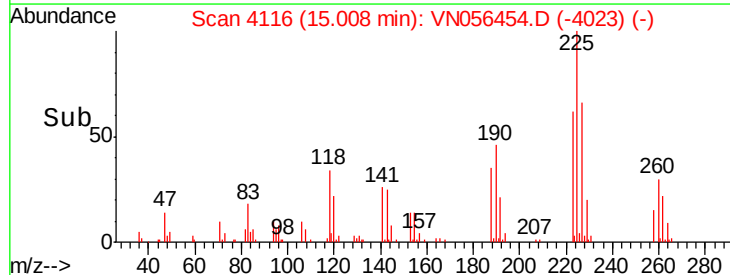
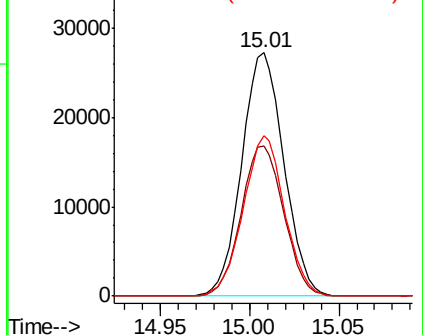


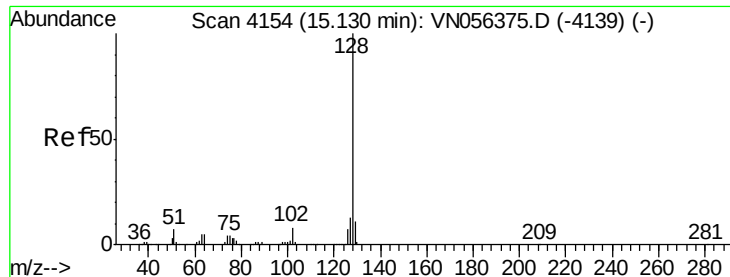
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.255 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

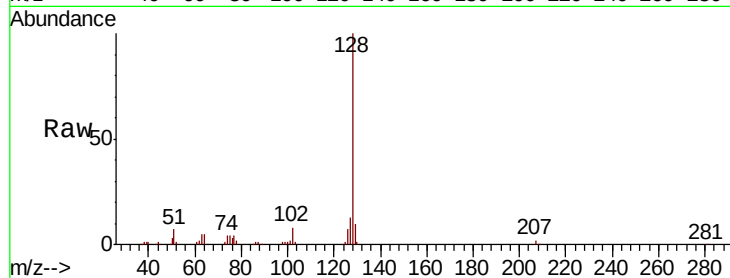
Tot Ion:128 Resp: 109084

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

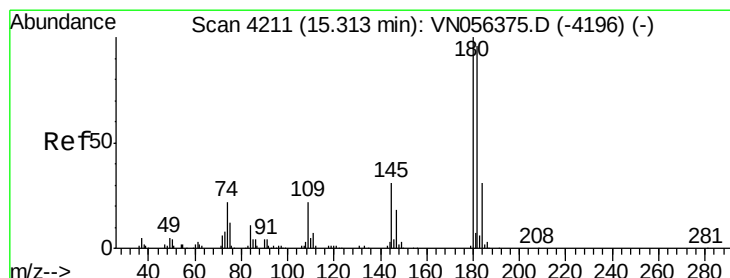
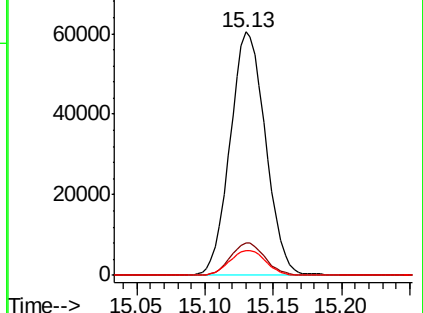
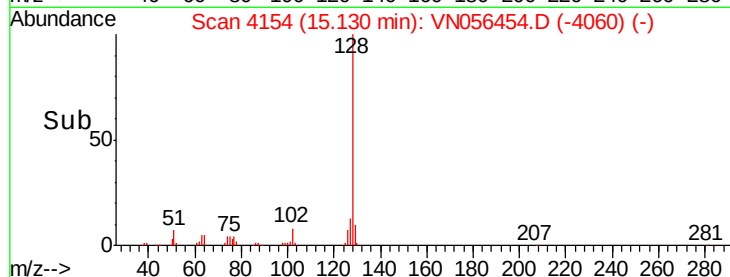
129 10.3 8.6 12.8



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: 17.577 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056454.D

Acq: 24 Jun 2019 14:36

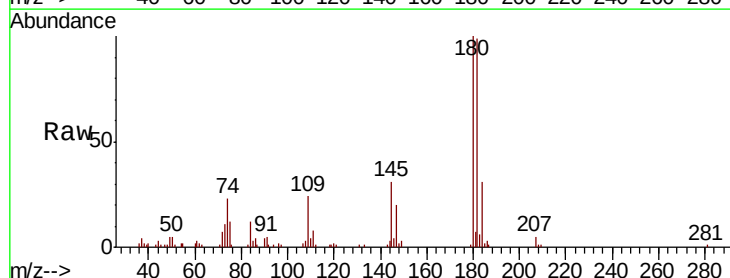
Tgt Ion:180 Resp: 46363

Ion Ratio Lower Upper

180 100

182 93.7 48.3 144.8

145 29.8 15.4 46.1



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

