

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021220\
 Data File : VN060077.D
 Acq On : 12 Feb 2020 16:44
 Operator : JC/MD
 Sample : L1491-04MEDL 10X
 Misc : 11.59g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 13 00:37:12 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	199962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	317741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	294946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132523	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	115808	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
35) Dibromofluoromethane	7.56	113	95629	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
50) Toluene-d8	10.08	98	381952	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	136727	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	

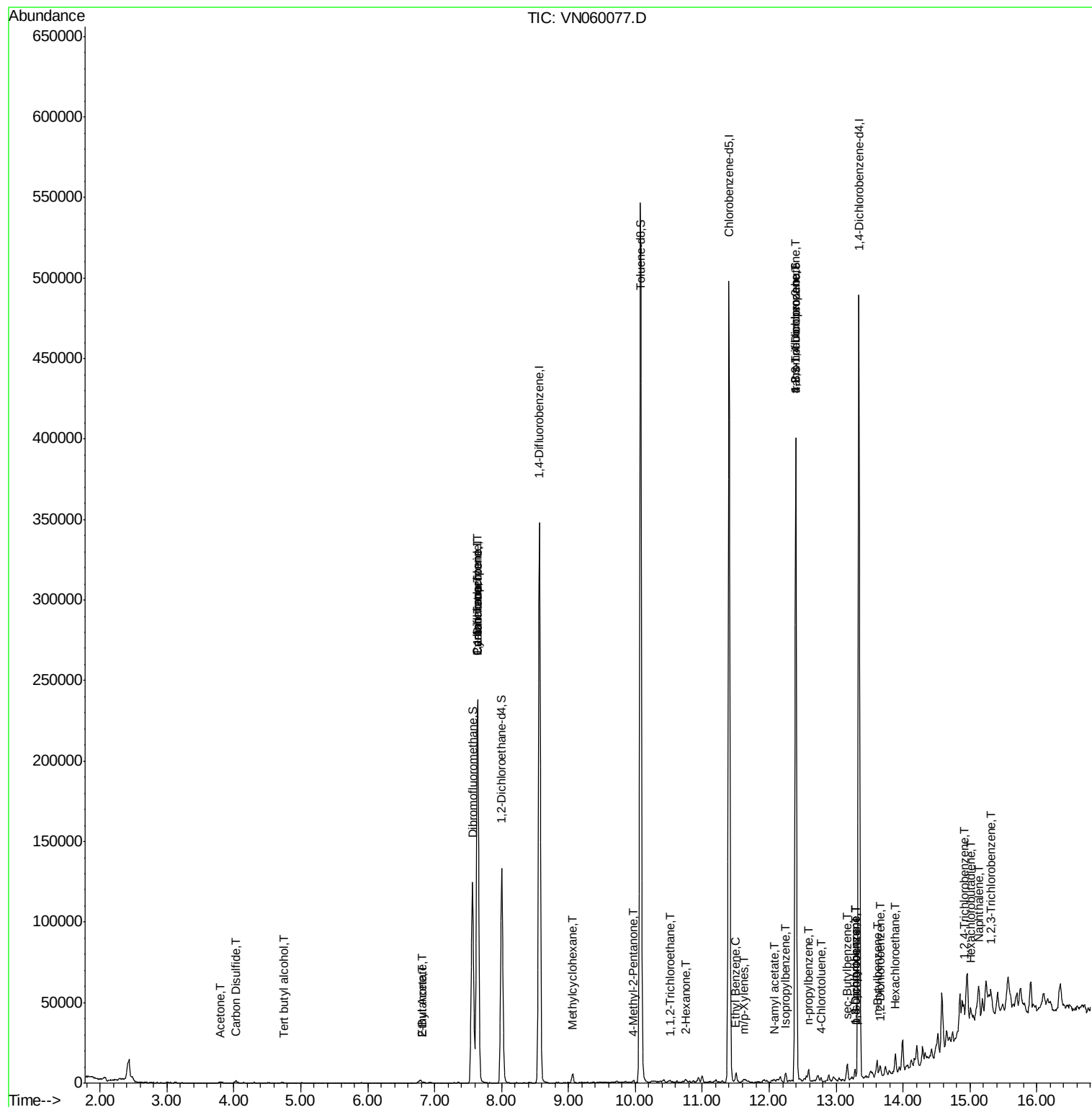
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.74	59	89	0.244	ug/l #	72
16) Acetone	3.80	43	751	0.708	ug/l #	43
17) Carbon Disulfide	4.03	76	2750	0.483	ug/l #	76
25) 2-Butanone	6.82	43	572	0.429	ug/l #	46
31) Cyclohexane	7.64	56	4493	1.306	ug/l #	10
36) 1,1-Dichloropropene	7.64	75	14310	4.862	ug/l #	50
37) Ethyl Acetate	6.82	43	572	0.215	ug/l #	68
38) Carbon Tetrachloride	7.64	117	19208	6.009	ug/l #	16
39) Methylcyclohexane	9.06	83	2640	0.723	ug/l #	88
51) 4-Methyl-2-Pentanone	9.97	43	966	0.367	ug/l #	86
55) 1,1,2-Trichloroethane	10.52	97	488	0.223	ug/l #	15
59) 2-Hexanone	10.75	43	1740	0.856	ug/l	75
67) Ethyl Benzene	11.50	91	4892	0.451	ug/l	89
68) m/p-Xylenes	11.62	106	866	0.213	ug/l	100
73) Isopropylbenzene	12.24	105	4426	0.447	ug/l	96
74) N-amyl acetate	12.07	43	834	0.234	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	70296	27.725	ug/l #	100
78) n-propylbenzene	12.59	91	7177	0.637	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	70296	67.885	ug/l #	12
82) 4-Chlorotoluene	12.77	91	1716	0.252	ug/l	100
85) sec-Butylbenzene	13.17	105	7281	0.755	ug/l	94
86) p-Isopropyltoluene	13.28	119	2249	0.258	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	1514	0.348	ug/l	92
88) 1,4-Dichlorobenzene	13.28	146	1514	0.348	ug/l	91
89) n-Butylbenzene	13.61	91	6319	0.823	ug/l	90
90) Hexachloroethane	13.89	117	747	0.458	ug/l #	8
91) 1,2-Dichlorobenzene	13.65	146	1293	0.304	ug/l	87
93) 1,2,4-Trichlorobenzene	14.90	180	3279	1.312	ug/l #	62
94) Hexachlorobutadiene	15.01	225	1359	0.929	ug/l	90
95) Naphthalene	15.13	128	13493	1.998	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	3715	1.492	ug/l #	81

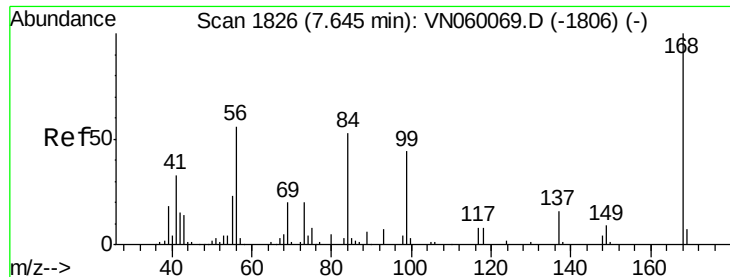
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

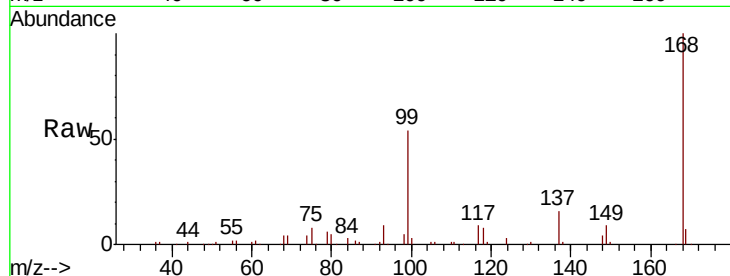
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 199962

Ion Ratio Lower Upper

168 100

99 54.3 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

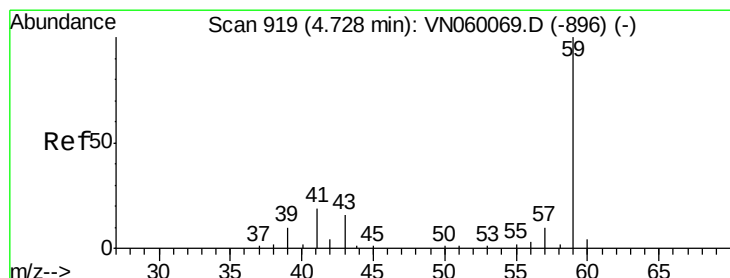
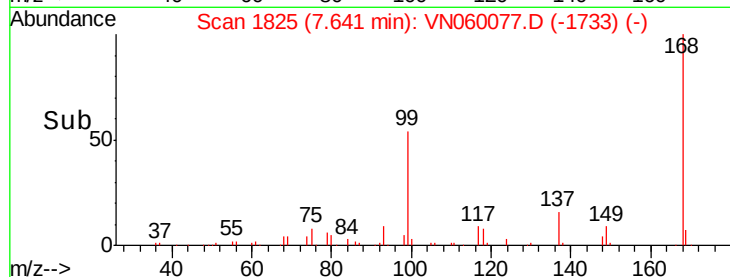
40000

20000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.244 ug/l

RT: 4.74 min Scan# 923

Delta R.T. 0.01 min

Lab File: VN060077.D

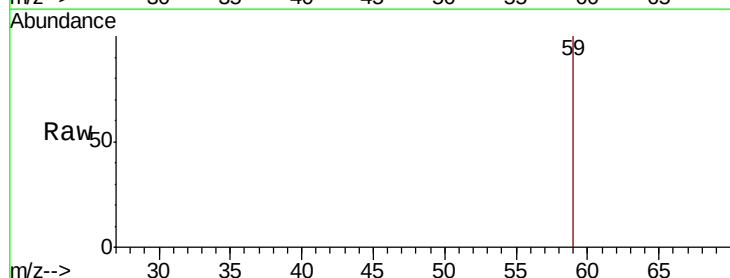
Acq: 12 Feb 2020 16:44

Tgt Ion: 59 Resp: 89

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.74

150

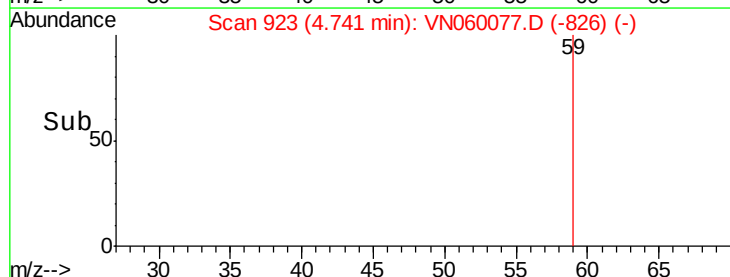
100

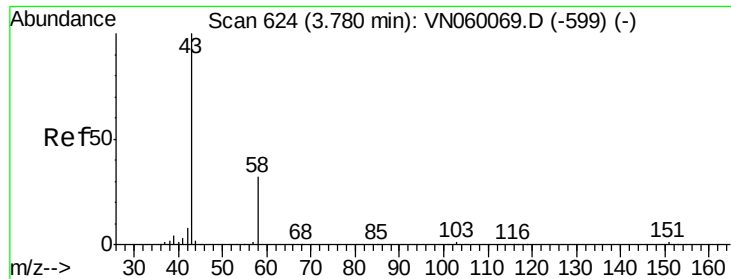
50

0

4.73 4.74 4.75

Time-->





#16

Acetone

Concen: 0.708 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Instrument :

MSVOA_N

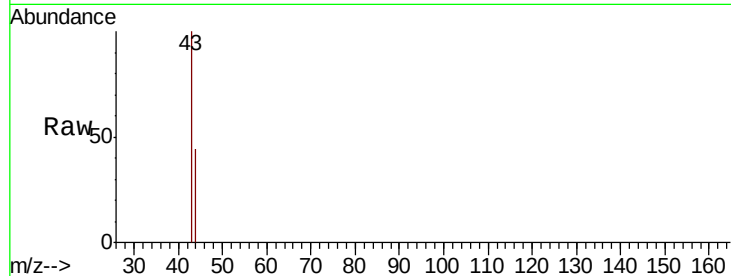
ClientSampleId :

Tot Ion: 43 Resp: 751

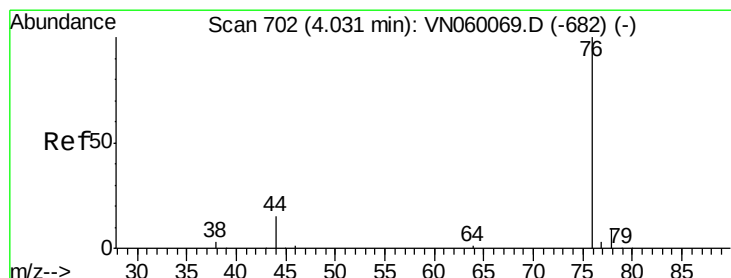
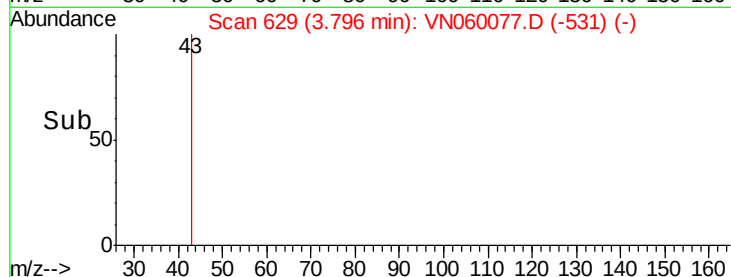
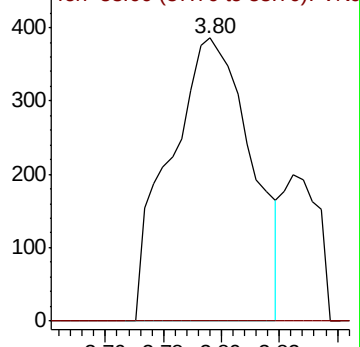
Ion Ratio Lower Upper

