

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055507.D
 Acq On : 9 May 2019 19:24
 Operator : JC/SP
 Sample : K2754-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 04:17:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	876692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1475789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1234539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	348384	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	600815	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
35) Dibromofluoromethane	7.59	113	462890	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
50) Toluene-d8	10.09	98	1800995	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	518099	41.42	ug/l	0.00
Spiked Amount			Recovery	=	82.84%	

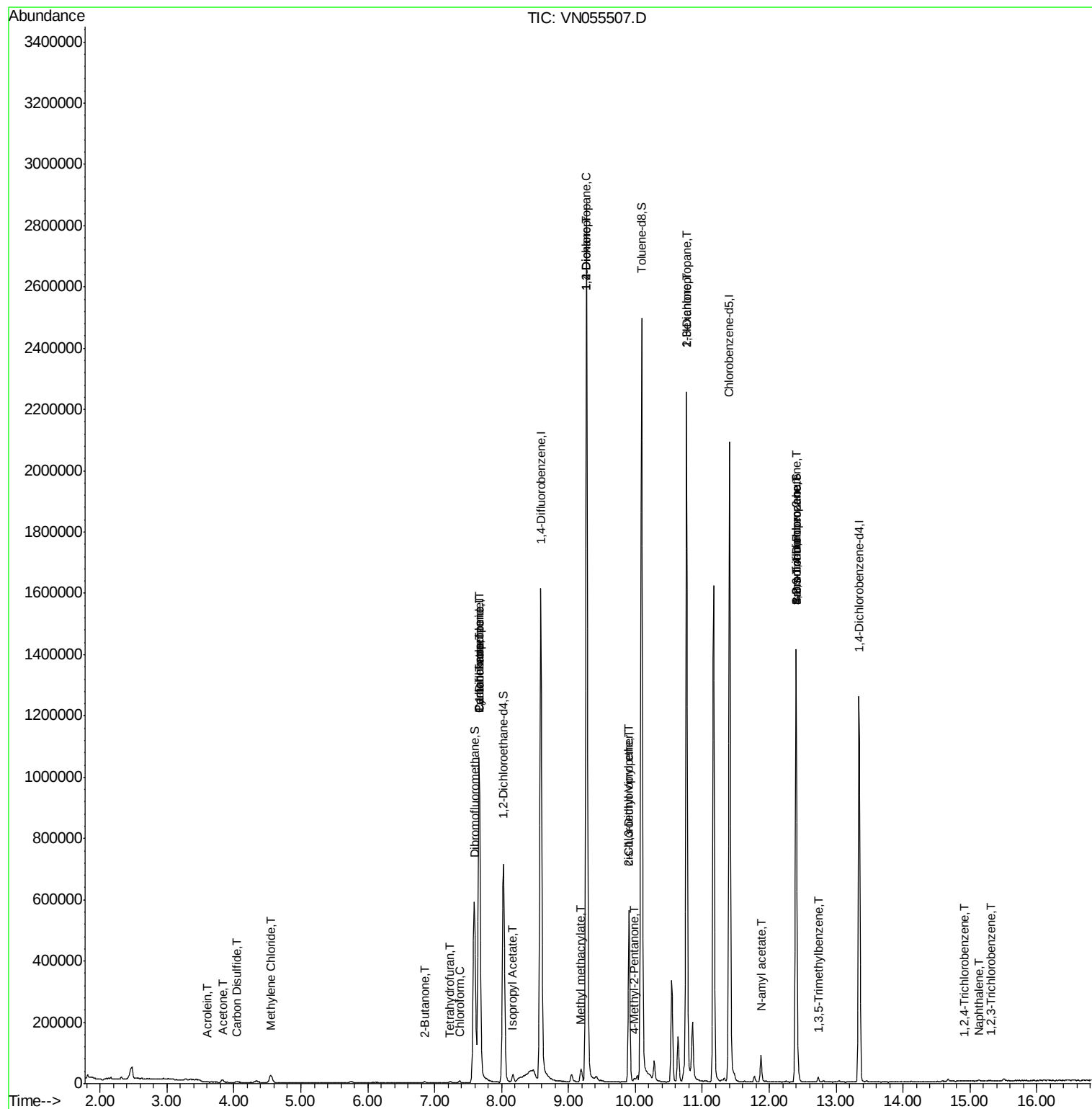
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	284	0.219	ug/l	84
16) Acetone	3.83	43	13190	2.158	ug/l	91
17) Carbon Disulfide	4.05	76	7027	0.269	ug/l	98
18) Methyl Acetate	4.34	43	10264	Below Cal	#	86
20) Methylene Chloride	4.54	84	18828	1.506	ug/l #	86
25) 2-Butanone	6.85	43	2158	0.256	ug/l	93
29) Tetrahydrofuran	7.23	42	2315	0.415	ug/l #	55
30) Chloroform	7.37	83	5659	0.284	ug/l #	76
31) Cyclohexane	7.67	56	18688	0.877	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	72206	4.966	ug/l #	50
38) Carbon Tetrachloride	7.66	117	83864	6.850	ug/l #	16
43) Isopropyl Acetate	8.17	43	29891	1.241	ug/l	96
45) 1,2-Dichloropropane	9.27	63	3795	0.294	ug/l #	45
48) Methyl methacrylate	9.18	41	17477	1.505	ug/l #	16
49) 1,4-Dioxane	9.27	88	232	1.025	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	8238	0.520	ug/l	99
54) cis-1,3-Dichloropropene	9.91	75	97399	5.928	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	22857	1.232	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.90	63	460	12.595	ug/l #	52
59) 2-Hexanone	10.76	43	330808	29.767	ug/l #	53
71) Bromoform	12.39	173	1237	0.210	ug/l #	1
73) Isopropylbenzene	12.25	105	580	Below Cal	#	49
74) N-ethyl acetate	11.88	43	30965	2.341	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.41	83	186	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	262373	27.664	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6628	0.238	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	262373	102.077	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.91	180	397	3.277	ug/l	65
94) Hexachlorobutadiene	15.01	225	228	Below Cal		73
95) Naphthalene	15.13	128	1339	3.024	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.31	180	555	2.517	ug/l #	51

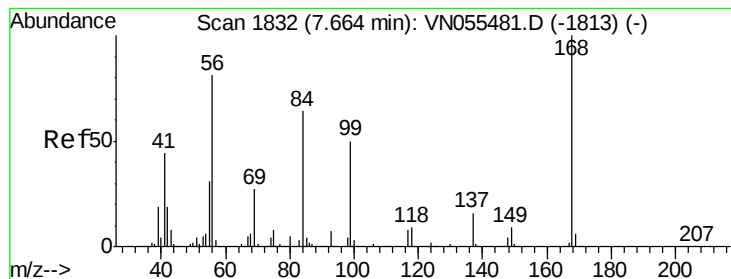
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

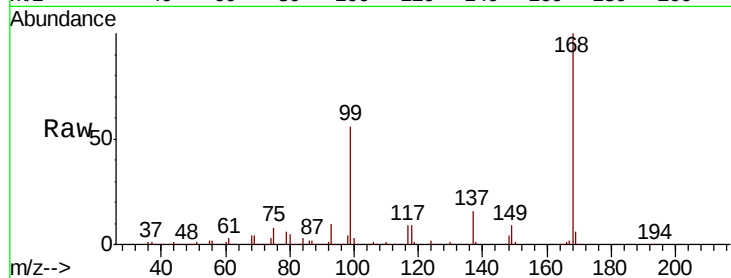
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 876692

Ion Ratio Lower Upper

168 100

99 56.4 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

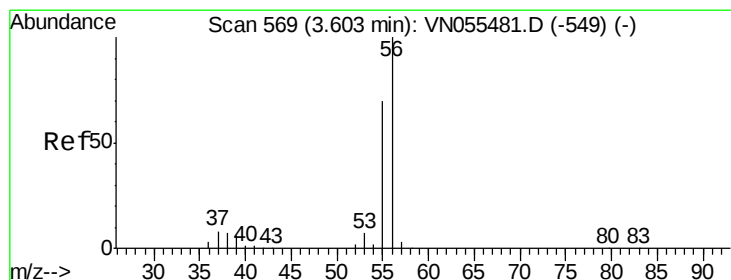
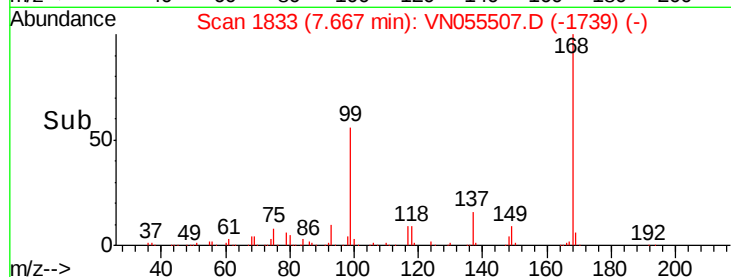
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.219 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN055507.D

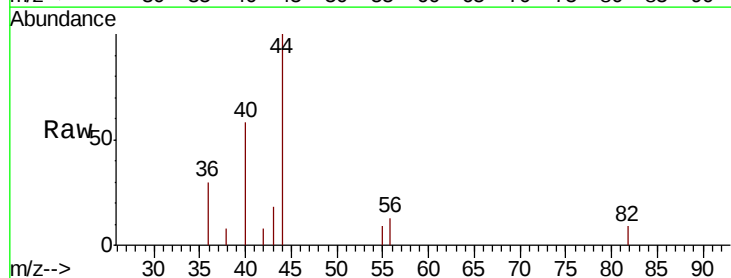
Acq: 9 May 2019 19:24

Tgt Ion: 56 Resp: 284

Ion Ratio Lower Upper

56 100

55 85.6 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.61

300

250

200

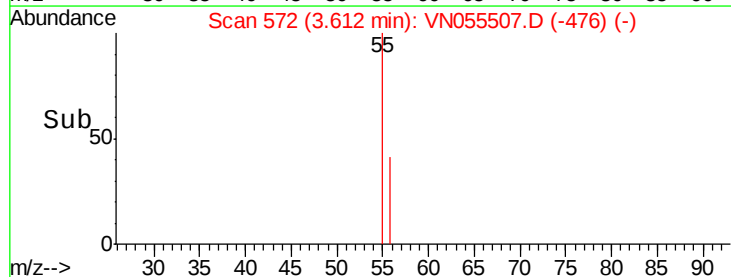
150

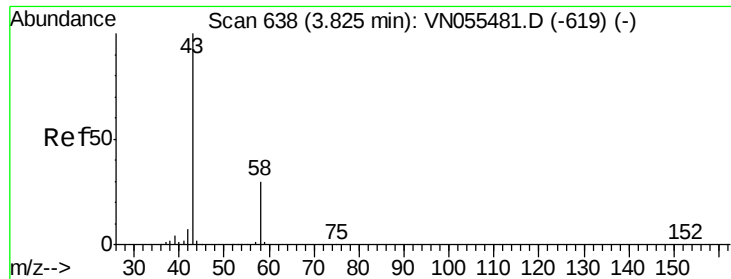
100

50

0

Time-->





#16

Acetone

Concen: 2.158 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Instrument :

MSVOA_N

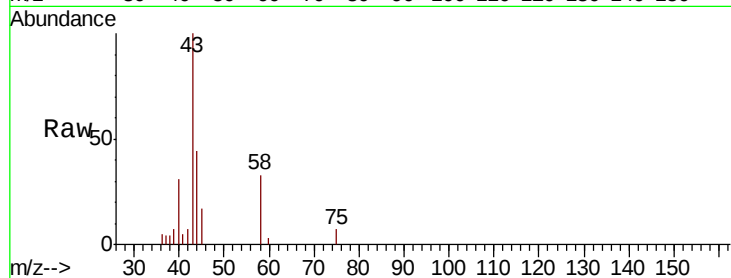
ClientSampled :

Tot Ion: 43 Resp: 13190

Ion Ratio Lower Upper

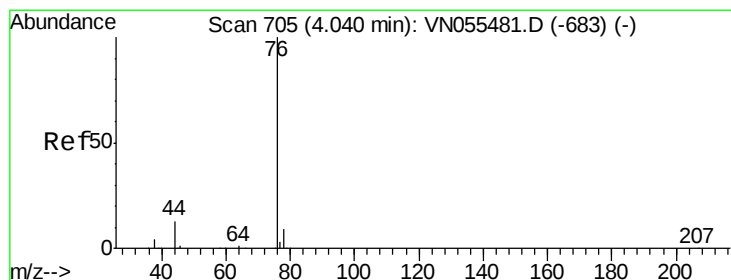
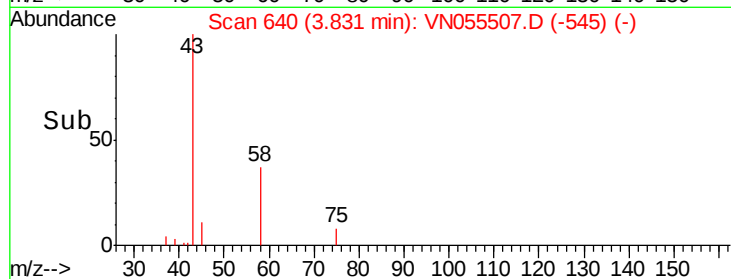
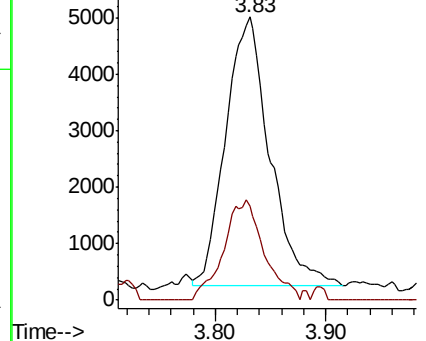
43 100

