

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070220\
 Data File : VN062341.D
 Acq On : 2 Jul 2020 18:30
 Operator : JC/MD
 Sample : L3160-01
 Misc : 7.31g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 00:35:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	121884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	238586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	100399	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	97185	56.82	ug/l	0.00
Spiked Amount			Recovery	=	113.64%	
35) Dibromofluoromethane	7.54	113	76028	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
50) Toluene-d8	10.06	98	308859	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.38	95	105383	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	97	Below Cal	#	41
11) Tert butyl alcohol	4.69	59	2756	11.222	ug/l #	72
16) Acetone	3.79	43	1099	Below Cal	#	40
17) Carbon Disulfide	3.99	76	1332	0.382	ug/l #	75
18) Methyl Acetate	4.29	43	3445	2.534	ug/l #	77
20) Methylene Chloride	4.50	84	2666	1.488	ug/l	91
25) 2-Butanone	6.80	43	1593	1.905	ug/l #	44
31) Cyclohexane	7.62	56	2879	1.218	ug/l #	2
36) 1,1-Dichloropropene	7.62	75	11708	4.882	ug/l #	47
37) Ethyl Acetate	6.80	43	1593	0.802	ug/l #	66
38) Carbon Tetrachloride	7.62	117	12992	5.746	ug/l #	16
40) Benzene	8.00	78	9494	1.299	ug/l	94
43) Isopropyl Acetate	8.20	43	786	0.243	ug/l #	58
48) Methyl methacrylate	9.43	41	625	0.431	ug/l #	28
51) 4-Methyl-2-Pentanone	9.96	43	614	0.325	ug/l #	33
52) Toluene	10.12	92	8488	1.903	ug/l	95
53) t-1,3-Dichloropropene	10.21	75	799	0.294	ug/l #	43
59) 2-Hexanone	10.74	43	572	0.419	ug/l #	44
67) Ethyl Benzene	11.48	91	26340	3.076	ug/l	99
68) m/p-Xylenes	11.59	106	56126	16.946	ug/l	96
69) o-Xylene	11.92	106	23824	7.624	ug/l	96
70) Styrene	11.92	104	2119	0.407	ug/l #	1
71) Bromoform	12.38	173	938	0.752	ug/l #	1
73) Isopropylbenzene	12.22	105	2697	0.347	ug/l	100
74) N-amyI acetate	12.05	43	268	3.431	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	55187	23.350	ug/l #	100
78) n-propylbenzene	12.57	91	17873	2.011	ug/l	96
79) 2-Chlorotoluene	12.63	91	5090	0.947	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.71	105	51573	8.186	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	55187	68.191	ug/l #	13
82) 4-Chlorotoluene	12.71	91	4209	0.757	ug/l #	41
83) tert-Butylbenzene	13.21	119	1860	0.345	ug/l	69
84) 1,2,4-Trimethylbenzene	13.01	105	164612	26.161	ug/l	99
85) sec-Butylbenzene	13.01	105	164612	23.105	ug/l #	57

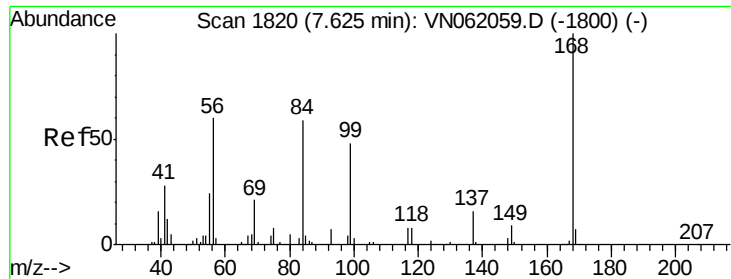
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070220\
 Data File : VN062341.D
 Acq On : 2 Jul 2020 18:30
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 Sample : L3160-01
 Misc : 7.31g/5mL/100uL/5.00mL/MSVOA_N/MEOH
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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.26	119	1905	0.305	ug/l #	51
88) 1,4-Dichlorobenzene	13.34	146	723	0.207	ug/l #	56
89) n-Butylbenzene	13.59	91	3664	0.706	ug/l #	75
90) Hexachloroethane	13.86	117	2816	2.299	ug/l #	17
93) 1,2,4-Trichlorobenzene	14.89	180	1130	0.787	ug/l	90
95) Naphthalene	15.10	128	405634	81.985	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	1199	0.817	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

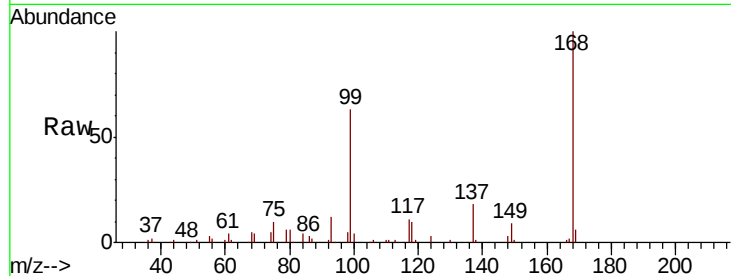
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 121884

Ion Ratio Lower Upper

168 100

99 63.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

60000

50000

40000

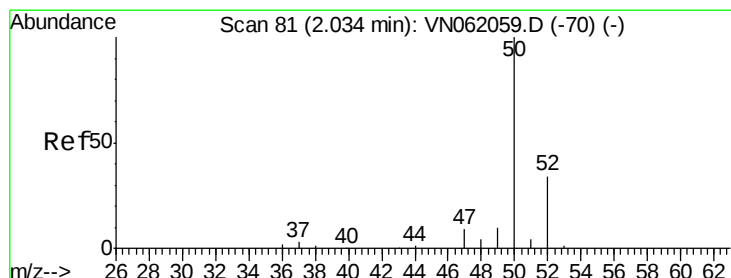
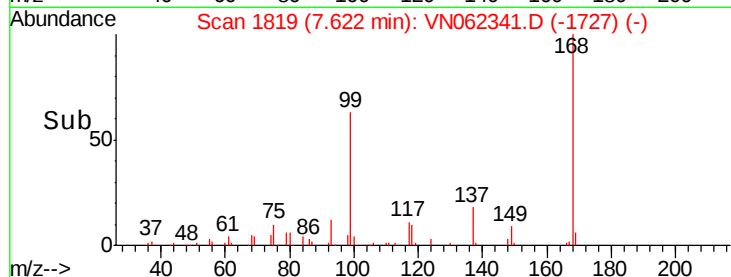
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: VN062341.D

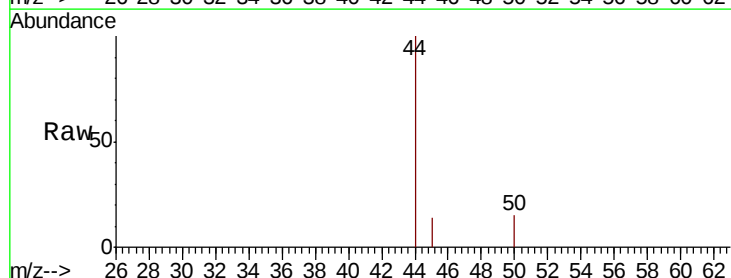
Acq: 2 Jul 2020 18:30

Tgt Ion: 50 Resp: 97

Ion Ratio Lower Upper

50 100

52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

200

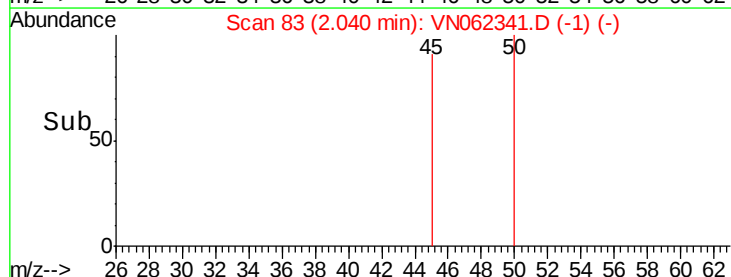
150

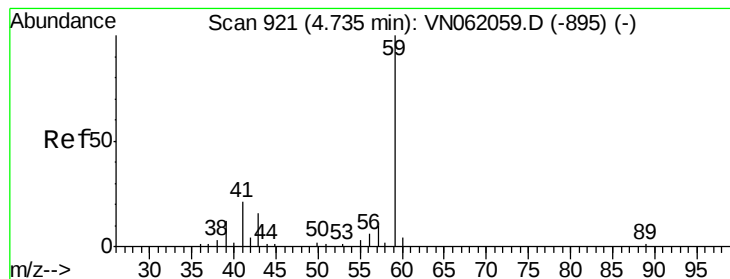
100

50

0

Time--> 2.03 2.04 2.05



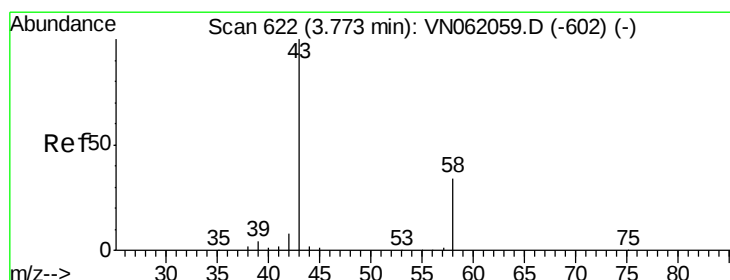
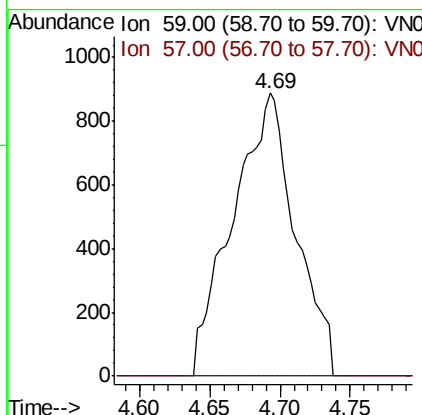
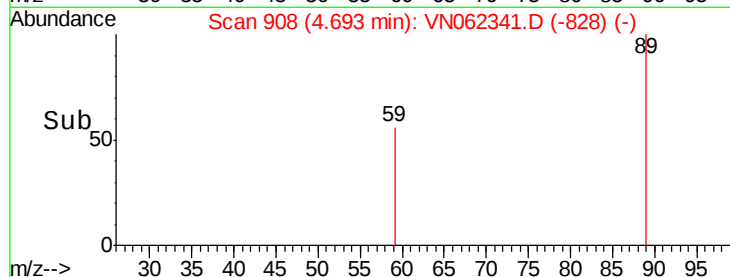
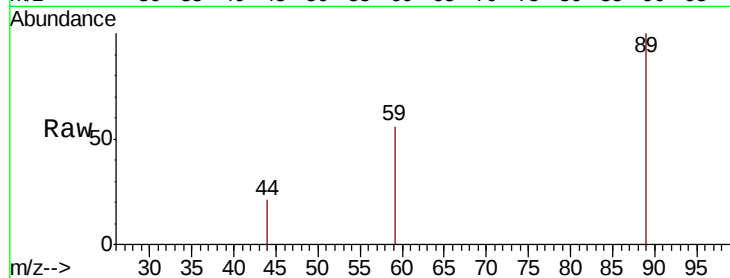