43 100

58 0.0 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-599) (-)



#17

Carbon Disulfide

Concen: 0.483 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060077.D

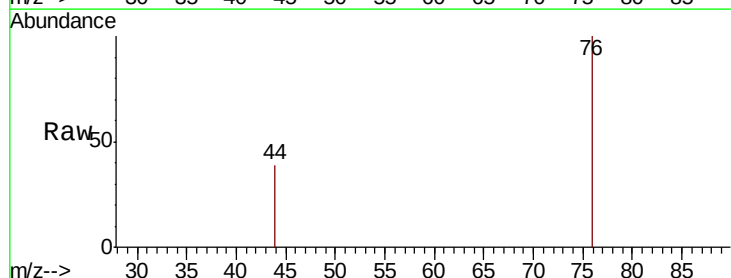
Acq: 12 Feb 2020 16:44

Tgt Ion: 76 Resp: 2750

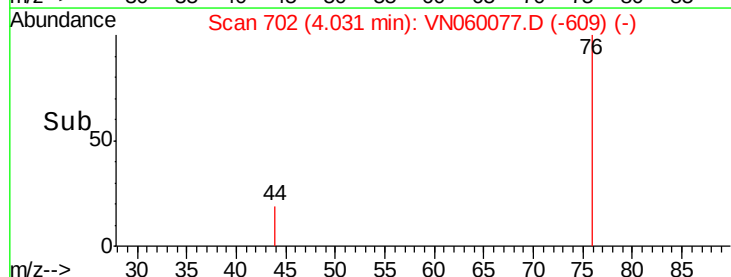
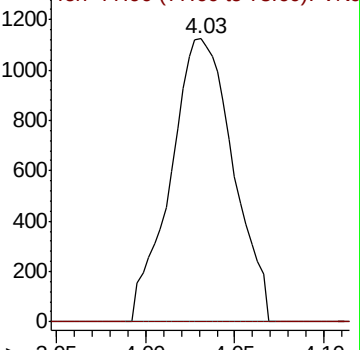
Ion Ratio Lower Upper

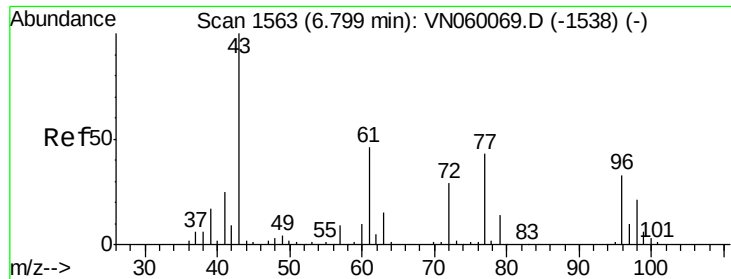
76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN060069.D (-682) (-)

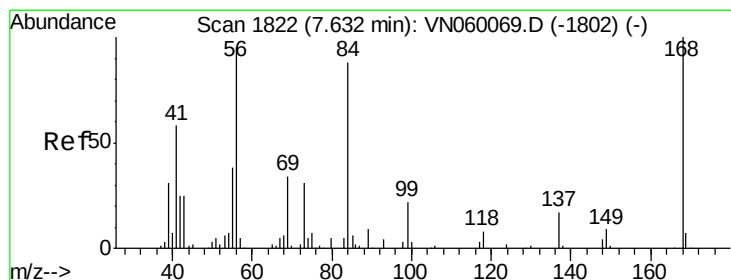
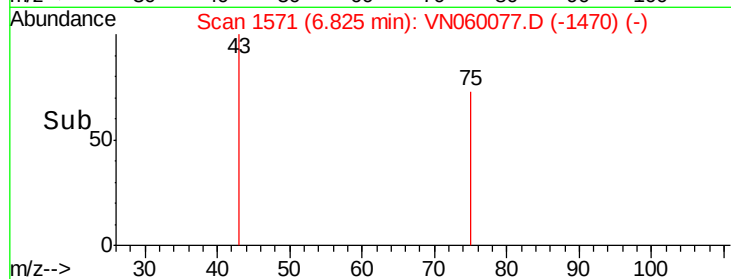
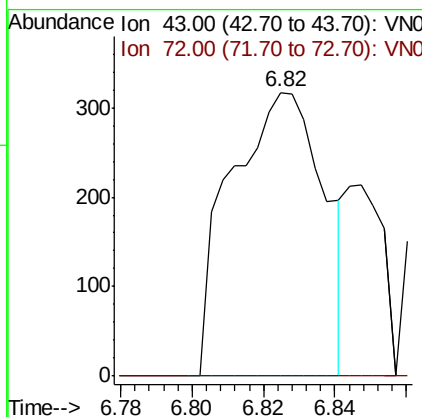
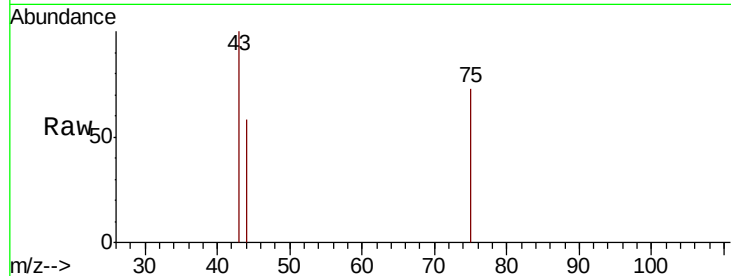




#25
2-Butanone
Concen: 0.429 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.03 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

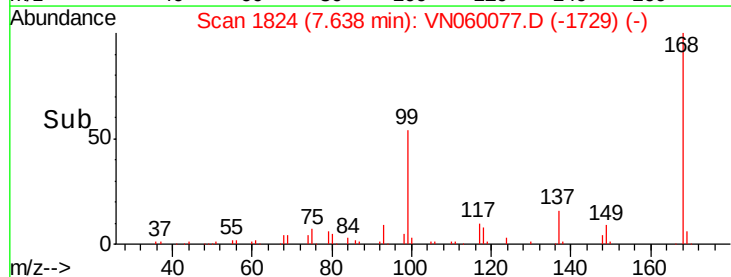
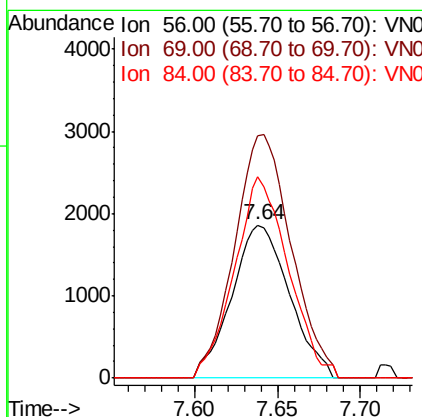
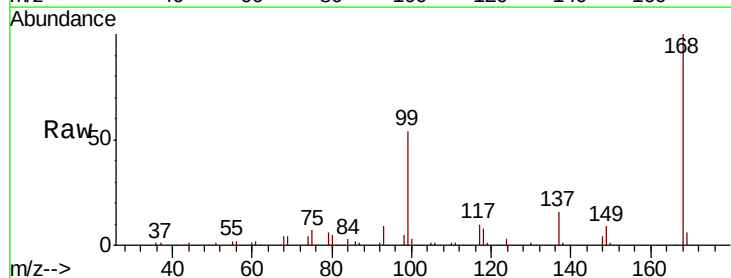
Instrument :
MSVOA_N
ClientSampleId :

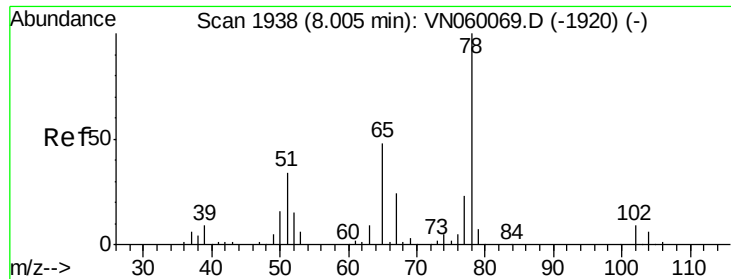
Tot Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
72 0.0 23.3 34.9#



#31
Cyclohexane
Concen: 1.306 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

Tgt Ion: 56 Resp: 4493
Ion Ratio Lower Upper
56 100
69 158.8 28.3 42.5#
84 131.4 72.6 108.8#

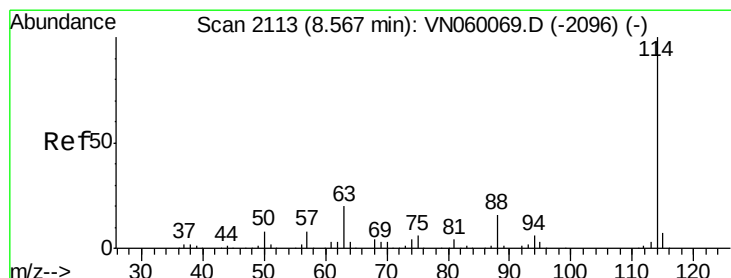
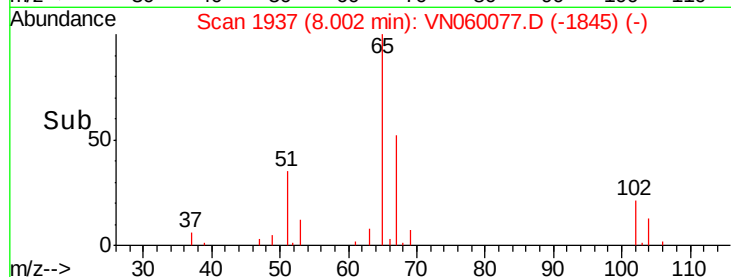
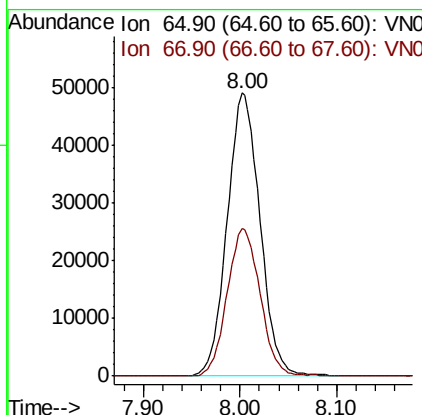
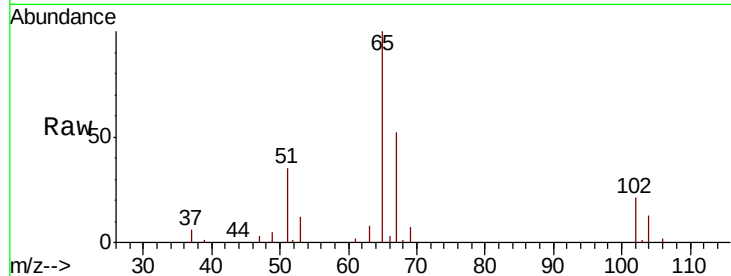




#33
 1,2-Dichloroethane-d4
 Concen: 47.595 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060077.D
 Acq: 12 Feb 2020 16:44

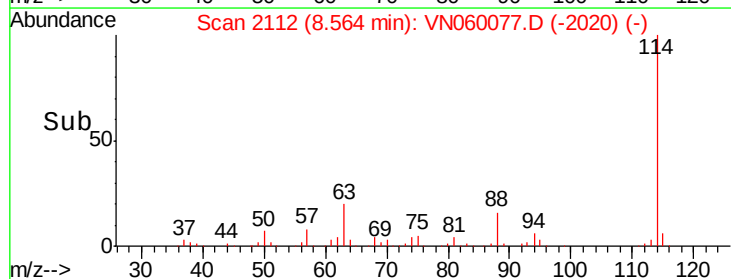
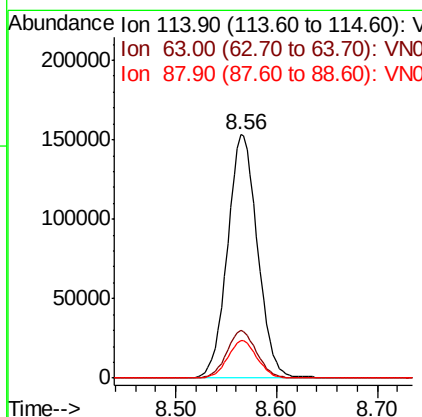
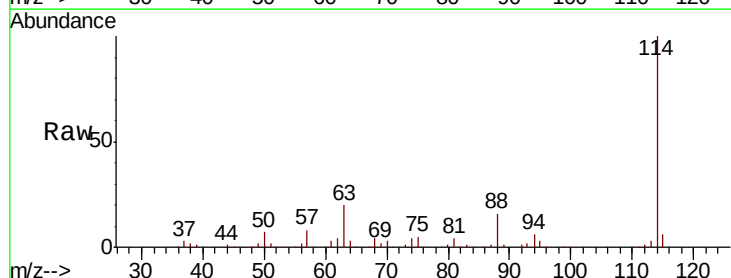
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 ClientSampleId :

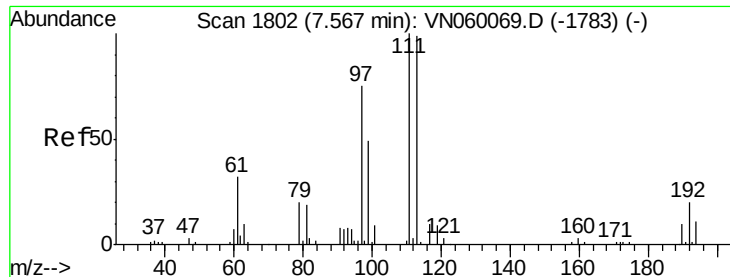
Tot Ion: 65 Resp: 115808
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060077.D
 Acq: 12 Feb 2020 16:44

