

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021220\
 Data File : VN060079.D
 Acq On : 12 Feb 2020 17:30
 Operator : JC/MD
 Sample : L1491-04ME
 Misc : 11.59µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 13 00:38:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	175639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	271226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	248246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	121307	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	100640	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	
35) Dibromofluoromethane	7.56	113	80801	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
50) Toluene-d8	10.08	98	326991	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.40	95	115384	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.49	94	336	0.230	ug/l	85
6) Chloroethane	2.54	64	248	0.206	ug/l #	41
10) Methyl Iodide	3.91	142	448	2.676	ug/l #	42
11) Tert butyl alcohol	4.71	59	865	2.705	ug/l #	72
16) Acetone	3.80	43	278	0.298	ug/l #	43
17) Carbon Disulfide	4.02	76	2262	0.452	ug/l #	76
25) 2-Butanone	6.82	43	2135	1.821	ug/l #	86
31) Cyclohexane	7.63	56	8650	2.862	ug/l #	64
36) 1,1-Dichloropropene	7.64	75	12449	4.955	ug/l #	44
38) Carbon Tetrachloride	7.64	117	16272	5.964	ug/l #	15
39) Methylcyclohexane	9.06	83	24228	7.769	ug/l	99
44) Trichloroethene	8.81	130	518	0.251	ug/l	95
48) Methyl methacrylate	9.12	41	529	0.304	ug/l #	9
51) 4-Methyl-2-Pentanone	9.98	43	1117	0.497	ug/l #	35
55) 1,1,2-Trichloroethane	10.52	97	6266	3.361	ug/l #	19
56) Ethyl methacrylate	10.42	69	2486	0.943	ug/l #	1
59) 2-Hexanone	10.71	43	4251	2.450	ug/l #	24
67) Ethyl Benzene	11.51	91	41711	4.573	ug/l	98
68) m/p-Xylenes	11.62	106	1076	0.314	ug/l	85
69) o-Xylene	11.94	106	850	0.258	ug/l	79
73) Isopropylbenzene	12.25	105	36273	4.004	ug/l	99
76) 1,2,3-Trichloropropane	12.40	75	60161	25.922	ug/l #	100
77) Bromobenzene	12.52	156	788	0.351	ug/l	46
78) n-propylbenzene	12.59	91	58395	5.658	ug/l	99
79) 2-Chlorotoluene	12.77	91	1999	0.330	ug/l	82
80) 1,3,5-Trimethylbenzene	12.89	105	37421	4.968	ug/l	73
81) trans-1,4-Dichloro-2-buten	12.40	75	60161	63.470	ug/l #	13
82) 4-Chlorotoluene	12.77	91	1999	0.321	ug/l	83
83) tert-Butylbenzene	12.99	119	2938	0.441	ug/l	81
84) 1,2,4-Trimethylbenzene	12.89	105	37421	5.033	ug/l	78
85) sec-Butylbenzene	13.17	105	64911	7.356	ug/l	89
86) p-Isopropyltoluene	13.29	119	3486	0.436	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	1460	0.367	ug/l	95
88) 1,4-Dichlorobenzene	13.28	146	1460	0.367	ug/l	96

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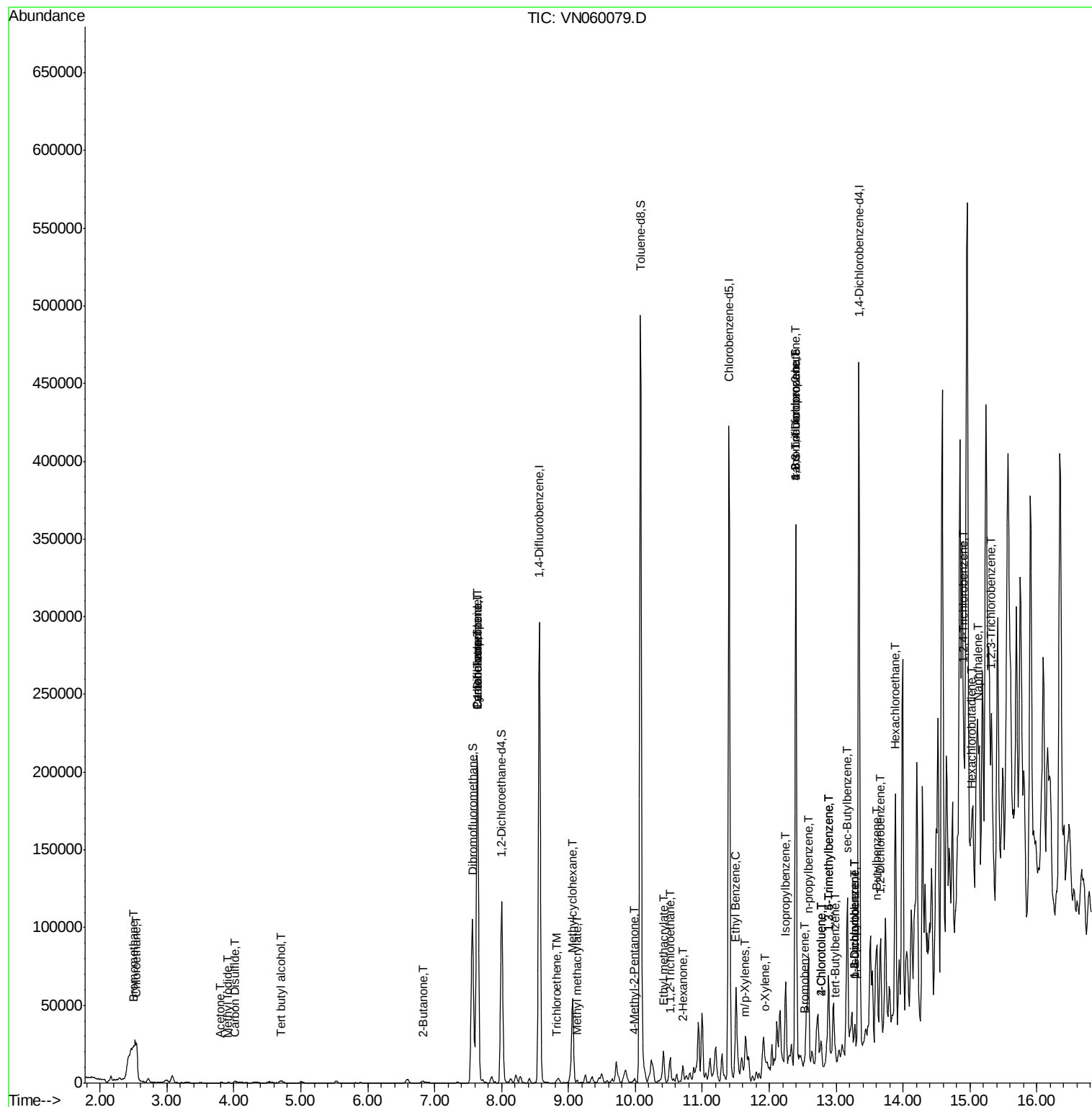
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.61	91	36315	5.164	uq/l	96
90) Hexachloroethane	13.88	117	8302	5.559	uq/l #	8
91) 1,2-Dichlorobenzene	13.65	146	1820	0.467	uq/l #	72
92) 1,2-Dibromo-3-Chloropropan	14.25	75	223	Below Cal	#	53
93) 1,2,4-Trichlorobenzene	14.91	180	4187	1.830	uq/l #	80
94) Hexachlorobutadiene	15.01	225	1368	1.021	uq/l	94
95) Naphthalene	15.13	128	19940	3.226	uq/l #	76
96) 1,2,3-Trichlorobenzene	15.31	180	5263	2.310	uq/l #	70

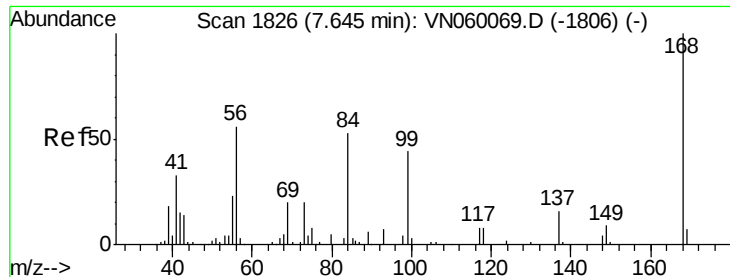
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

Instrument :

MSVOA_N

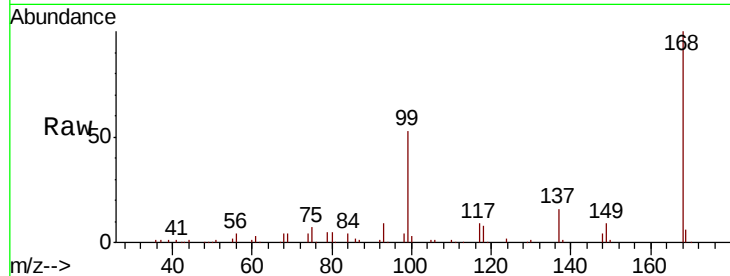
ClientSampleId :

Tot Ion:168 Resp: 175639

Ion Ratio Lower Upper

168 100

99 52.9 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060069.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN060069.D (-1806) (-)

7.64

80000

60000

40000

20000

0

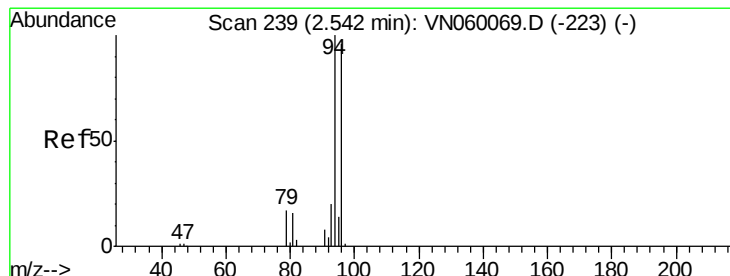
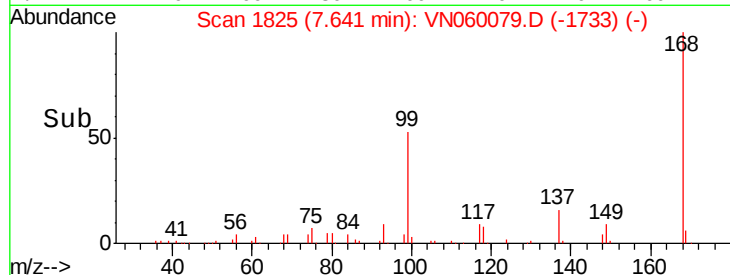
Time-->

7.50

7.60

7.70

7.80



#5

Bromomethane

Concen: 0.230 ug/l

RT: 2.49 min Scan# 223

Delta R.T. -0.05 min

Lab File: VN060079.D

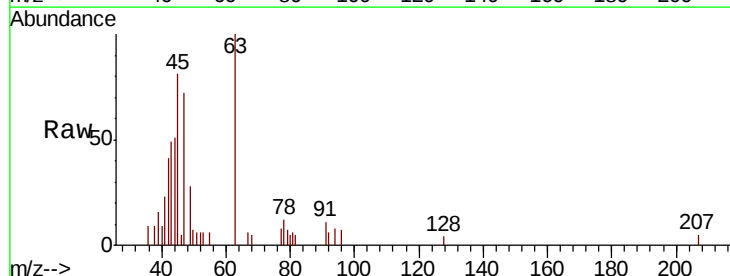
Acq: 12 Feb 2020 17:30

Tgt Ion: 94 Resp: 336

Ion Ratio Lower Upper

94 100

96 81.7 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN060069.D (-223) (-)

Ion 95.90 (95.60 to 96.60): VN060069.D (-223) (-)

2.49

300

200

100

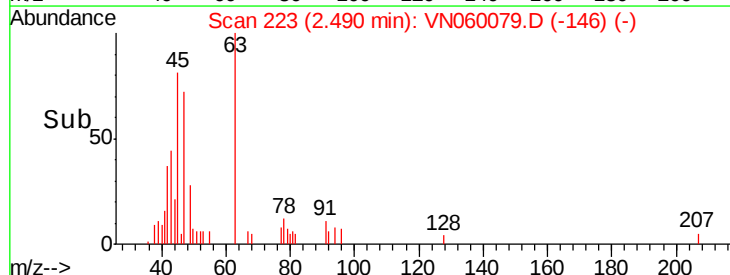
0

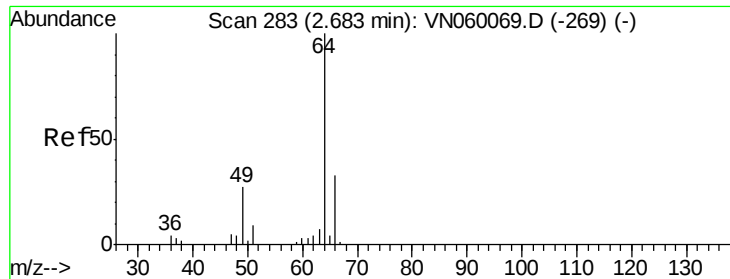
Time-->

2.46

2.48

2.50





#6

Chloroethane

Concen: 0.206 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.14 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

Instrument :

MSVOA_N

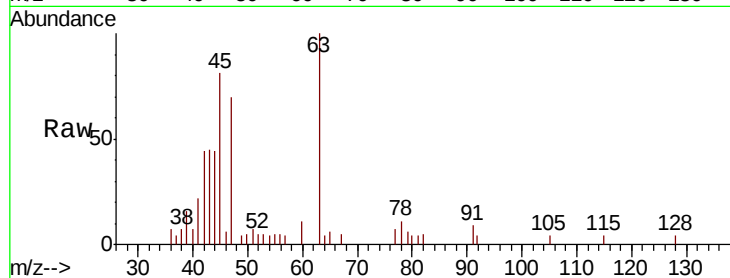
ClientSampled :

Tot Ion: 64 Resp: 248

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VN060079.D (-269) (-)

Ion 65.90 (65.60 to 66.60): VN060079.D (-269) (-)

250

200

150

100

50

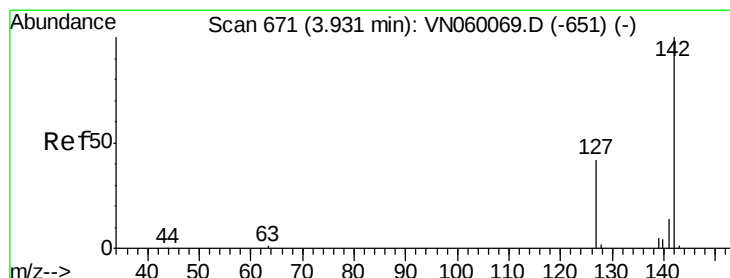
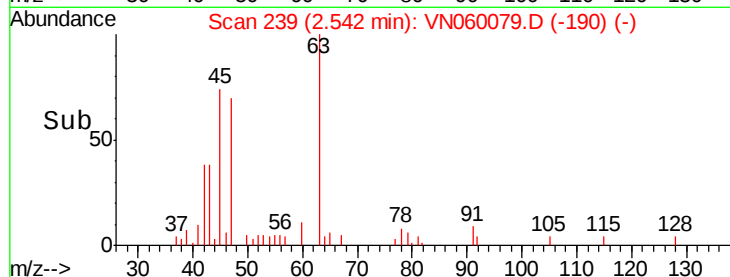
0

2.52

2.54

2.56

Time-->



#10

Methyl Iodide

Concen: 2.676 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.02 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

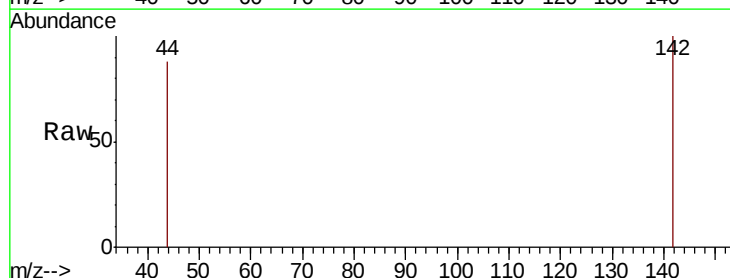
Tgt Ion: 142 Resp: 448

Ion Ratio Lower Upper

142 100

127 0.0 33.6 50.4#

141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): VN060079.D (-651) (-)

Ion 126.80 (126.50 to 127.50): VN060079.D (-651) (-)

Ion 140.80 (140.50 to 141.50): VN060079.D (-651) (-)