58 35.2 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.269 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VN055507.D

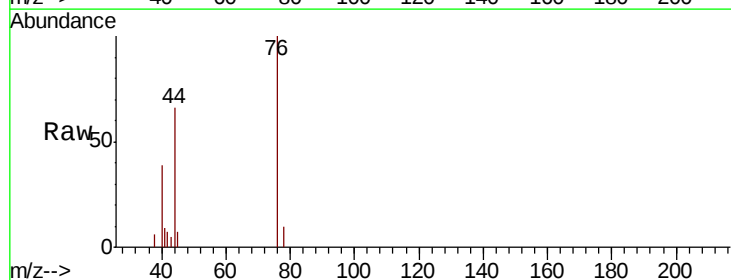
Acq: 9 May 2019 19:24

Tgt Ion: 76 Resp: 7027

Ion Ratio Lower Upper

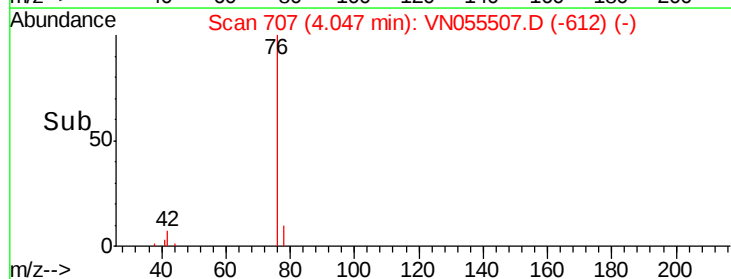
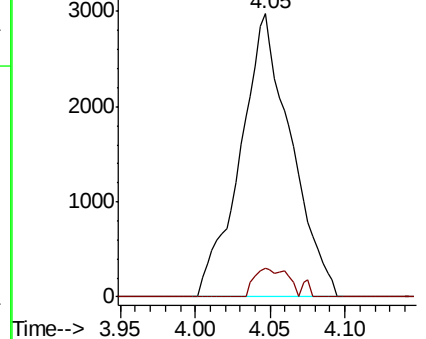
76 100

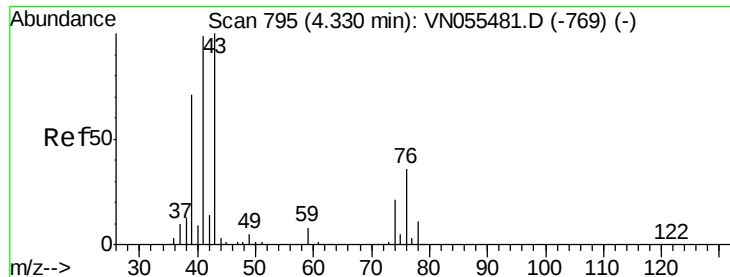
78 10.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

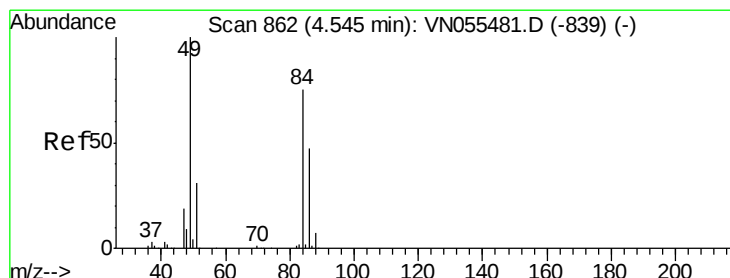
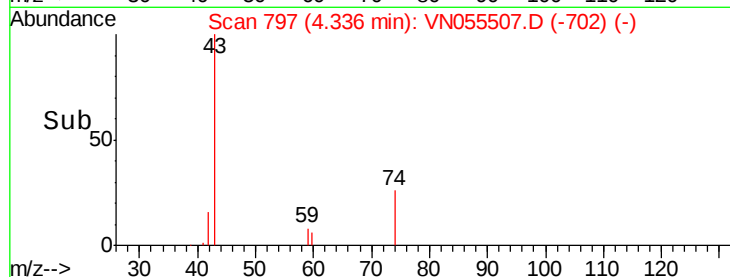
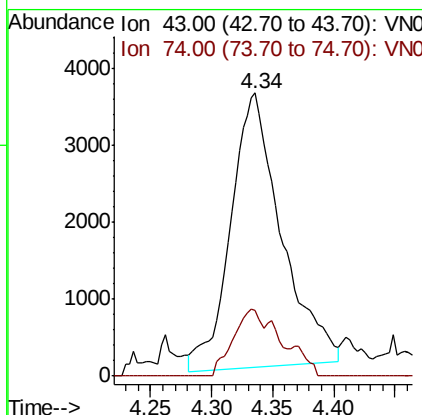
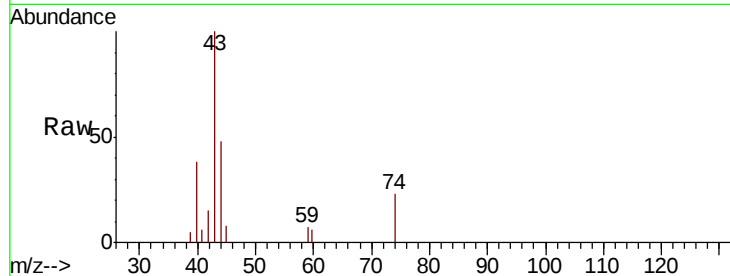




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055507.D
Acq: 9 May 2019 19:24

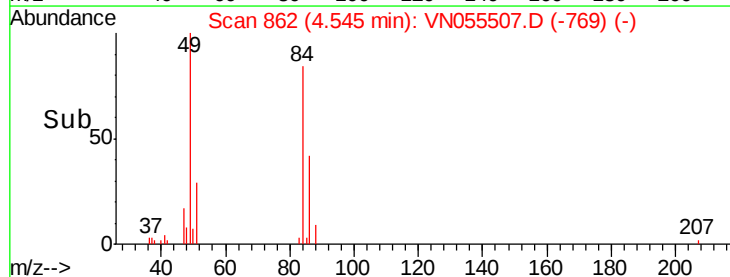
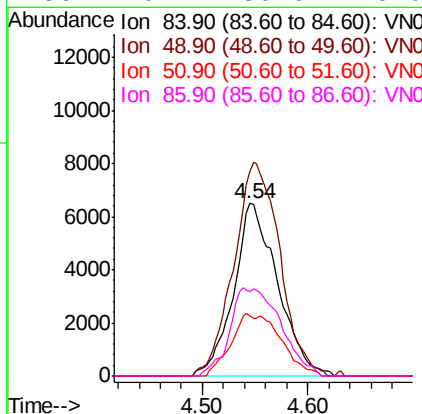
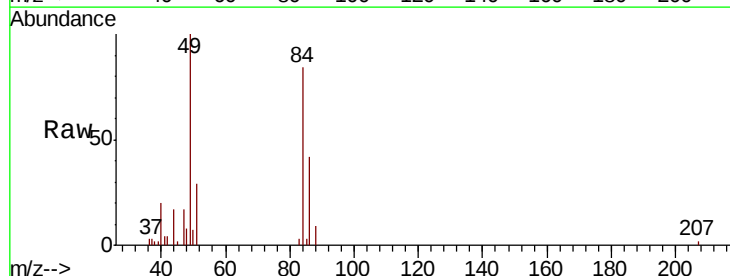
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MSVOA_N
ClientSampleId :

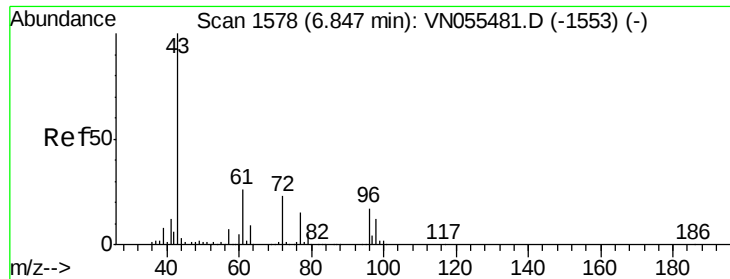
Tot Ion: 43 Resp: 10264
Ion Ratio Lower Upper
43 100
74 13.8 16.3 24.5#



#20
Methylene Chloride
Concen: 1.506 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055507.D
Acq: 9 May 2019 19:24

Tgt Ion: 84 Resp: 18828
Ion Ratio Lower Upper
84 100
49 118.4 107.0 160.6
51 34.8 33.0 49.4
86 49.2 50.6 76.0#

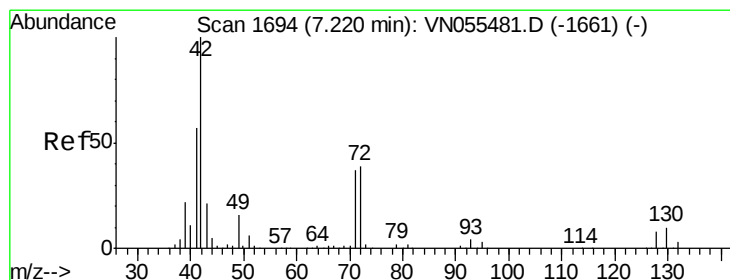
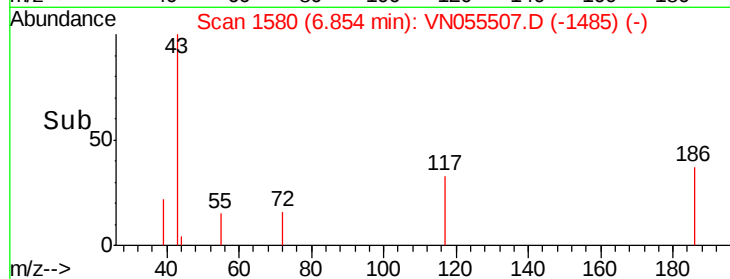
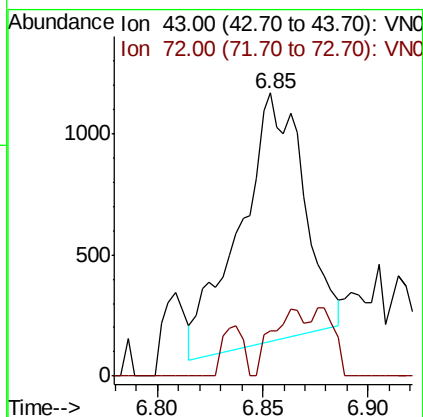
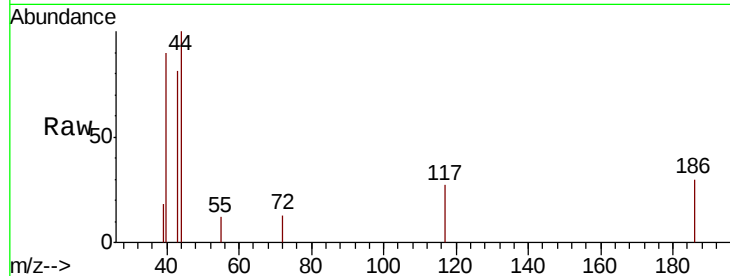




#25
 2-Butanone
 Concen: 0.256 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: VN055507.D
 Acq: 9 May 2019 19:24

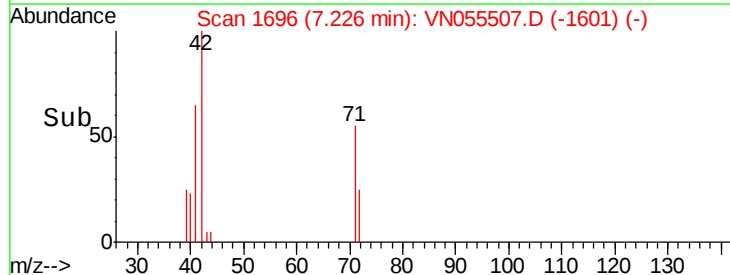
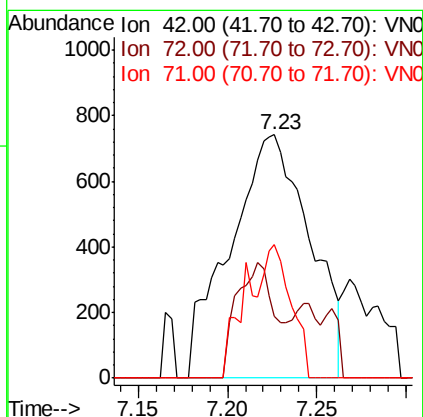
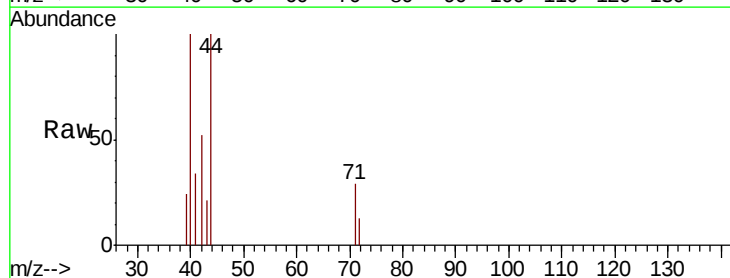
Instrument :
 MSVOA_N
 ClientSampled :

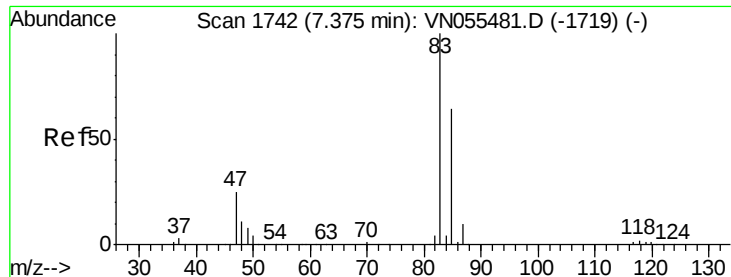
Tot Ion: 43 Resp: 2158
 Ion Ratio Lower Upper
 43 100
 72 19.6 18.6 27.8