#11

Tert butyl alcohol
 Concen: 11.222 ug/l
 RT: 4.69 min Scan# 908
 Delta R.T. -0.04 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

Instrument :
 MSVOA_N
 ClientSampled :

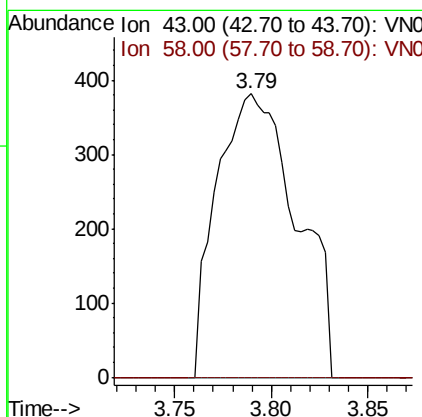
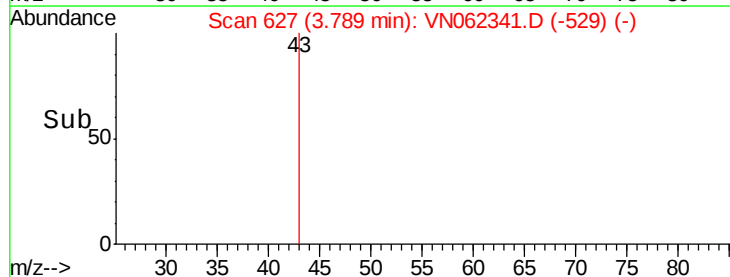
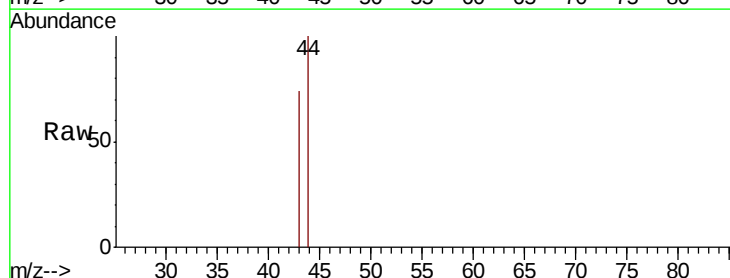
Tot Ion: 59 Resp: 2756
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

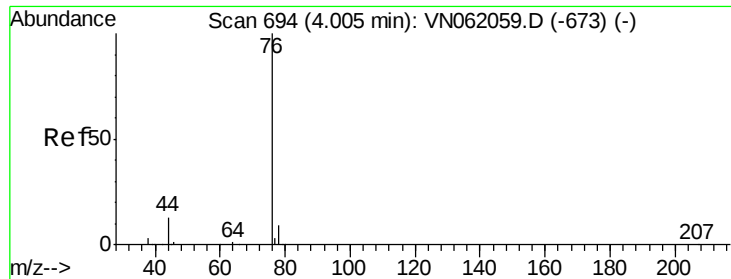


#16

Acetone
 Concen: Below Cal
 RT: 3.79 min Scan# 627
 Delta R.T. 0.02 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

Tgt Ion: 43 Resp: 1099
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.5 41.3#





#17

Carbon Disulfide

Concen: 0.382 ug/l

RT: 3.99 min Scan# 690

Delta R.T. -0.01 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

Instrument :

MSVOA_N

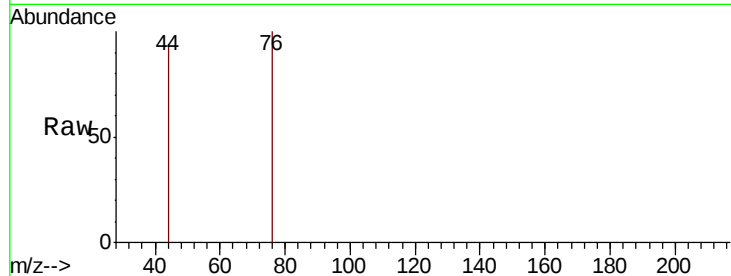
ClientSampled :

Tot Ion: 76 Resp: 1332

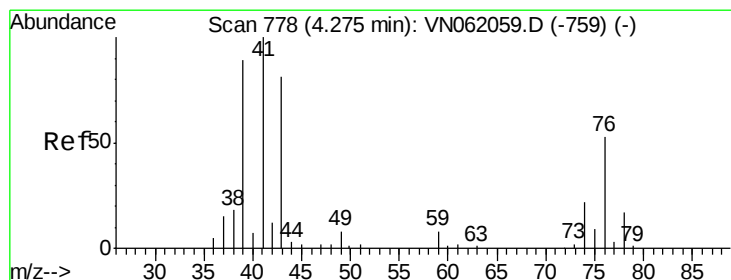
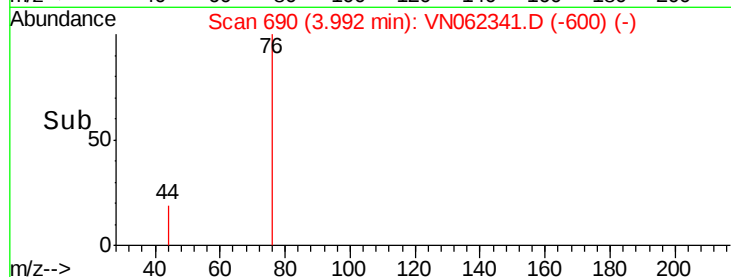
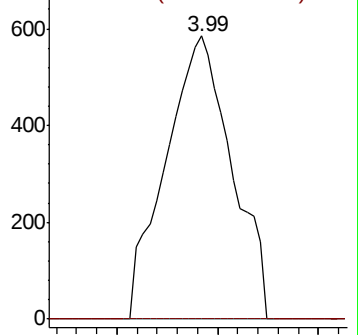
Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0



#18

Methyl Acetate

Concen: 2.534 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN062341.D

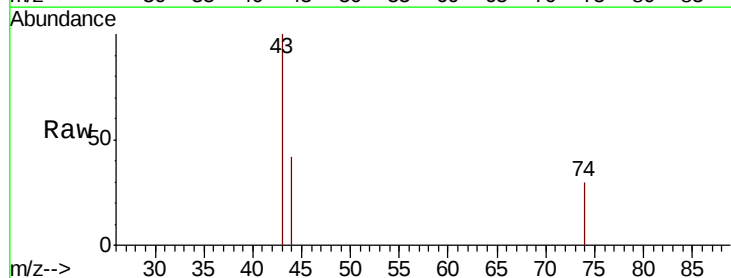
Acq: 2 Jul 2020 18:30

Tgt Ion: 43 Resp: 3445

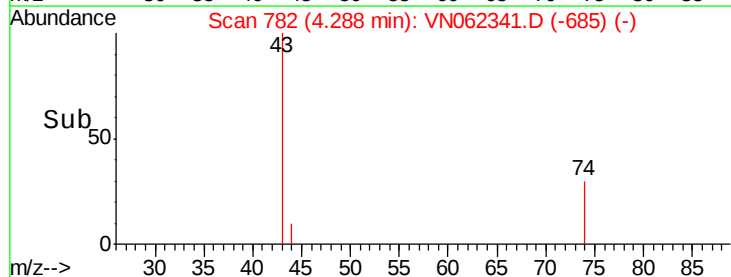
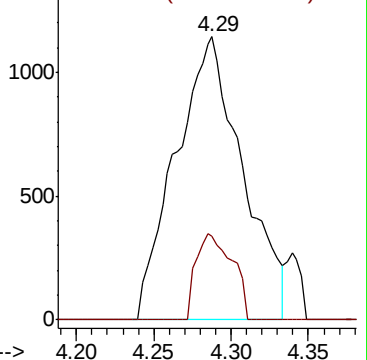
Ion Ratio Lower Upper