300

200

100

0

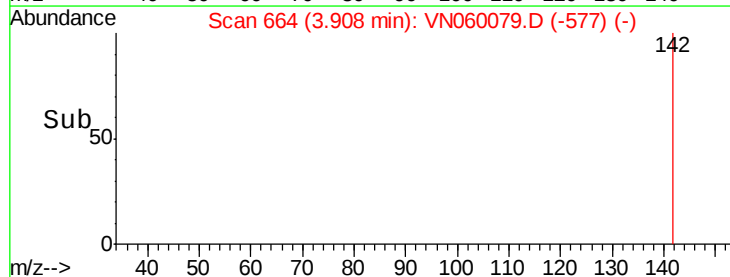
3.88

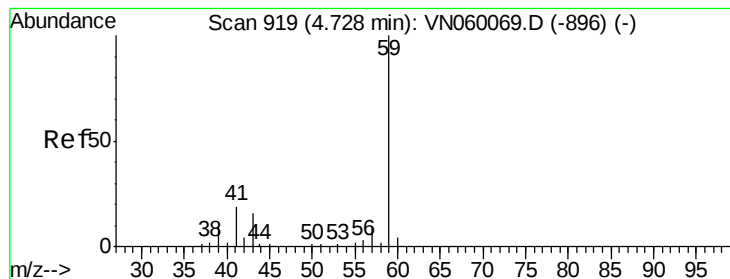
3.90

3.92

3.94

Time-->



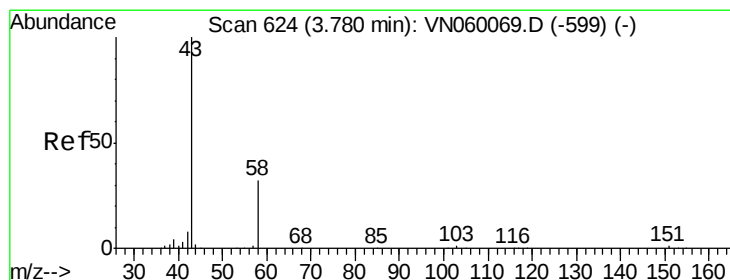
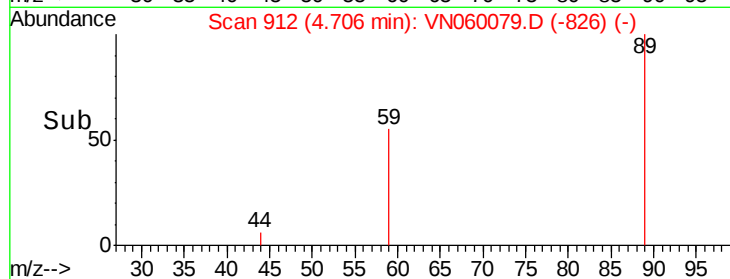
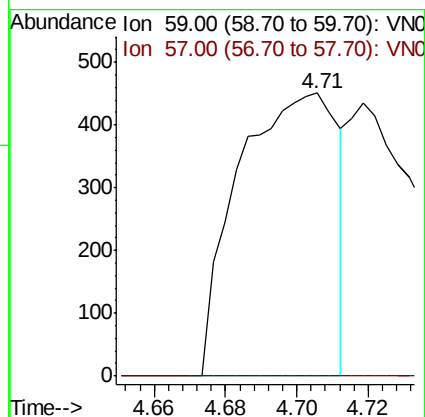
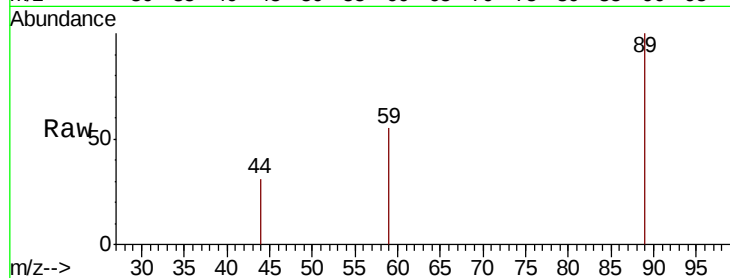


#11

Tert butyl alcohol
 Concen: 2.705 ug/l
 RT: 4.71 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VN060079.D
 Acq: 12 Feb 2020 17:30

Instrument :
 MSVOA_N
 ClientSampled :

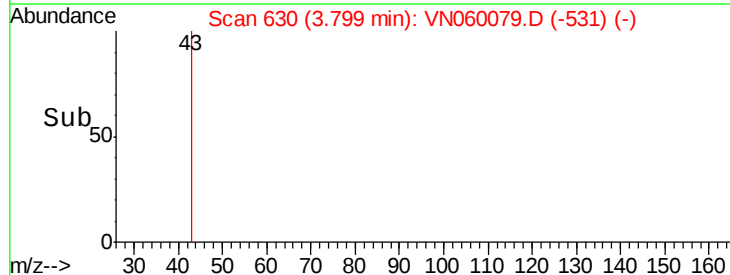
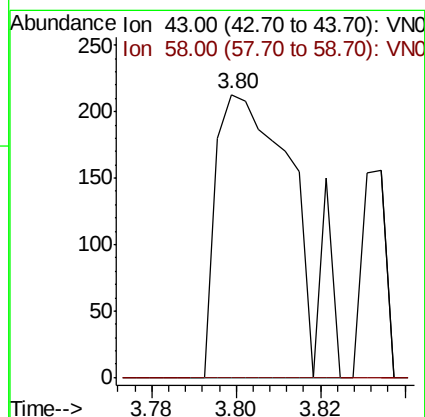
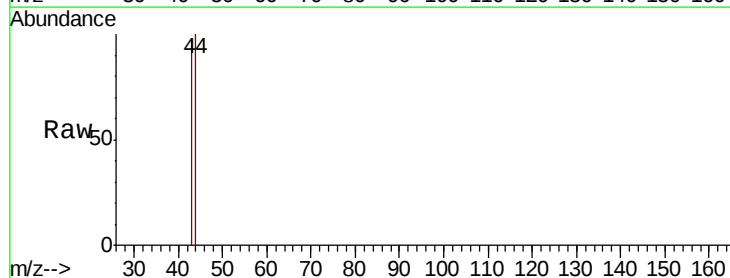
Tot Ion: 59 Resp: 865
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

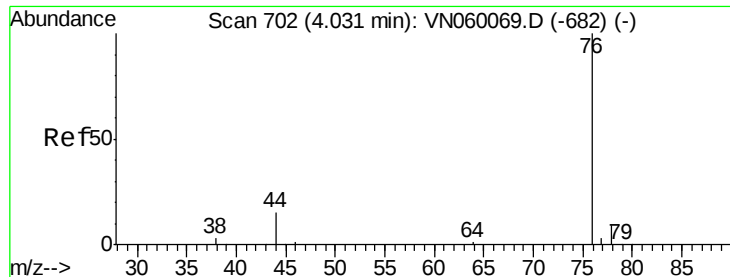


#16

Acetone
 Concen: 0.298 ug/l
 RT: 3.80 min Scan# 630
 Delta R.T. 0.02 min
 Lab File: VN060079.D
 Acq: 12 Feb 2020 17:30

Tgt Ion: 43 Resp: 278
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.2 37.8#

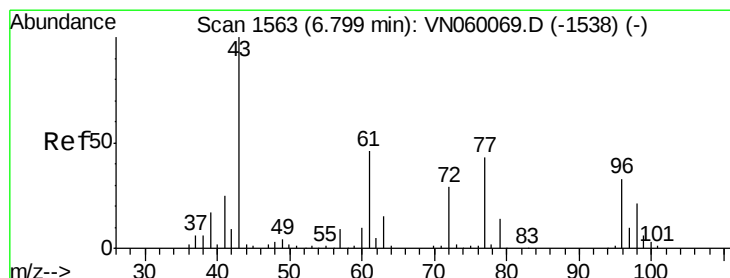
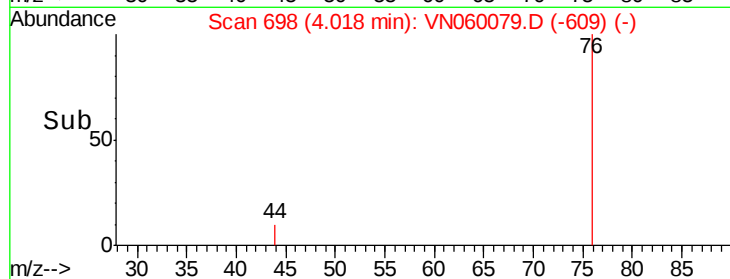
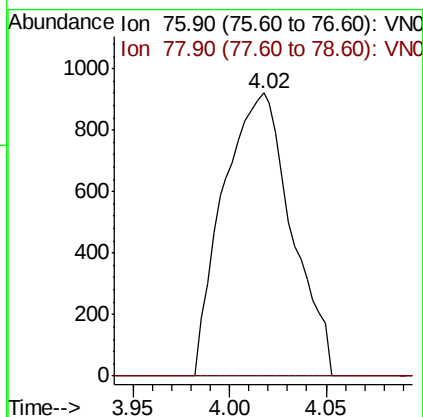
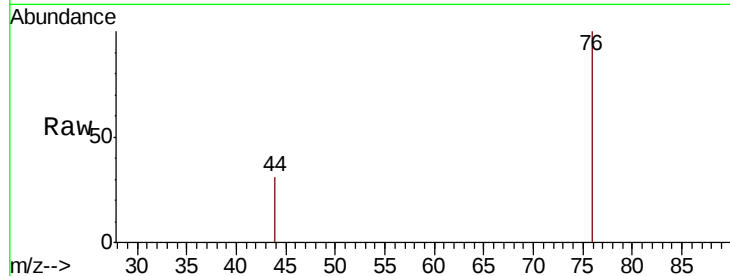




#17
Carbon Disulfide
Concen: 0.452 ug/l
RT: 4.02 min Scan# 698
Delta R.T. -0.01 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

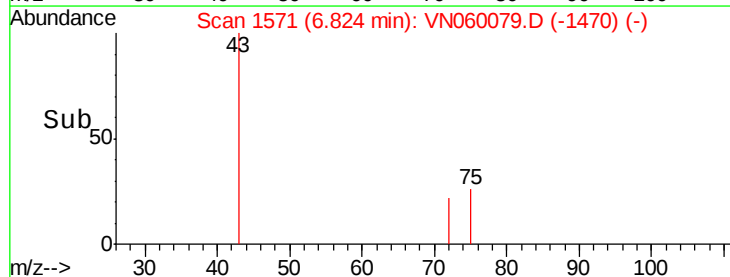
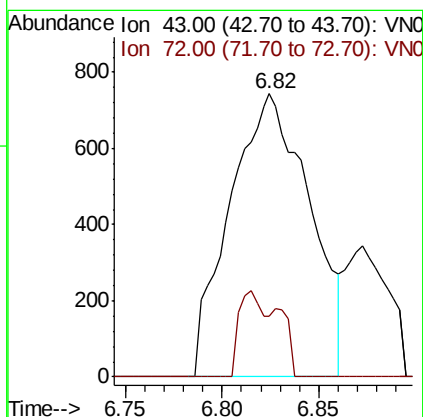
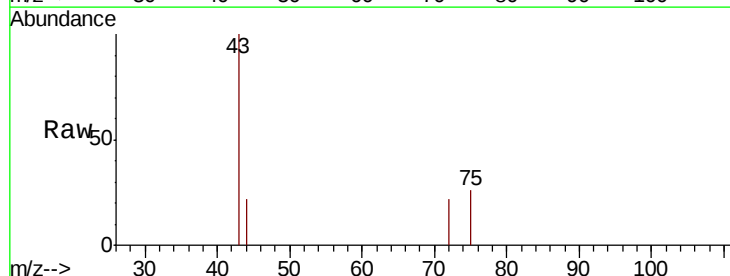
Instrument :
MSVOA_N
ClientSampled :

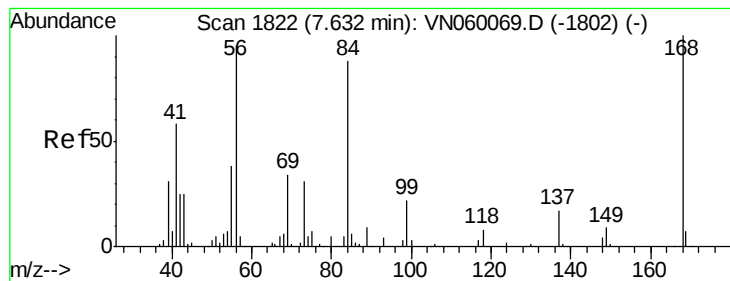
Tot Ion: 76 Resp: 2262
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#25
2-Butanone
Concen: 1.821 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.03 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

Tgt Ion: 43 Resp: 2135
Ion Ratio Lower Upper
43 100
72 21.7 23.3 34.9#





#31

Cyclohexane

Concen: 2.862 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

Instrument :

MSVOA_N

ClientSampled :

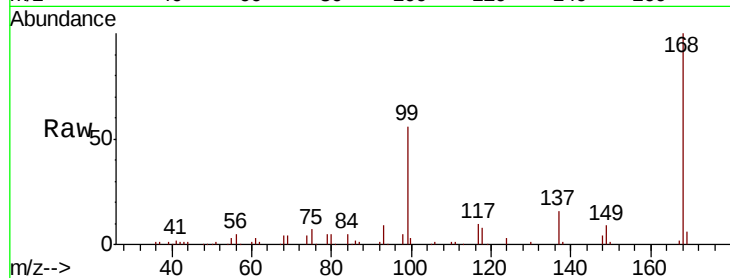
Tot Ion: 56 Resp: 8650

Ion Ratio Lower Upper

56 100

69 91.5 28.3 42.5#

84 102.4 72.6 108.8

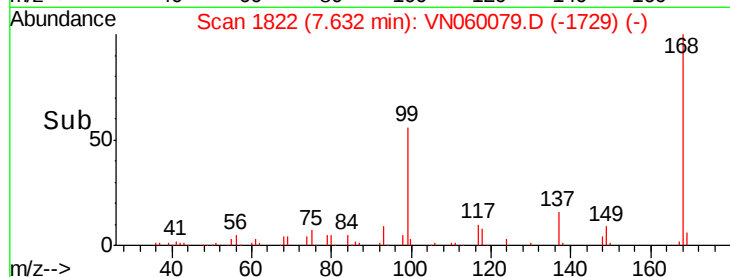


Abundance Ion 56.00 (55.70 to 56.70): VN060069.D (-1802) (-)

Ion 69.00 (68.70 to 69.70): VN060069.D (-1802) (-)

Ion 84.00 (83.70 to 84.70): VN060069.D (-1802) (-)

Time-->

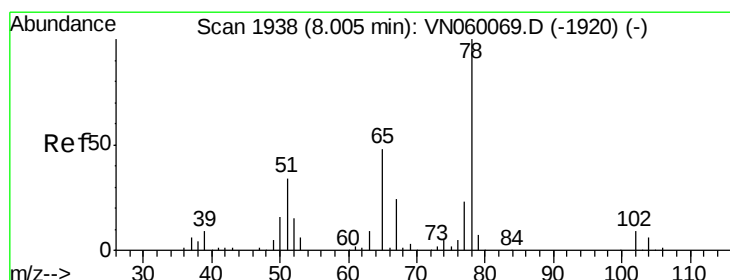


Abundance Ion 56.00 (55.70 to 56.70): VN060079.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060079.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060079.D (-1729) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.089 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060079.D

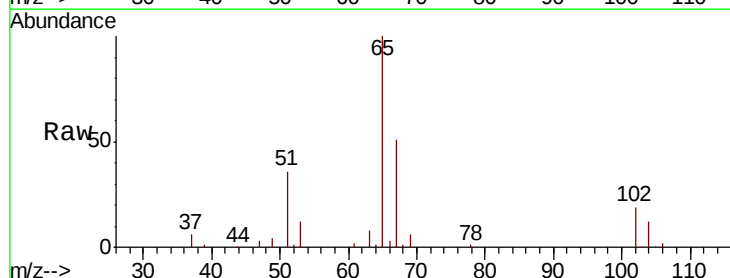
Acq: 12 Feb 2020 17:30

Tgt Ion: 65 Resp: 100640

Ion Ratio Lower Upper

65 100

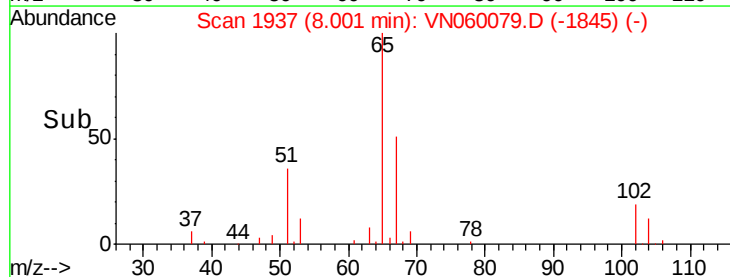
67 51.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN060069.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060069.D (-1920) (-)

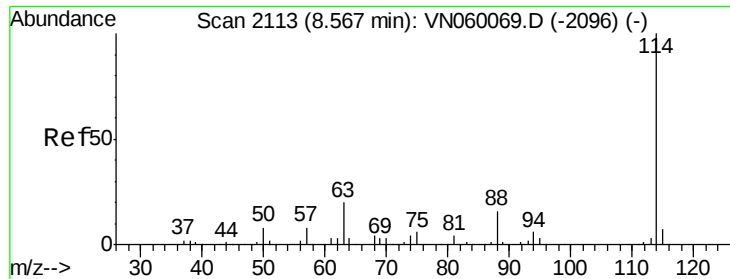
Time-->



Abundance Ion 64.90 (64.60 to 65.60): VN060079.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060079.D (-1845) (-)

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

Instrument :

MSVOA_N

ClientSampleId :