Tgt Ion: 114 Resp: 317741
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.5 0.0 31.6

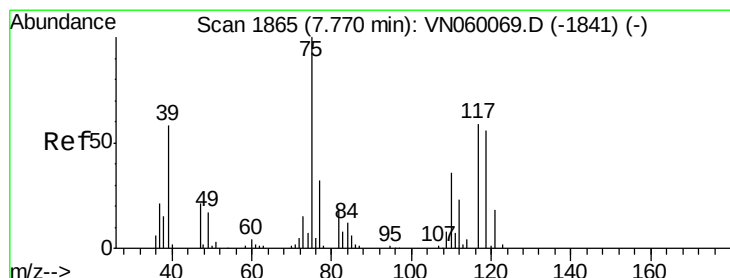
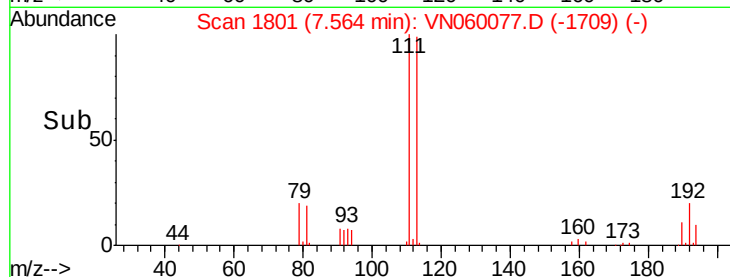
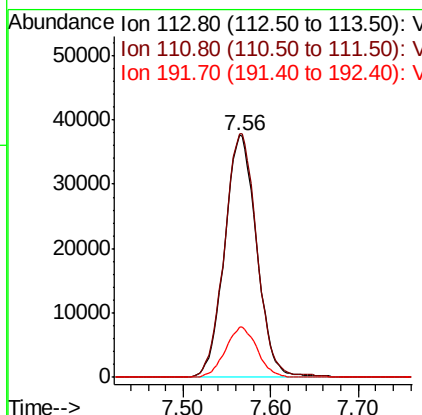
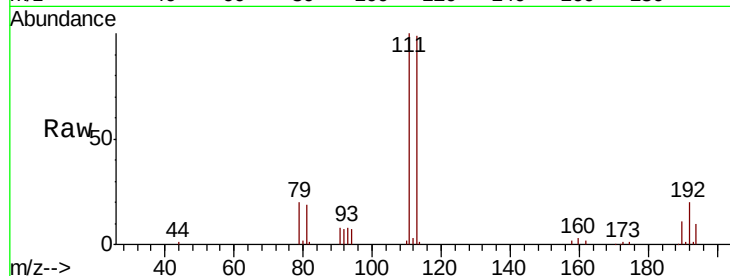




#35
 Dibromofluoromethane
 Concen: 48.961 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060077.D
 Acq: 12 Feb 2020 16:44

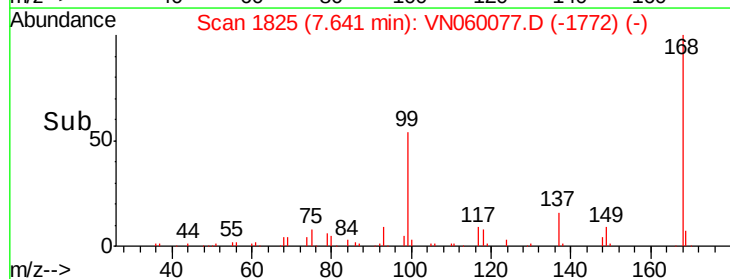
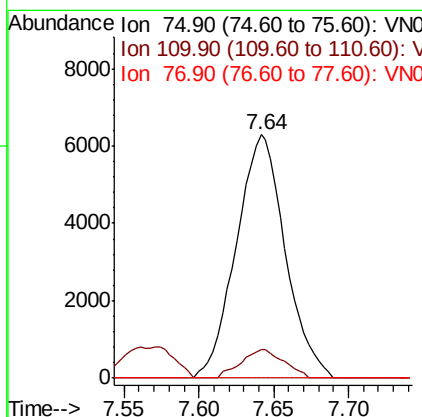
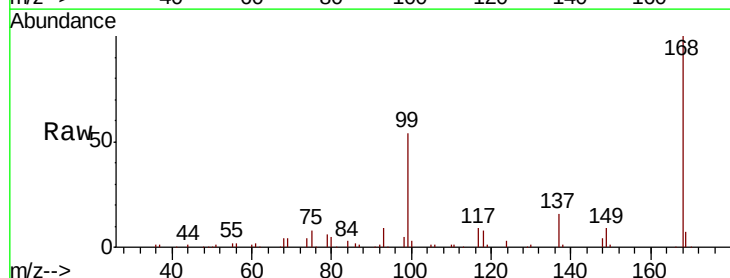
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 ClientSampleId :

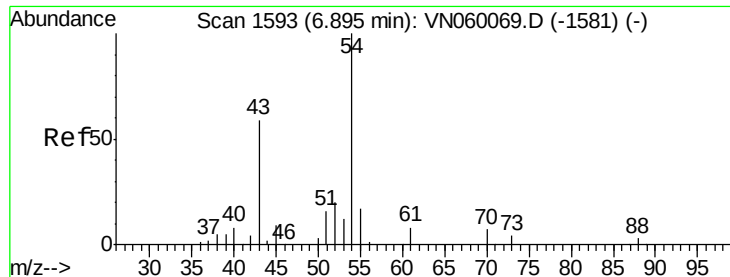
Tot Ion:113 Resp: 95629
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.4 122.2
 192 20.5 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.862 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060077.D
 Acq: 12 Feb 2020 16:44

Tgt Ion: 75 Resp: 14310
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.1 54.3#
 77 0.0 25.1 37.7#

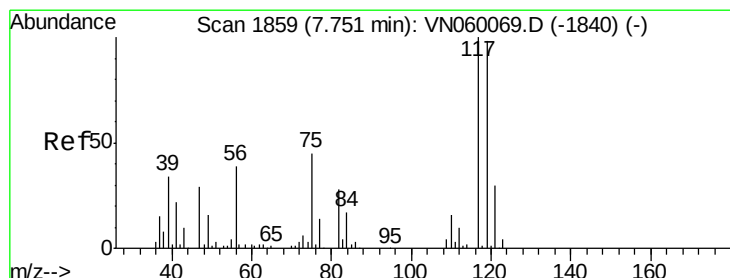
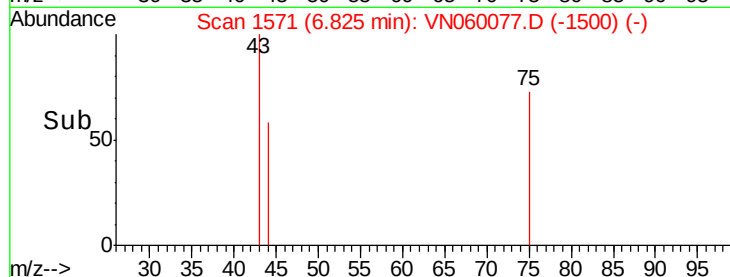
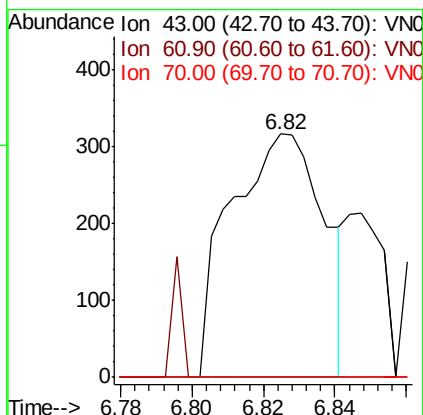
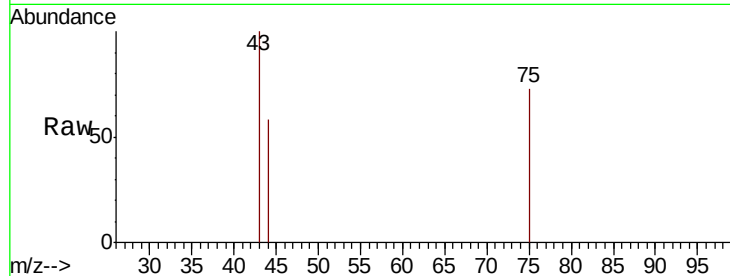




#37
Ethyl Acetate
Concen: 0.215 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.07 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

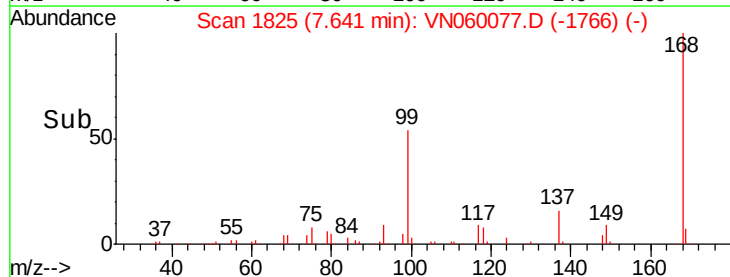
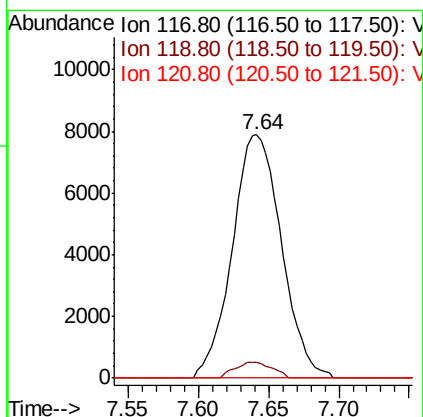
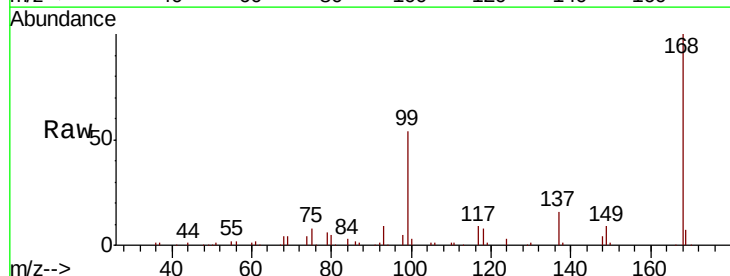
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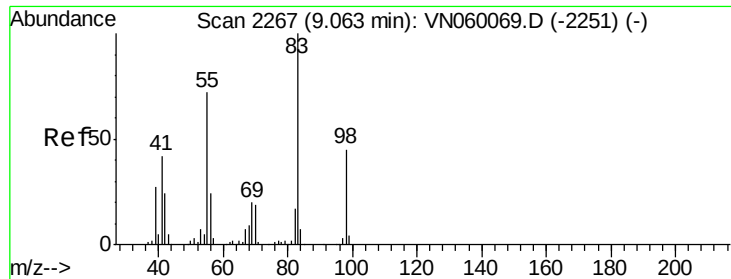
Tot Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 6.009 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

Tgt Ion: 117 Resp: 19208
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.4#
121 0.0 24.2 36.2#

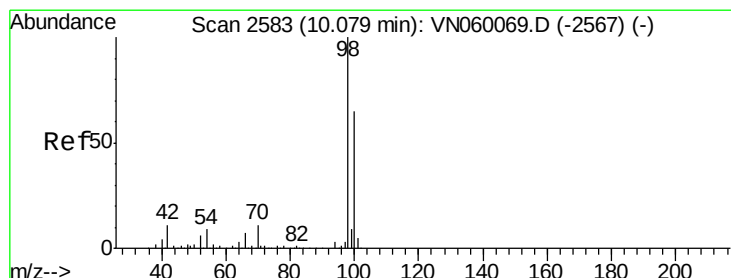
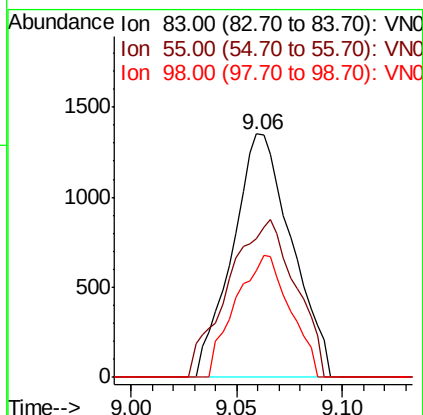
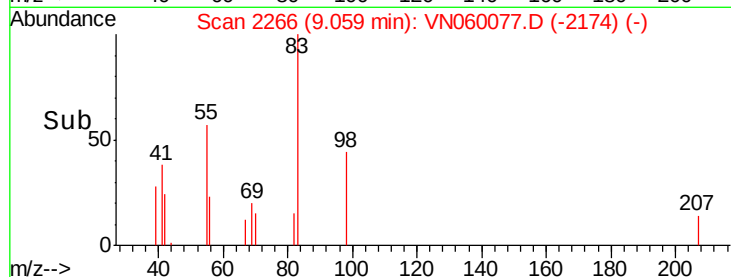
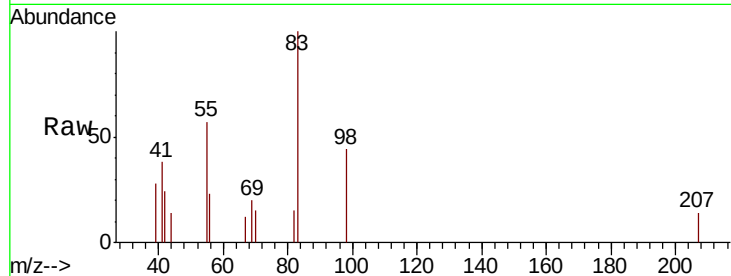