#29
 Tetrahydrofuran
 Concen: 0.415 ug/l
 RT: 7.23 min Scan# 1696
 Delta R.T. 0.01 min
 Lab File: VN055507.D
 Acq: 9 May 2019 19:24

Tgt Ion: 42 Resp: 2315
 Ion Ratio Lower Upper
 42 100
 72 2.5 31.0 46.6#
 71 19.1 29.4 44.2#

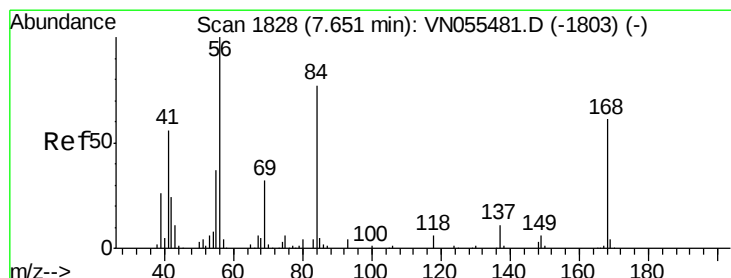
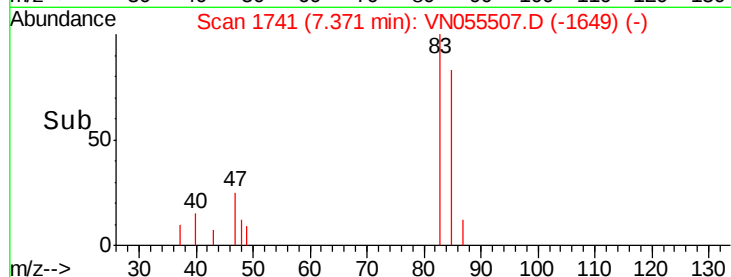
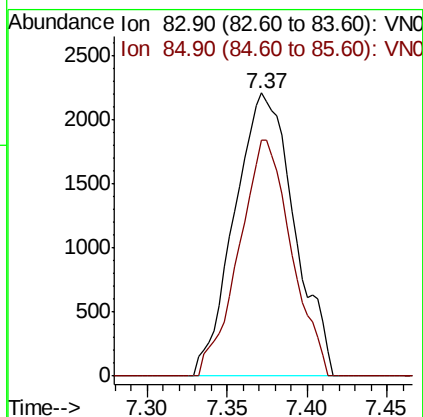
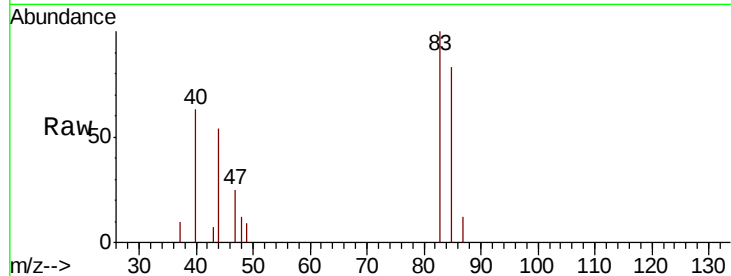




#30
Chloroform
Concen: 0.284 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055507.D
Acq: 9 May 2019 19:24

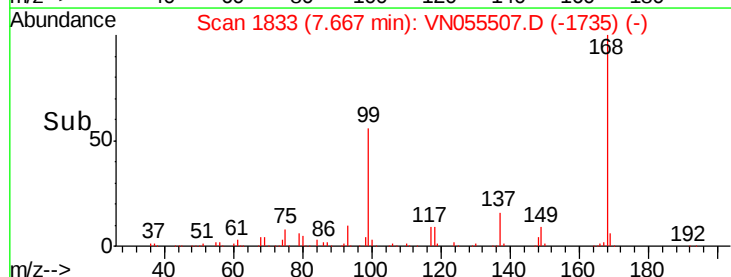
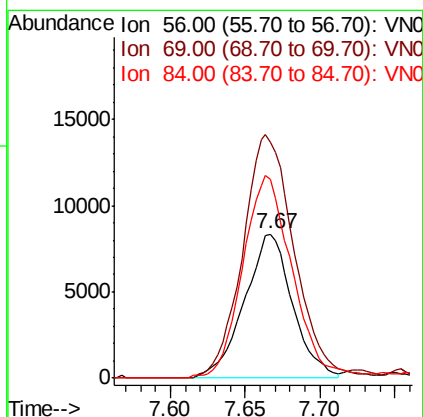
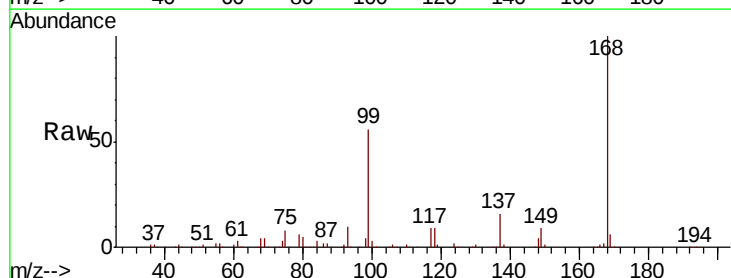
Instrument :
MSVOA_N
ClientSampled :

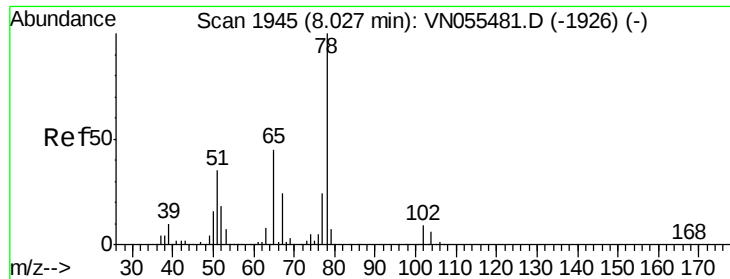
Tot Ion: 83 Resp: 5659
Ion Ratio Lower Upper
83 100
85 83.2 51.3 76.9#



#31
Cyclohexane
Concen: 0.877 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN055507.D
Acq: 9 May 2019 19:24

Tgt Ion: 56 Resp: 18688
Ion Ratio Lower Upper
56 100
69 163.5 26.0 39.0#
84 137.8 61.9 92.9#

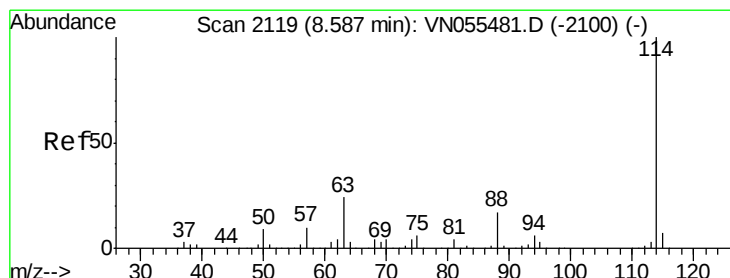
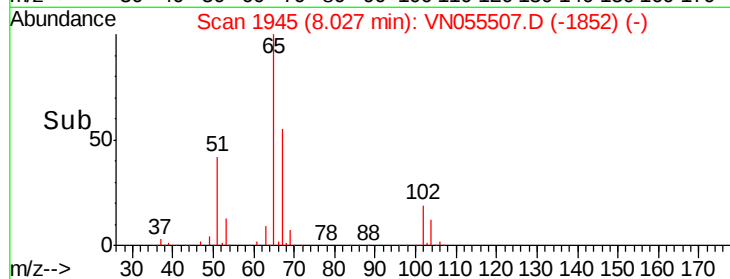
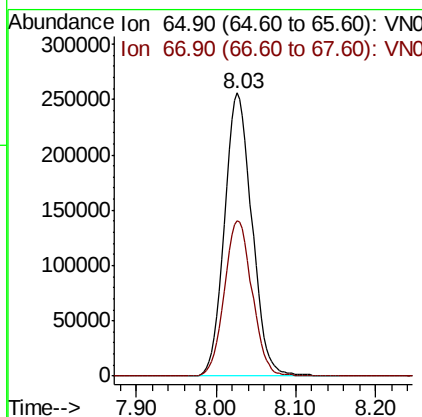
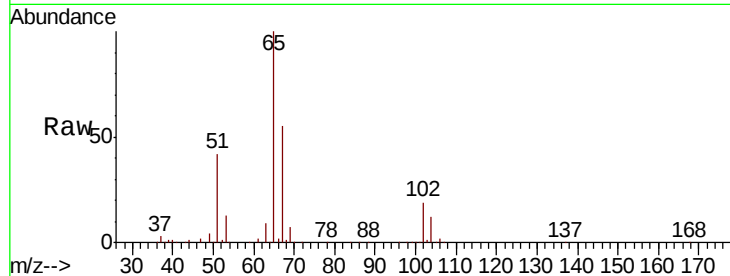




#33
 1,2-Dichloroethane-d4
 Concen: 45.516 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055507.D
 Acq: 9 May 2019 19:24

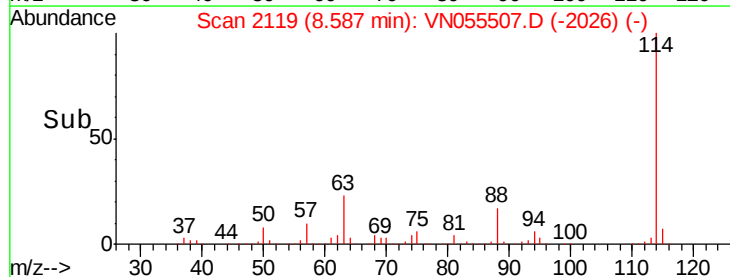
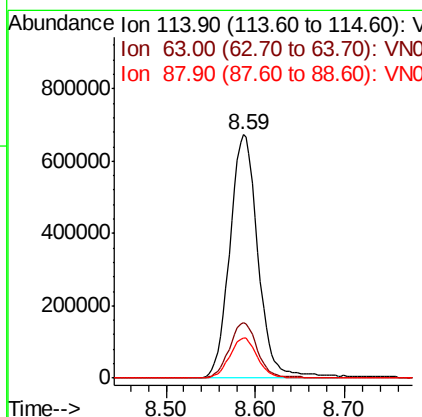
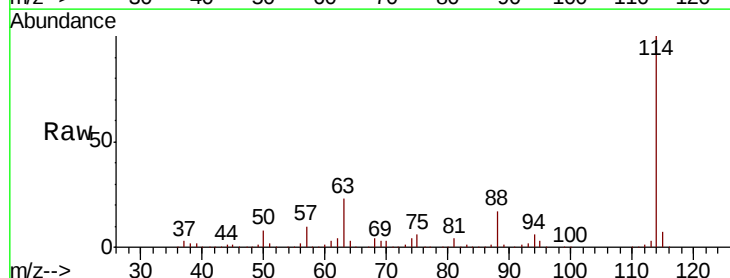
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 MSVOA_N
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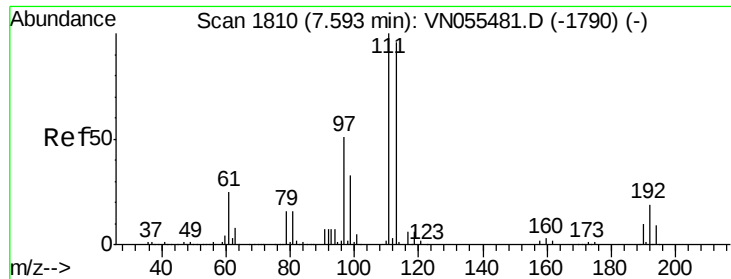
Tot Ion: 65 Resp: 600815
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055507.D
 Acq: 9 May 2019 19:24

Tgt Ion: 114 Resp: 1475789
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.4
 88 16.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 48.623 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Instrument :
MSVOA_N
ClientSampleId :

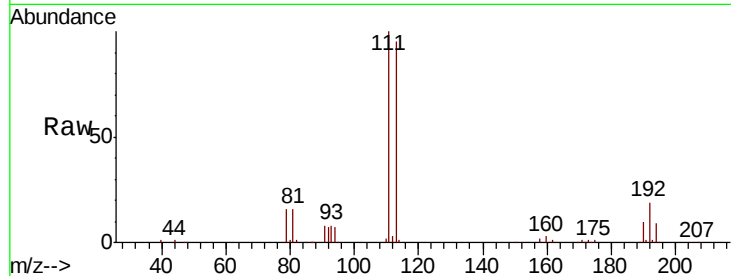
Tot Ion:113 Resp: 462890

Ion Ratio Lower Upper

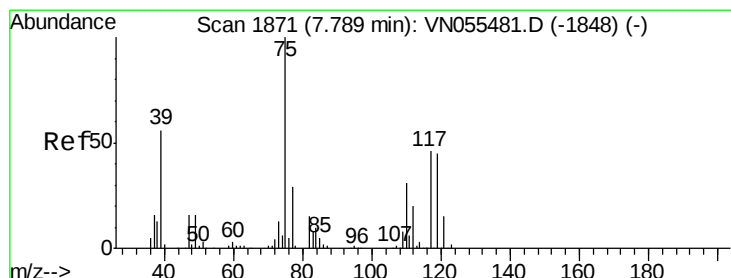
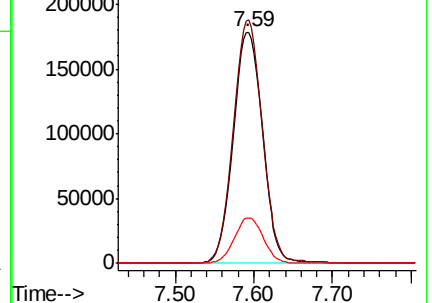
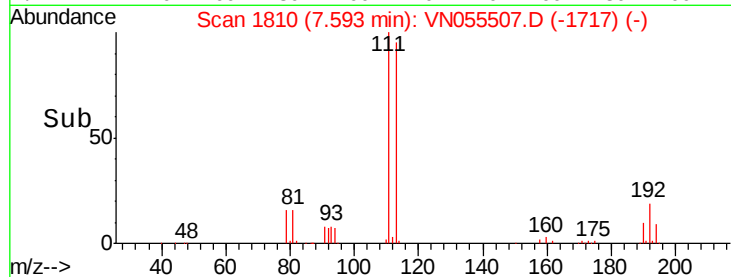
113 100