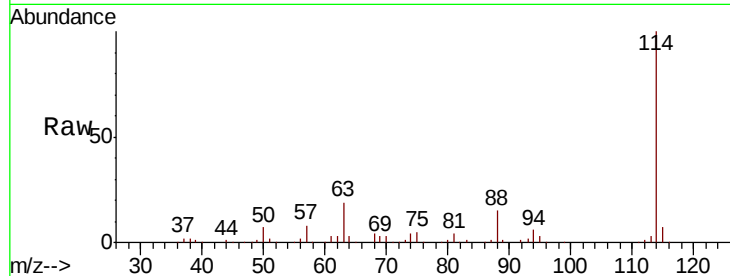
Tot Ion:114 Resp: 271226

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

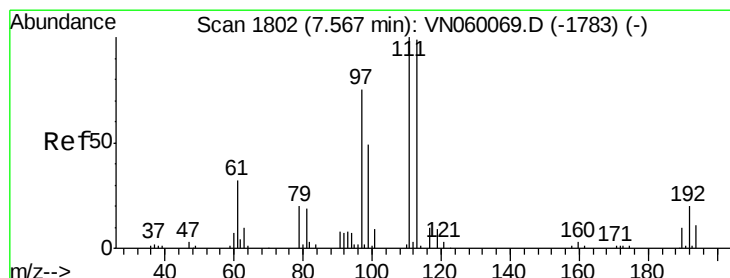
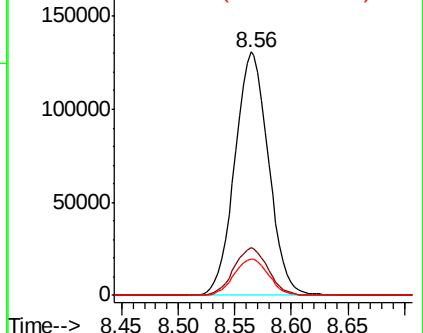
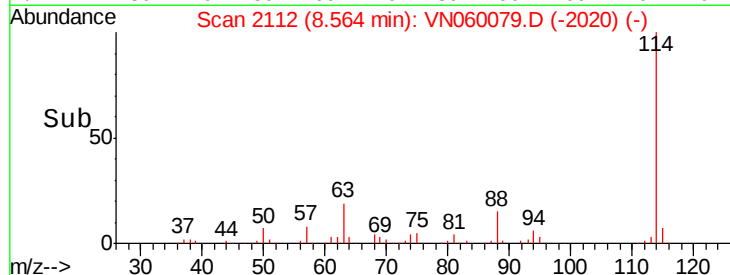
88 15.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.464 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

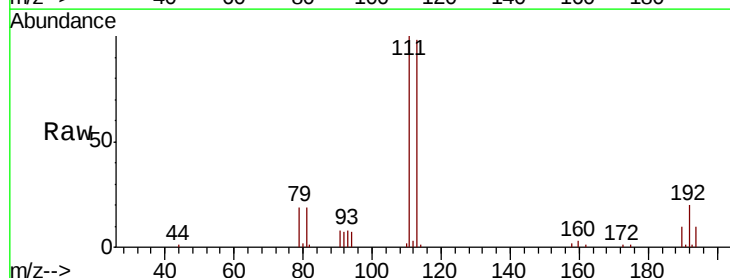
Tgt Ion:113 Resp: 80801

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.2

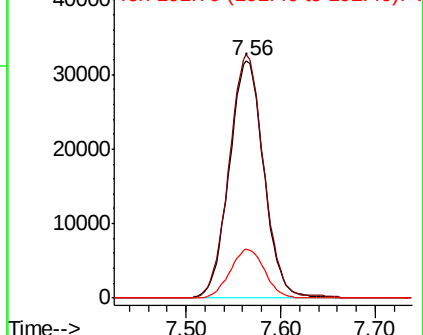
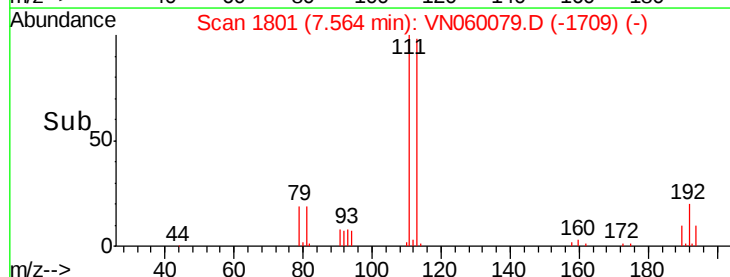
192 20.5 16.2 24.2

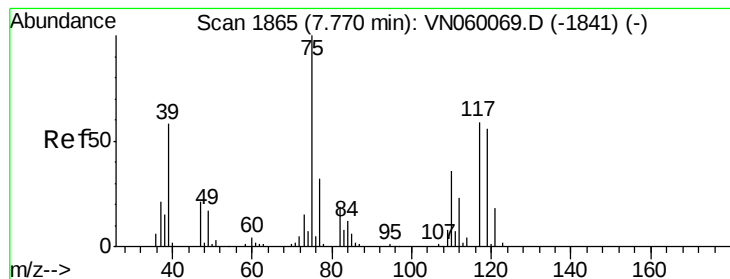


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.955 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.13 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

Instrument :

MSVOA_N

ClientSampleId :

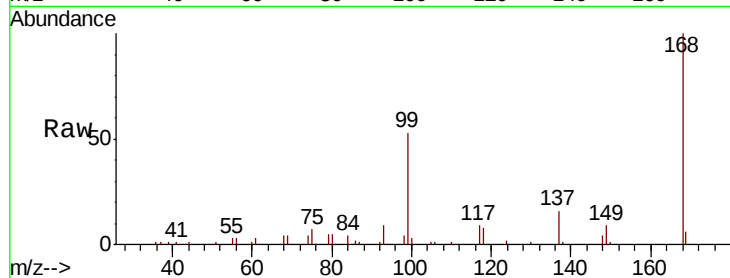
Tot Ion: 75 Resp: 12449

Ion Ratio Lower Upper

75 100

110 3.7 18.1 54.3#

77 0.0 25.1 37.7#

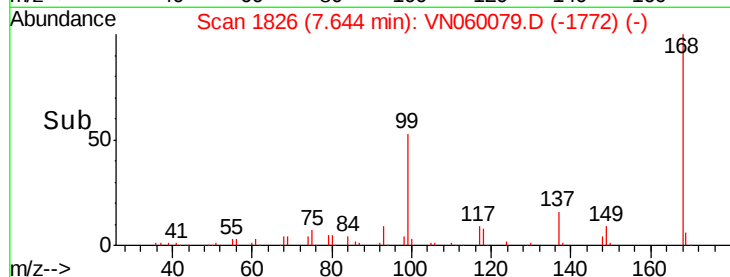


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-1841) (-)

Ion 109.90 (109.60 to 110.60): VN060069.D (-1841) (-)

Ion 76.90 (76.60 to 77.60): VN060069.D (-1841) (-)

Time-->

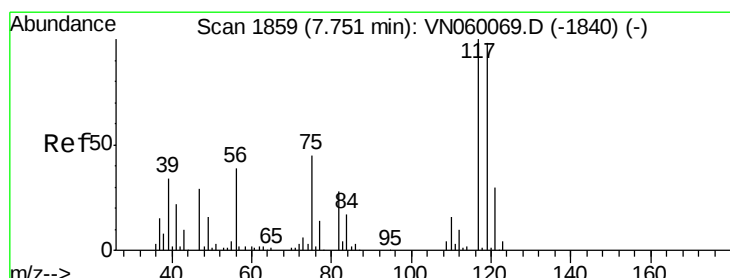


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-1841) (-)

Ion 109.90 (109.60 to 110.60): VN060069.D (-1841) (-)

Ion 76.90 (76.60 to 77.60): VN060069.D (-1841) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.964 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.11 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

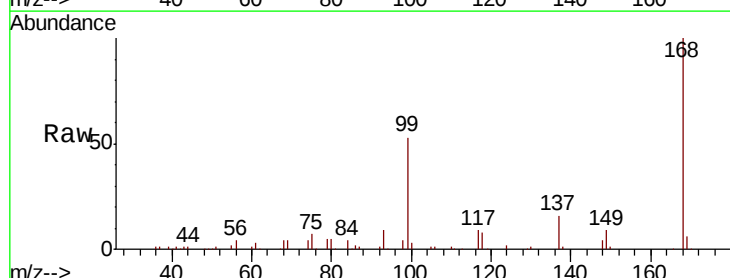
Tgt Ion: 117 Resp: 16272

Ion Ratio Lower Upper

117 100

119 4.5 78.2 117.4#

121 0.0 24.2 36.2#

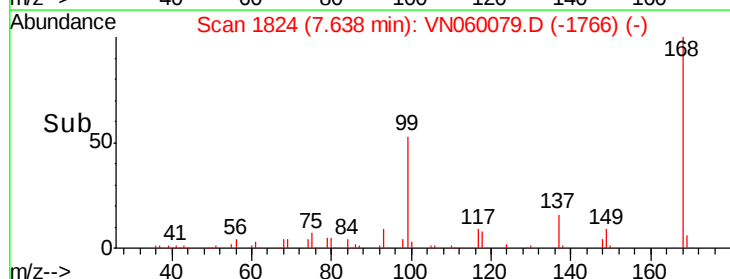


Abundance Ion 116.80 (116.50 to 117.50): VN060069.D (-1840) (-)

Ion 118.80 (118.50 to 119.50): VN060069.D (-1840) (-)

Ion 120.80 (120.50 to 121.50): VN060069.D (-1840) (-)

Time-->

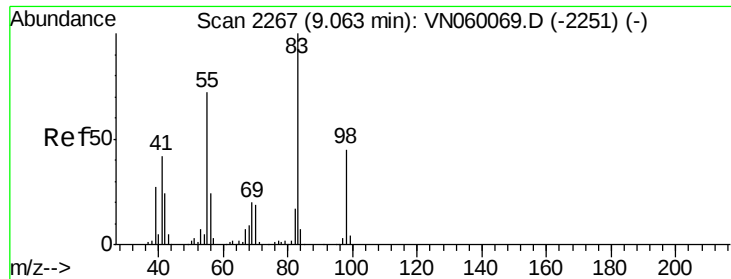


Abundance Ion 116.80 (116.50 to 117.50): VN060069.D (-1840) (-)

Ion 118.80 (118.50 to 119.50): VN060069.D (-1840) (-)

Ion 120.80 (120.50 to 121.50): VN060069.D (-1840) (-)

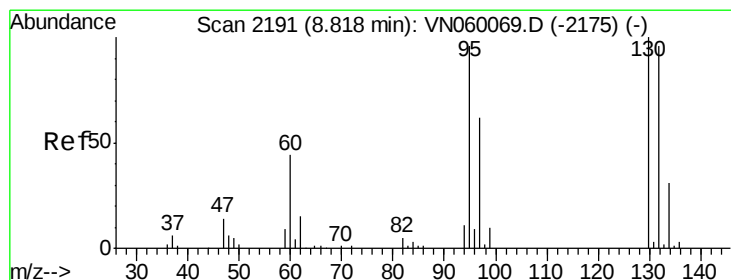
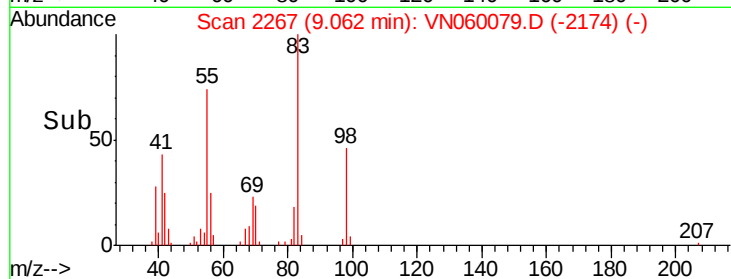
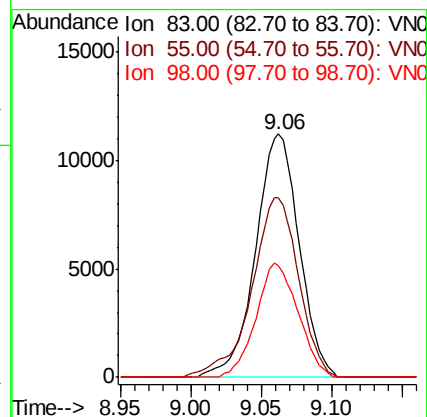
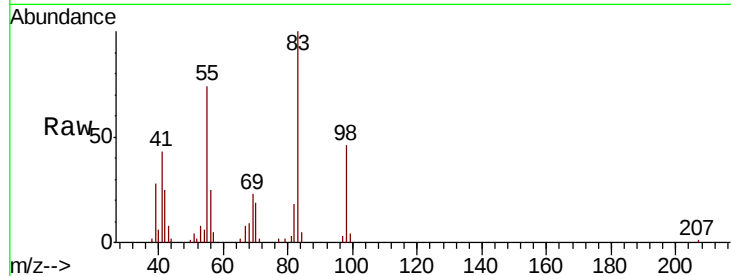
Time-->



#39
Methvlcvclohexane
Concen: 7.769 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

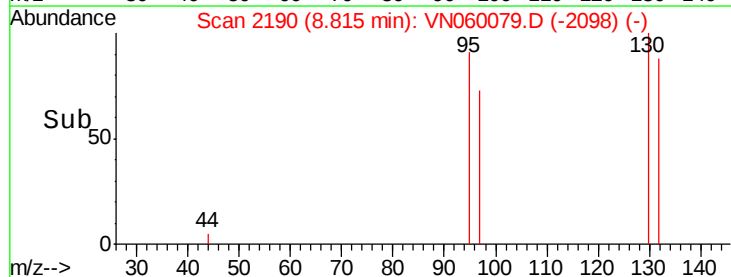
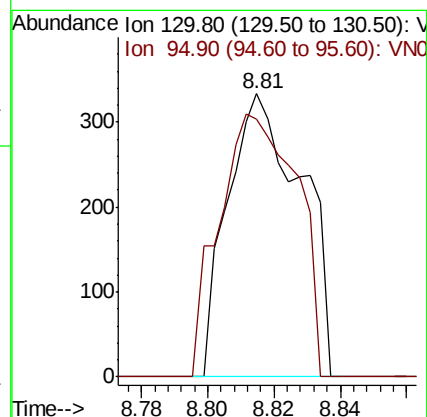
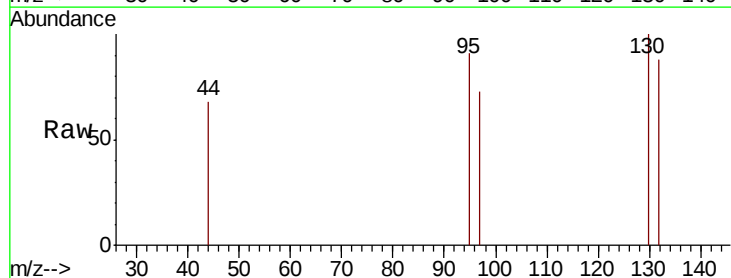
Instrument :
MSVOA_N
ClientSampleId :

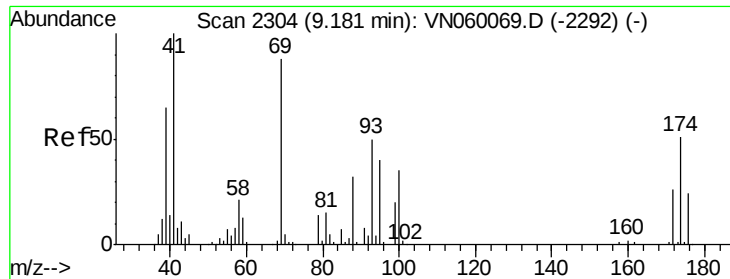
Tot Ion: 83 Resp: 24228
Ion Ratio Lower Upper
83 100
55 73.9 57.8 86.8
98 45.9 36.4 54.6



#44
Trichloroethene
Concen: 0.251 ug/l
RT: 8.81 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

Tgt Ion:130 Resp: 518
Ion Ratio Lower Upper
130 100
95 91.0 0.0 192.4

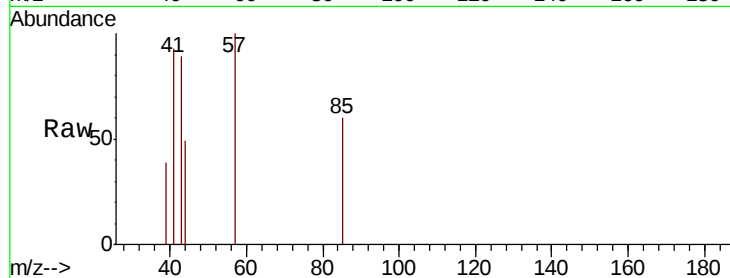




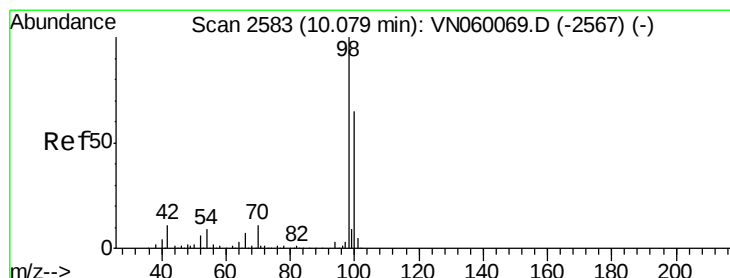
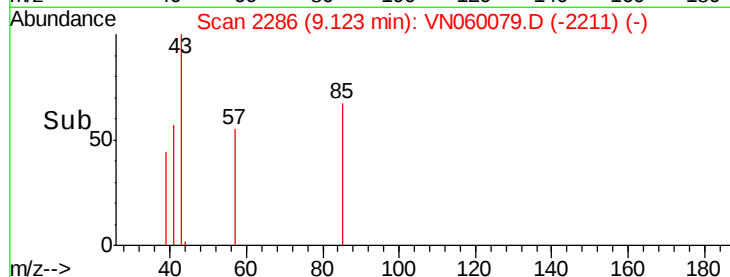
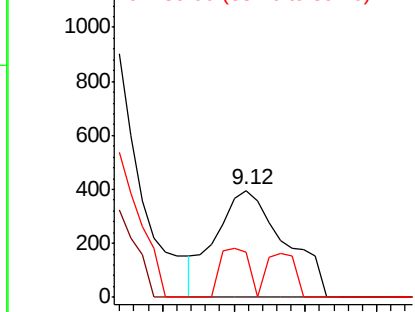
#48
Methyl methacrylate
Concen: 0.304 ug/l
RT: 9.12 min Scan# 2286
Delta R.T. -0.06 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 529
Ion Ratio Lower Upper
41 100
69 0.0 72.0 108.0#
39 0.0 54.1 81.1#