#39
Methylcyclohexane
Concen: 0.723 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.00 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

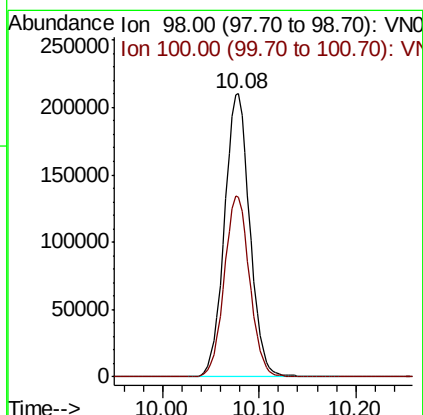
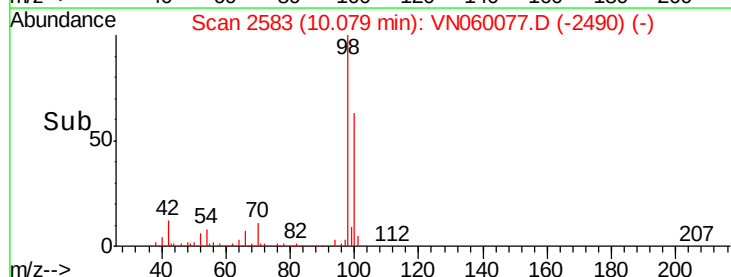
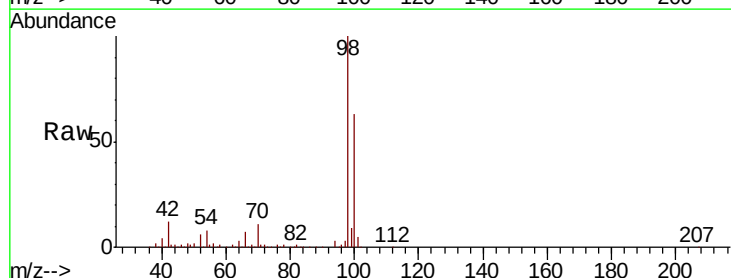
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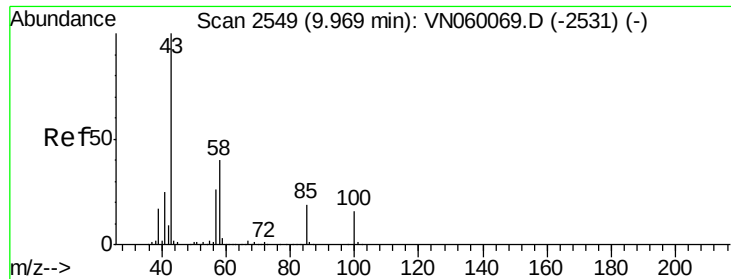
Tot Ion: 83 Resp: 2640
Ion Ratio Lower Upper
83 100
55 57.0 57.8 86.8#
98 43.6 36.4 54.6



#50
Toluene-d8
Concen: 49.659 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

Tgt Ion: 98 Resp: 381952
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.367 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Instrument :

MSVOA_N

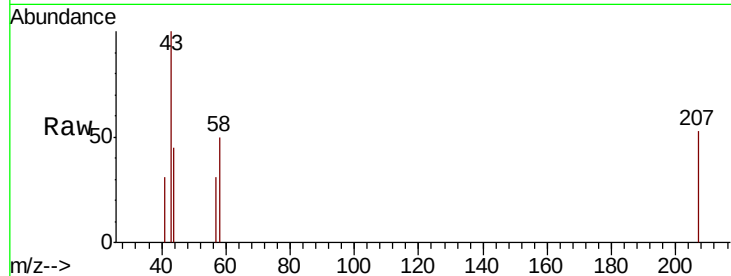
ClientSampled :

Tot Ion: 43 Resp: 966

Ion Ratio Lower Upper

43 100

58 31.0 31.8 47.8#

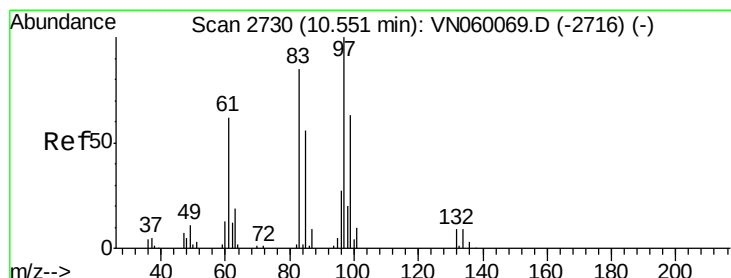
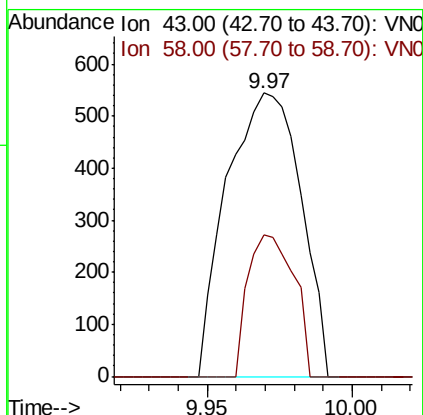
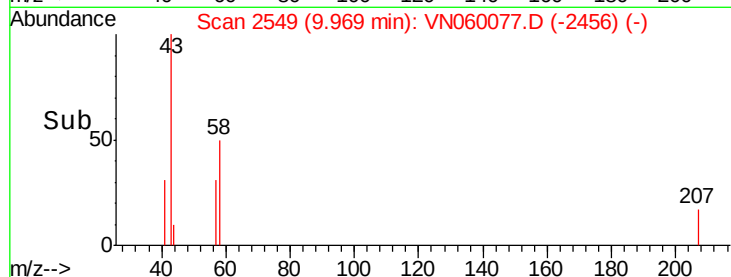


Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-2531) (-)

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

9.97

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.223 ug/l

RT: 10.52 min Scan# 2720

Delta R.T. -0.03 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Tgt Ion: 97 Resp: 488

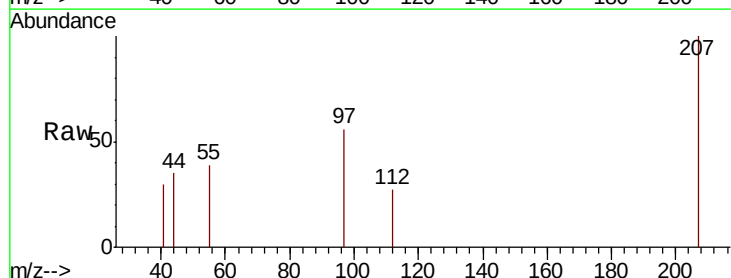
Ion Ratio Lower Upper

97 100

83 0.0 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) (-)

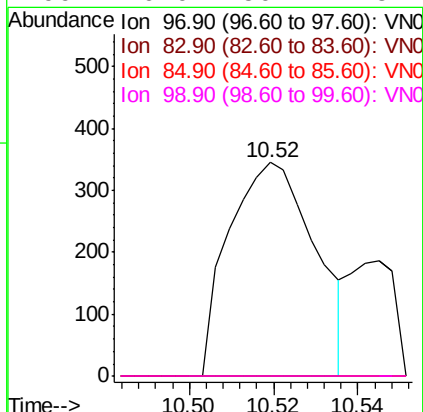
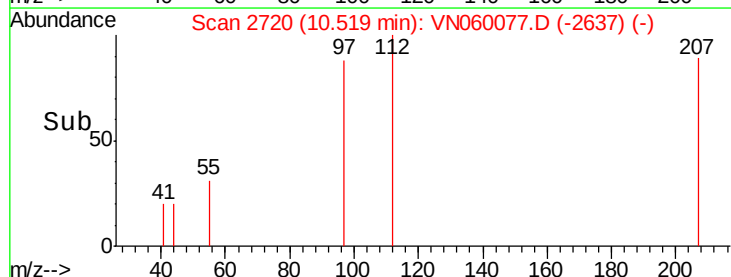
Ion 82.90 (82.60 to 83.60): VN060069.D (-2716) (-)

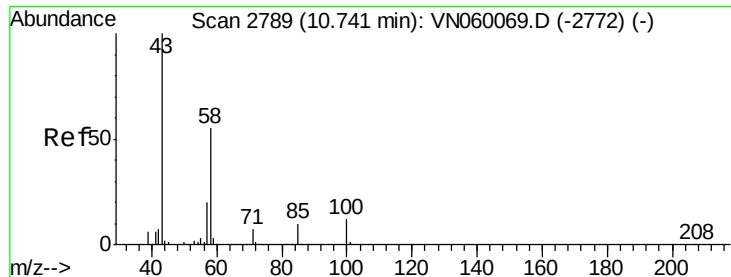
Ion 84.90 (84.60 to 85.60): VN060069.D (-2716) (-)

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

10.52

Time-->

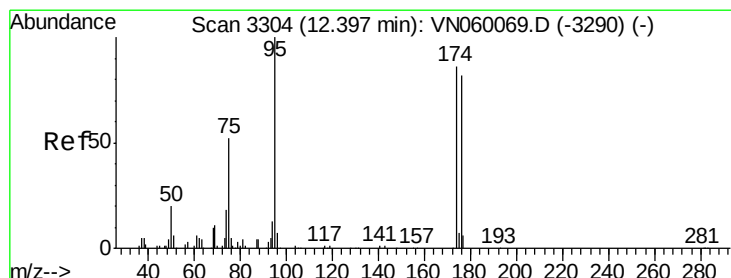
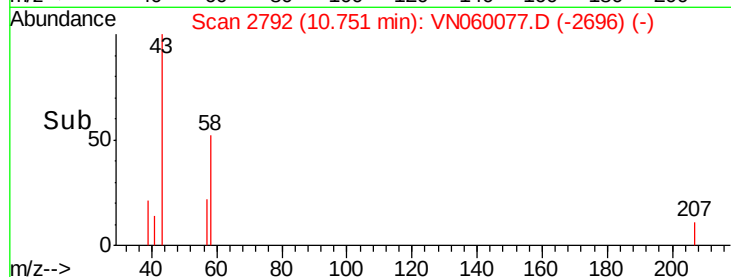
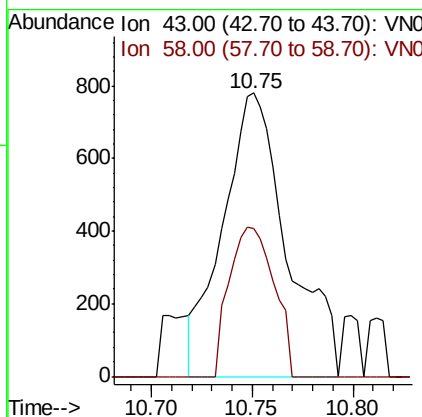
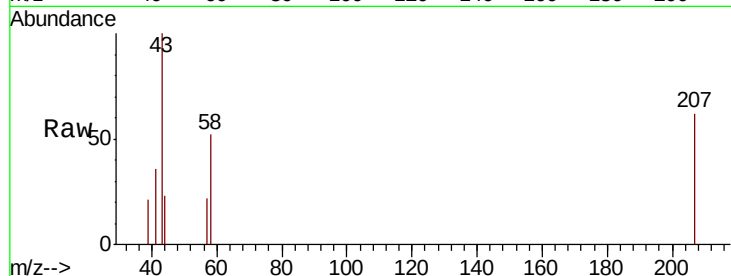




#59
2-Hexanone
Concen: 0.856 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.01 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

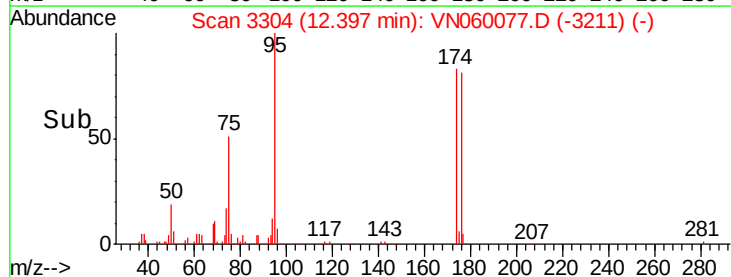
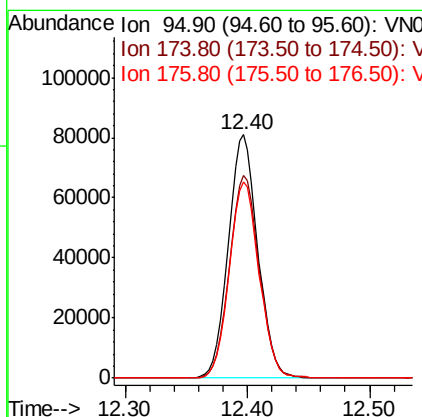
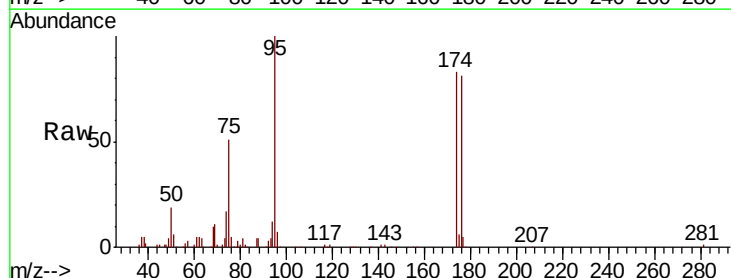
Instrument :
MSVOA_N
ClientSampled :