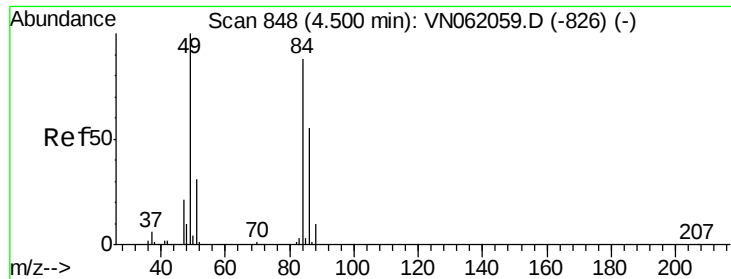
43 100

74 16.4 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

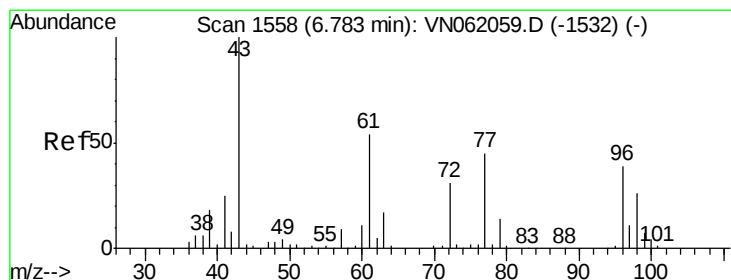
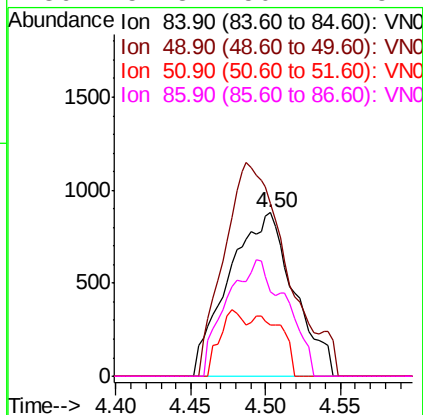
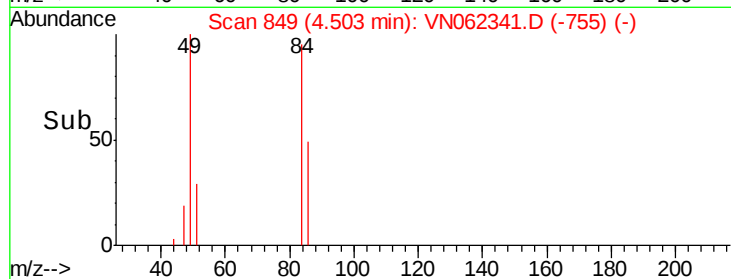
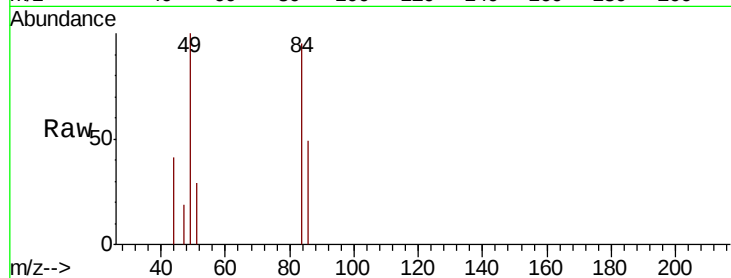




#20
Methvlene Chloride
Concen: 1.488 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

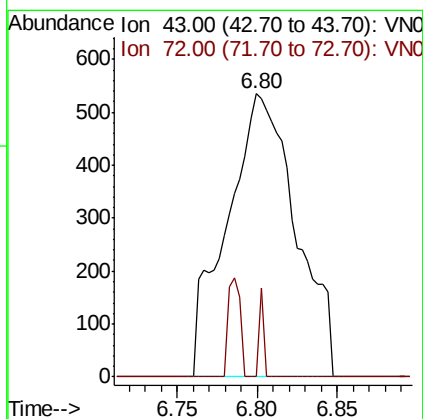
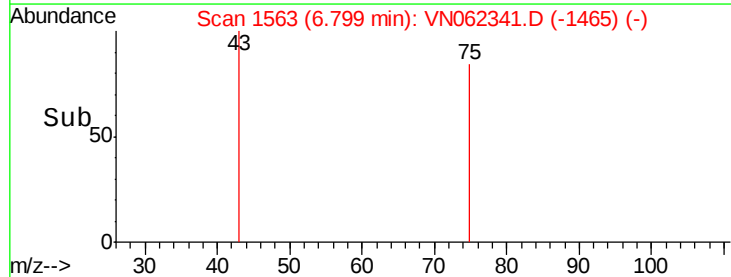
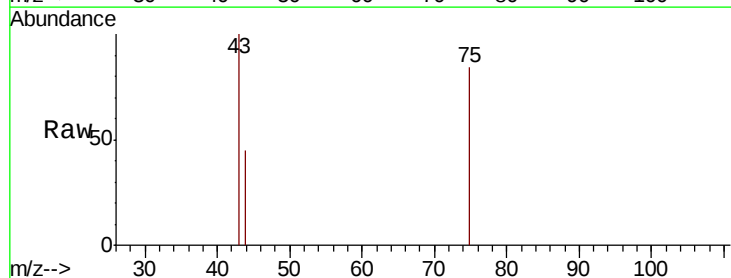
Instrument :
MSVOA_N
ClientSampled :

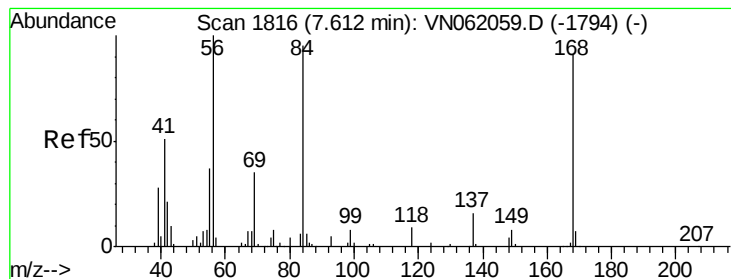
Tot Ion:	84	Resp:	2666
Ion	Ratio	Lower	Upper
84	100		
49	105.8	90.6	136.0
51	31.2	27.8	41.8
86	51.8	50.1	75.1



#25
2-Butanone
Concen: 1.905 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.02 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

Tgt Ion:	43	Resp:	1593
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.8	37.2#





#31

Cyclohexane

Concen: 1.218 ug/l

RT: 7.62 min Scan# 1816

Delta R.T. 0.01 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :

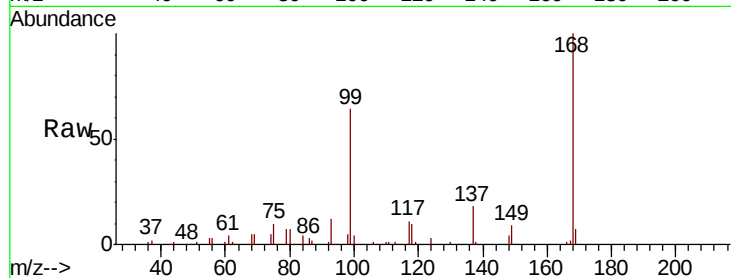
Tot Ion: 56 Resp: 2879

Ion Ratio Lower Upper

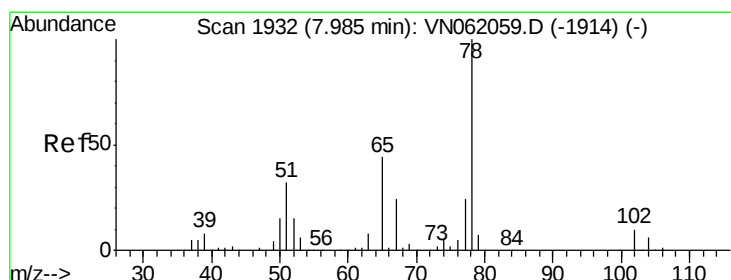
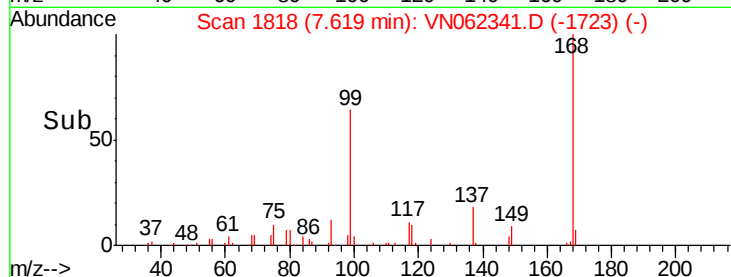
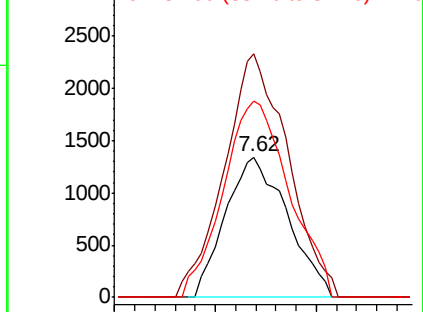
56 100

69 173.4 28.0 42.0#

84 139.7 76.1 114.1#



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



#33

1,2-Dichloroethane-d4

Concen: 56.819 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VN062341.D

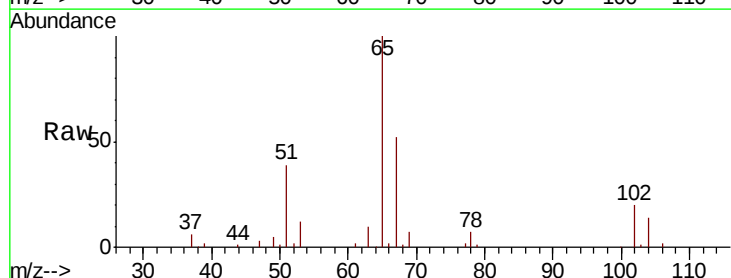
Acq: 2 Jul 2020 18:30

Tgt Ion: 65 Resp: 97185

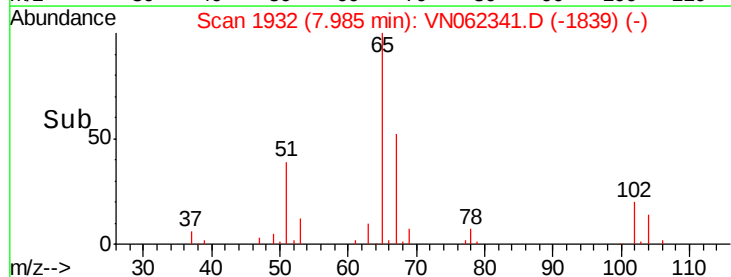
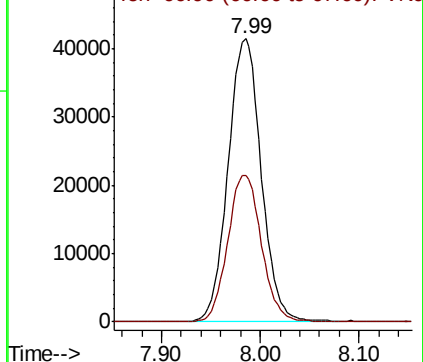
Ion Ratio Lower Upper