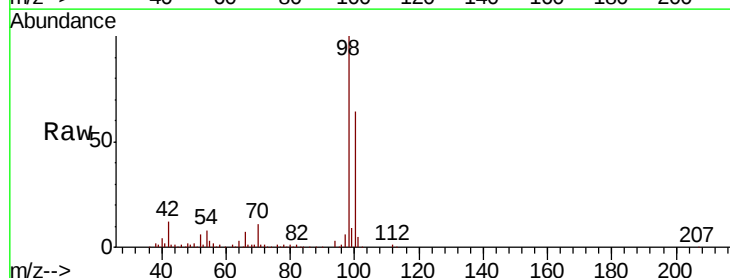


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

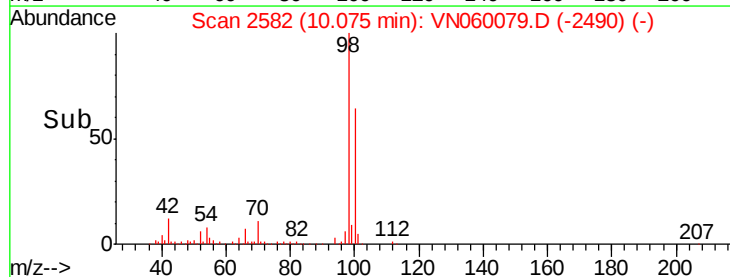
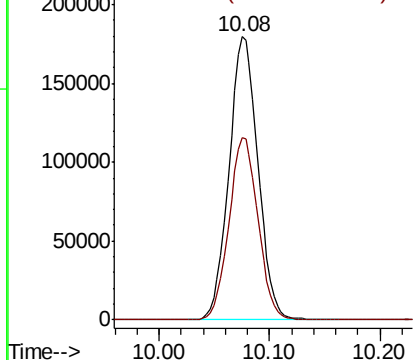


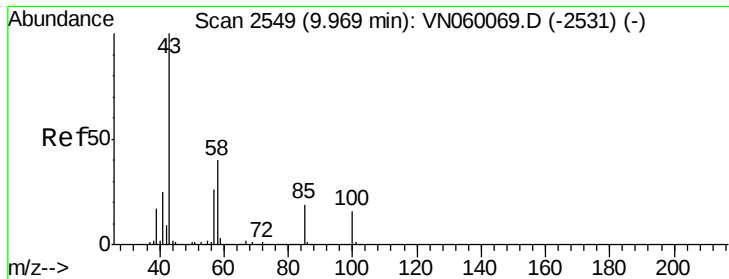
#50
Toluene-d8
Concen: 49.805 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

Tgt Ion: 98 Resp: 326991
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



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: 0.497 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.01 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

Instrument :

MSVOA_N

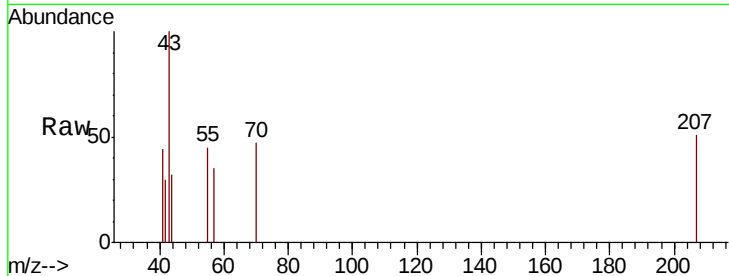
ClientSampled :

Tot Ion: 43 Resp: 1117

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060069.D (-2531) (-)

9.98

600

500

400

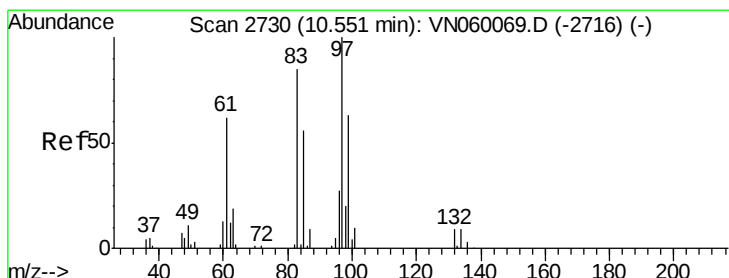
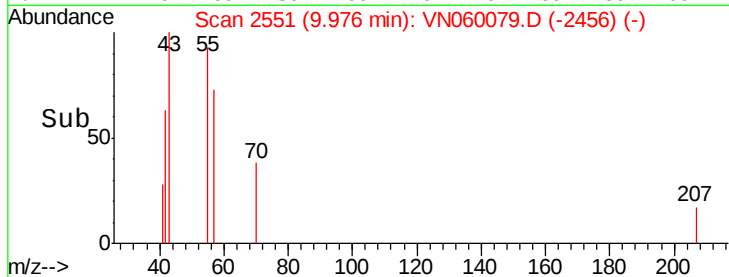
300

200

100

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 3.361 ug/l

RT: 10.52 min Scan# 2720

Delta R.T. -0.03 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

Tgt Ion: 97 Resp: 6266

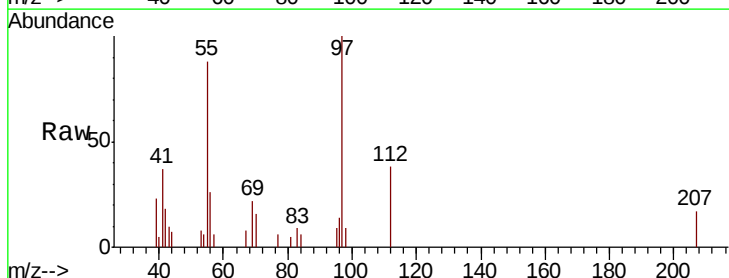
Ion Ratio Lower Upper

97 100

83 8.6 67.9 101.9#

85 0.0 44.6 67.0#

99 0.0 50.1 75.1#



Abundance Ion 96.90 (96.60 to 97.60): VN060069.D (-2716) (-)

Ion 82.90 (82.60 to 83.60): VN060069.D (-2716) (-)

Ion 84.90 (84.60 to 85.60): VN060069.D (-2716) (-)

Ion 98.90 (98.60 to 99.60): VN060069.D (-2716) (-)

10.52

5000

4000

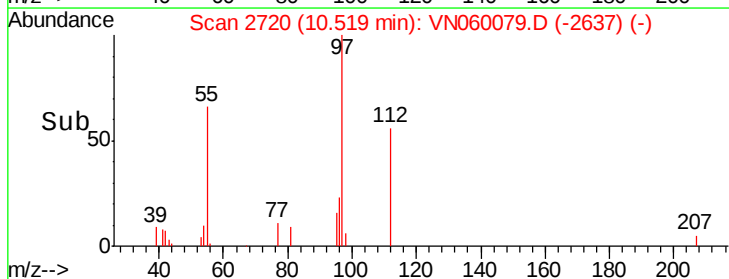
3000

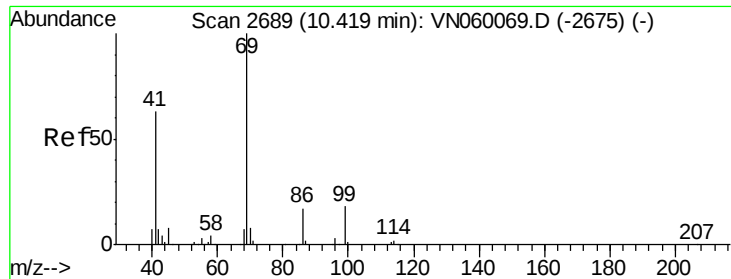
2000

1000

0

Time-->

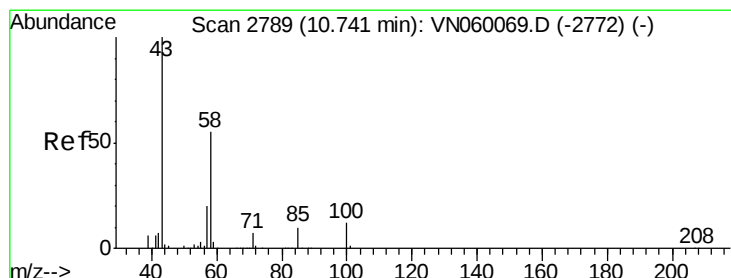
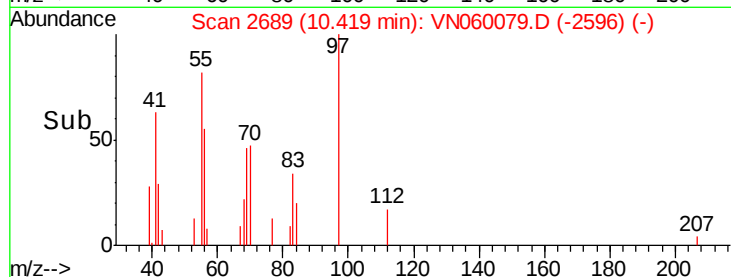
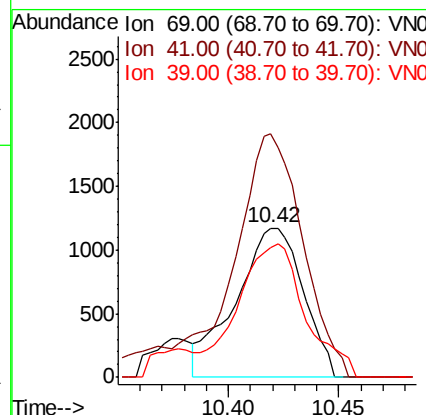
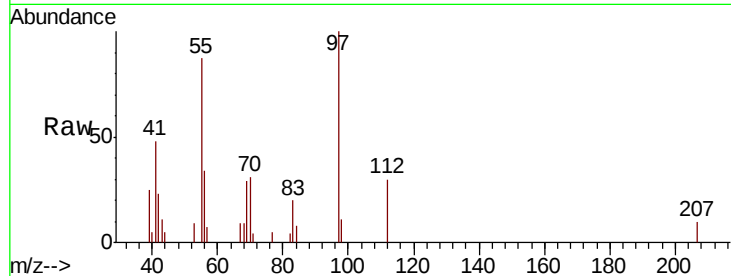




#56
Ethyl methacrylate
Concen: 0.943 ug/l
RT: 10.42 min Scan# 2689
Delta R.T. -0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

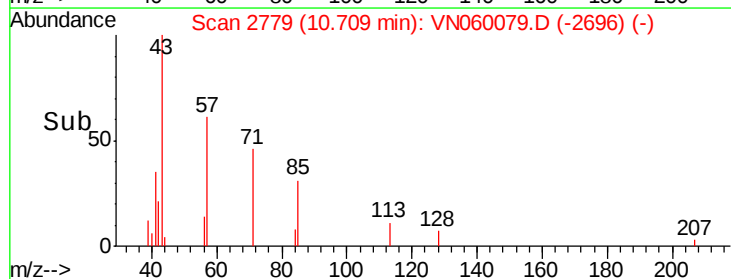
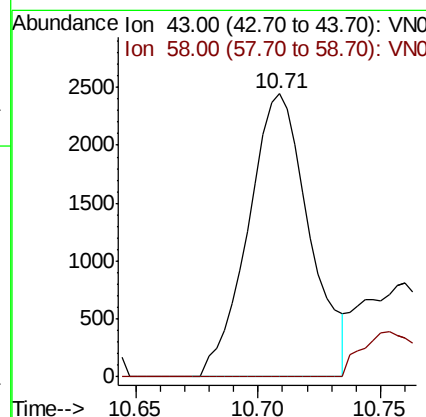
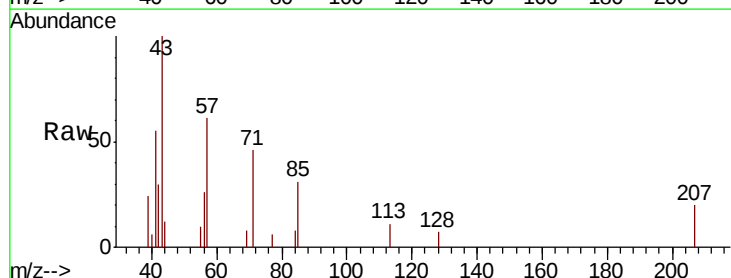
Instrument :
MSVOA_N
ClientSampled :

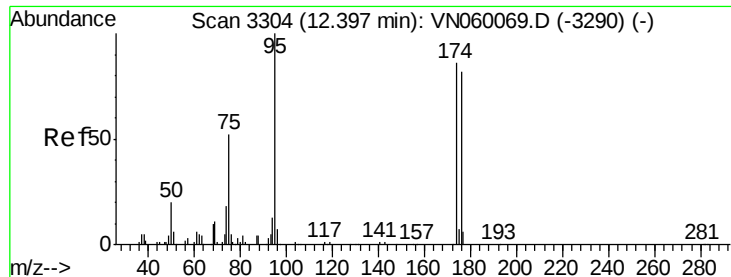
Tot Ion: 69 Resp: 2486
Ion Ratio Lower Upper
69 100
41 178.9 51.1 76.7#
39 89.5 33.8 50.8#



#59
2-Hexanone
Concen: 2.450 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. -0.03 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

Tgt Ion: 43 Resp: 4251
Ion Ratio Lower Upper
43 100
58 0.0 27.5 82.4#

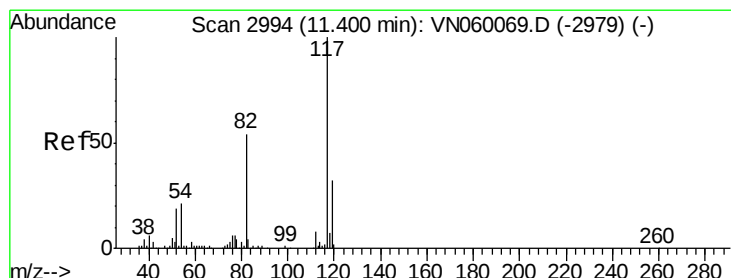
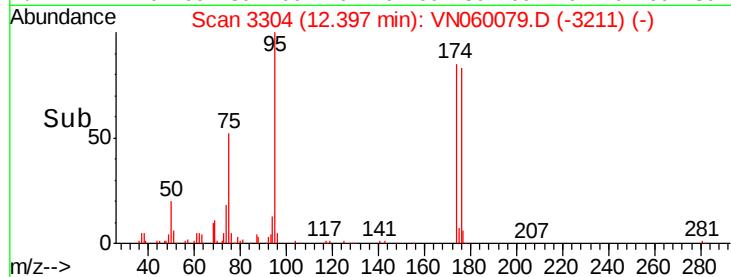
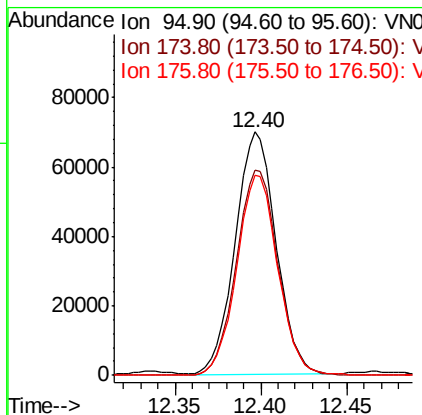
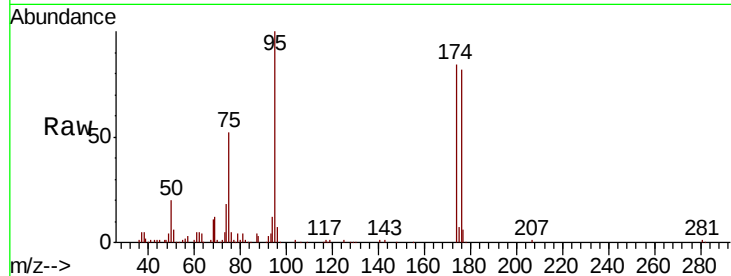




#62
4-Bromofluorobenzene
Concen: 47.828 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