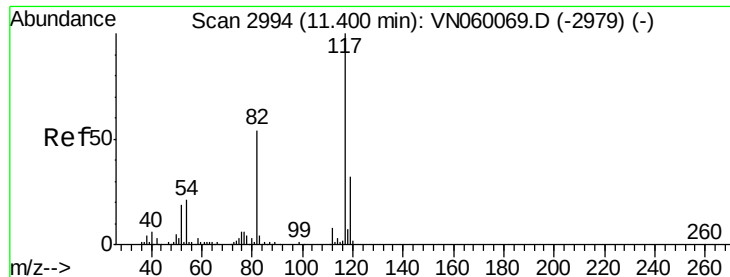
Tot Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
58 36.9 27.5 82.4



#62
4-Bromofluorobenzene
Concen: 48.378 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

Tgt Ion: 95 Resp: 136727
Ion Ratio Lower Upper
95 100
174 84.3 0.0 169.8
176 81.3 0.0 164.8

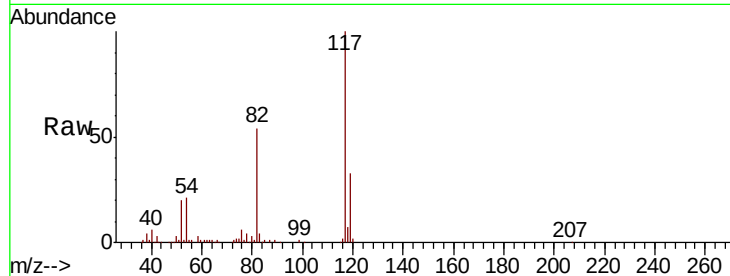




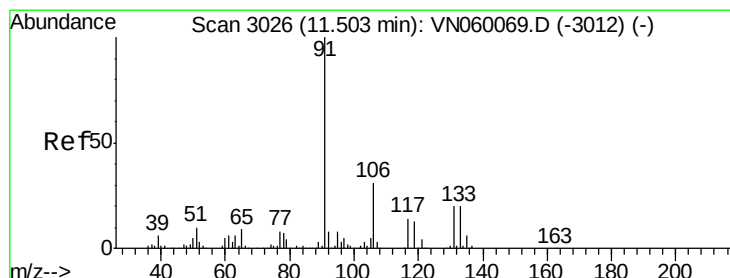
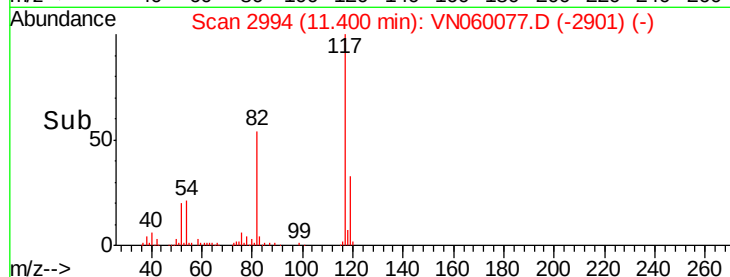
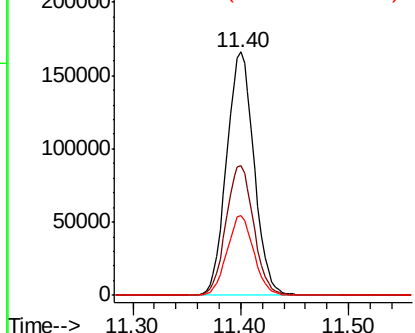
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 294946
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.8 25.8 38.6

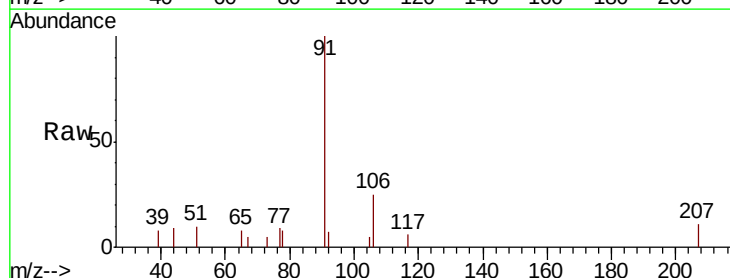


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

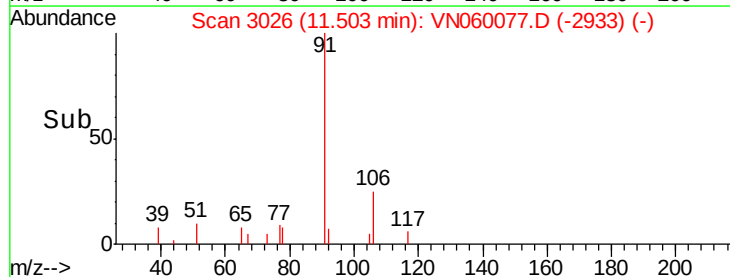
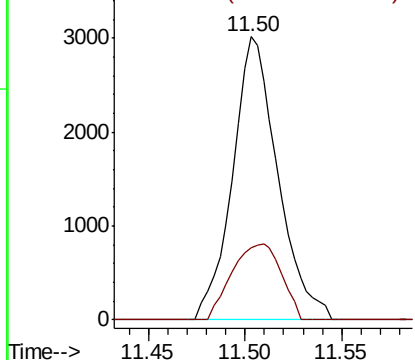


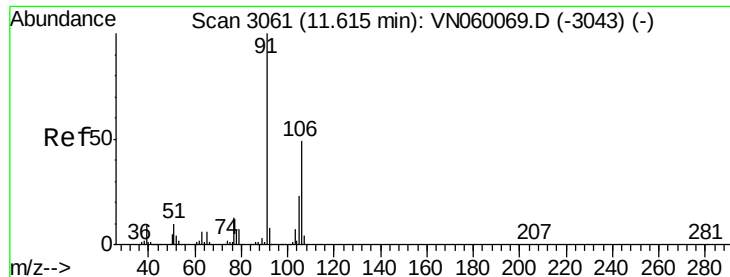
#67
Ethyl Benzene
Concen: 0.451 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

Tgt Ion: 91 Resp: 4892
Ion Ratio Lower Upper
91 100
106 25.4 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

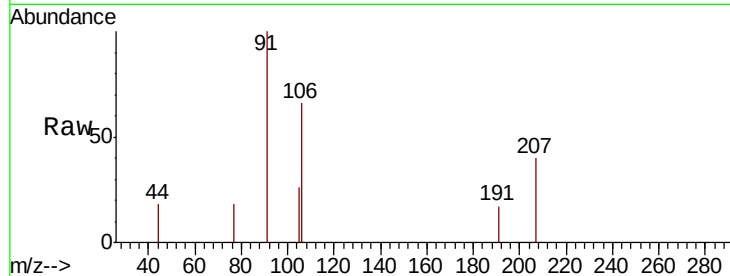




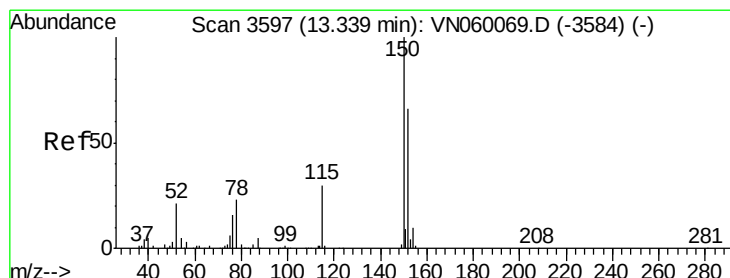
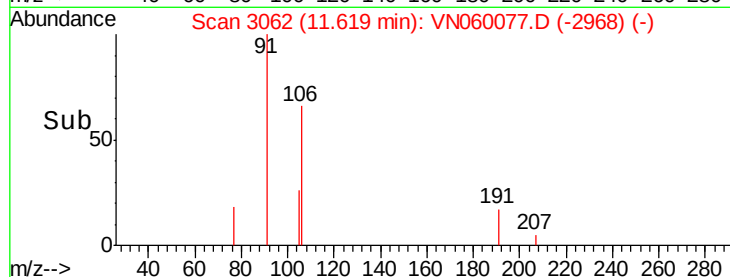
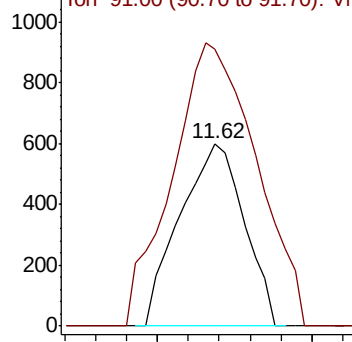
#68
m/p-Xvlenes
Concen: 0.213 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 866
Ion Ratio Lower Upper
106 100
91 203.0 162.7 244.1

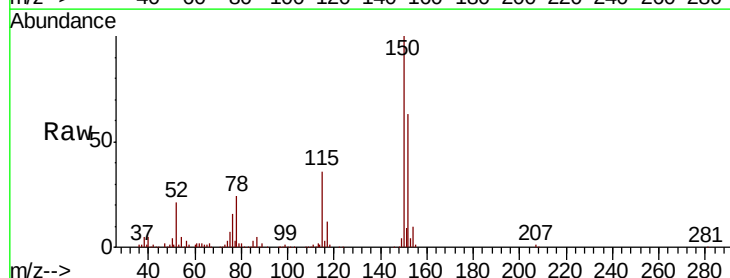


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

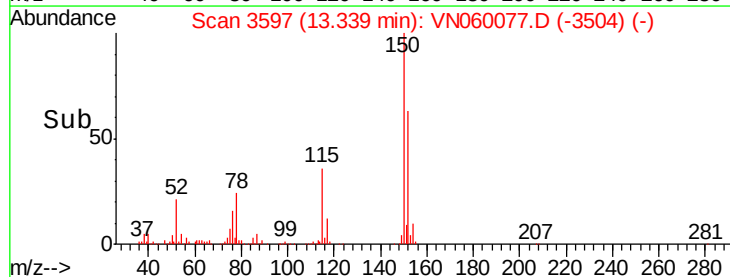
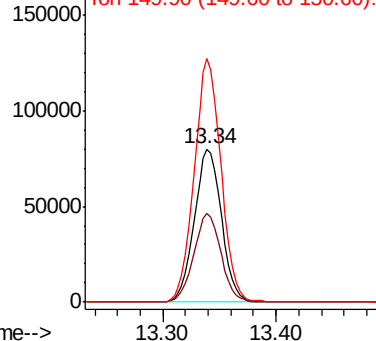


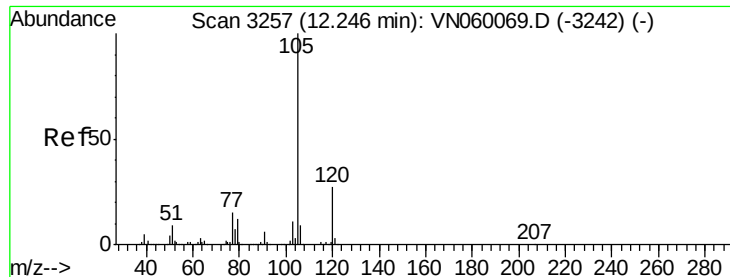
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060077.D
Acq: 12 Feb 2020 16:44

Tgt Ion:152 Resp: 132523
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.8
150 158.0 0.0 342.4



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





#73

Isopropylbenzene

Concen: 0.447 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Instrument :

MSVOA_N

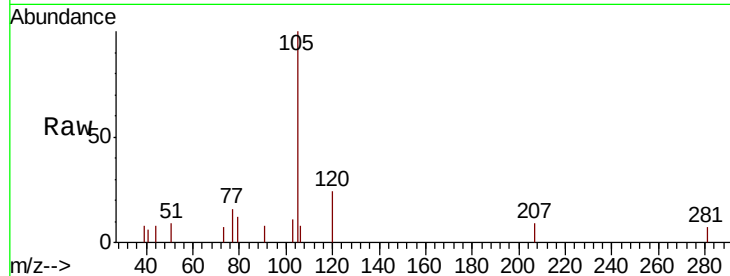
ClientSampleId :

Tot Ion: 105 Resp: 4426

Ion Ratio Lower Upper

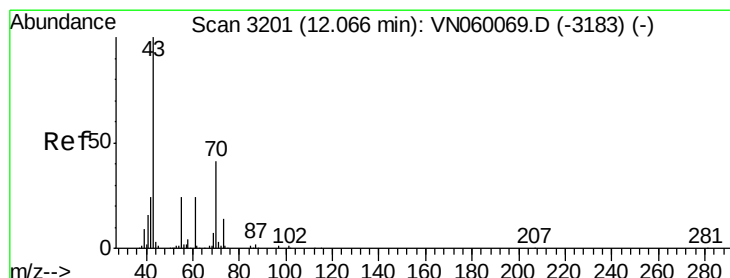
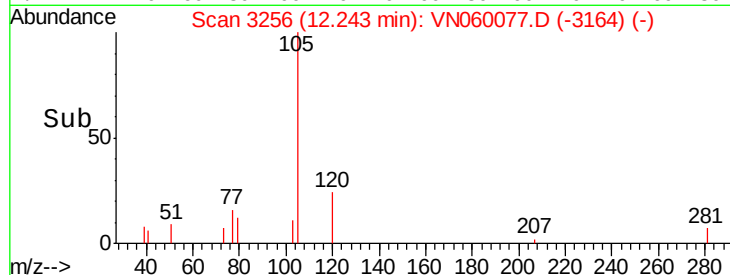
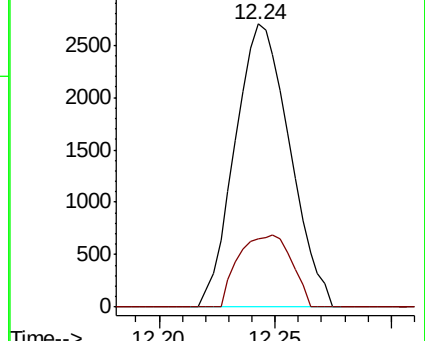
105 100