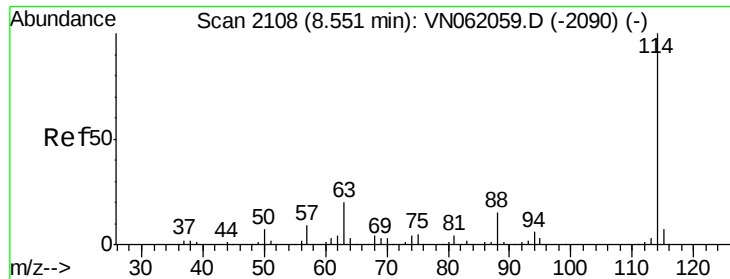
65 100

67 52.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

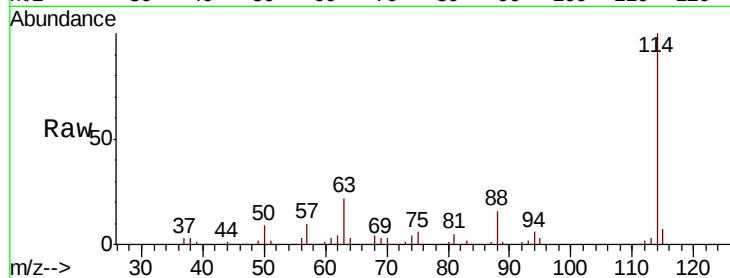




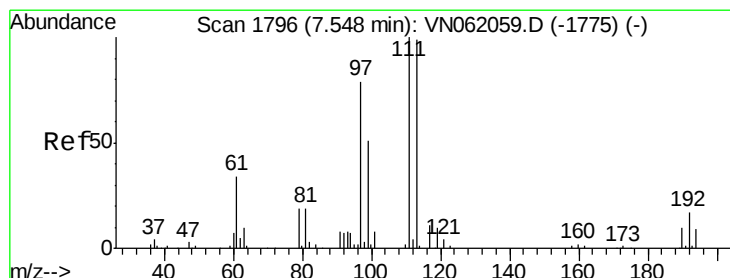
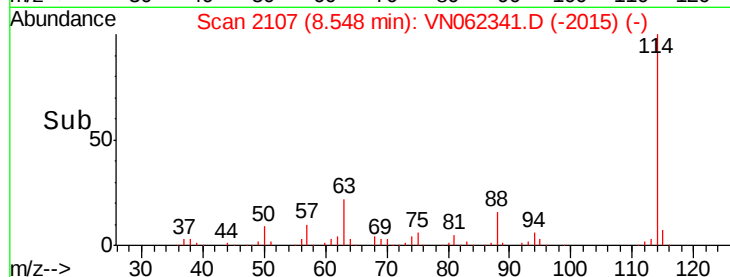
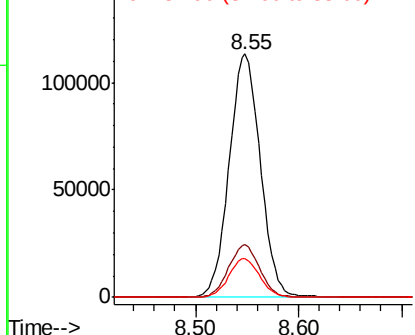
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 238586
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.2
 88 15.8 0.0 30.8

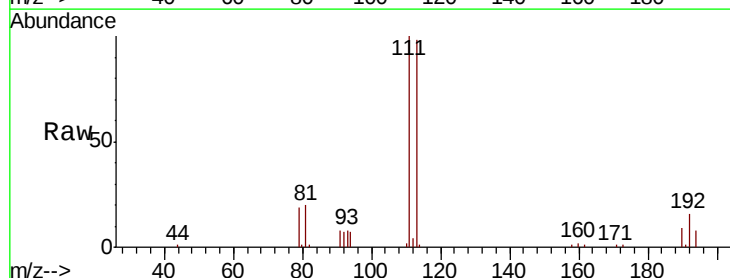


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

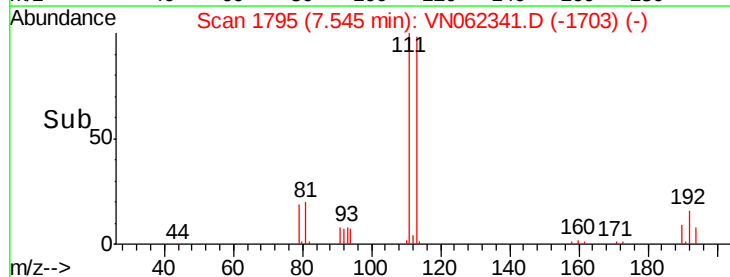
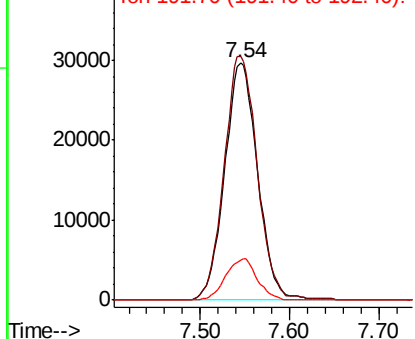


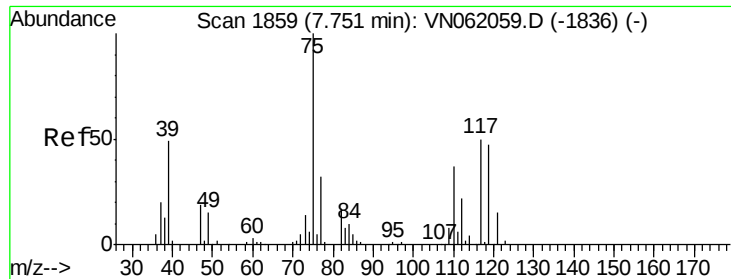
#35
 Dibromofluoromethane
 Concen: 49.671 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

Tgt Ion:113 Resp: 76028
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 16.5 14.0 21.0



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

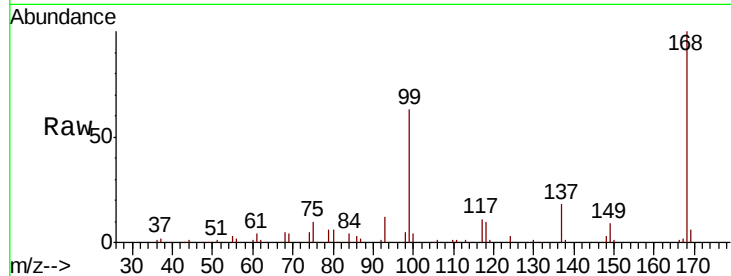




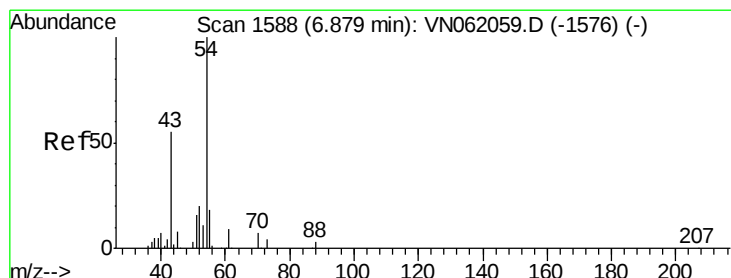
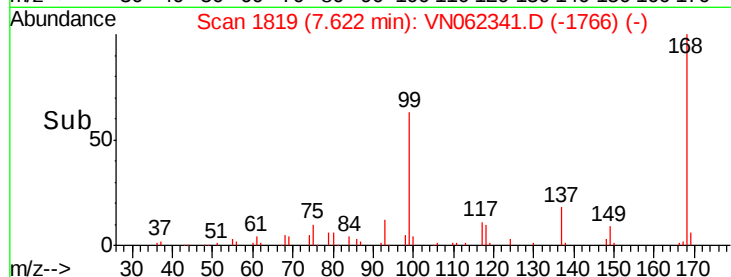
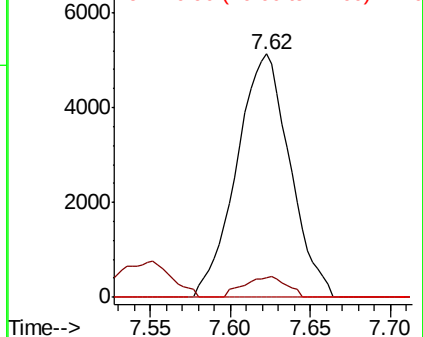
#36
 1,1-Dichloropropene
 Concen: 4.882 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 11708
 Ion Ratio Lower Upper
 75 100
 110 6.7 17.9 53.8#
 77 0.0 24.9 37.3#

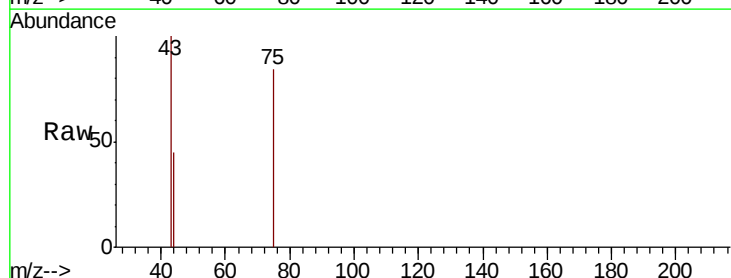


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN
 Ion 76.90 (76.60 to 77.60): VN

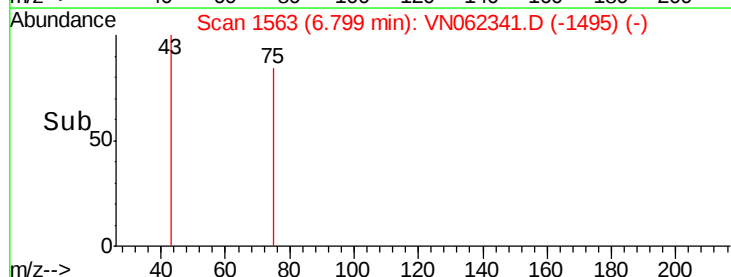
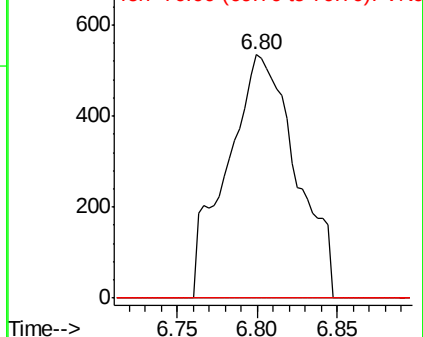