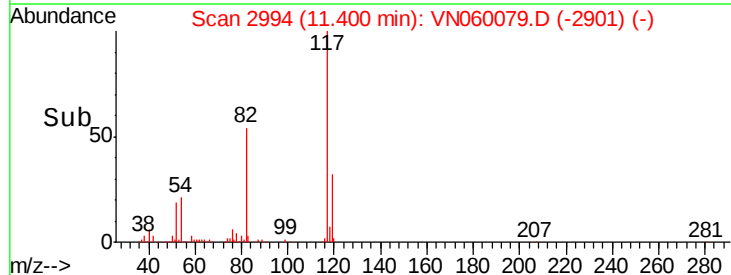
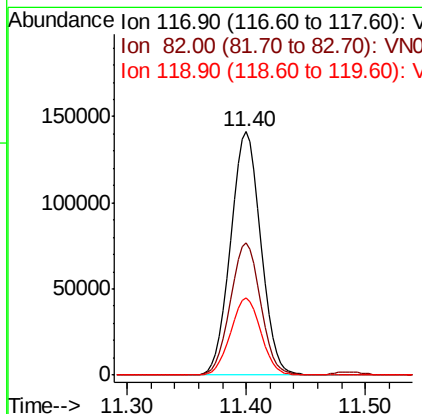
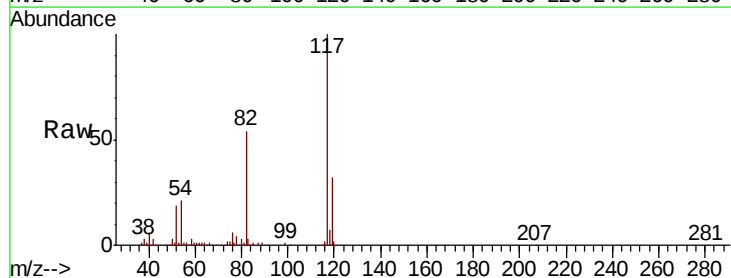
Instrument :
MSVOA_N
ClientSampled :

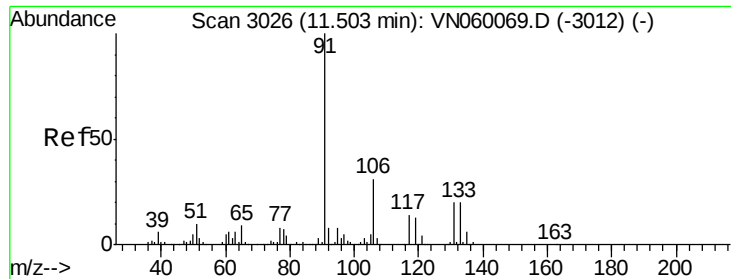
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	169.8
176	83.2	0.0	164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.4	65.0
119	31.7	25.8	38.6

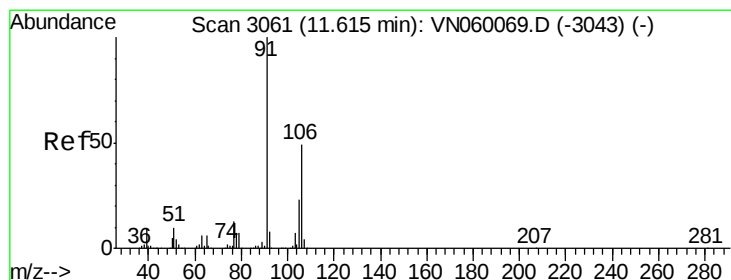
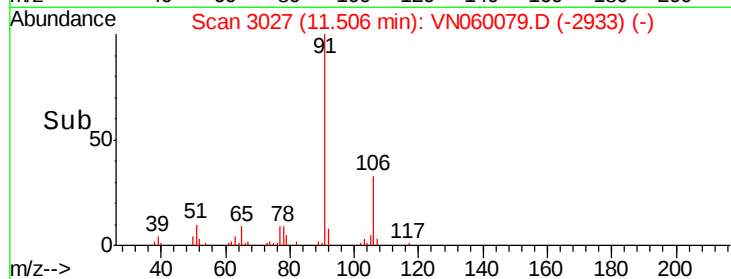
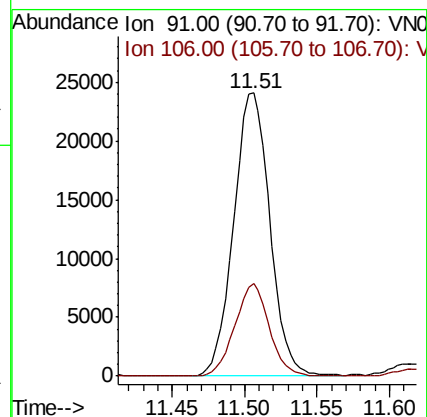
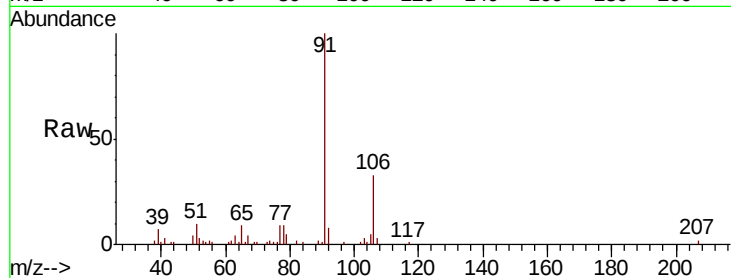




#67
Ethyl Benzene
Concen: 4.573 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

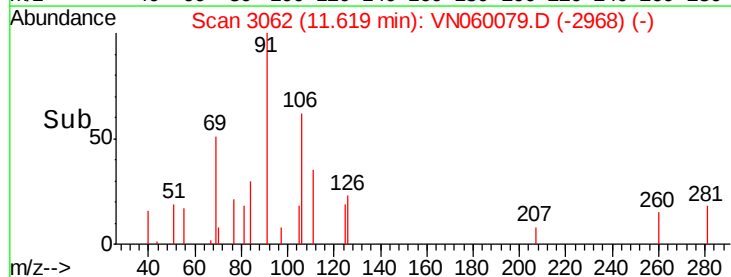
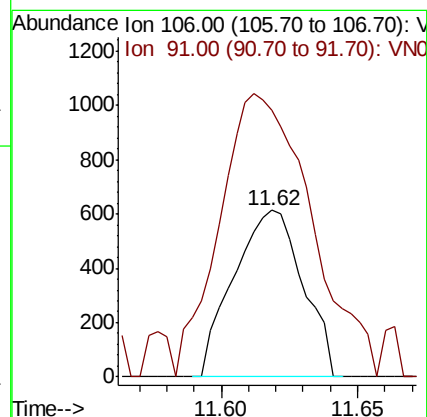
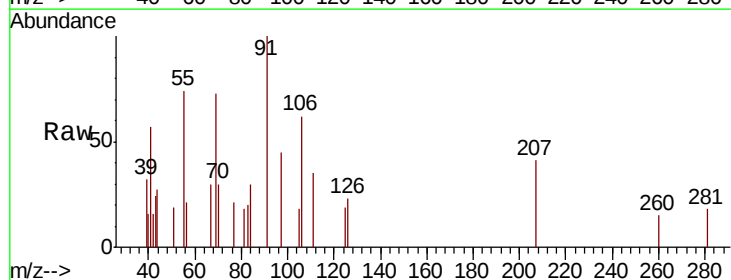
Instrument :
MSVOA_N
ClientSampled :

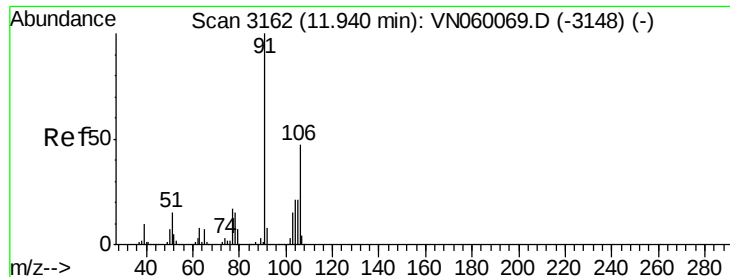
Tot Ion: 91 Resp: 41711
Ion Ratio Lower Upper
91 100
106 32.6 25.1 37.7



#68
m/p-Xylenes
Concen: 0.314 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

Tgt Ion: 106 Resp: 1076
Ion Ratio Lower Upper
106 100
91 225.9 162.7 244.1

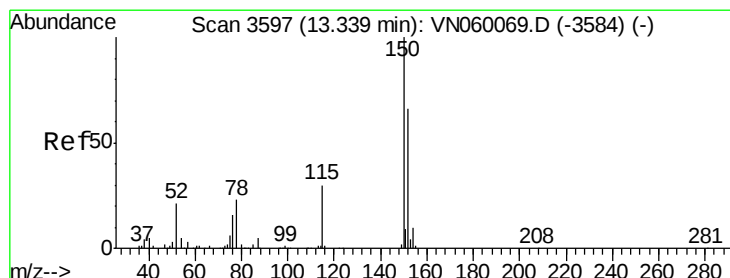
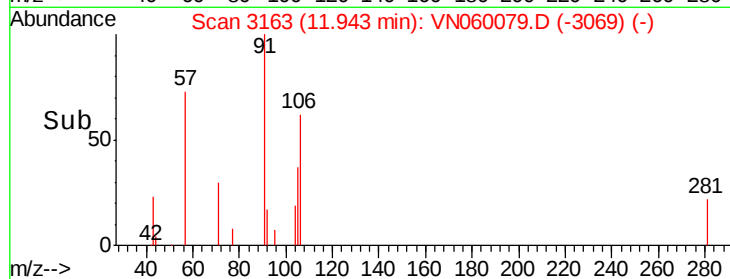
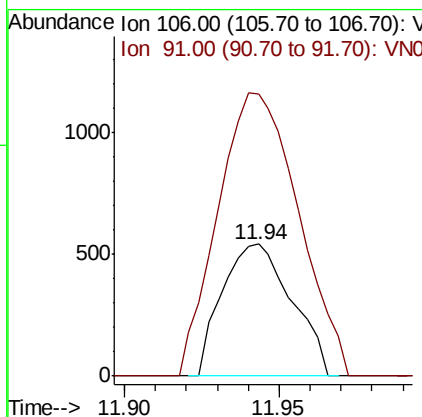
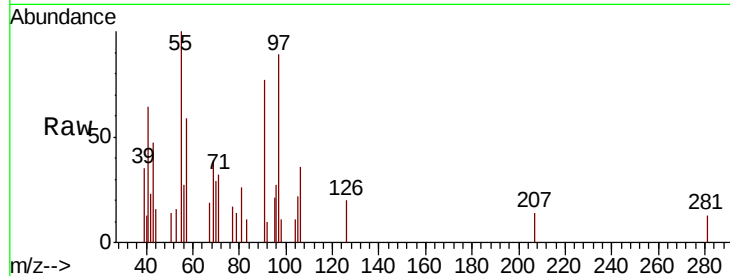




#69
o-Xylene
Concen: 0.258 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

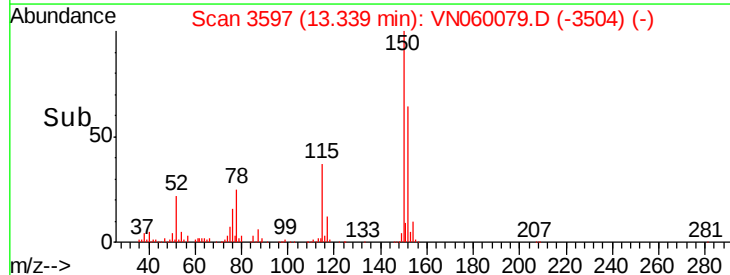
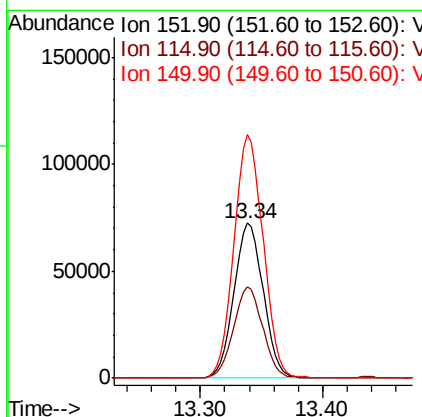
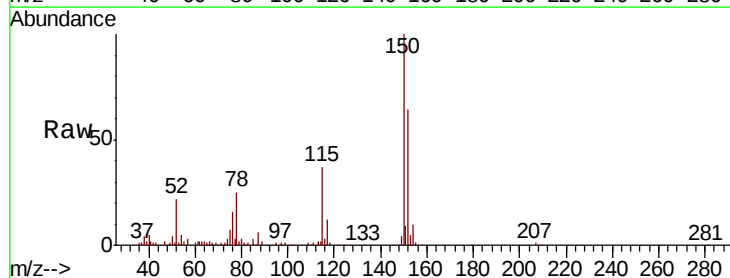
Instrument :
MSVOA_N
ClientSampled :

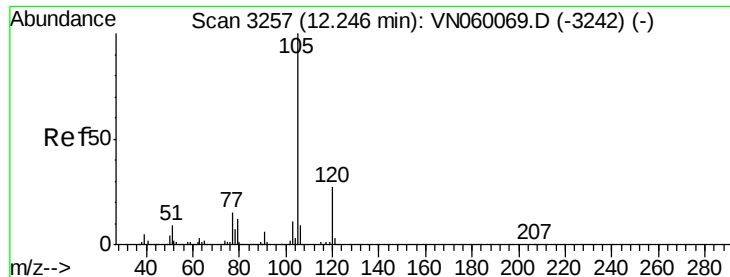
Tot Ion:106 Resp: 850
Ion Ratio Lower Upper
106 100
91 247.5 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

Tgt Ion:152 Resp: 121307
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 156.5 0.0 342.4





#73

Isopropylbenzene

Concen: 4.004 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

Instrument :

MSVOA_N

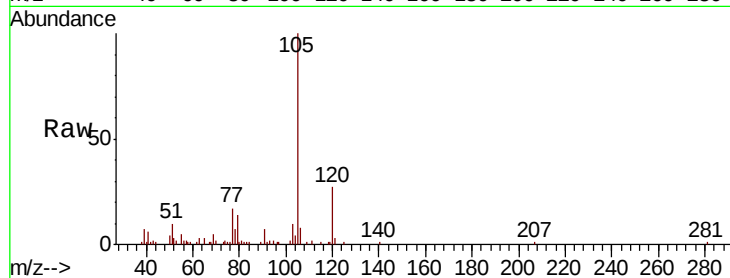
ClientSampled :

Tot Ion:105 Resp: 36273

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

25000

20000

15000

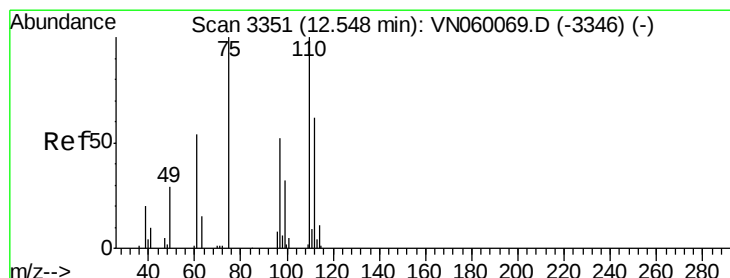
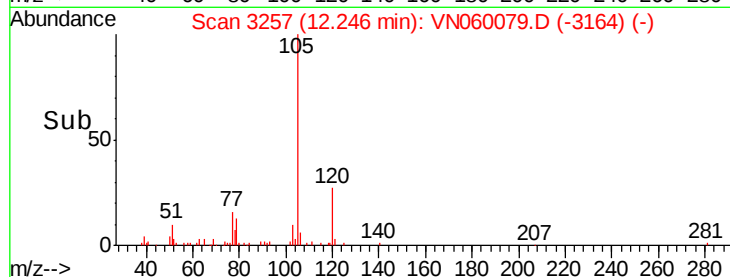
10000

5000

0

Time-->

12.20 12.25 12.30



#76

1,2,3-Trichloropropane

Concen: 25.922 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060079.D

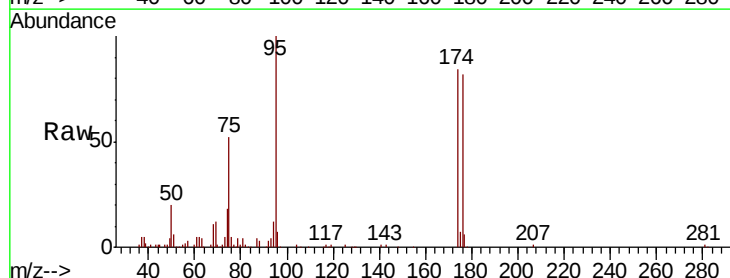
Acq: 12 Feb 2020 17:30

Tgt Ion: 75 Resp: 60161

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

40000

30000

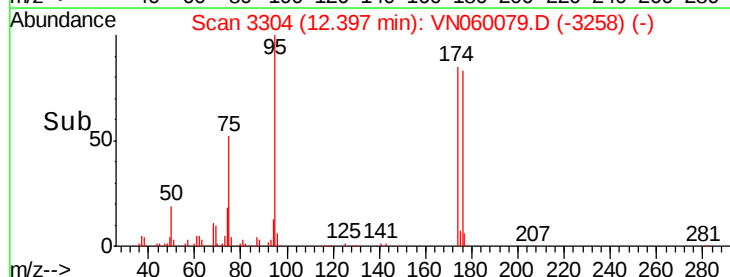
20000

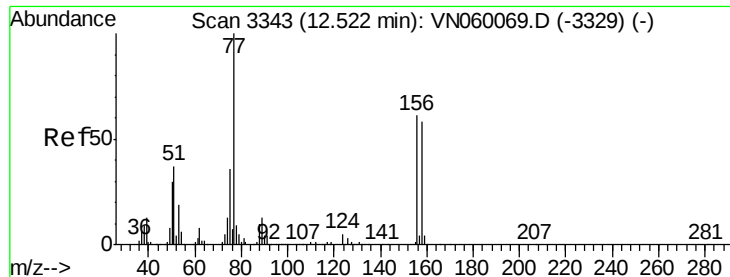
10000

0

Time-->

12.35 12.40 12.45





#77

Bromobenzene

Concen: 0.351 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

Instrument :

MSVOA_N

ClientSampled :