111 103.9 82.9 124.3

192 19.5 15.6 23.4



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: 4.966 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

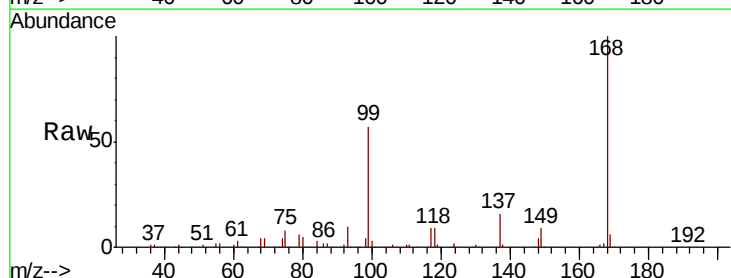
Tgt Ion: 75 Resp: 72206

Ion Ratio Lower Upper

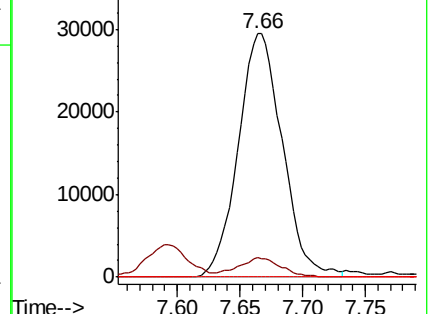
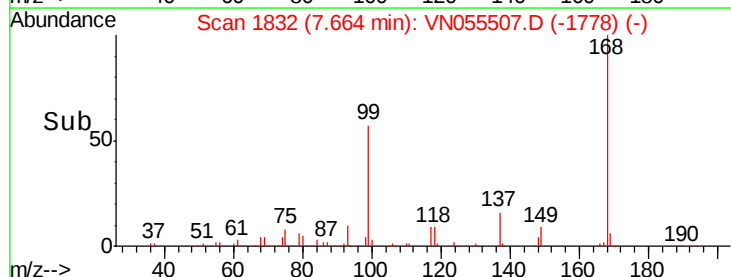
75 100

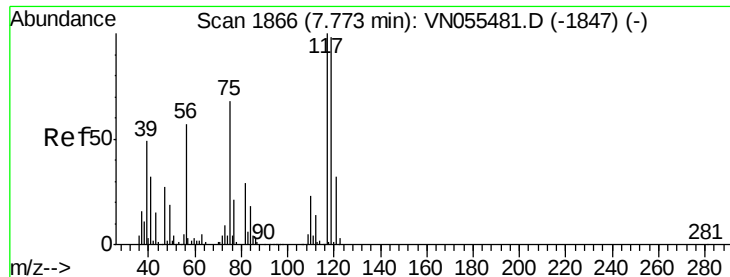
110 7.9 16.1 48.3#

77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.850 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Instrument :

MSVOA_N

ClientSampled :

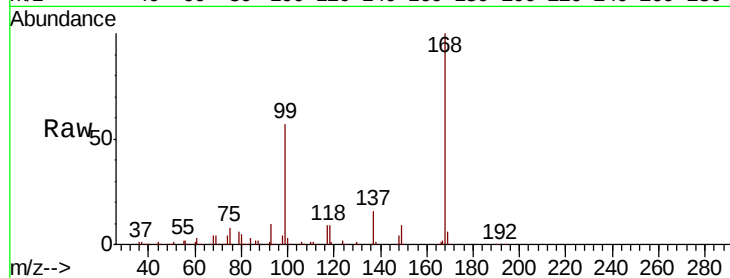
Tot Ion:117 Resp: 83864

Ion Ratio Lower Upper

117 100

119 6.3 77.8 116.6#

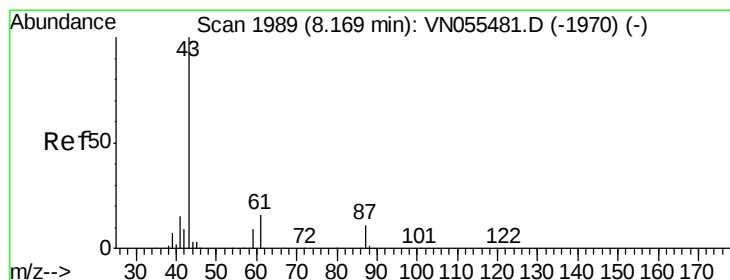
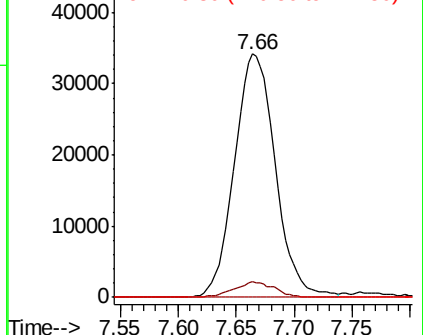
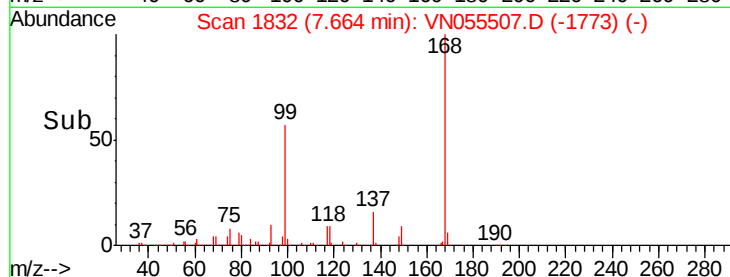
121 0.0 25.2 37.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.241 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

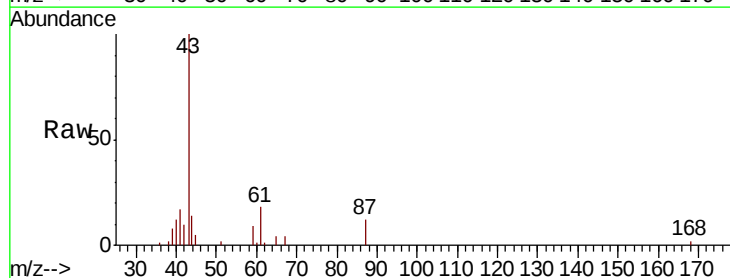
Tgt Ion: 43 Resp: 29891

Ion Ratio Lower Upper

43 100

61 20.3 15.1 22.7

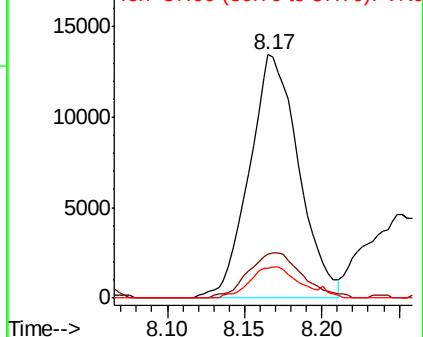
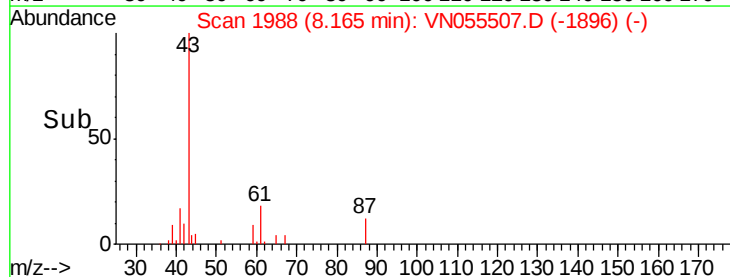
87 13.1 9.0 13.6

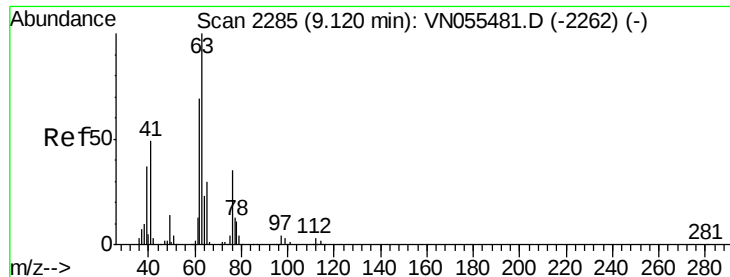


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.294 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Instrument :

MSVOA_N

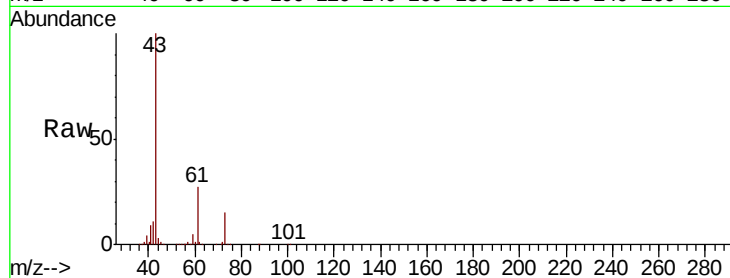
ClientSampled :

Tot Ion: 63 Resp: 3795

Ion Ratio Lower Upper

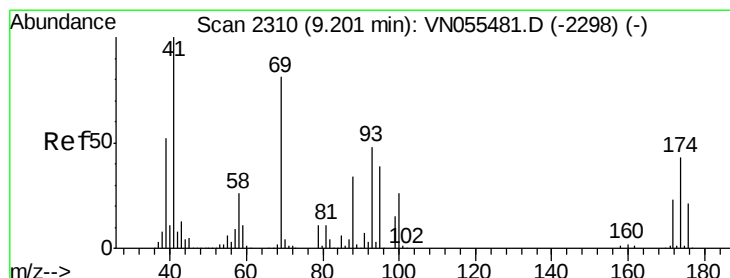
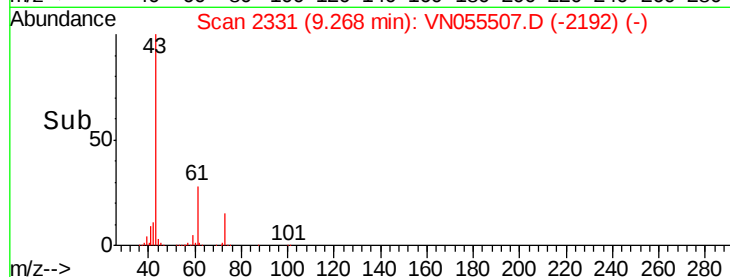
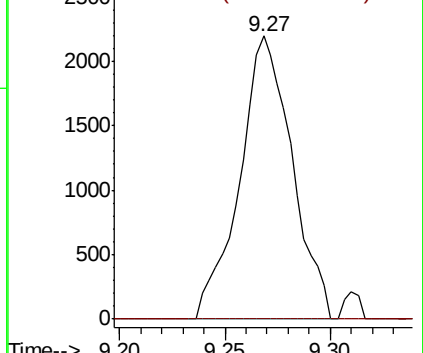
63 100

65 0.0 24.1 36.1#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.505 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

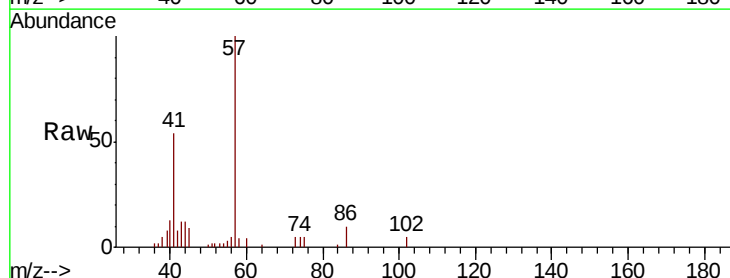
Tgt Ion: 41 Resp: 17477

Ion Ratio Lower Upper

41 100

69 0.0 64.2 96.2#

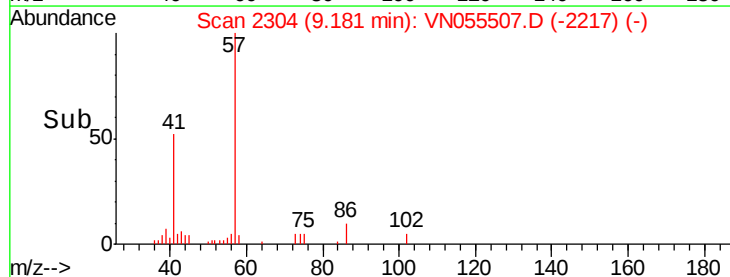
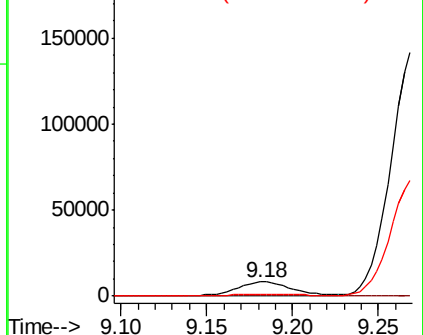
39 0.0 41.6 62.4#