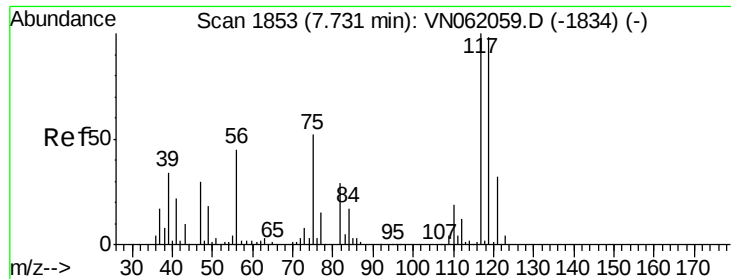
#37
 Ethyl Acetate
 Concen: 0.802 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.08 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

Tgt Ion: 43 Resp: 1593
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.0 18.0#
 70 0.0 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

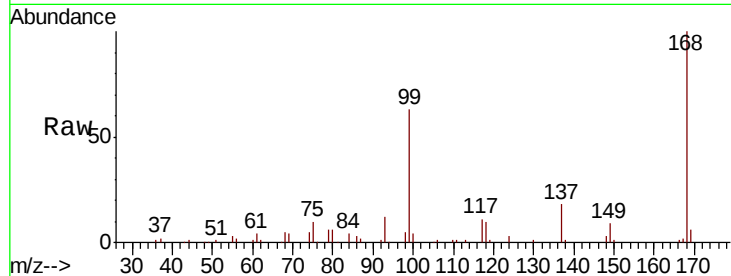




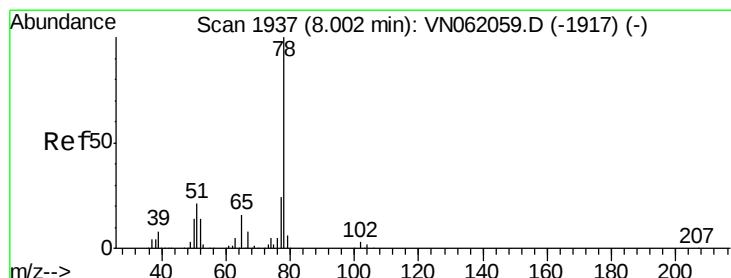
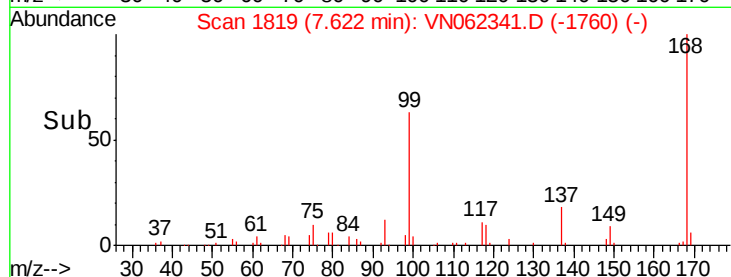
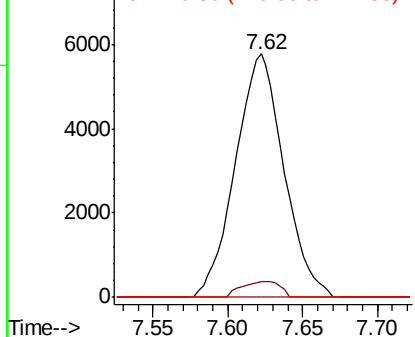
#38
Carbon Tetrachloride
Concen: 5.746 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.11 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 12992
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 25.8 38.6#

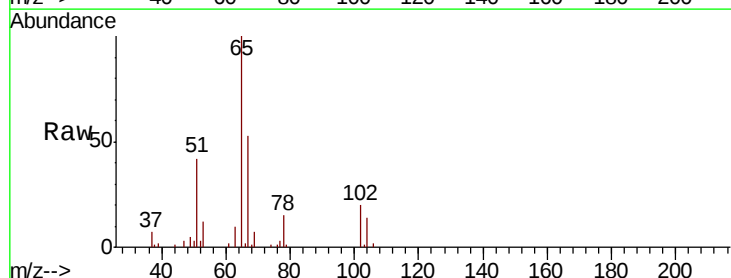


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

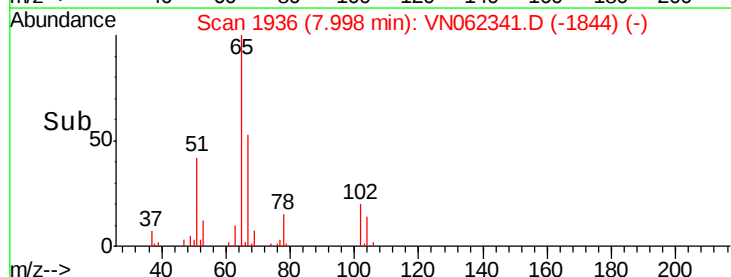
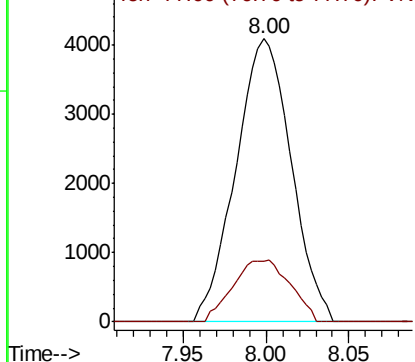


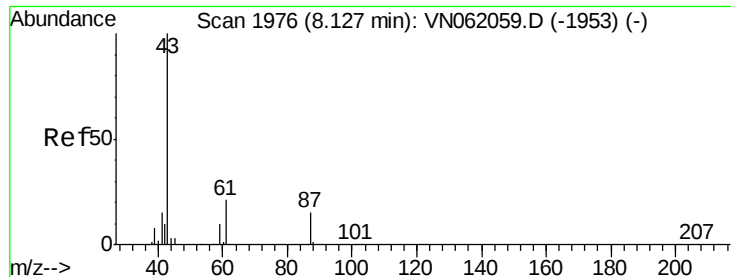
#40
Benzene
Concen: 1.299 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

Tgt Ion: 78 Resp: 9494
Ion Ratio Lower Upper
78 100
77 21.6 19.5 29.3



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





#43

Isopropyl Acetate

Concen: 0.243 ug/l

RT: 8.20 min Scan# 2000

Delta R.T. 0.08 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

Instrument :

MSVOA_N

ClientSampled :

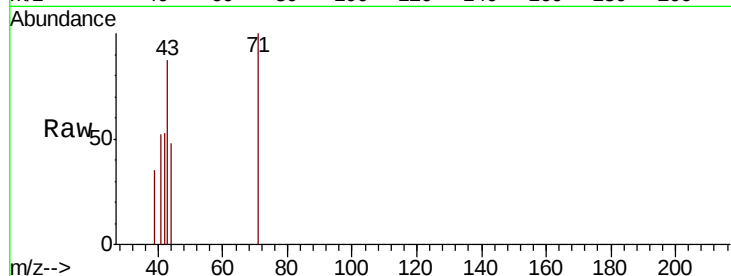
Tot Ion: 43 Resp: 786

Ion Ratio Lower Upper

43 100

61 0.0 17.2 25.8#

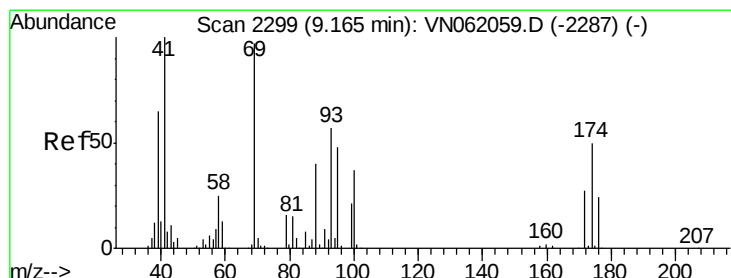
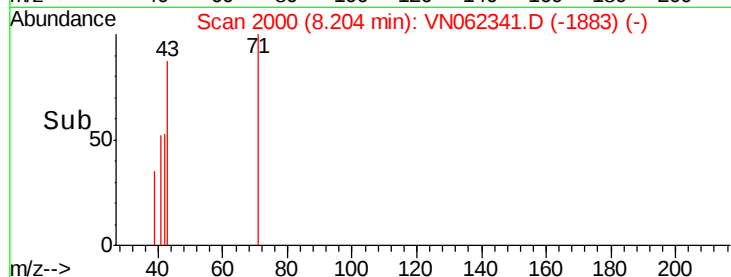
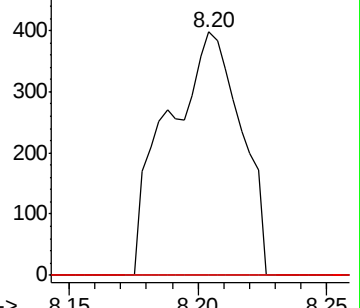
87 0.0 12.1 18.1#



Abundance Ion 43.00 (42.70 to 43.70): VN062341.D (-2000) (-)

Ion 61.00 (60.70 to 61.70): VN062341.D (-2000) (-)

Ion 87.00 (86.70 to 87.70): VN062341.D (-2000) (-)



#48

Methyl methacrylate

Concen: 0.431 ug/l

RT: 9.43 min Scan# 2382

Delta R.T. 0.27 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

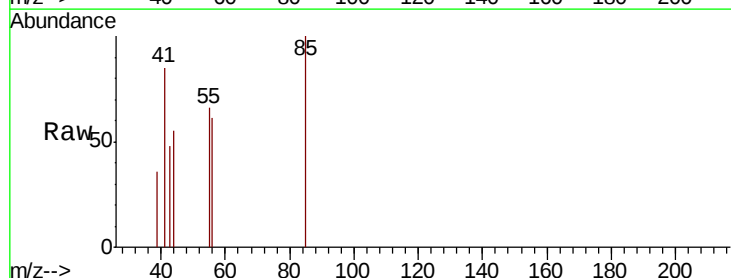
Tgt Ion: 41 Resp: 625

Ion Ratio Lower Upper

41 100

69 0.0 80.7 121.1#

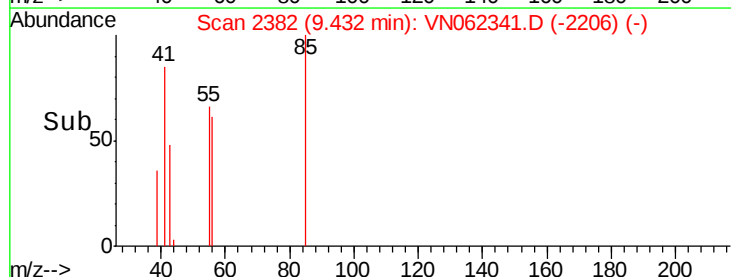
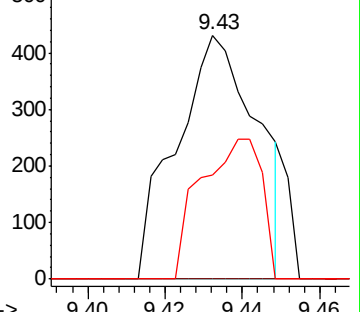
39 43.7 54.5 81.7#