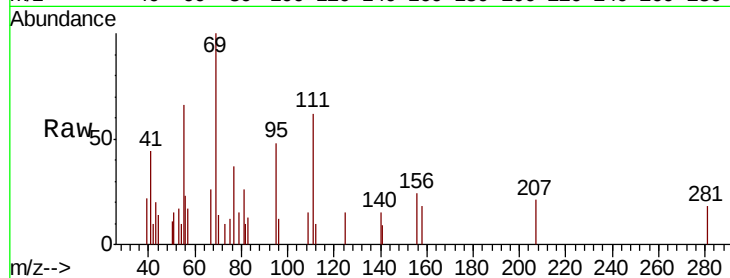
Tot Ion:156 Resp: 788

Ion Ratio Lower Upper

156 100

77 103.3 98.7 296.1

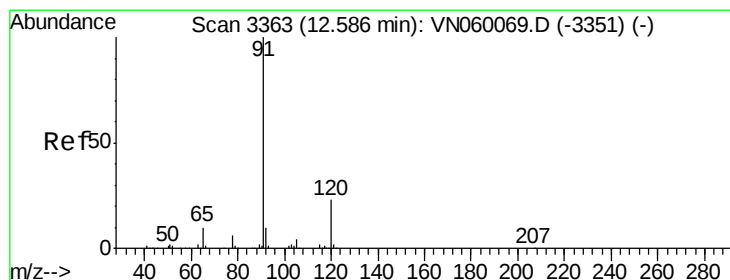
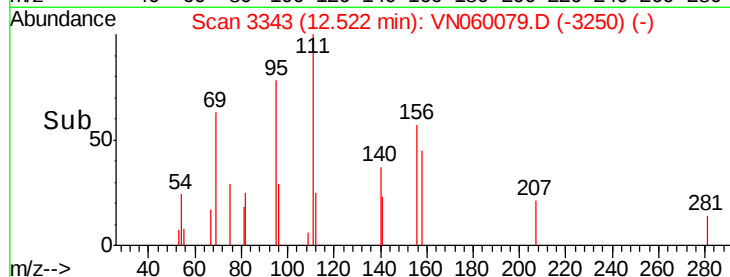
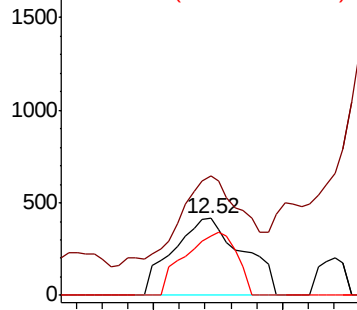
158 60.7 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.658 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060079.D

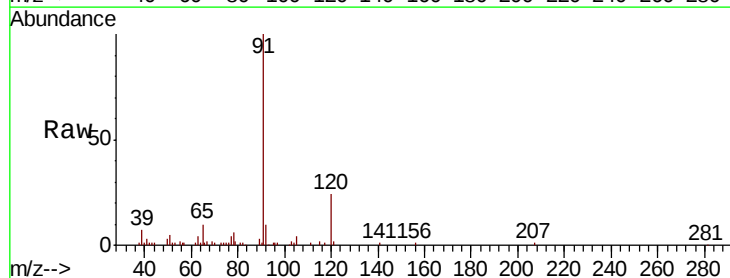
Acq: 12 Feb 2020 17:30

Tgt Ion: 91 Resp: 58395

Ion Ratio Lower Upper

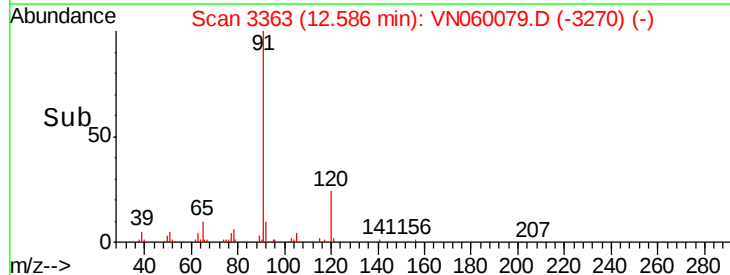
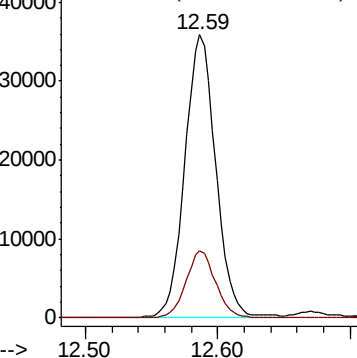
91 100

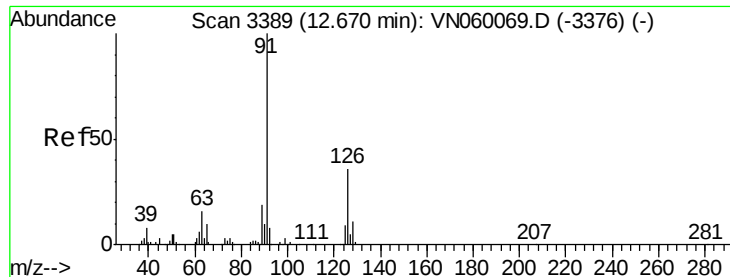
120 22.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

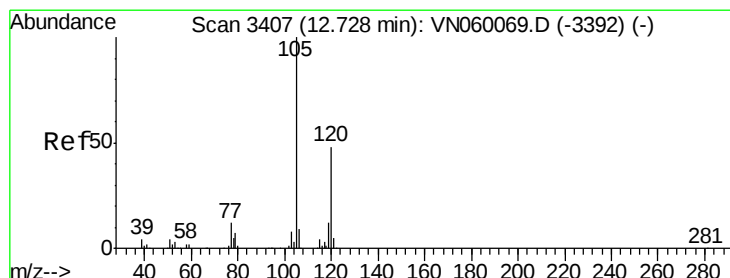
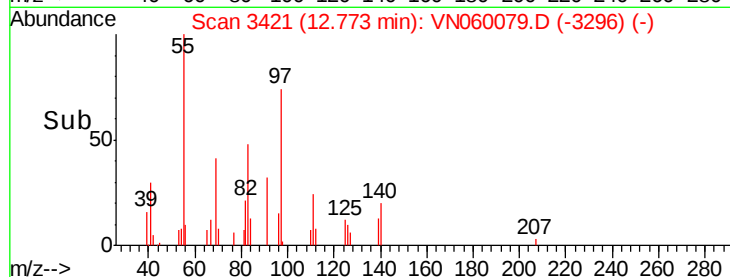
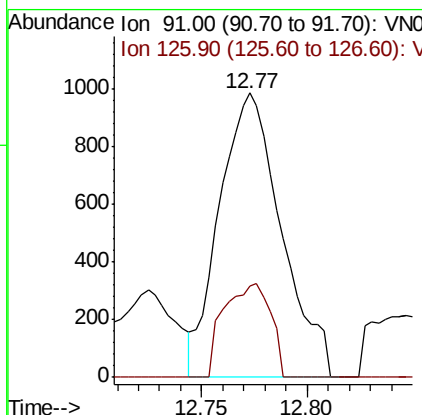
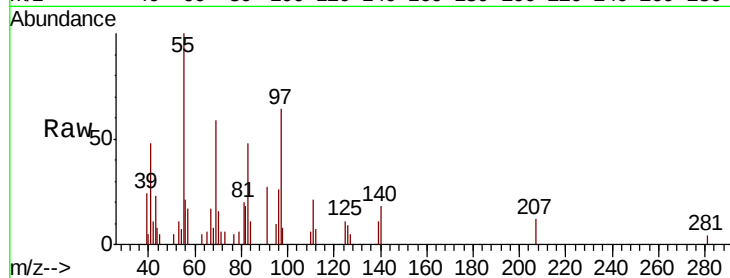




#79
 2-Chlorotoluene
 Concen: 0.330 ug/l
 RT: 12.77 min Scan# 3421
 Delta R.T. 0.10 min
 Lab File: VN060079.D
 Acq: 12 Feb 2020 17:30

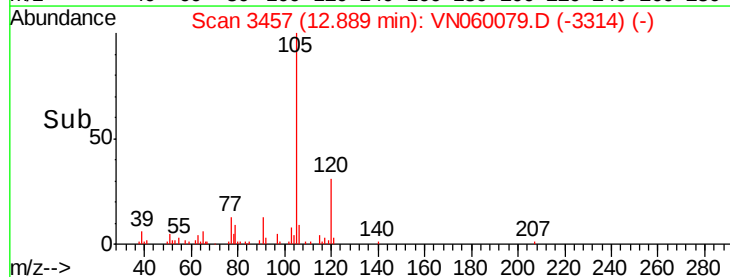
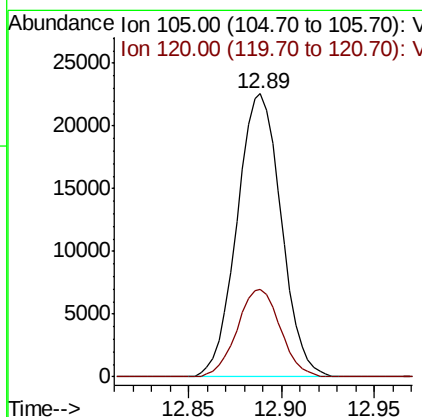
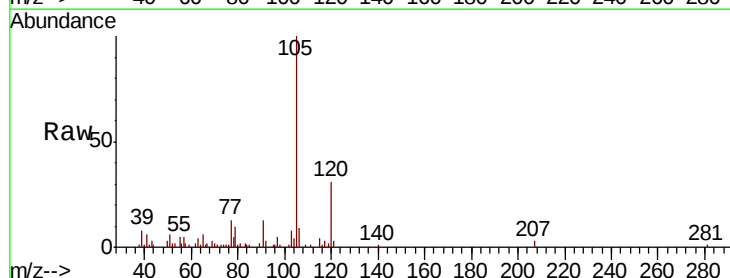
Instrument :
 MSVOA_N
 ClientSampled :

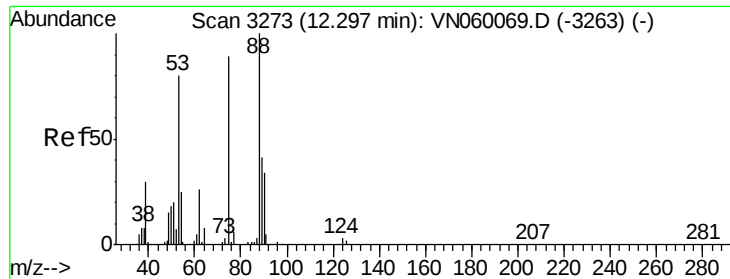
Tot Ion: 91 Resp: 1999
 Ion Ratio Lower Upper
 91 100
 126 24.5 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 4.968 ug/l
 RT: 12.89 min Scan# 3457
 Delta R.T. 0.16 min
 Lab File: VN060079.D
 Acq: 12 Feb 2020 17:30

Tgt Ion: 105 Resp: 37421
 Ion Ratio Lower Upper
 105 100
 120 30.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 63.470 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

Instrument :

MSVOA_N

ClientSampleId :

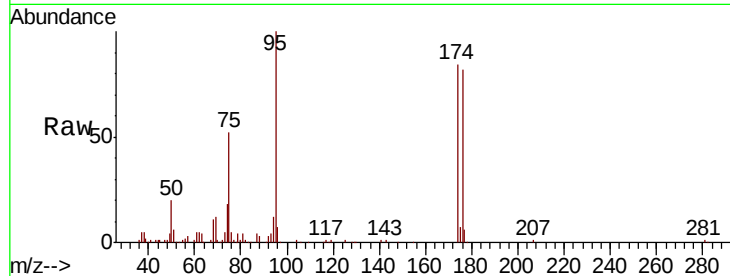
Tot Ion: 75 Resp: 60161

Ion Ratio Lower Upper

75 100

53 0.4 73.9 110.9#

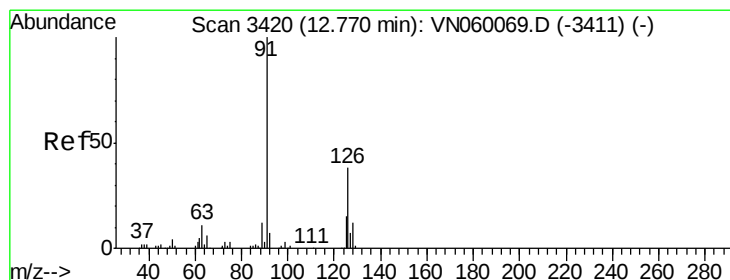
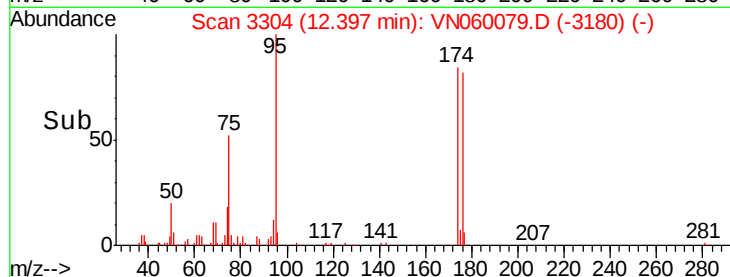
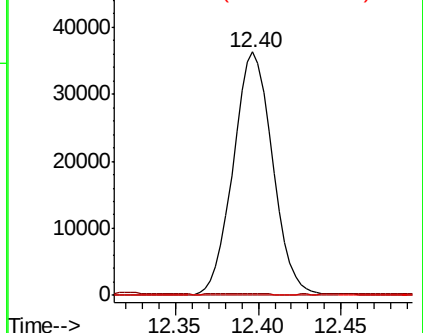
89 0.0 37.0 55.4#



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: 0.321 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN060079.D

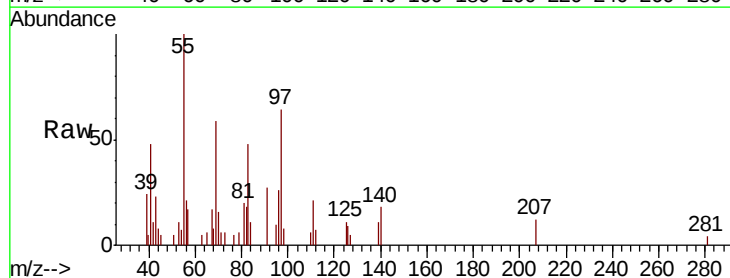
Acq: 12 Feb 2020 17:30

Tgt Ion: 91 Resp: 1999

Ion Ratio Lower Upper

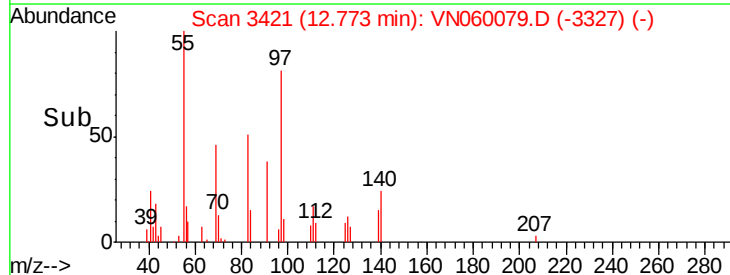
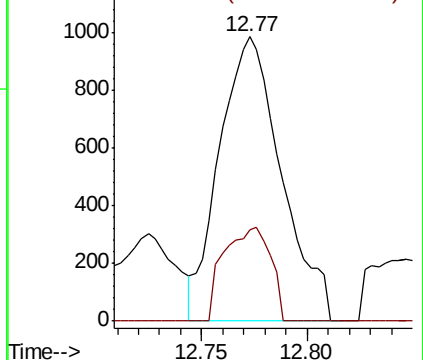
91 100

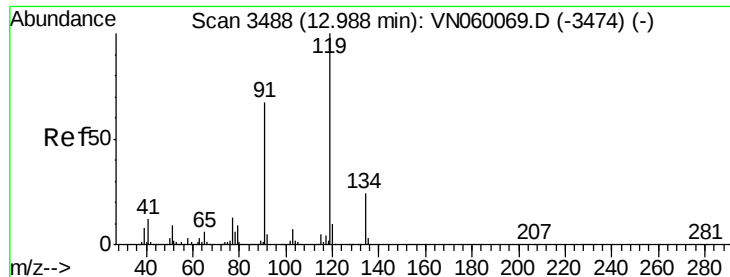
126 24.5 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