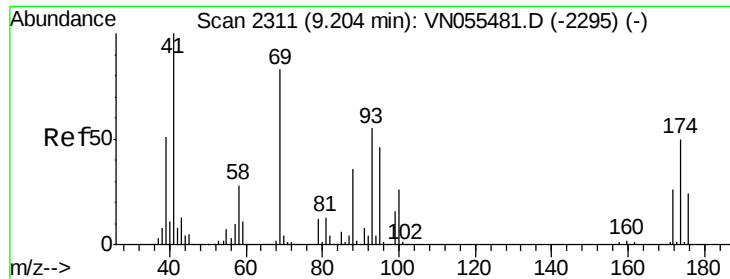


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 1.025 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.07 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Instrument :

MSVOA_N

ClientSampleId :

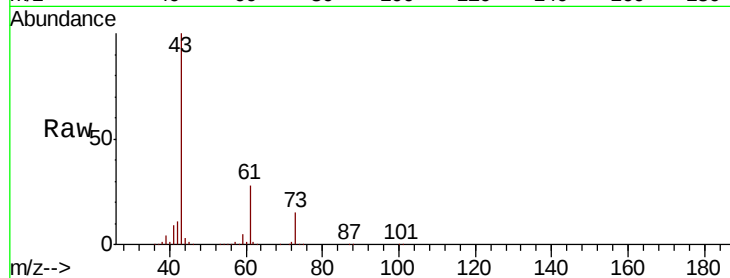
Tot Ion: 88 Resp: 232

Ion Ratio Lower Upper

88 100

43 1251358.2 27.8 41.8#

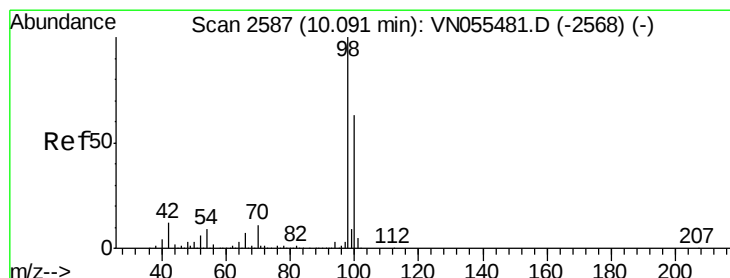
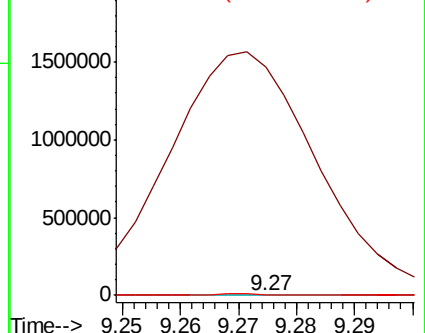
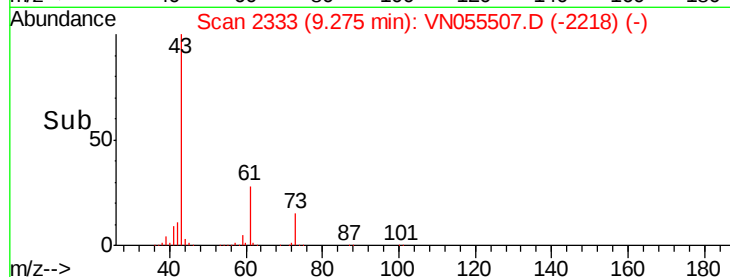
58 5494.4 61.8 92.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.546 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055507.D

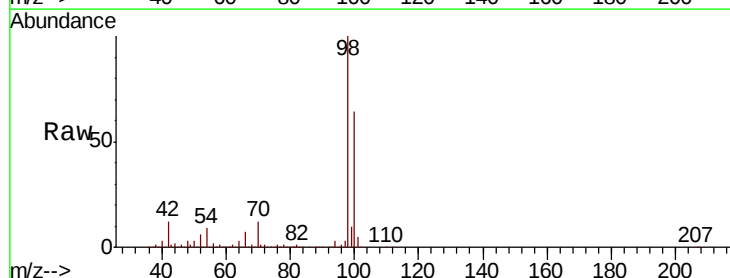
Acq: 9 May 2019 19:24

Tgt Ion: 98 Resp: 1800995

Ion Ratio Lower Upper

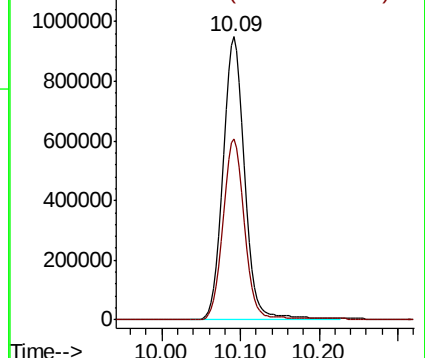
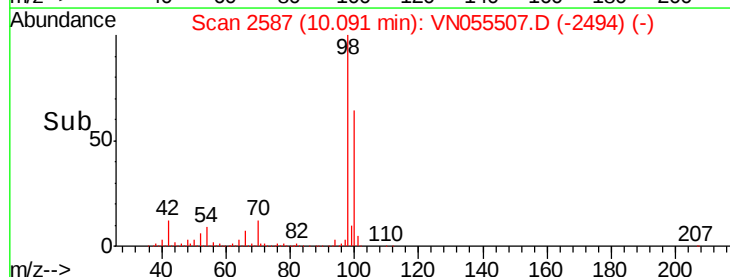
98 100

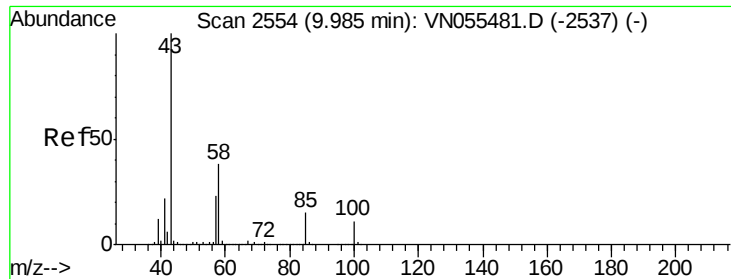
100 63.5 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.520 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

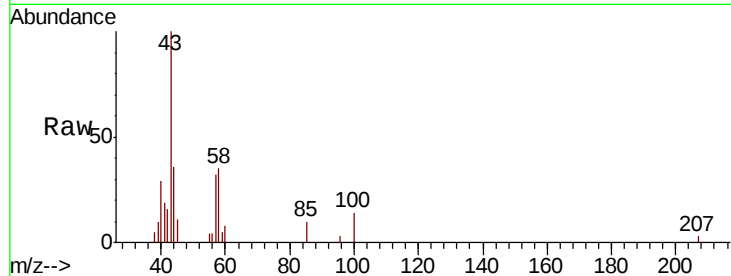
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 8238

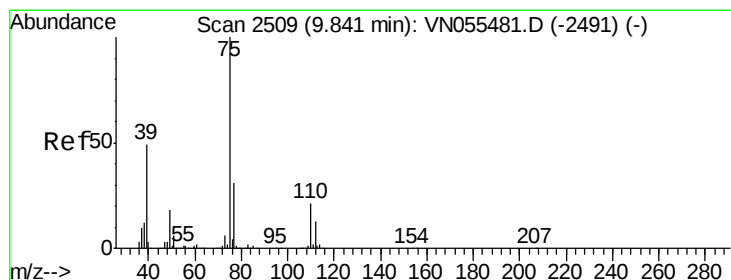
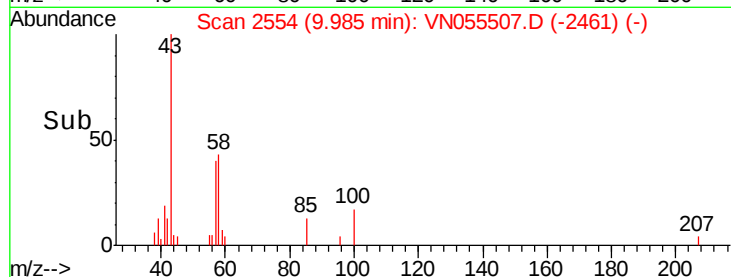
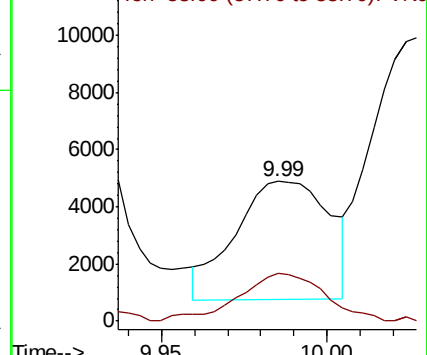
Ion Ratio Lower Upper

43 100

58 36.9 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN055507.D (-2461) (-)



#54

cis-1,3-Dichloropropene

Concen: 5.928 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

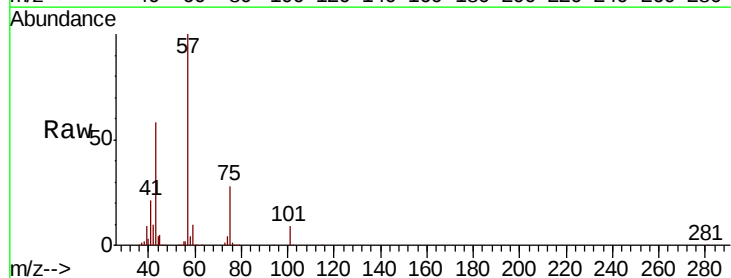
Tgt Ion: 75 Resp: 97399

Ion Ratio Lower Upper

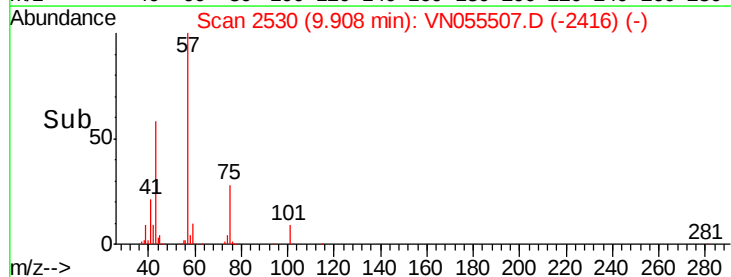
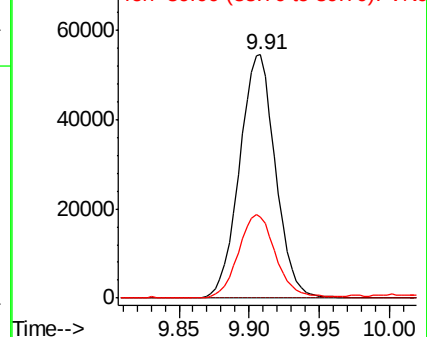
75 100

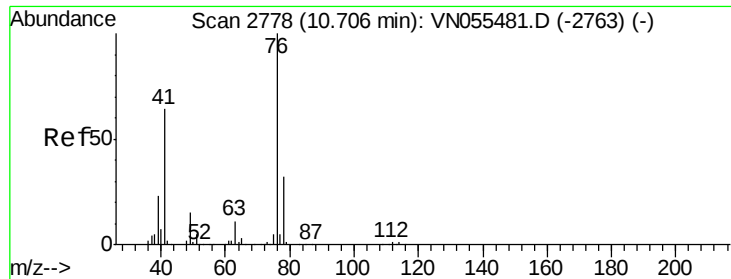
77 0.4 24.4 36.6#

39 33.5 39.5 59.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055507.D (-2416) (-)





#57

1,3-Dichloropropane

Concen: 1.232 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Instrument :

MSVOA_N

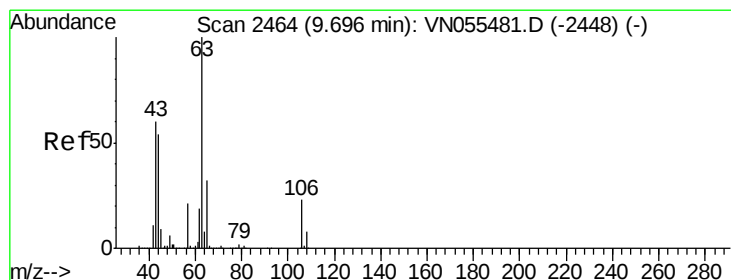
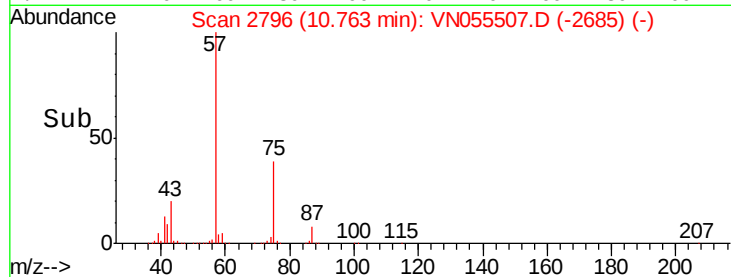
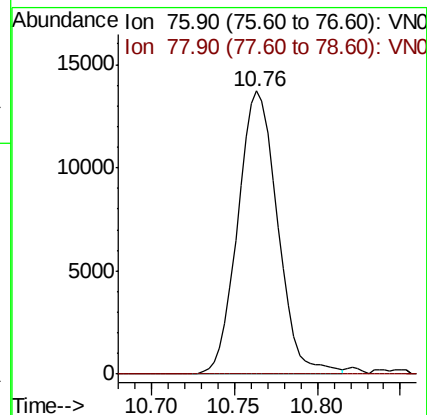
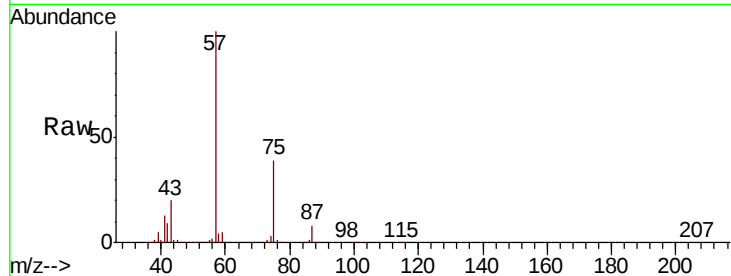
ClientSampled :