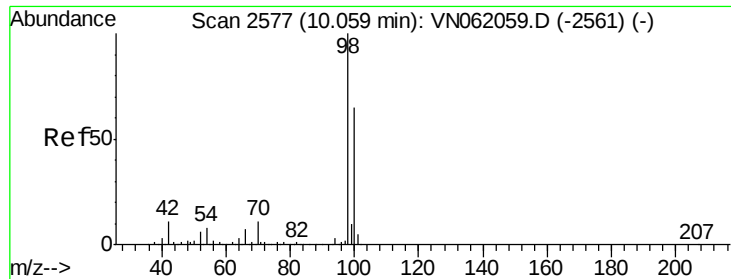


Abundance Ion 41.00 (40.70 to 41.70): VN062341.D (-2382) (-)

Ion 69.00 (68.70 to 69.70): VN062341.D (-2382) (-)

Ion 39.00 (38.70 to 39.70): VN062341.D (-2382) (-)





#50

Toluene-d8

Concen: 50.480 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

Instrument :

MSVOA_N

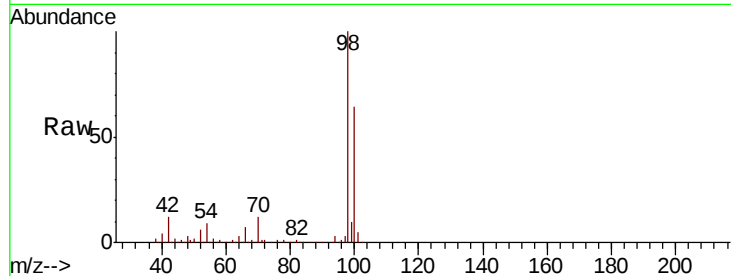
ClientSampleId :

Tot Ion: 98 Resp: 308859

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062059.D (-2561) (-)

10.06

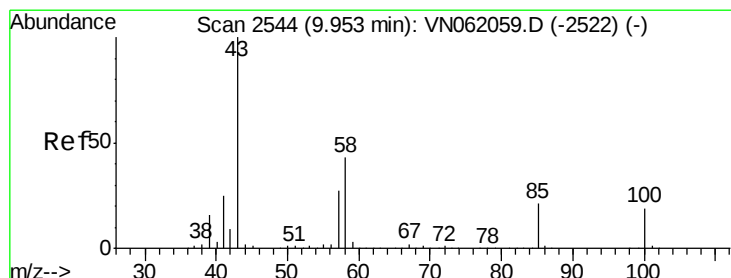
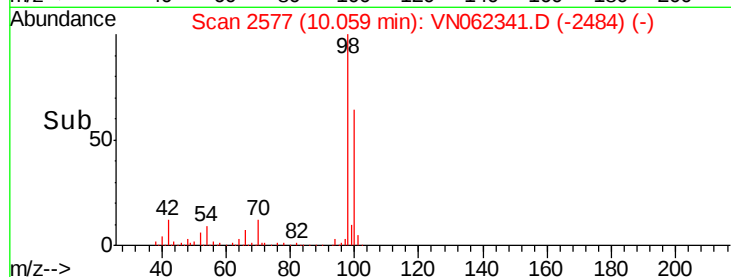
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.325 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN062341.D

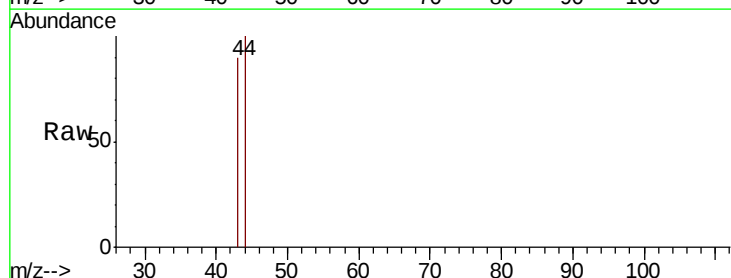
Acq: 2 Jul 2020 18:30

Tgt Ion: 43 Resp: 614

Ion Ratio Lower Upper

43 100

58 0.0 34.2 51.2#



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.96

400

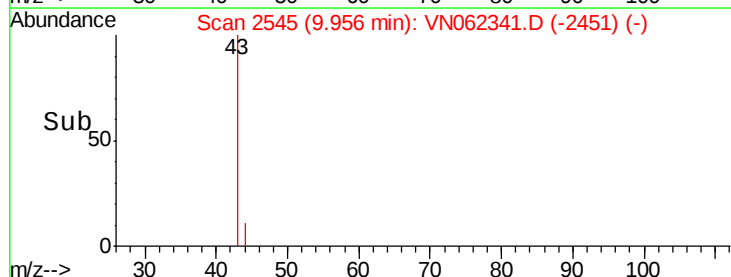
300

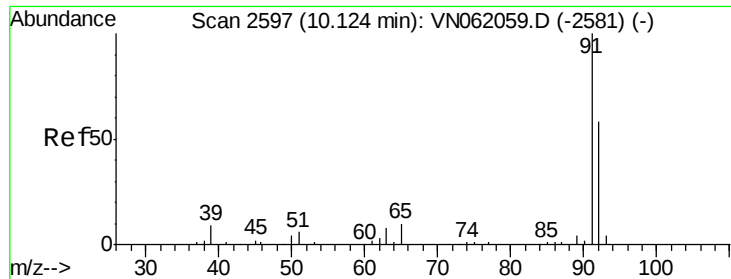
200

100

0

Time-->





#52

Toluene

Concen: 1.903 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

Instrument :

MSVOA_N

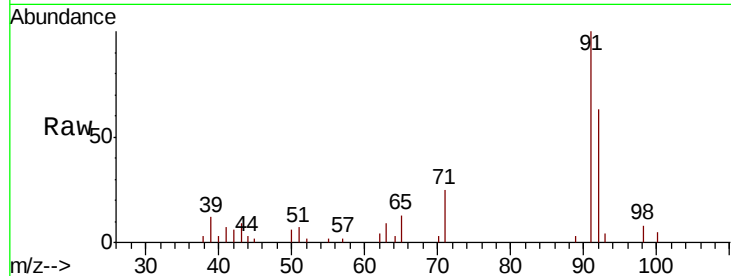
ClientSampled :

Tot Ion: 92 Resp: 8488

Ion Ratio Lower Upper

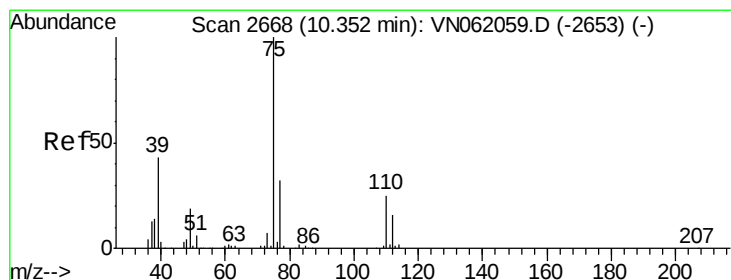
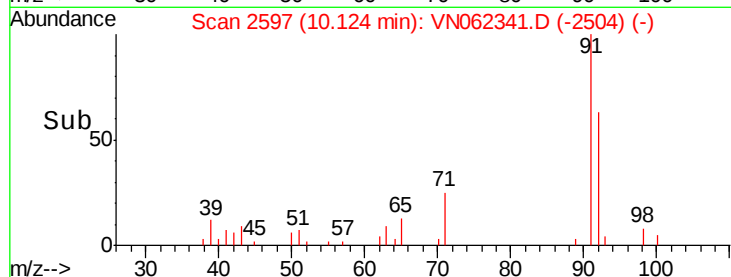
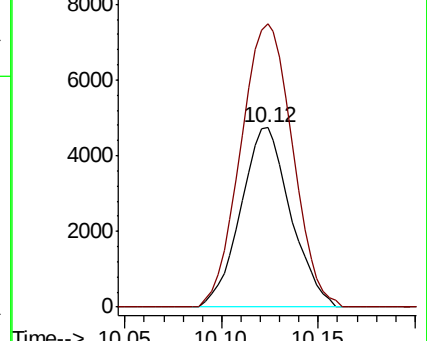
92 100

91 164.3 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.294 ug/l

RT: 10.21 min Scan# 2625

Delta R.T. -0.14 min

Lab File: VN062341.D

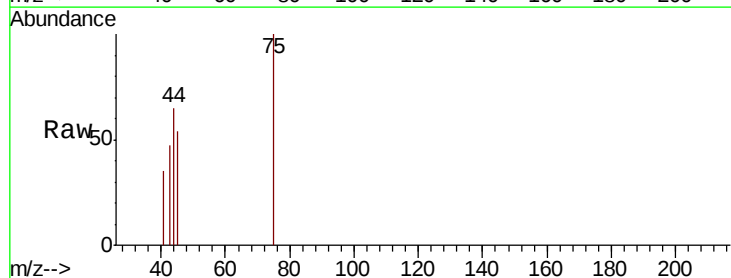
Acq: 2 Jul 2020 18:30

Tgt Ion: 75 Resp: 799

Ion Ratio Lower Upper

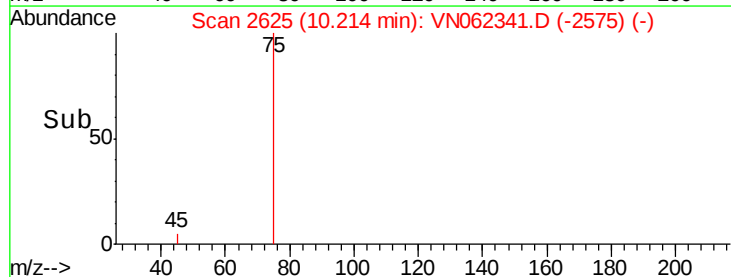
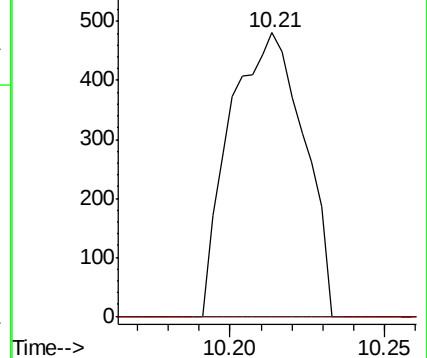
75 100