120 24.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.234 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.01 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Tgt Ion: 43 Resp: 834

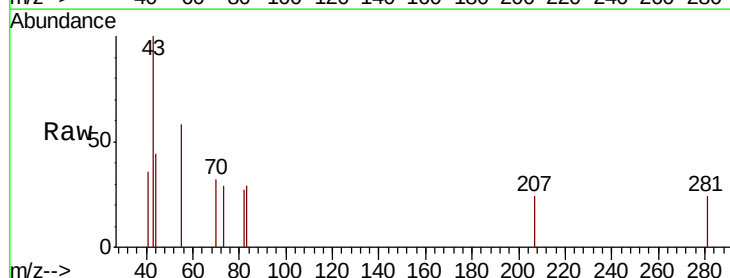
Ion Ratio Lower Upper

43 100

70 26.5 33.4 50.0#

55 69.7 18.8 28.2#

61 0.0 19.2 28.8#

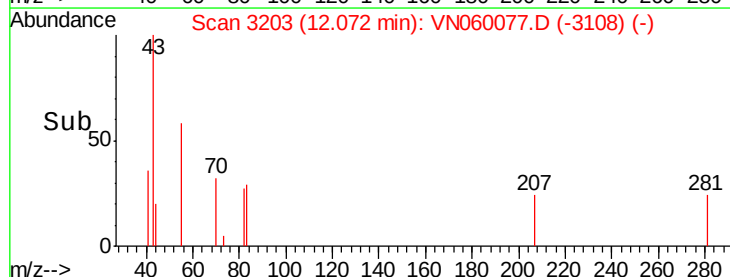
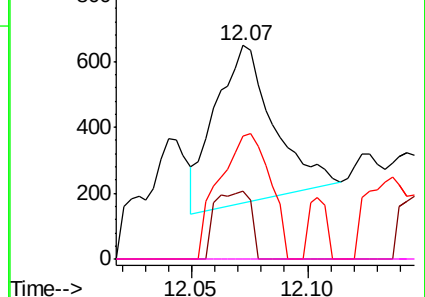


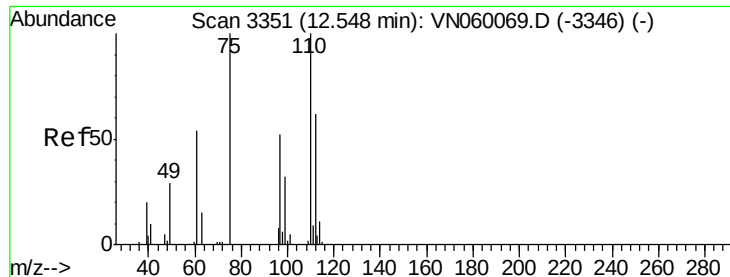
Abundance Ion 43.00 (42.70 to 43.70): VN0

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





#76

1,2,3-Trichloropropane

Concen: 27.725 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Instrument :

MSVOA_N

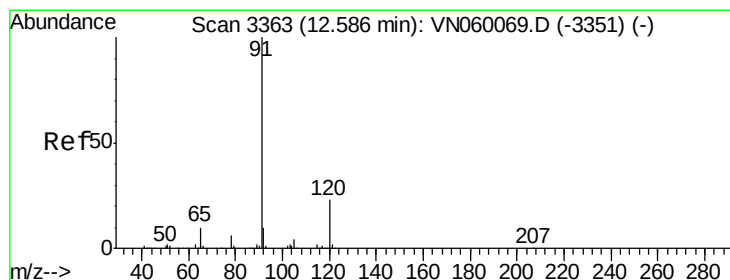
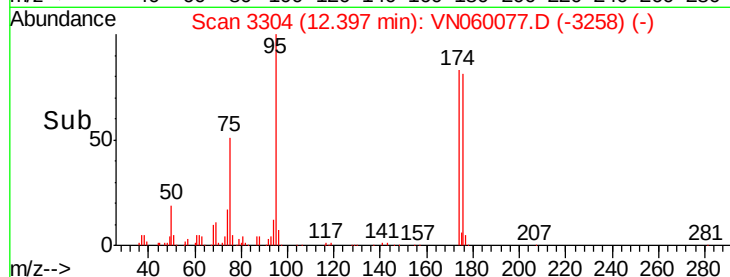
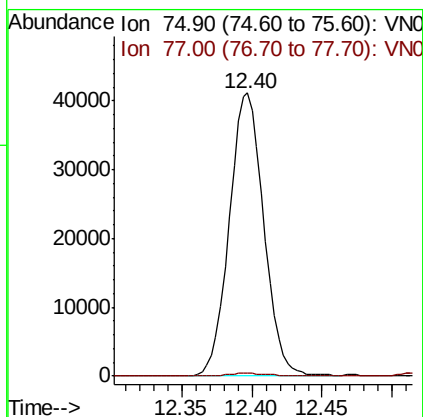
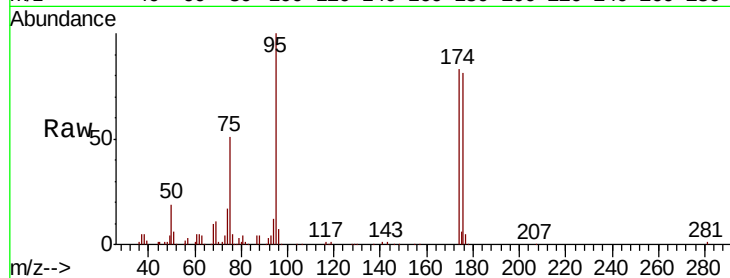
ClientSampled :

Tot Ion: 75 Resp: 70296

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#78

n-propylbenzene

Concen: 0.637 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN060077.D

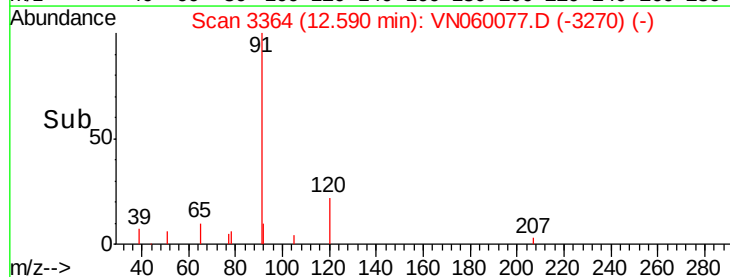
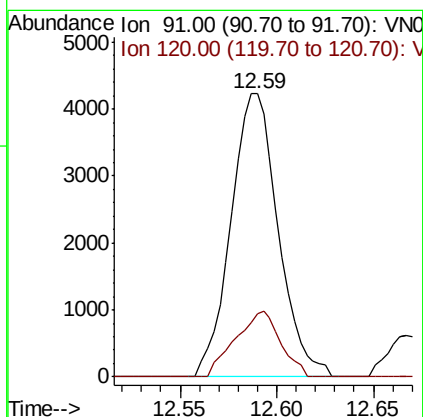
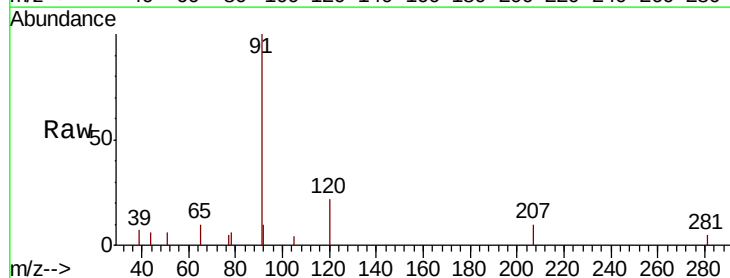
Acq: 12 Feb 2020 16:44

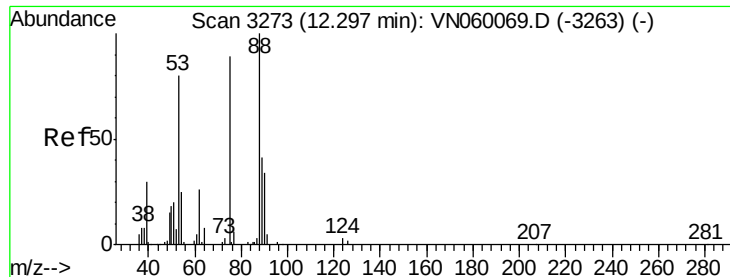
Tgt Ion: 91 Resp: 7177

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.5





#81

trans-1,4-Dichloro-2-butene

Concen: 67.885 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Instrument :

MSVOA_N

ClientSampled :

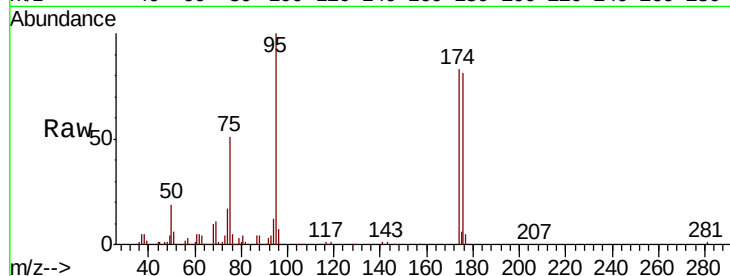
Tot Ion: 75 Resp: 70296

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

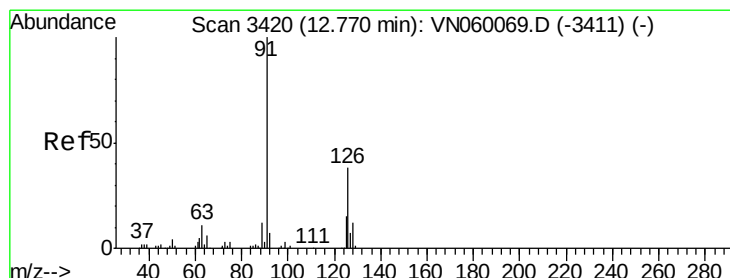
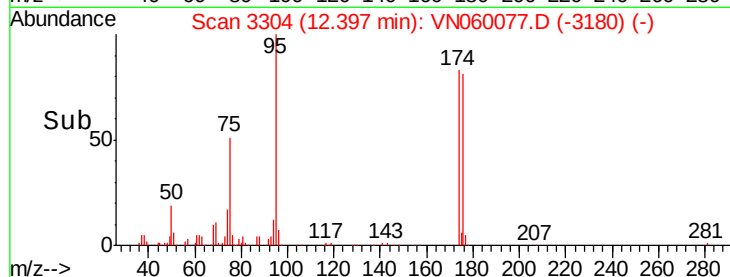
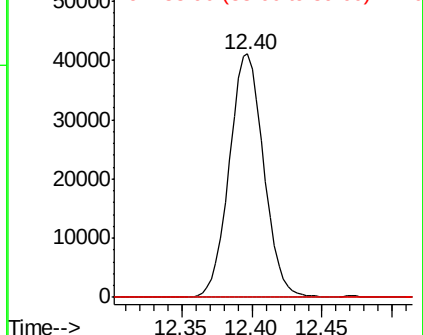
89 0.0 37.0 55.4#



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: 0.252 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060077.D

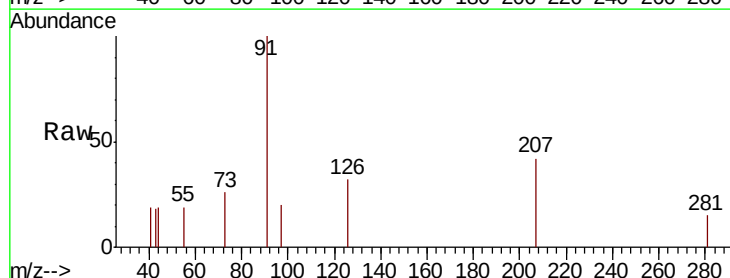
Acq: 12 Feb 2020 16:44

Tgt Ion: 91 Resp: 1716

Ion Ratio Lower Upper

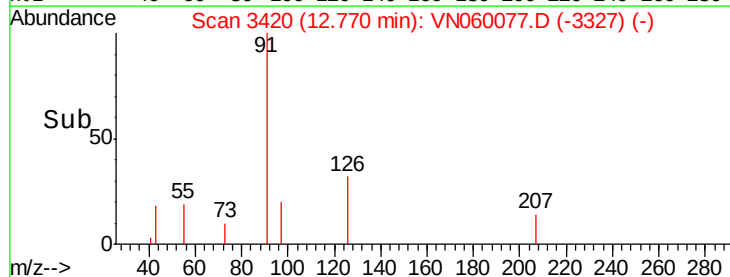
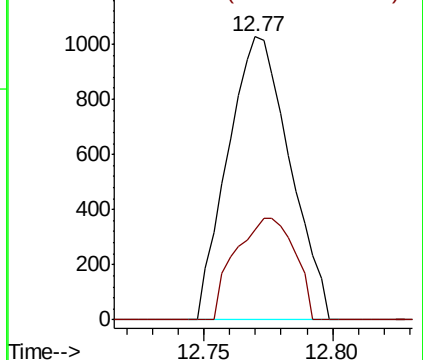
91 100

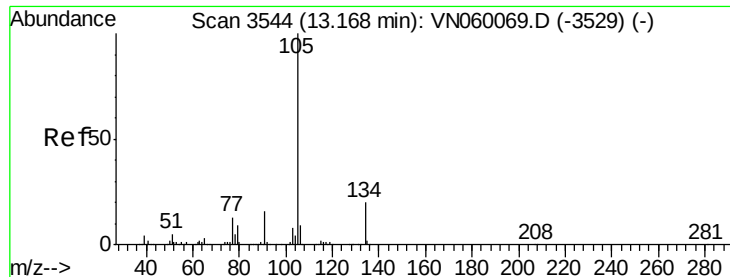
126 34.4 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#85

sec-Butylbenzene

Concen: 0.755 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Instrument :