Tot Ion: 76 Resp: 22857

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#58

2-Chloroethyl Vinyl ether

Concen: 12.595 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.21 min

Lab File: VN055507.D

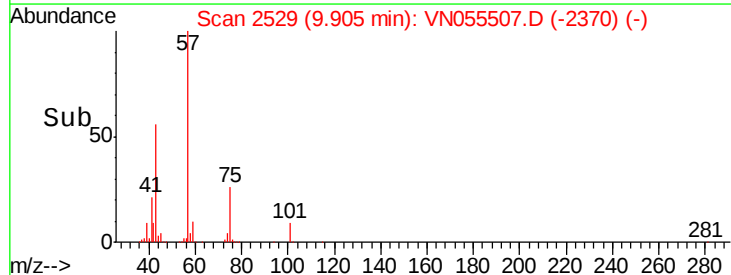
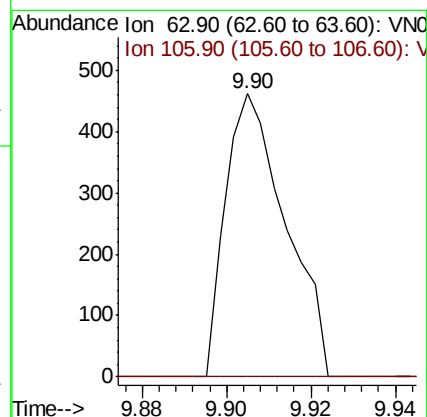
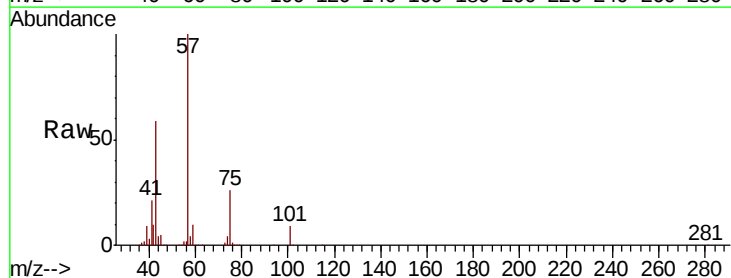
Acq: 9 May 2019 19:24

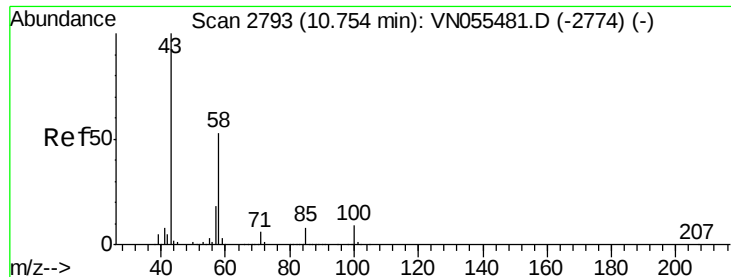
Tgt Ion: 63 Resp: 460

Ion Ratio Lower Upper

63 100

106 0.0 18.6 27.8#

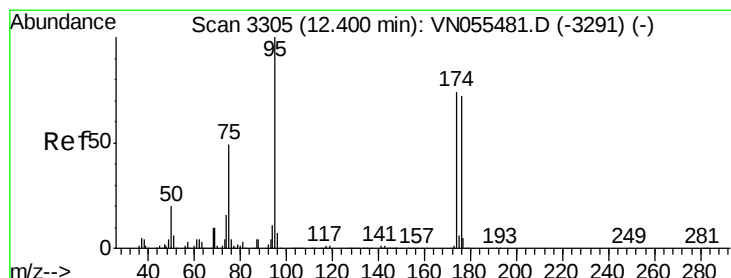
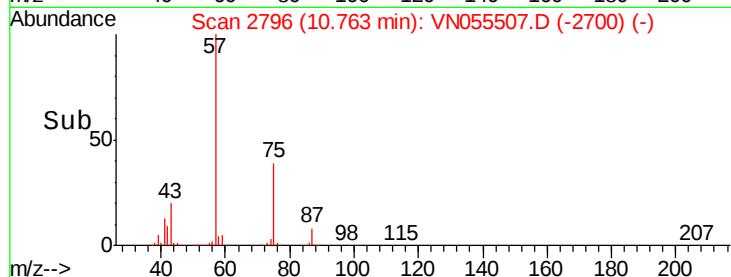
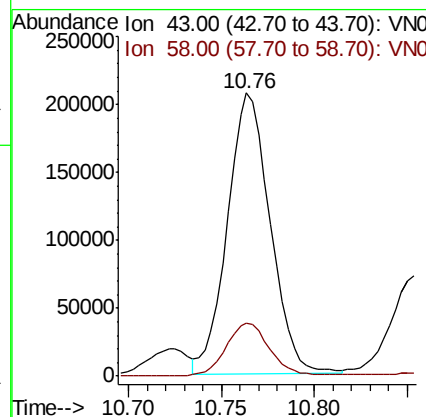
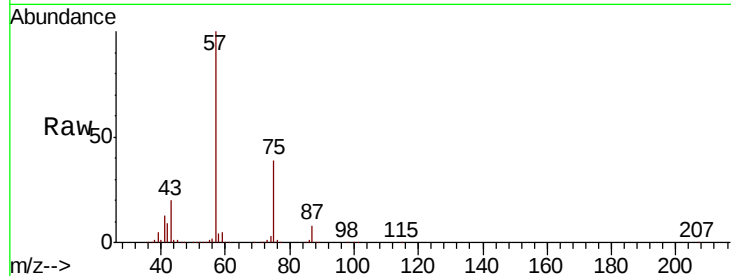




#59
2-Hexanone
Concen: 29.767 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055507.D
Acq: 9 May 2019 19:24

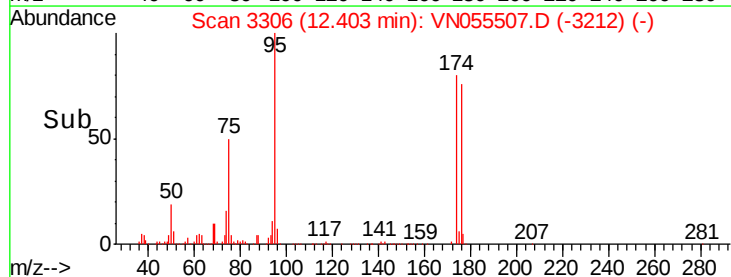
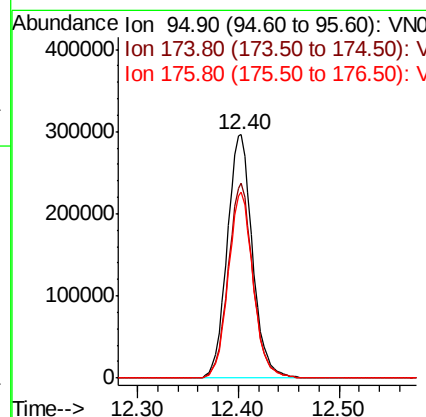
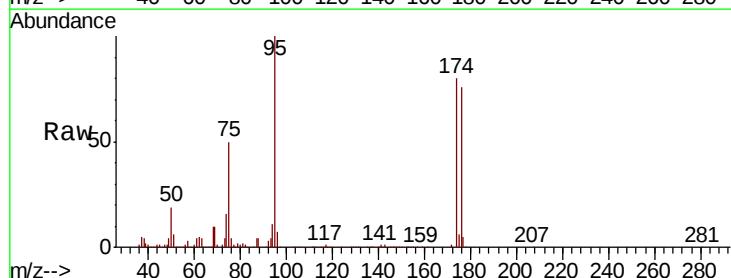
Instrument :
MSVOA_N
ClientSampleId :

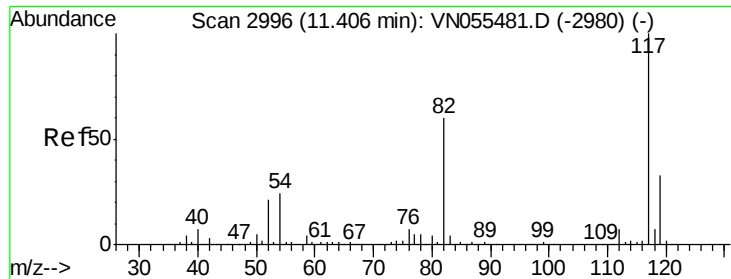
Tot Ion: 43 Resp: 330808
Ion Ratio Lower Upper
43 100
58 19.3 26.4 79.0#



#62
4-Bromofluorobenzene
Concen: 41.418 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055507.D
Acq: 9 May 2019 19:24

Tgt Ion: 95 Resp: 518099
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.2
176 75.0 0.0 147.8

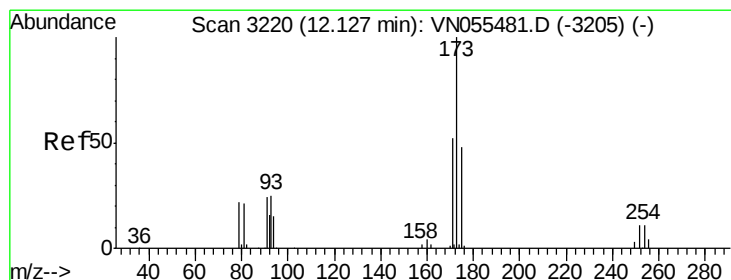
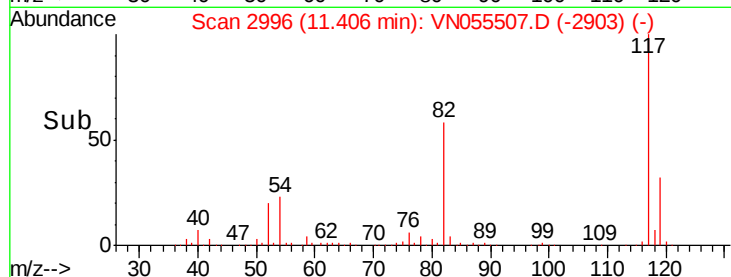
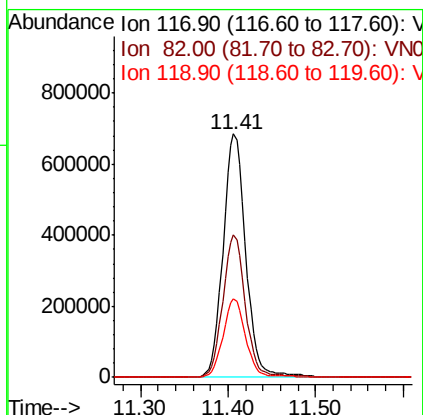
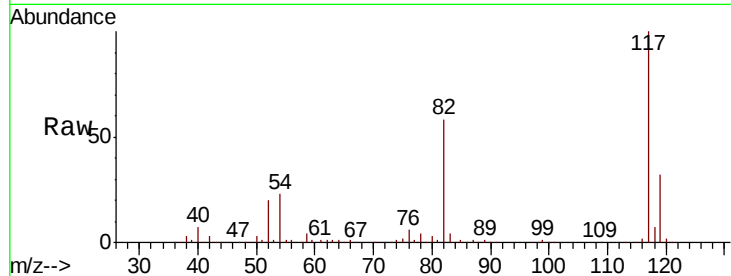




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055507.D
Acq: 9 May 2019 19:24

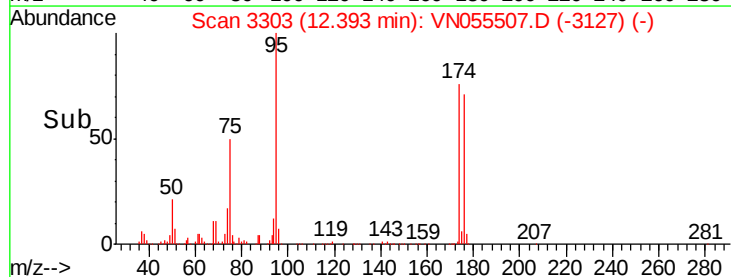
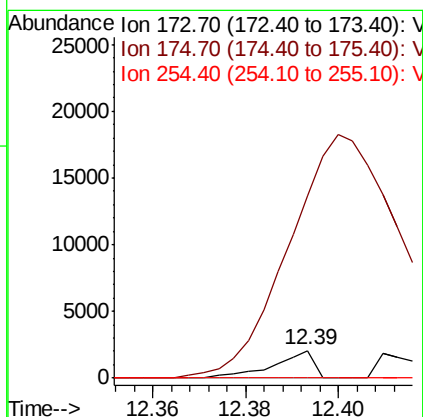
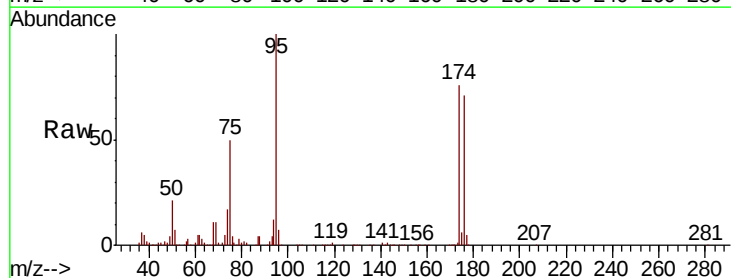
Instrument :
MSVOA_N
ClientSampled :