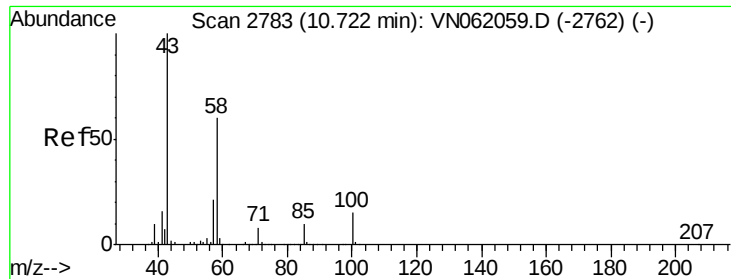
77 0.0 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

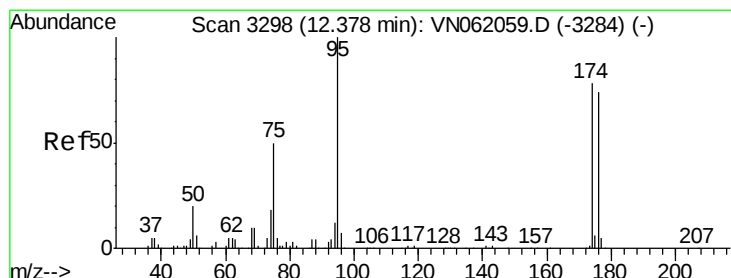
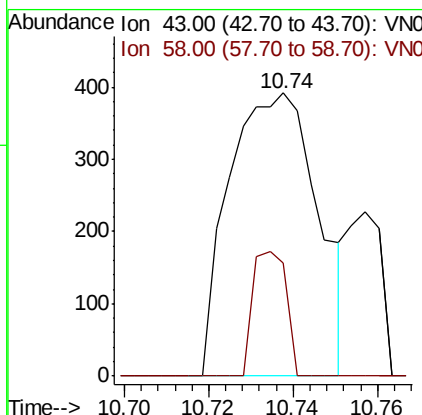
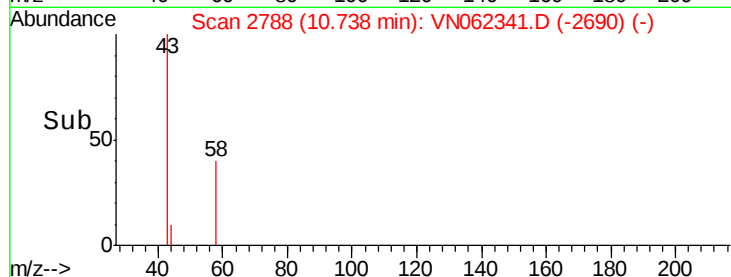
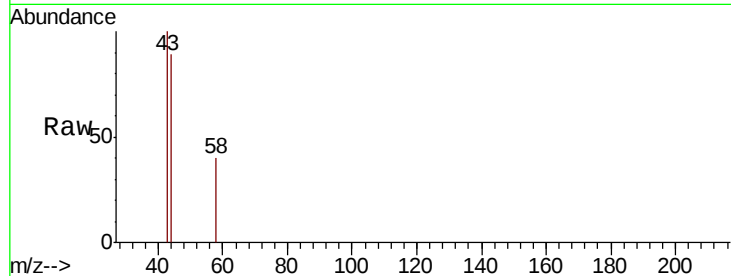




#59
2-Hexanone
Concen: 0.419 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.02 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

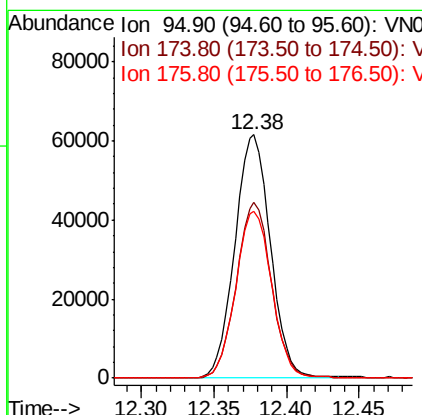
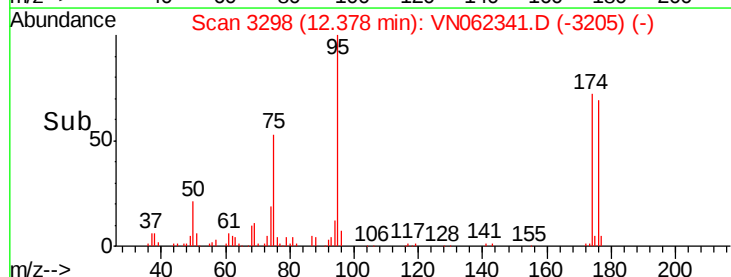
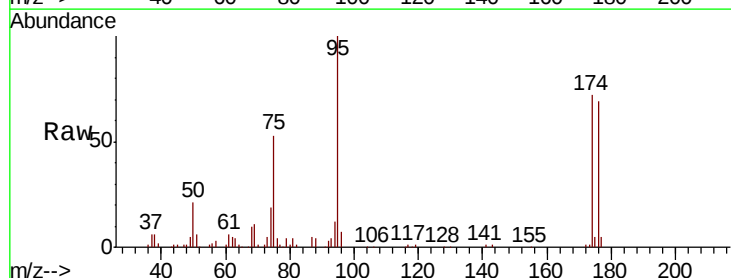
Instrument :
MSVOA_N
ClientSampled :

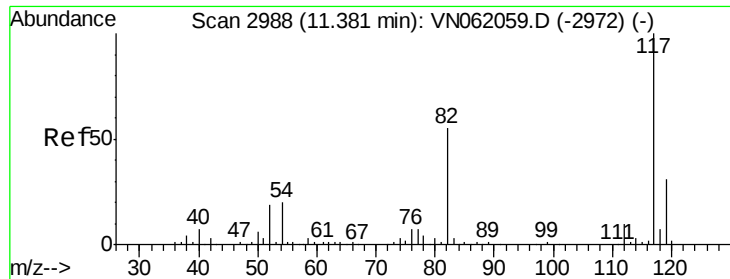
Tot Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 16.8 29.5 88.5#



#62
4-Bromofluorobenzene
Concen: 50.979 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

Tgt Ion: 95 Resp: 105383
Ion Ratio Lower Upper
95 100
174 71.3 0.0 154.8
176 69.4 0.0 147.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

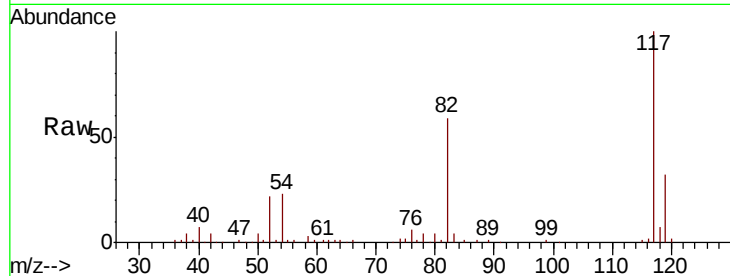
Tot Ion:117 Resp: 230881

Ion Ratio Lower Upper

117 100

82 58.9 43.8 65.8

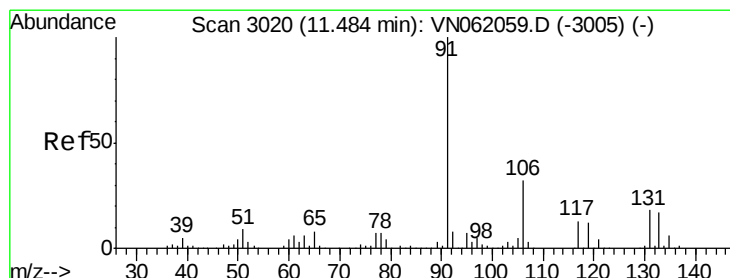
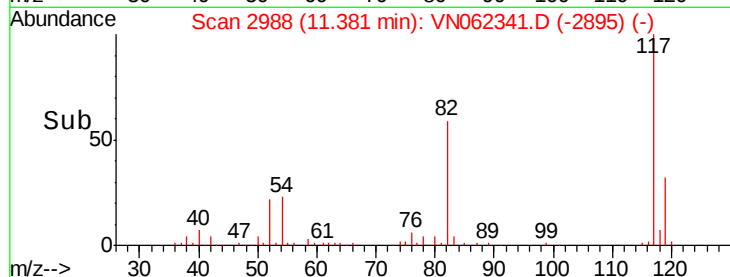
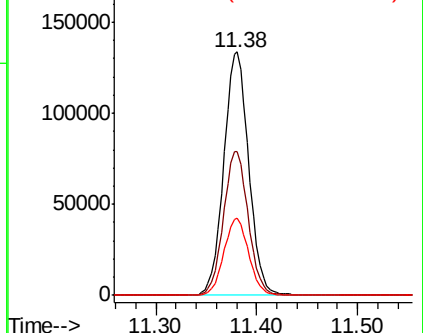
119 31.6 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 3.076 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062341.D