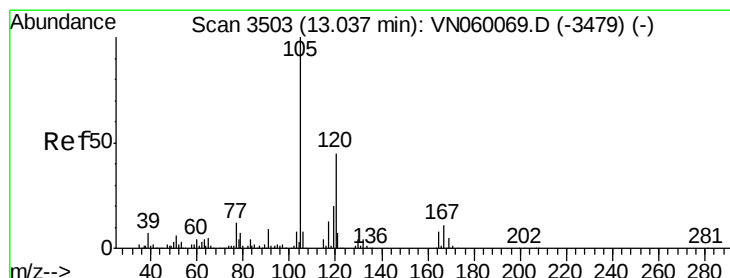
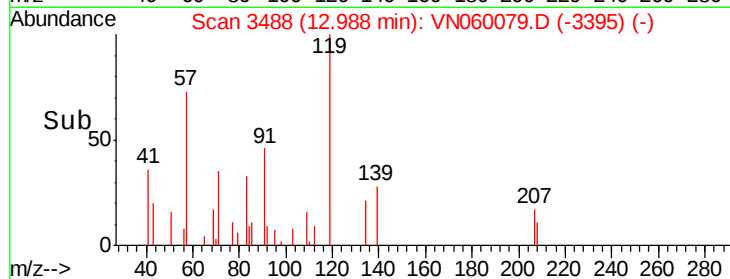
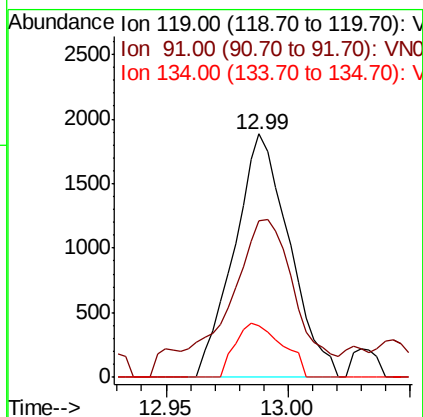
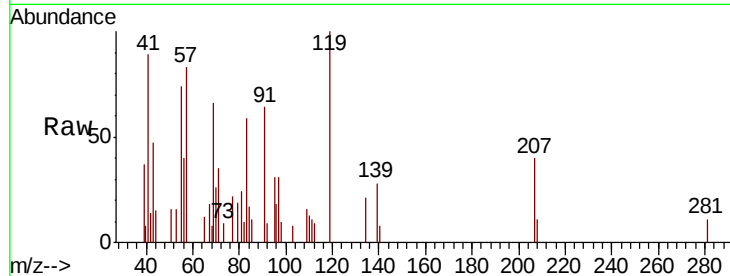




#83
tert-Butylbenzene
Concen: 0.441 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

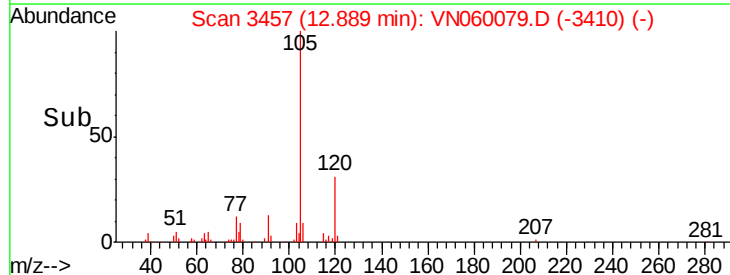
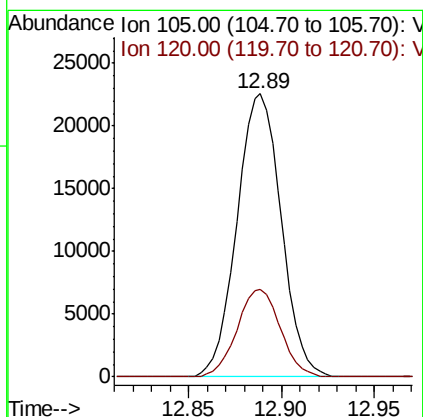
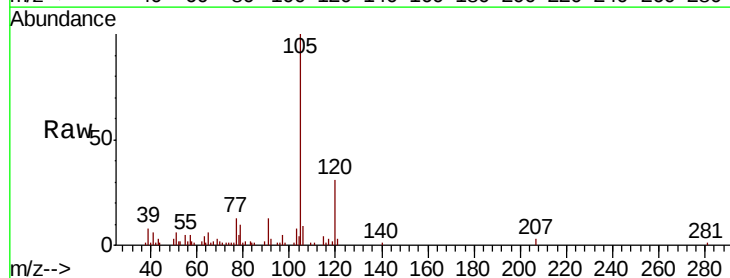
Instrument :
MSVOA_N
ClientSampleId :

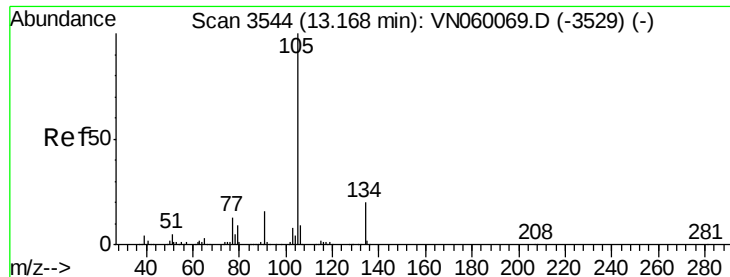
Tot Ion:119 Resp: 2938
Ion Ratio Lower Upper
119 100
91 82.4 32.7 98.1
134 19.2 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 5.033 ug/l
RT: 12.89 min Scan# 3457
Delta R.T. -0.15 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

Tgt Ion:105 Resp: 37421
Ion Ratio Lower Upper
105 100
120 30.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 7.356 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

Instrument :

MSVOA_N

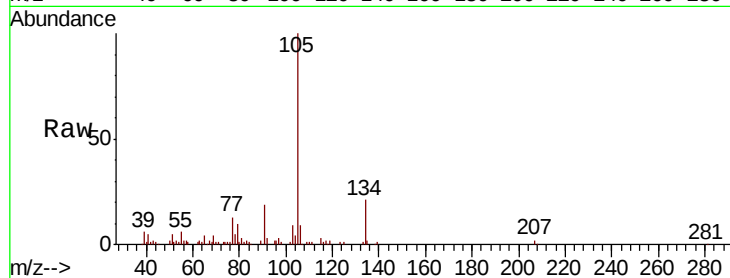
ClientSampled :

Tot Ion:105 Resp: 64911

Ion Ratio Lower Upper

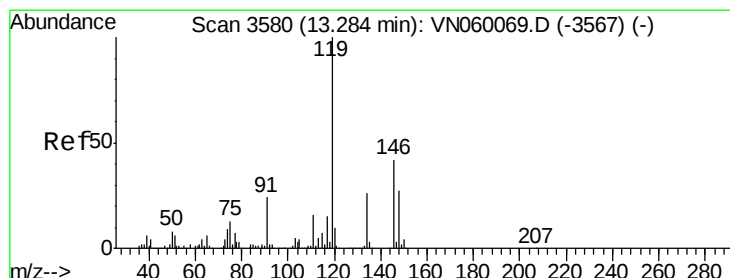
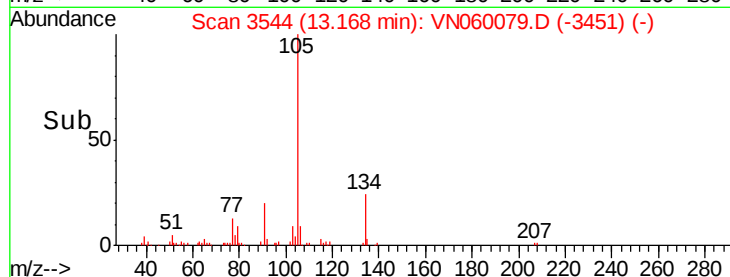
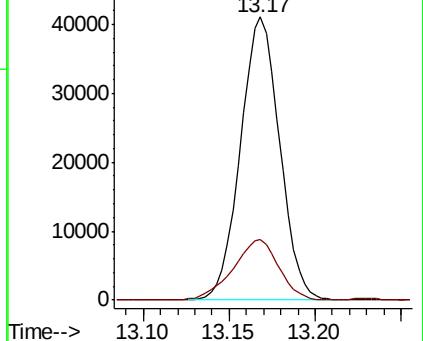
105 100

134 25.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.436 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

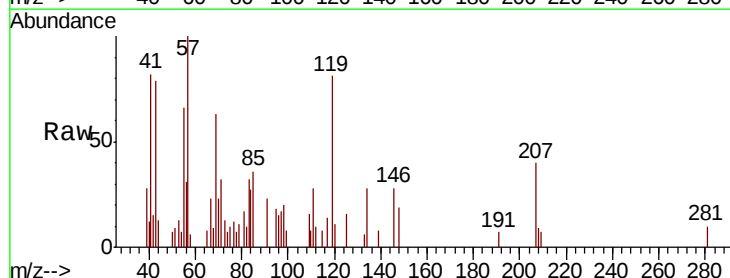
Tgt Ion:119 Resp: 3486

Ion Ratio Lower Upper

119 100

134 28.5 13.3 39.8

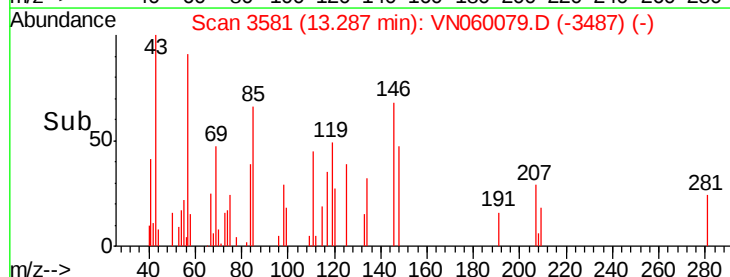
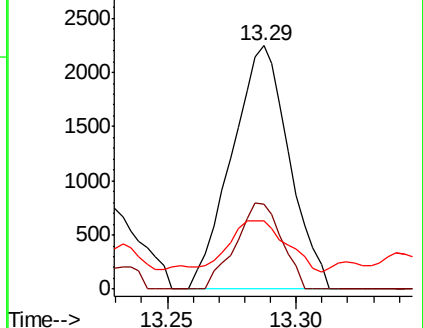
91 20.9 11.9 35.9

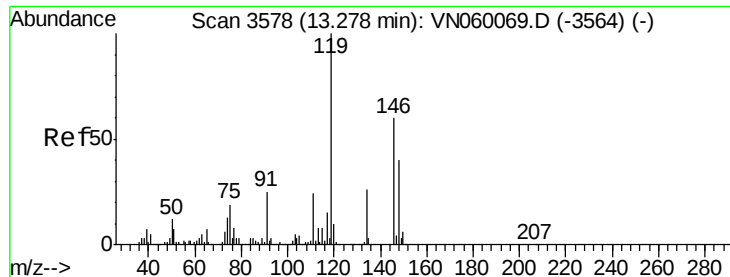


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

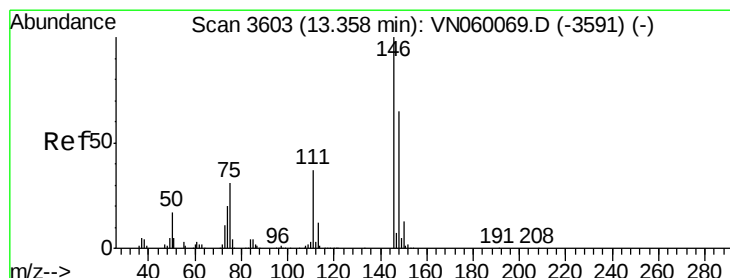
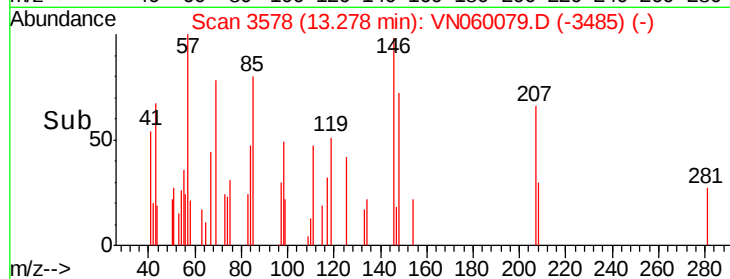
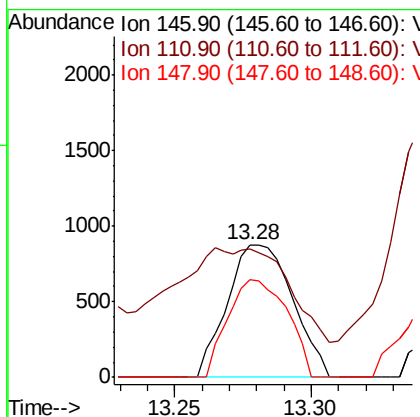
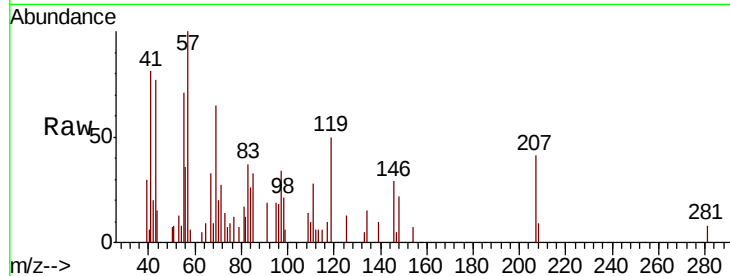




#87
 1,3-Dichlorobenzene
 Concen: 0.367 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060079.D
 Acq: 12 Feb 2020 17:30

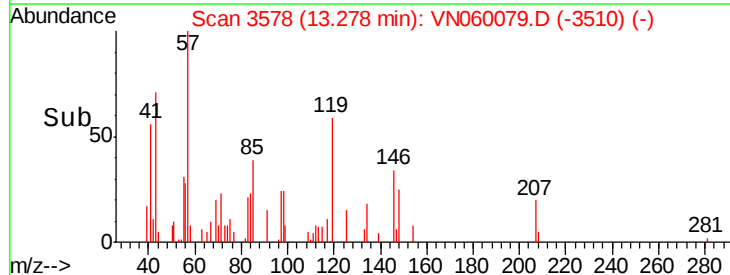
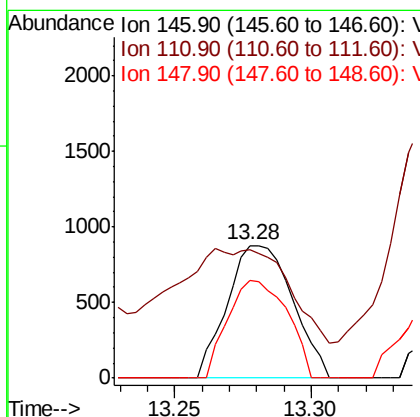
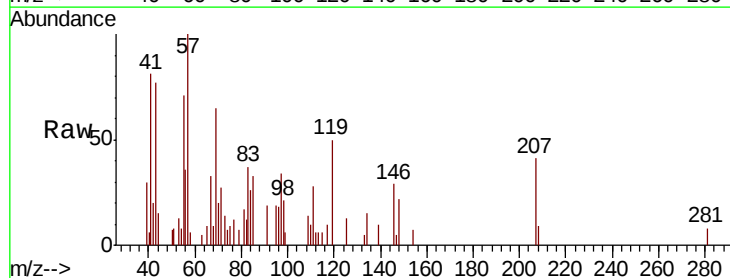
Instrument :
 MSVOA_N
 ClientSampleId :

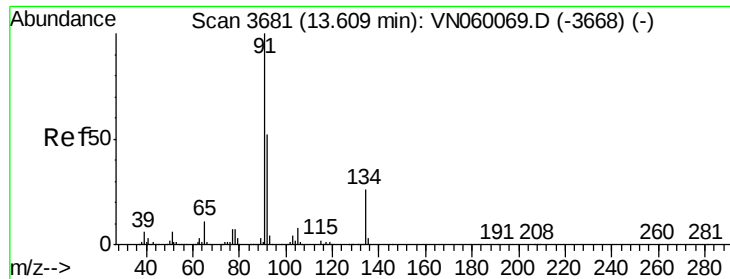
Tot Ion:146 Resp: 1460
 Ion Ratio Lower Upper
 146 100
 111 35.4 19.8 59.3
 148 67.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 0.367 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.08 min
 Lab File: VN060079.D
 Acq: 12 Feb 2020 17:30

Tgt Ion:146 Resp: 1460
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.9 56.5
 148 67.1 32.0 96.0

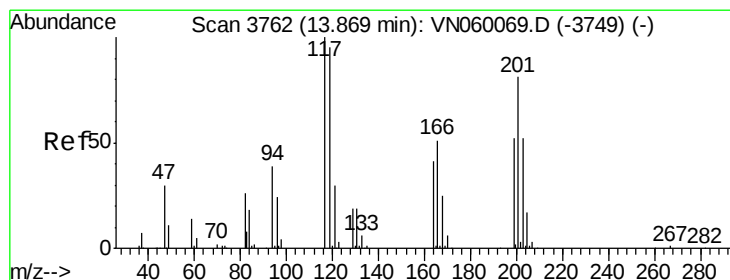
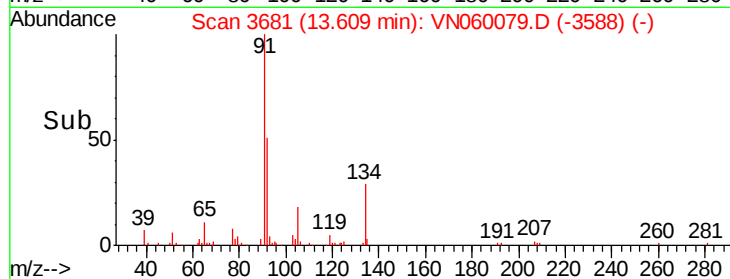
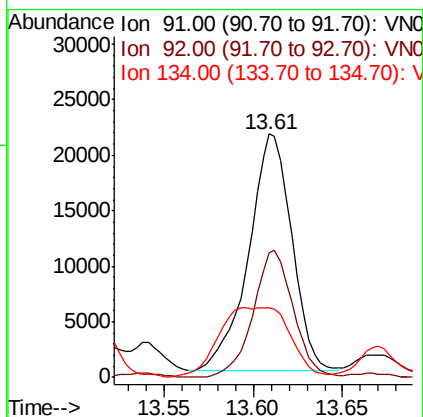
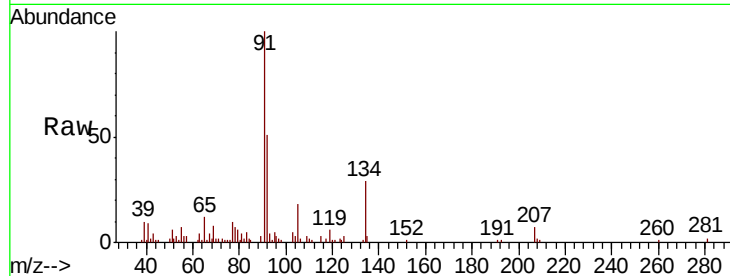