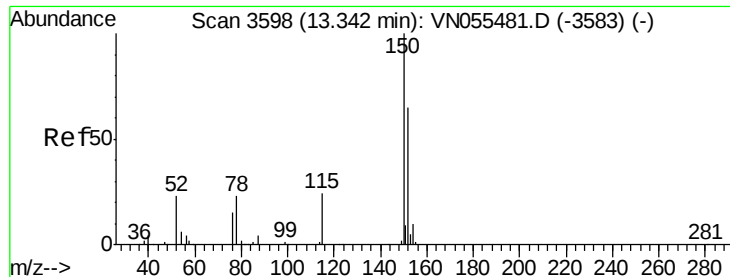
Tot Ion:117 Resp: 1234539
Ion Ratio Lower Upper
117 100
82 58.3 48.0 72.0
119 32.0 26.0 39.0



#71
Bromoform
Concen: 0.210 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN055507.D
Acq: 9 May 2019 19:24

Tgt Ion:173 Resp: 1237
Ion Ratio Lower Upper
173 100
175 2133.8 24.1 72.4#
254 0.0 0.1 0.1#



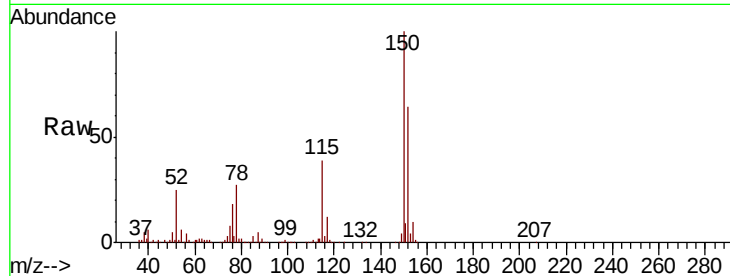


#72

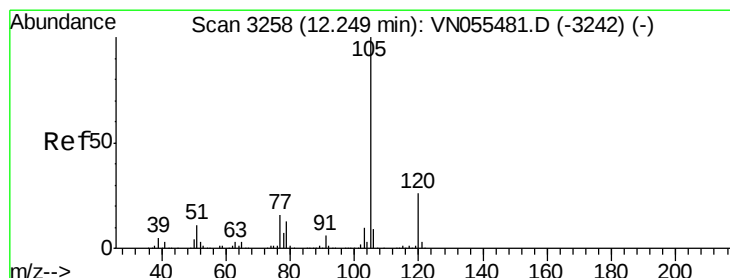
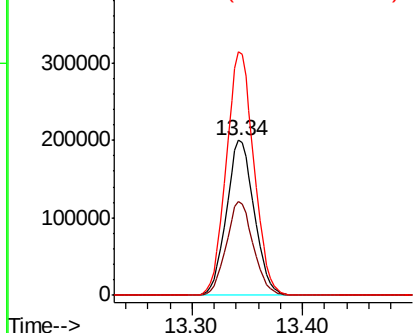
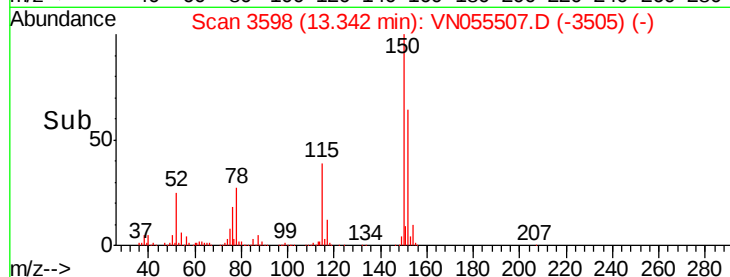
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055507.D
Acq: 9 May 2019 19:24

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.1	90.5
150	156.5	0.0	355.0



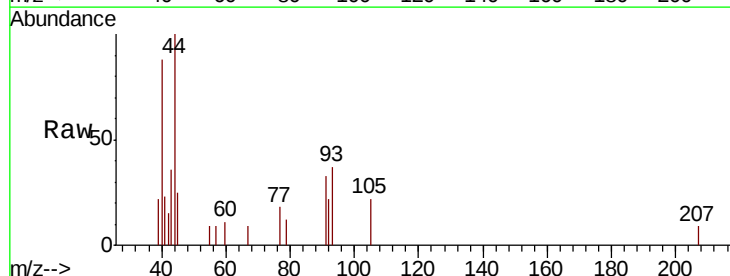
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



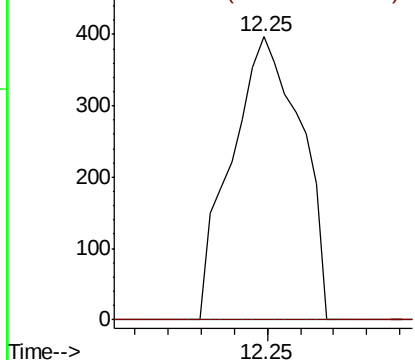
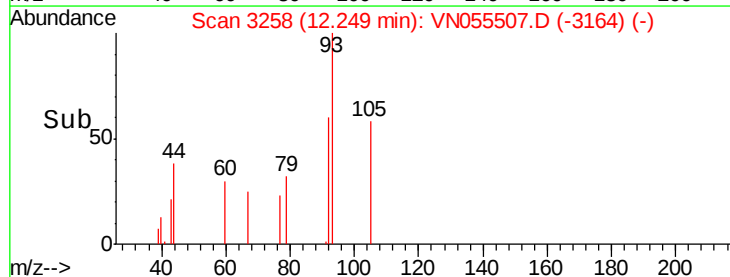
#73

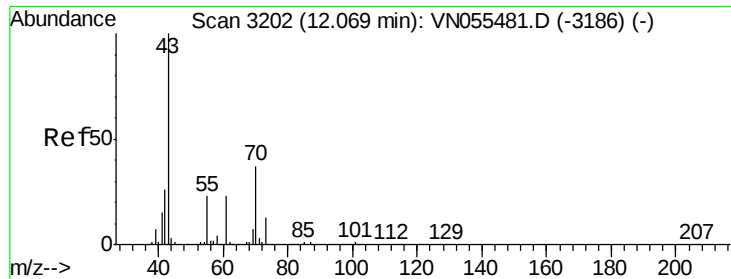
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055507.D
Acq: 9 May 2019 19:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.0	39.0#



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





#74

N-amvl acetate

Concen: 2.341 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 30965

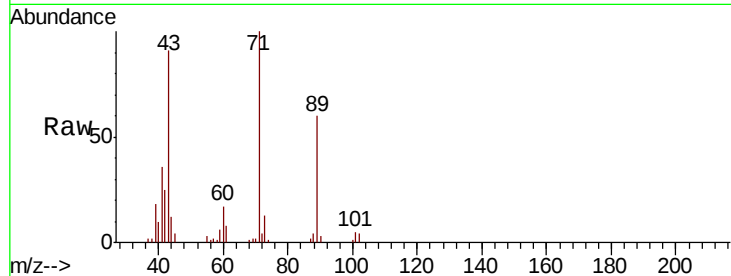
Ion Ratio Lower Upper

43 100

70 2.0 30.7 46.1#

55 3.7 19.3 28.9#

61 9.4 18.6 27.8#

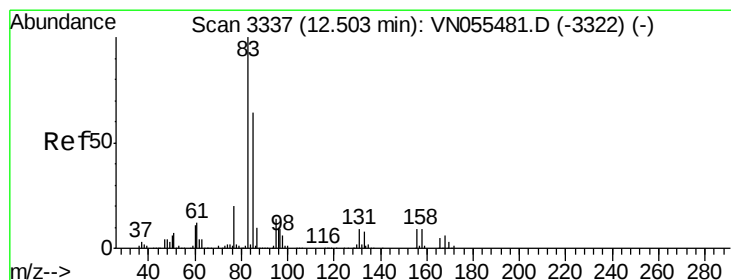
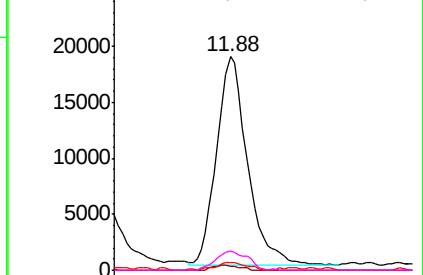
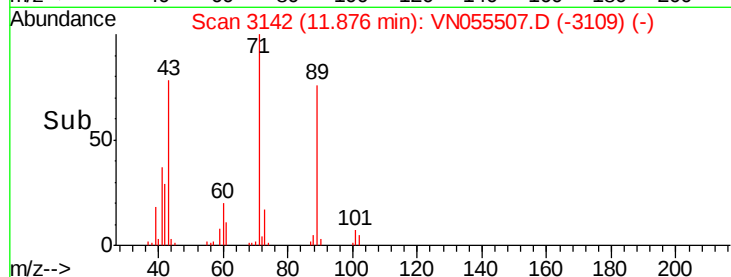


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

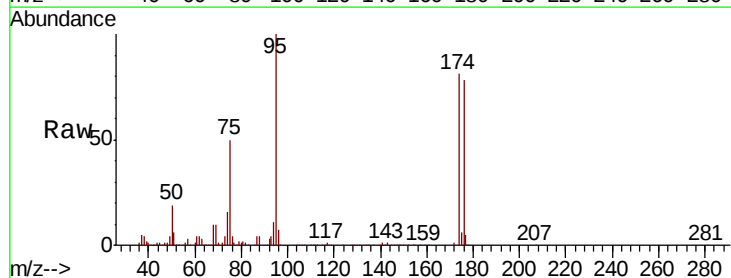
Tgt Ion: 83 Resp: 186

Ion Ratio Lower Upper

83 100

131 323.1 4.5 13.5#

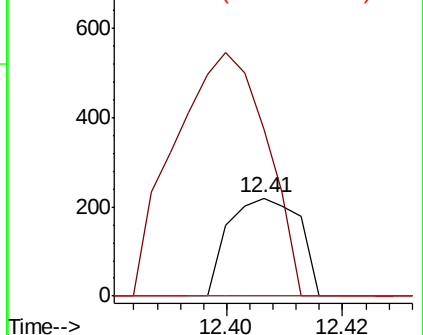
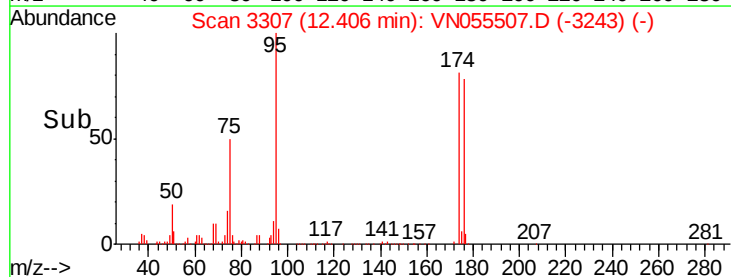
85 0.0 32.0 96.0#

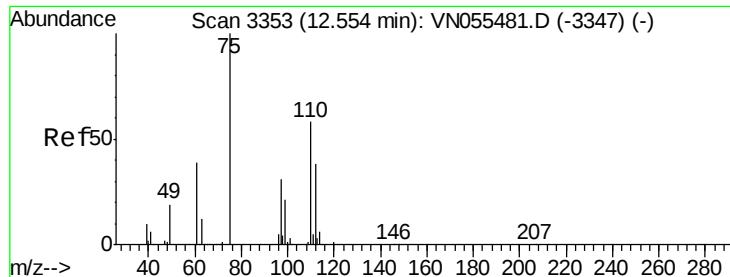


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 27.664 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Instrument :

MSVOA_N

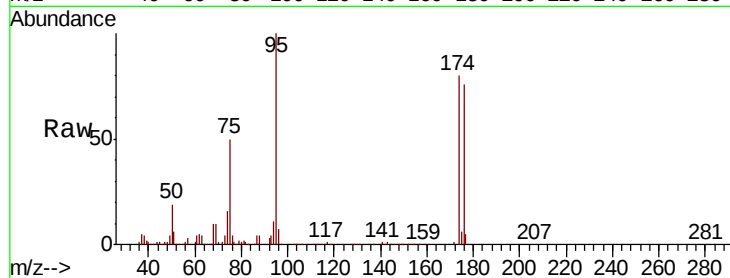
ClientSampleId :

Tot Ion: 75 Resp: 262373

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055481.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN055481.D (-3347) (-)

12.40

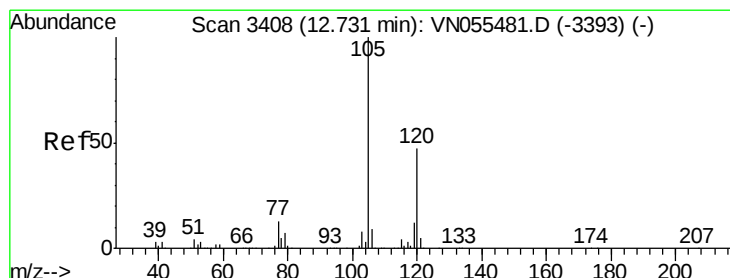
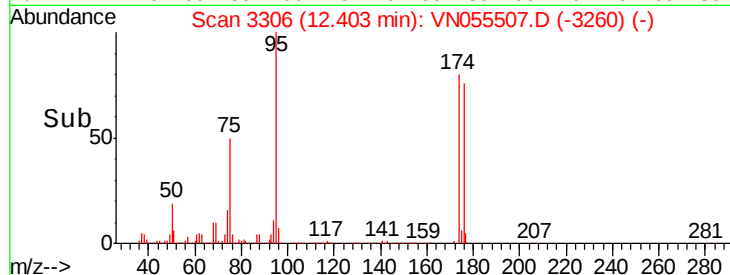
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.238 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055507.D