MSVOA_N

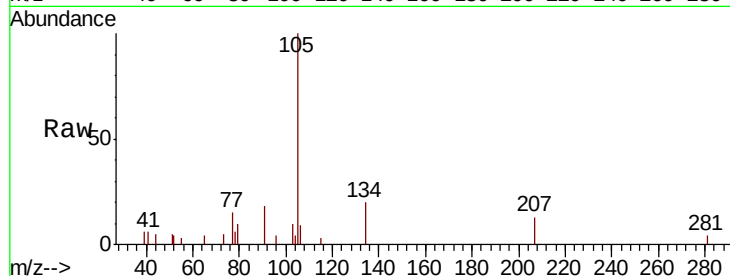
ClientSampled :

Tot Ion:105 Resp: 7281

Ion Ratio Lower Upper

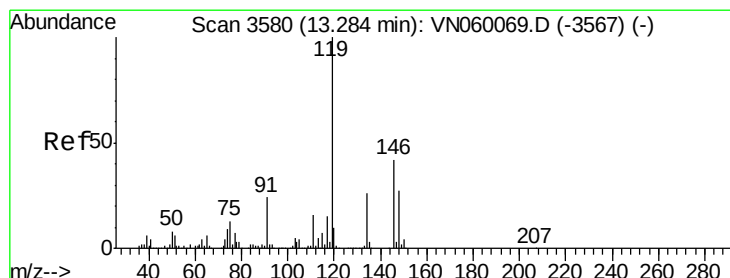
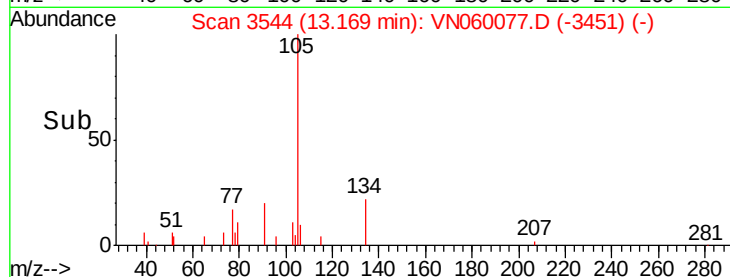
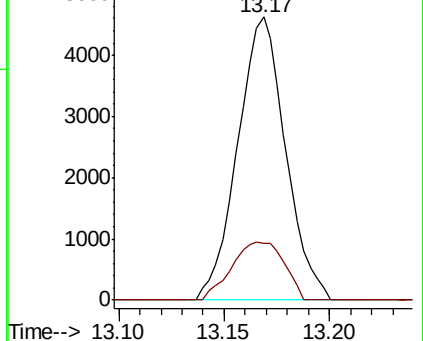
105 100

134 22.4 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: 0.258 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

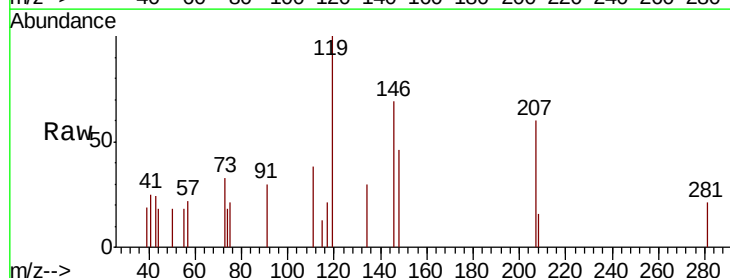
Tgt Ion:119 Resp: 2249

Ion Ratio Lower Upper

119 100

134 24.0 13.3 39.8

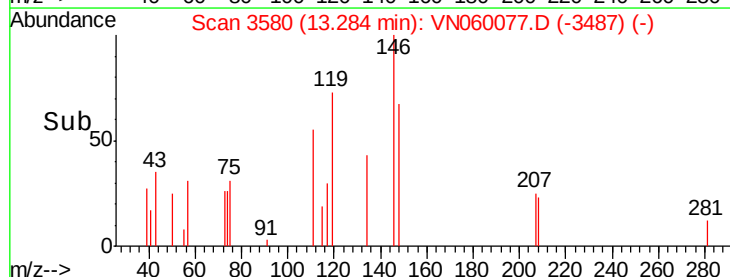
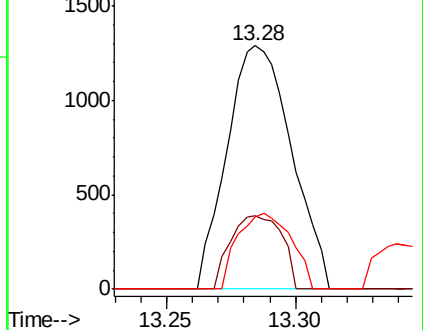
91 25.9 11.9 35.9

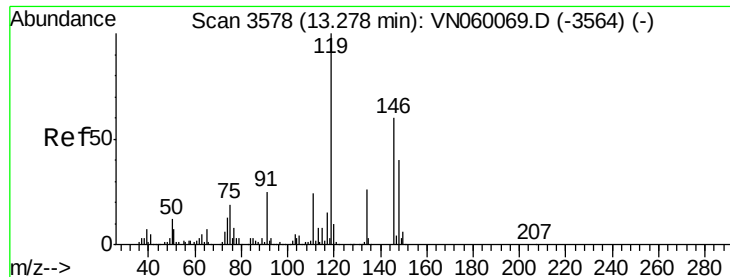


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

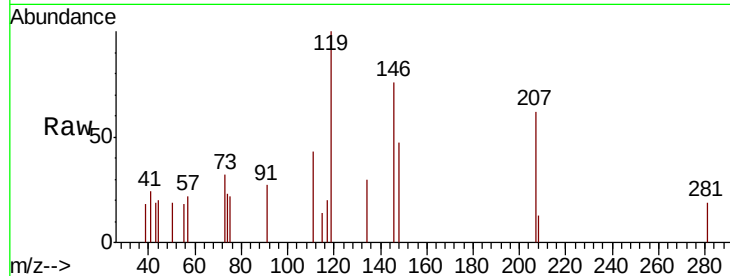




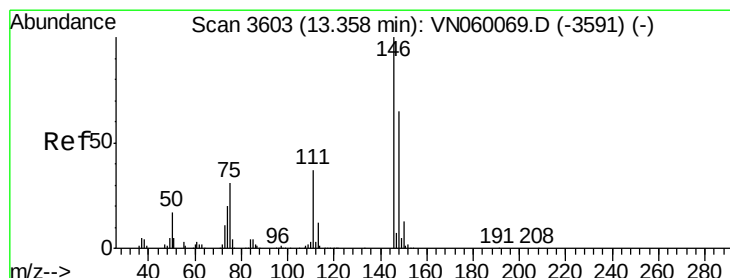
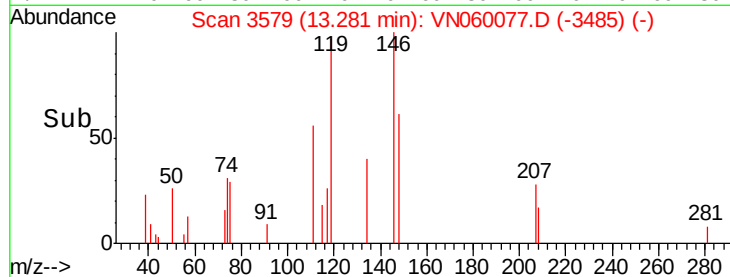
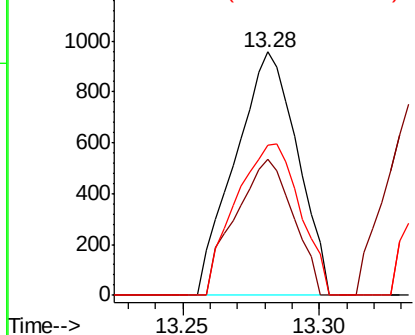
#87
 1,3-Dichlorobenzene
 Concen: 0.348 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060077.D
 Acq: 12 Feb 2020 16:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 1514
 Ion Ratio Lower Upper
 146 100
 111 52.0 19.8 59.3
 148 64.5 32.0 96.2

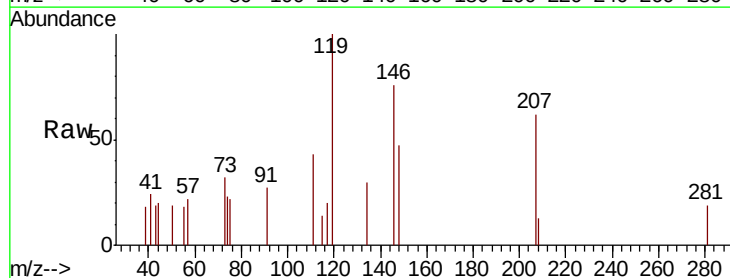


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

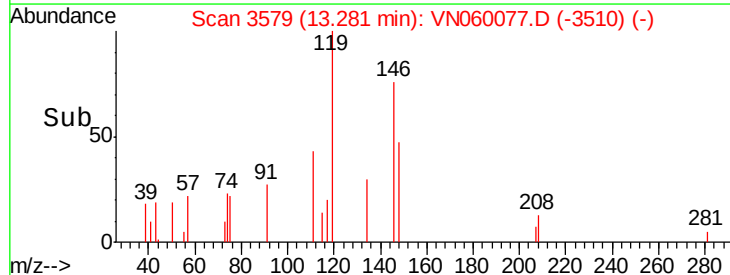
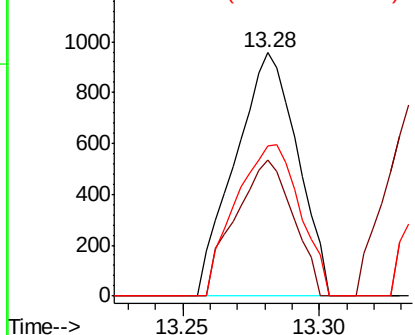


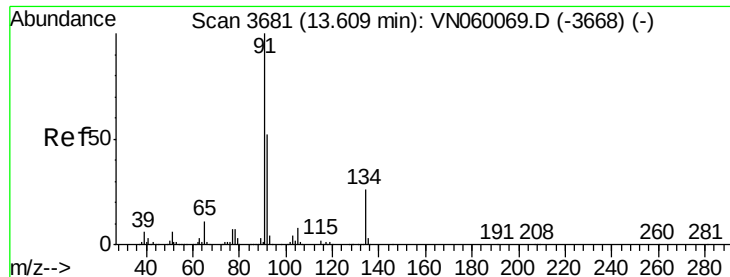
#88
 1,4-Dichlorobenzene
 Concen: 0.348 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN060077.D
 Acq: 12 Feb 2020 16:44

Tgt Ion:146 Resp: 1514
 Ion Ratio Lower Upper
 146 100
 111 52.0 18.9 56.5
 148 64.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.823 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Instrument :

MSVOA_N

ClientSampleId :

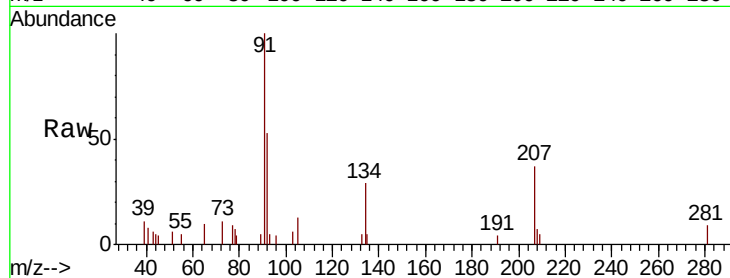
Tot Ion: 91 Resp: 6319

Ion Ratio Lower Upper

91 100

92 48.5 26.1 78.2

134 36.6 13.1 39.3

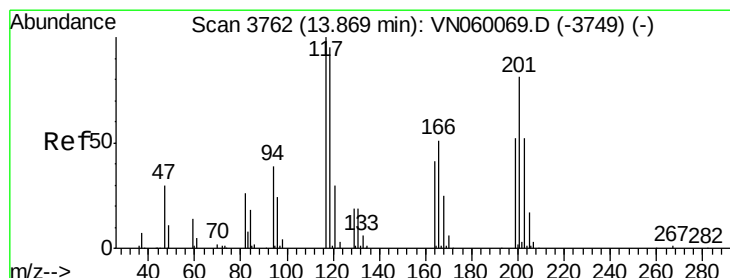
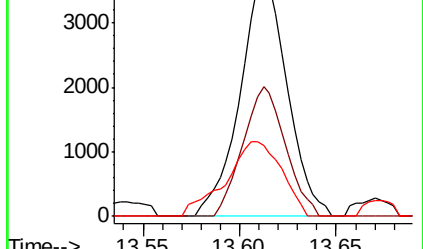
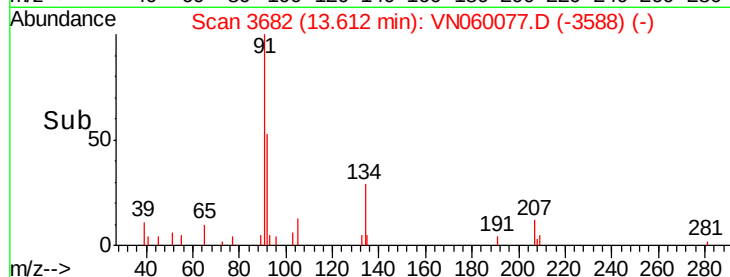


Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN060069.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN060069.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 0.458 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN060077.D