#89
n-Butylbenzene
Concen: 5.164 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

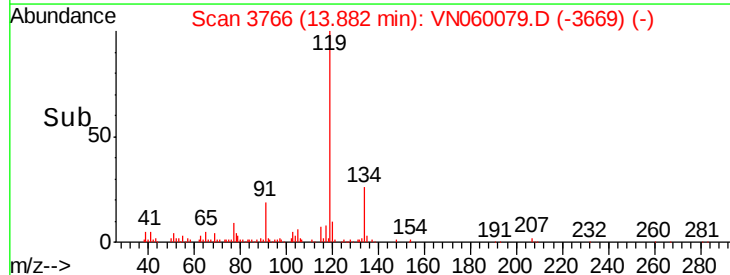
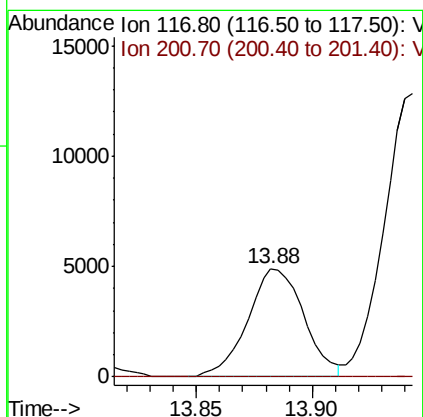
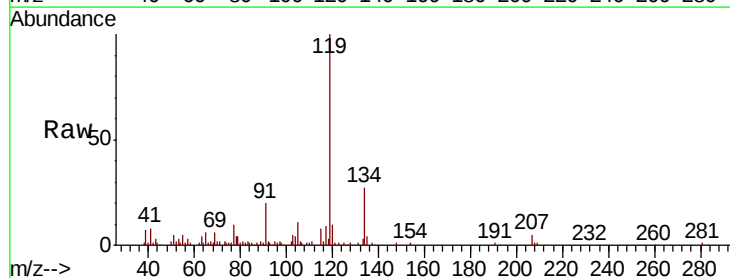
Instrument :
MSVOA_N
ClientSampled :

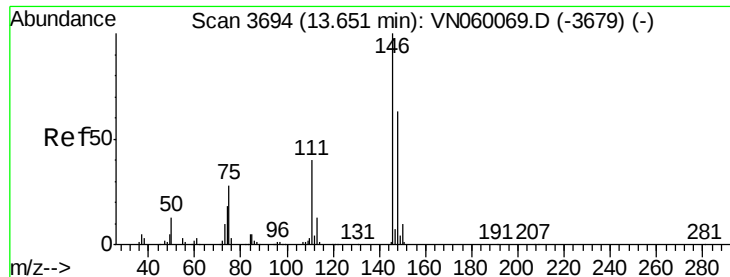
Tot Ion: 91 Resp: 36315
Ion Ratio Lower Upper
91 100
92 49.7 26.1 78.2
134 23.8 13.1 39.3



#90
Hexachloroethane
Concen: 5.559 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.01 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

Tgt Ion: 117 Resp: 8302
Ion Ratio Lower Upper
117 100
201 0.0 41.7 125.1#





#91

1,2-Dichlorobenzene

Concen: 0.467 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060079.D

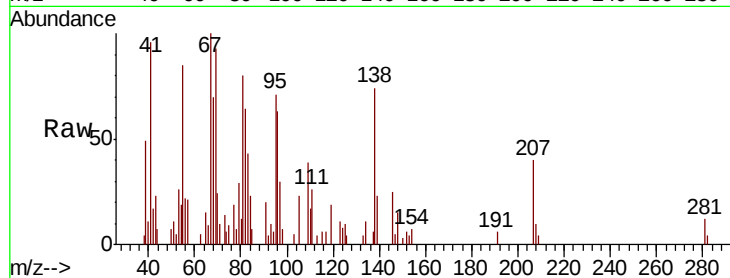
Acq: 12 Feb 2020 17:30

Instrument :

MSVOA_N

ClientSampled :

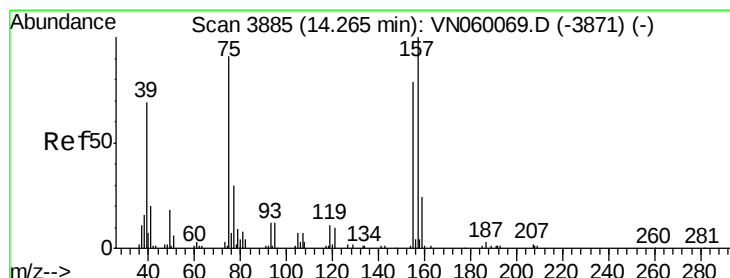
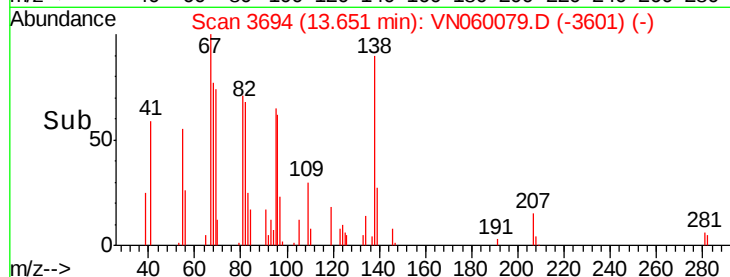
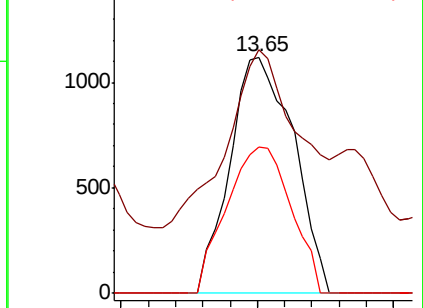
Tot Ion:	146	Resp:	1820
Ion	Ratio	Lower	Upper
146	100		
111	84.0	20.1	60.2#
148	62.6	31.9	95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

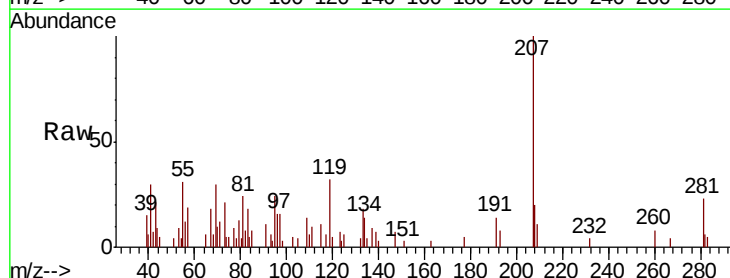
RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN060079.D

Acq: 12 Feb 2020 17:30

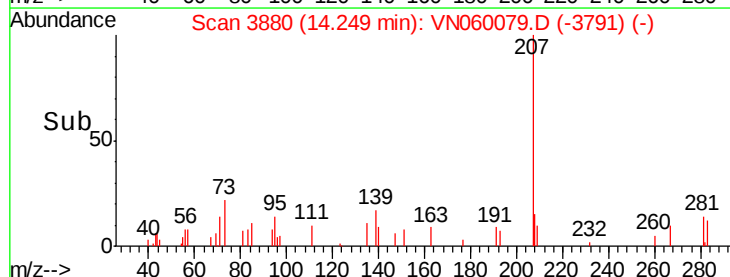
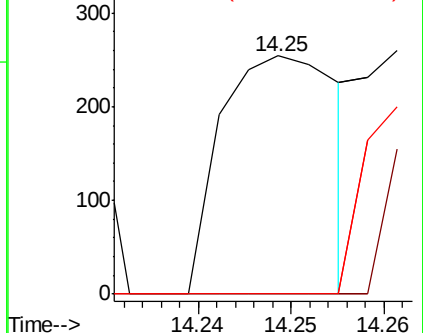
Tgt Ion:	75	Resp:	223
Ion	Ratio	Lower	Upper
75	100		
155	13.5	43.0	129.0#
157	133.6	54.9	164.5

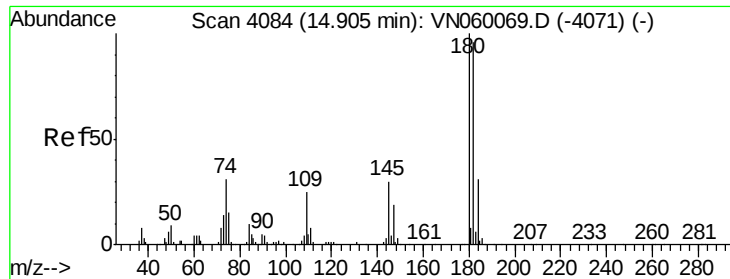


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

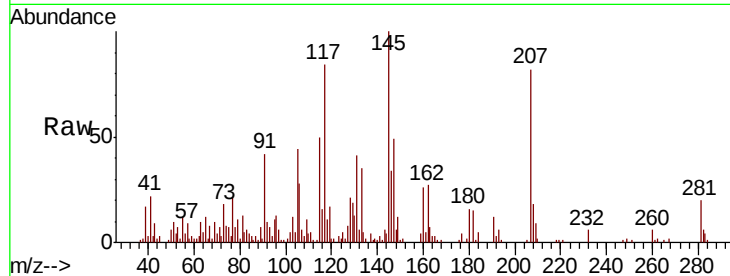




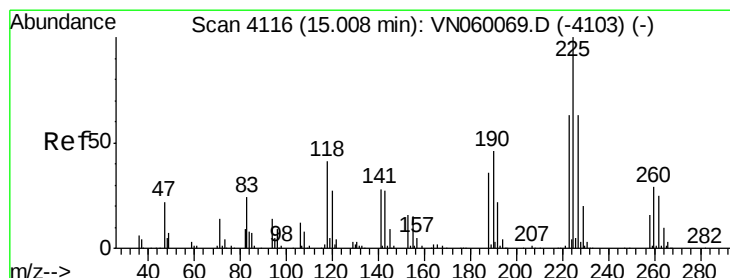
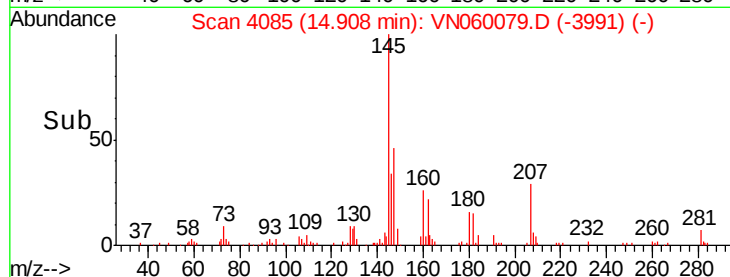
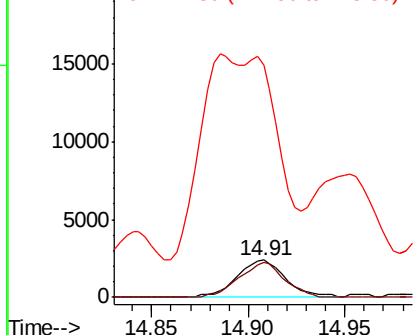
#93
 1,2,4-Trichlorobenzene
 Concen: 1.830 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060079.D
 Acq: 12 Feb 2020 17:30

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 4187
 Ion Ratio Lower Upper
 180 100
 182 86.7 47.9 143.8
 145 0.0 15.2 45.5#

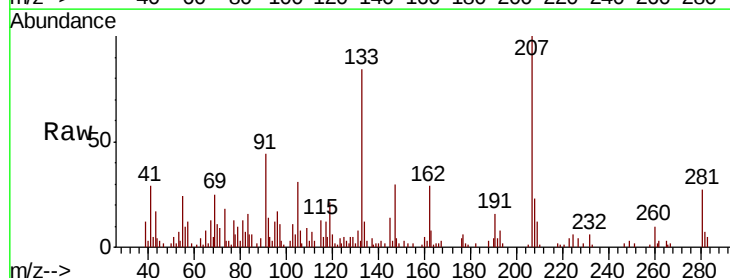


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

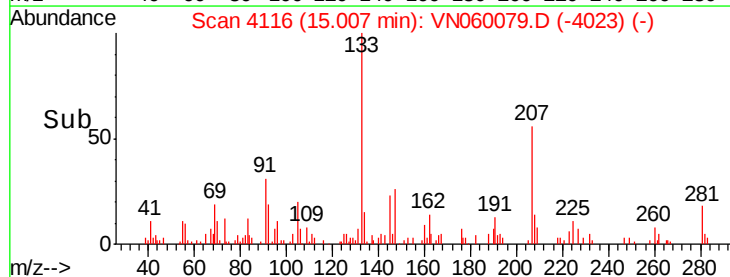
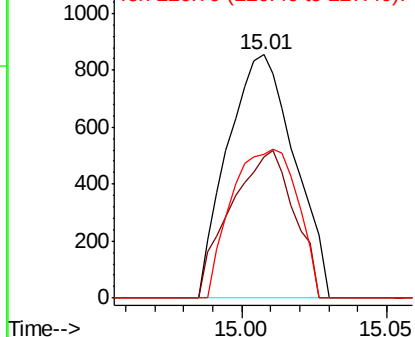


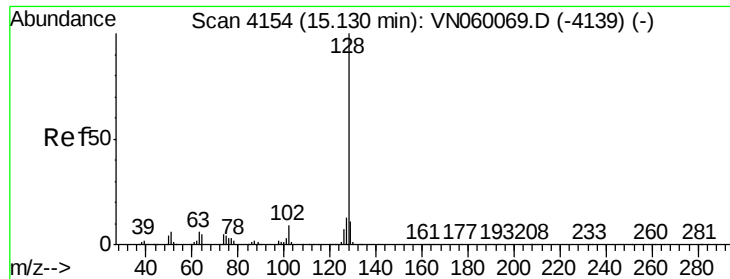
#94
 Hexachlorobutadiene
 Concen: 1.021 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060079.D
 Acq: 12 Feb 2020 17:30

Tgt Ion:225 Resp: 1368
 Ion Ratio Lower Upper
 225 100
 223 57.5 31.5 94.5
 227 60.4 31.8 95.4



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

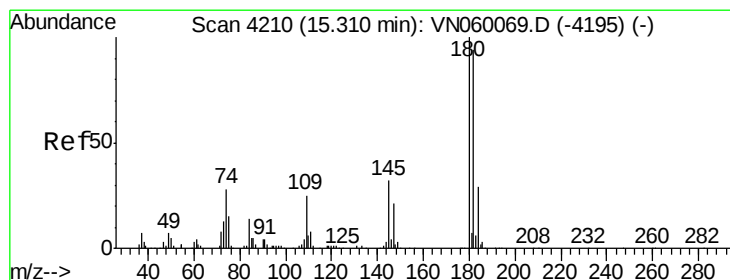
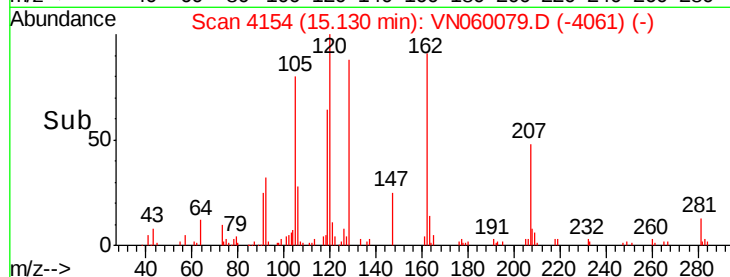
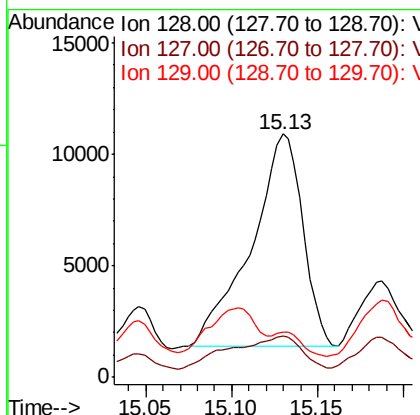
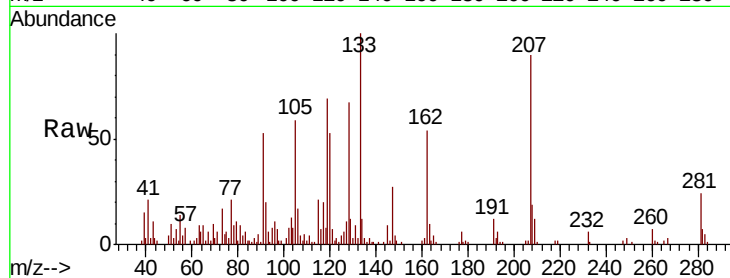




#95
Naphthalene
Concen: 3.226 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 19940
Ion Ratio Lower Upper
128 100
127 21.2 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.310 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060079.D
Acq: 12 Feb 2020 17:30

Tgt Ion:180 Resp: 5263
Ion Ratio Lower Upper
180 100
182 75.0 47.5 142.5
145 0.0 16.1 48.3#