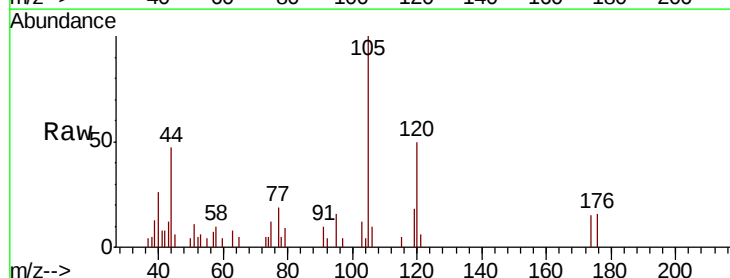
Acq: 9 May 2019 19:24

Tgt Ion:105 Resp: 6628

Ion Ratio Lower Upper

105 100

120 52.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055481.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN055481.D (-3393) (-)

12.73

4000

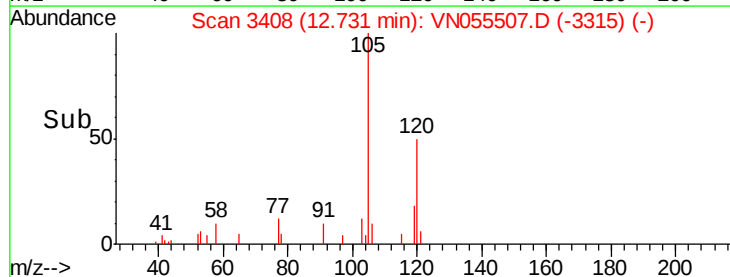
3000

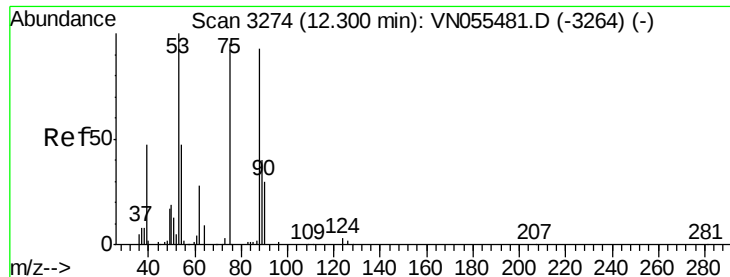
2000

1000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 102.077 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Instrument :

MSVOA_N

ClientSampleId :

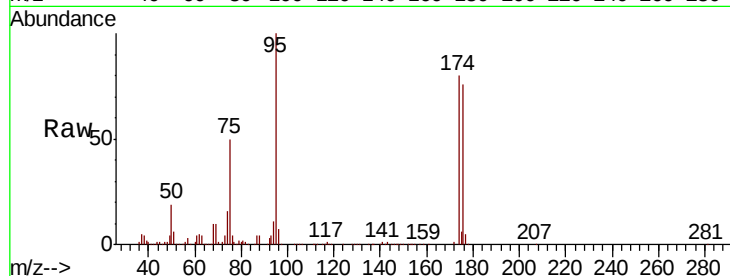
Tot Ion: 75 Resp: 262373

Ion Ratio Lower Upper

75 100

53 0.1 86.5 129.7#

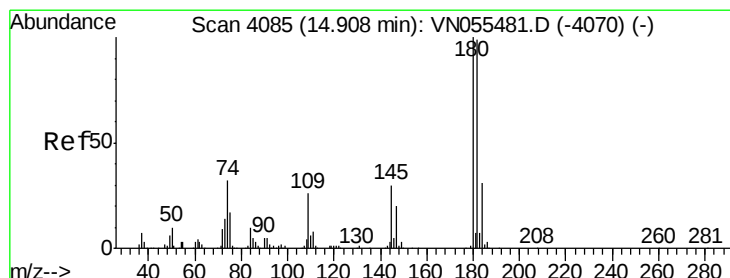
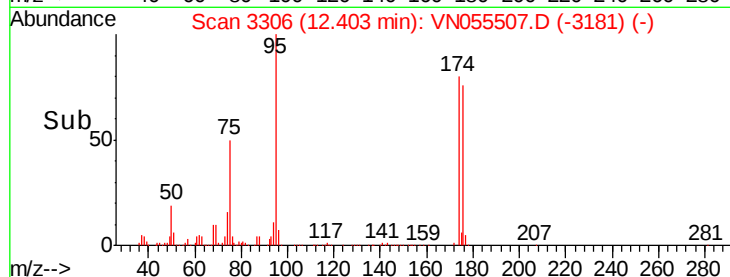
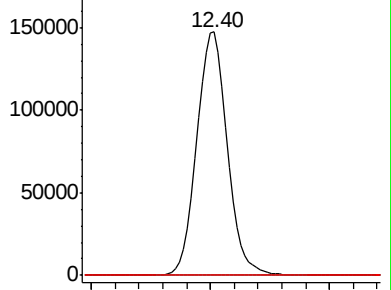
89 0.0 35.7 53.5#



Abundance Ion 74.90 (74.60 to 75.60): VN055507.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN055507.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN055507.D (-3306) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.277 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

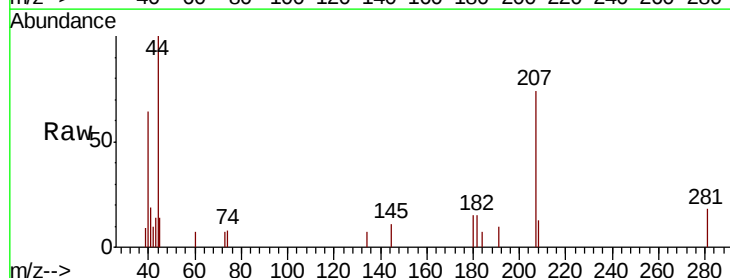
Tgt Ion:180 Resp: 397

Ion Ratio Lower Upper

180 100

182 136.3 48.7 146.1

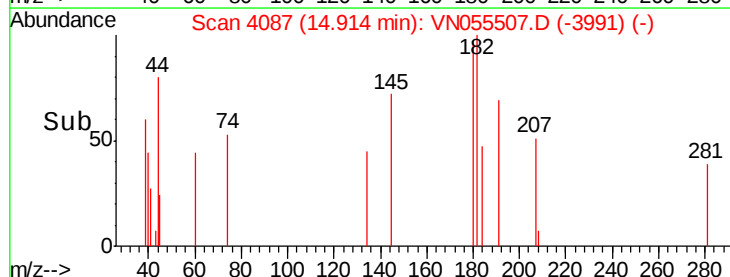
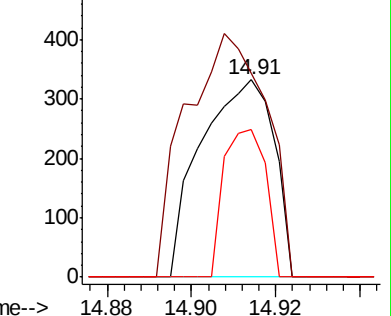
145 43.1 15.3 45.9

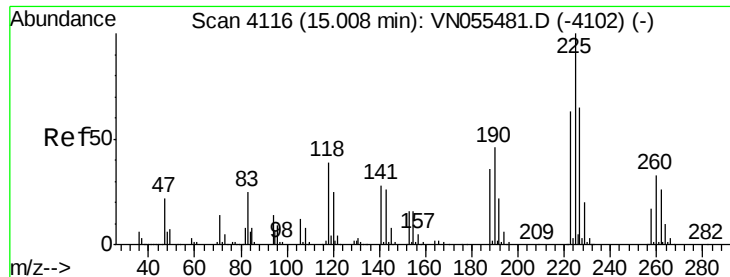


Abundance Ion 179.80 (179.50 to 180.50): VN055507.D (-4087) (-)

Ion 181.80 (181.50 to 182.50): VN055507.D (-4087) (-)

Ion 144.80 (144.50 to 145.50): VN055507.D (-4087) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Instrument :

MSVOA_N

ClientSampled :

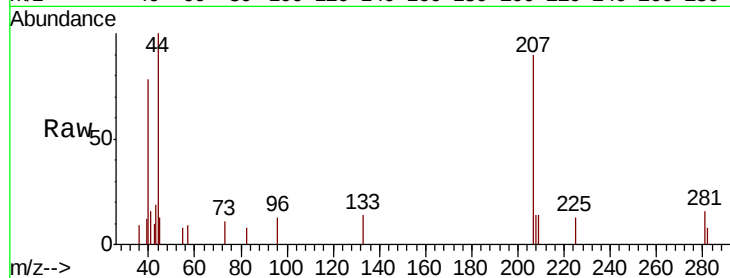
Tot Ion:225 Resp: 228

Ion Ratio Lower Upper

225 100

223 45.6 31.4 94.3

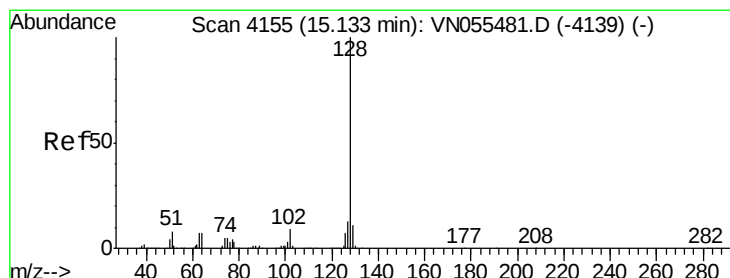
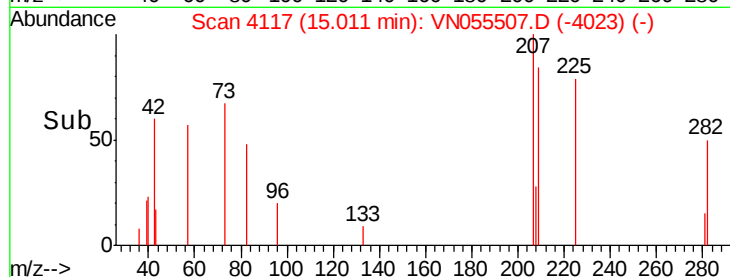
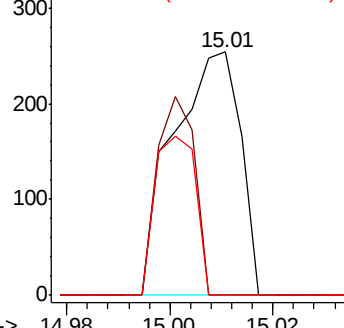
227 39.5 32.0 96.0



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: 3.024 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.01 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

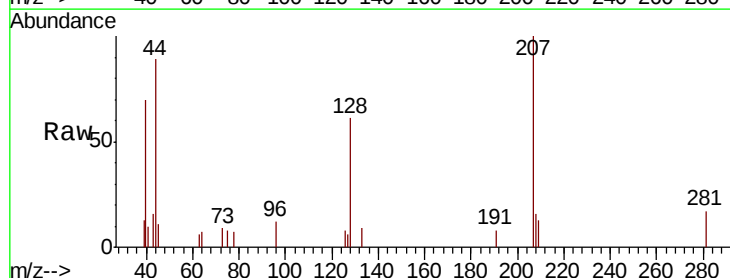
Tgt Ion:128 Resp: 1339

Ion Ratio Lower Upper

128 100

127 10.2 10.0 15.0

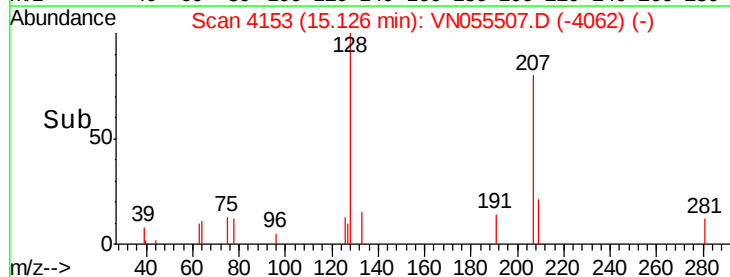
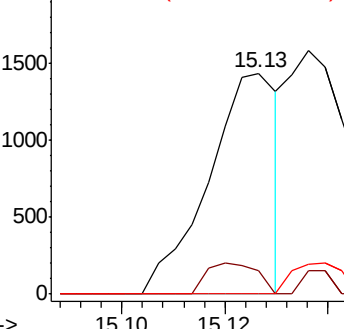
129 0.0 8.8 13.2#

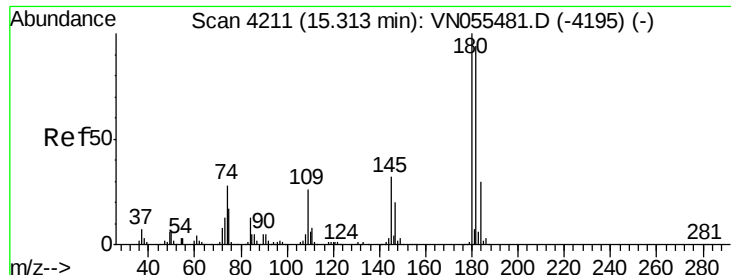


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

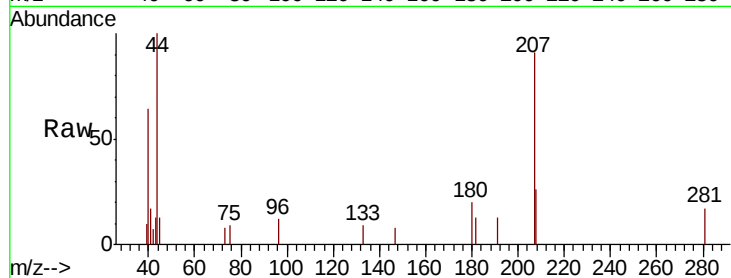




#96
 1,2,3-Trichlorobenzene
 Concen: 2.517 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN055507.D
 Acq: 9 May 2019 19:24

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	48.8	47.1	141.3
145	0.0	15.8	47.4#



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