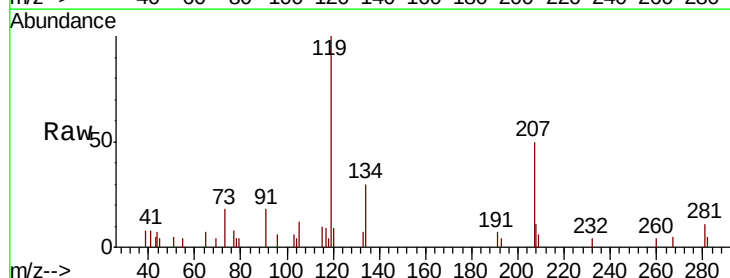
Acq: 12 Feb 2020 16:44

Tgt Ion: 117 Resp: 747

Ion Ratio Lower Upper

117 100

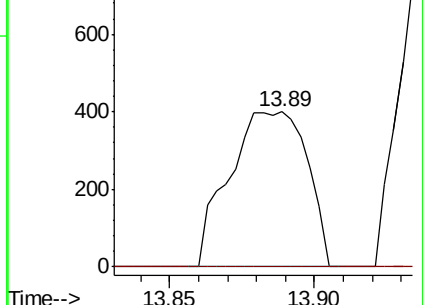
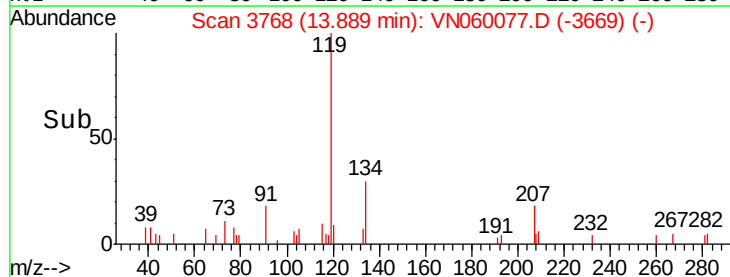
201 0.0 41.7 125.1#

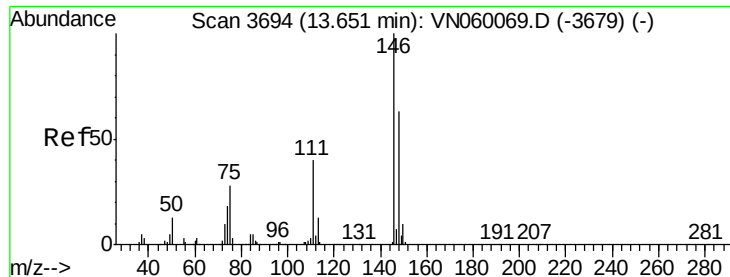


Abundance Ion 116.80 (116.50 to 117.50): VN060069.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060069.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 0.304 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060077.D

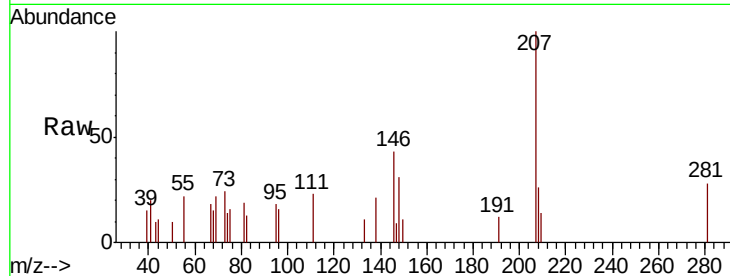
Acq: 12 Feb 2020 16:44

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	1293
Ion	Ratio	Lower	Upper
146	100		
111	55.8	20.1	60.2
148	67.1	31.9	95.5

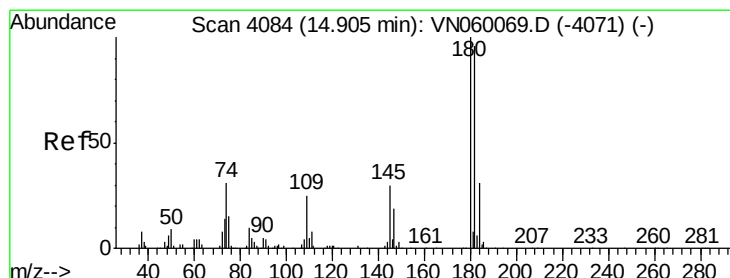
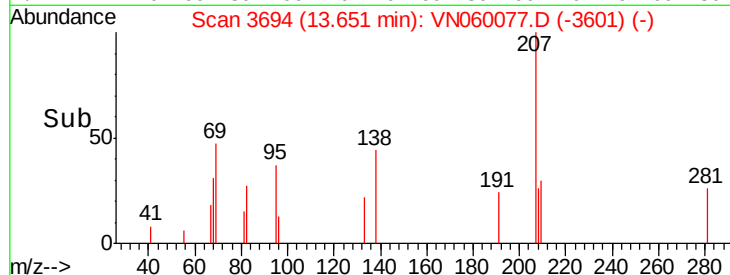
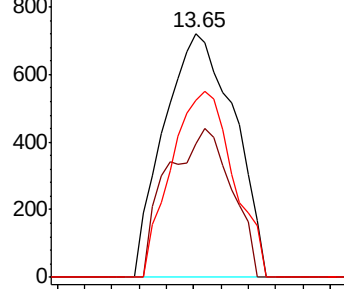


Abundance

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



#93

1,2,4-Trichlorobenzene

Concen: 1.312 ug/l

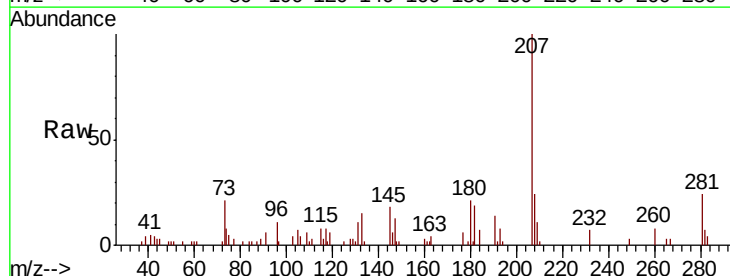
RT: 14.90 min Scan# 4084

Delta R.T. 0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Tgt Ion:	180	Resp:	3279
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.9	143.8
145	110.8	15.2	45.5#

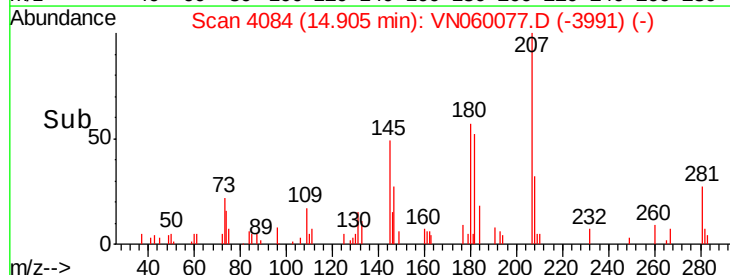
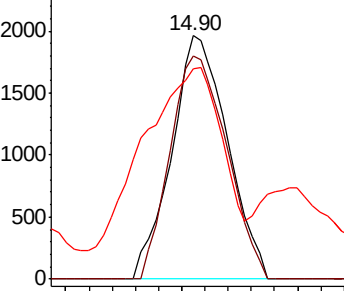


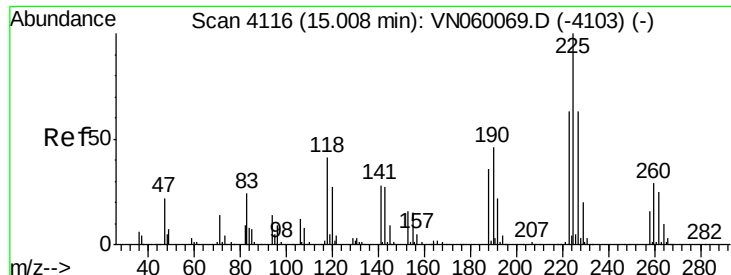
Abundance

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: 0.929 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

Instrument :

MSVOA_N

ClientSampled :

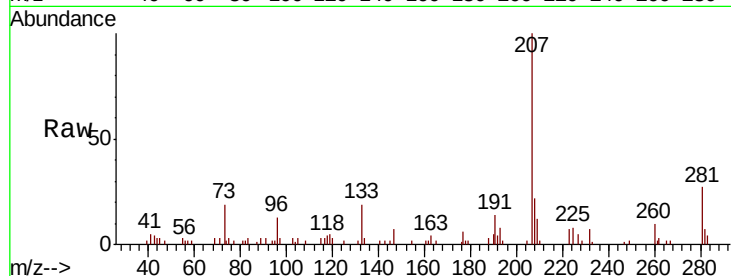
Tot Ion:225 Resp: 1359

Ion Ratio Lower Upper

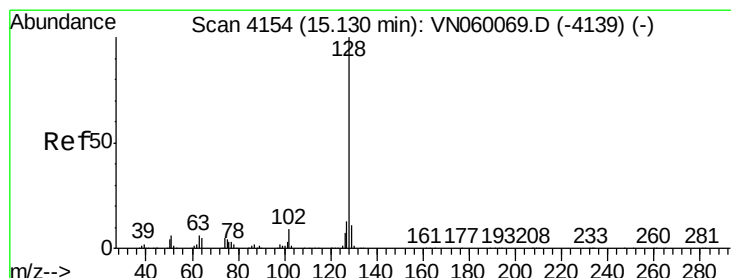
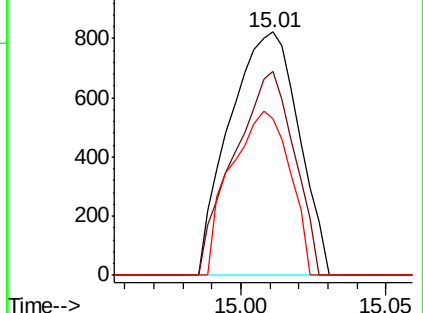
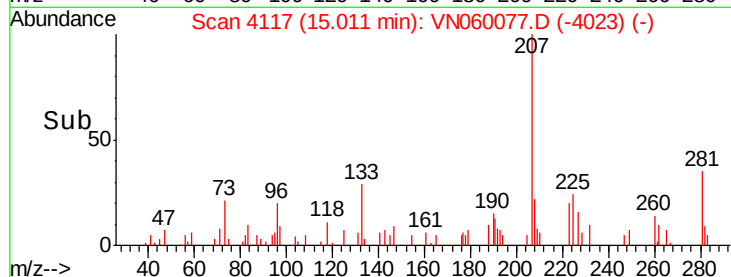
225 100

223 73.1 31.5 94.5

227 57.6 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: 1.998 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060077.D

Acq: 12 Feb 2020 16:44

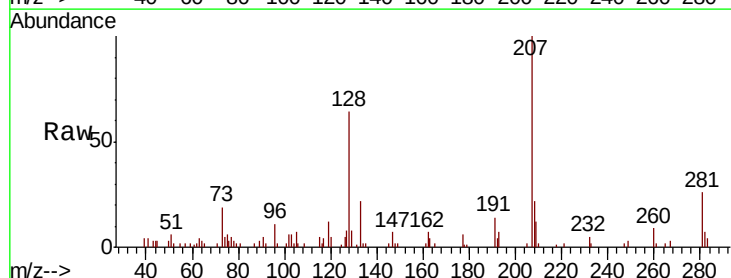
Tgt Ion:128 Resp: 13493

Ion Ratio Lower Upper

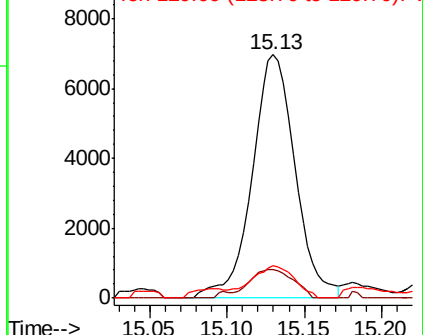
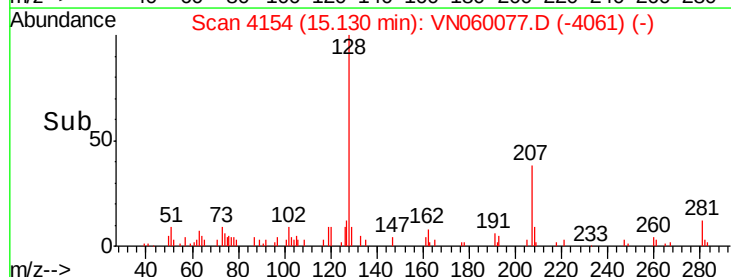
128 100

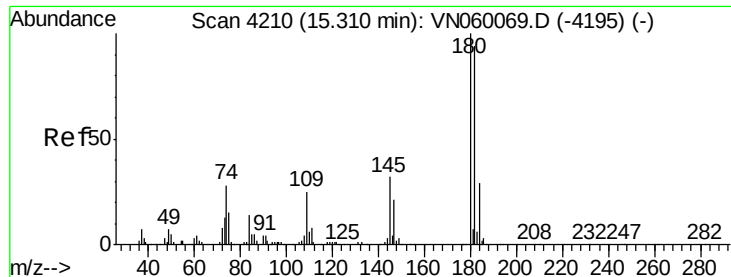
127 12.9 10.3 15.5

129 12.8 8.6 13.0



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

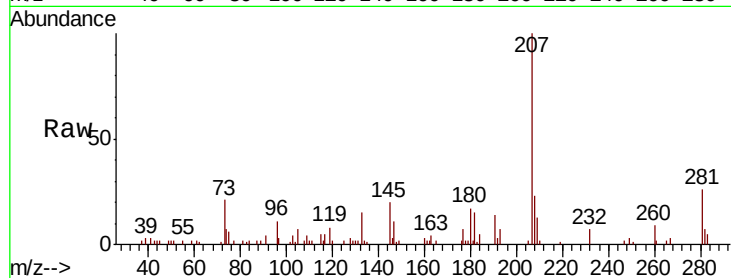




#96
 1,2,3-Trichlorobenzene
 Concen: 1.492 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: VN060077.D
 Acq: 12 Feb 2020 16:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.6	47.5	142.5
145	0.0	16.1	48.3



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