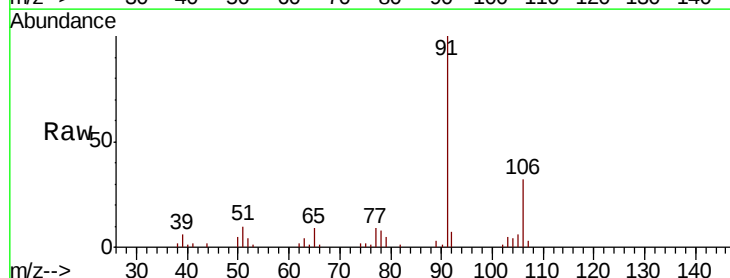
Acq: 2 Jul 2020 18:30

Tgt Ion: 91 Resp: 26340

Ion Ratio Lower Upper

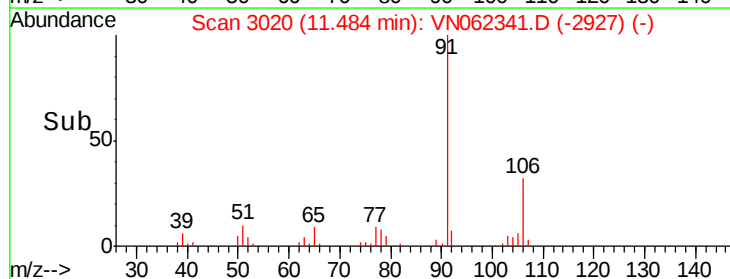
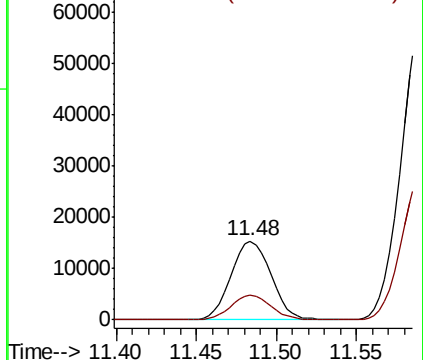
91 100

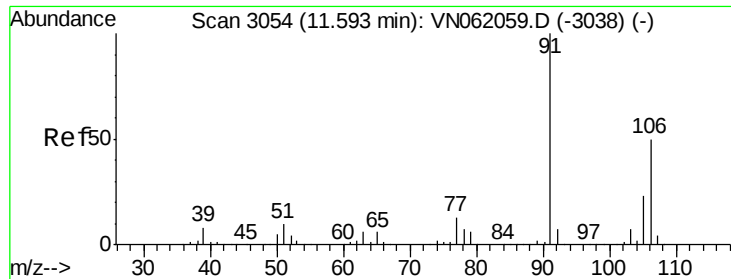
106 32.1 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

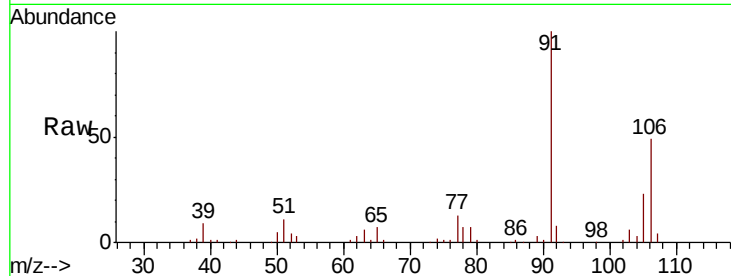




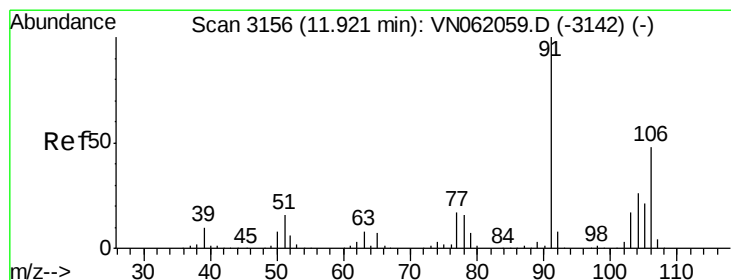
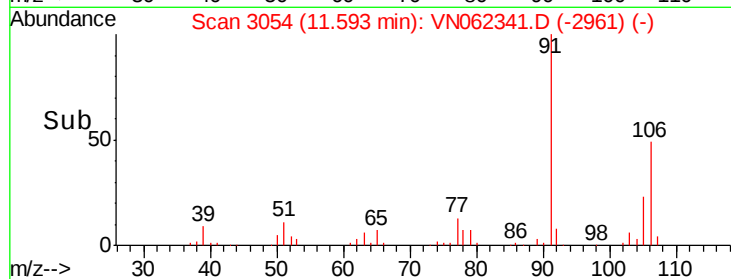
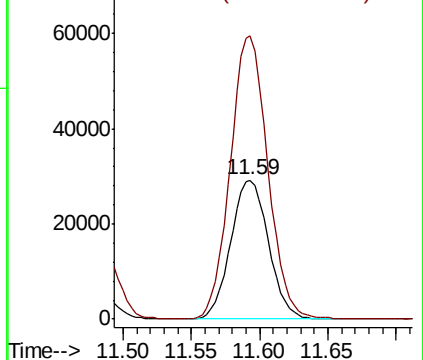
#68
m/p-Xvlenes
Concen: 16.946 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 56126
Ion Ratio Lower Upper
106 100
91 202.7 157.8 236.8

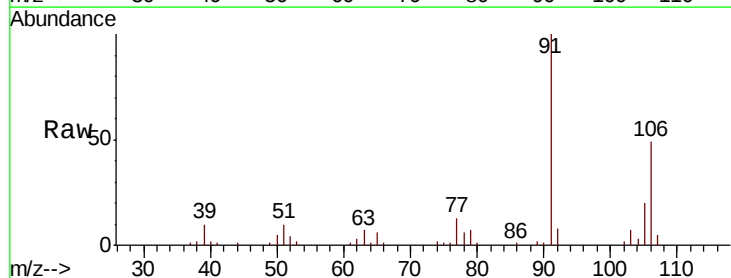


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

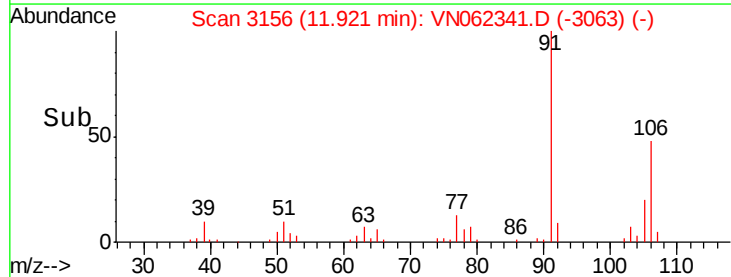
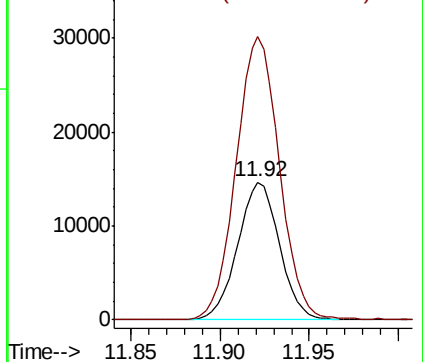


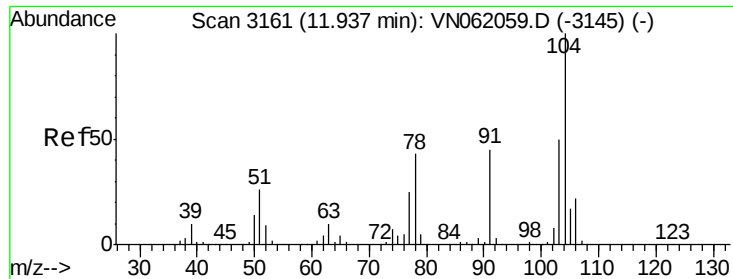
#69
o-Xylene
Concen: 7.624 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

Tgt Ion:106 Resp: 23824
Ion Ratio Lower Upper
106 100
91 213.7 104.0 311.9



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

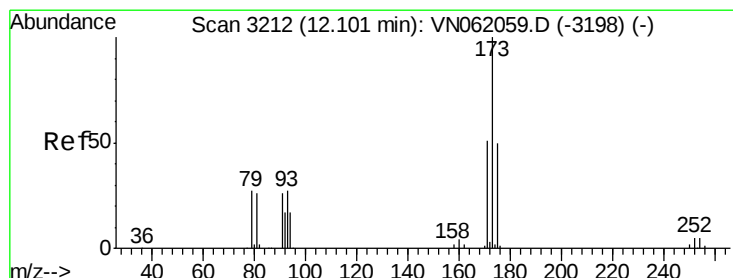
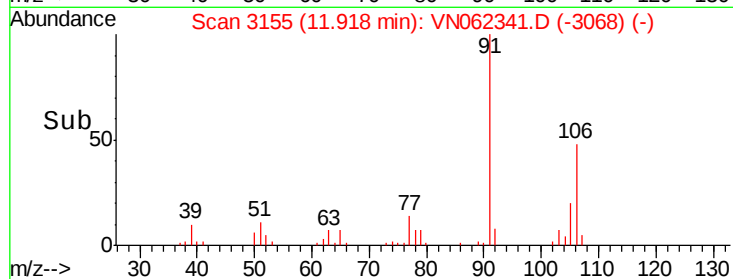
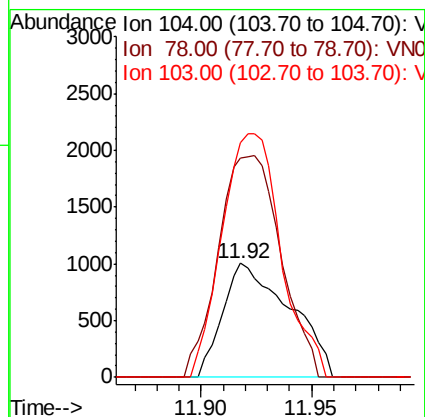
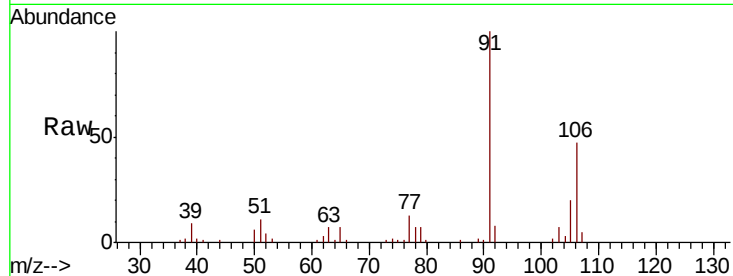




#70
Stvrene
Concen: 0.407 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.02 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

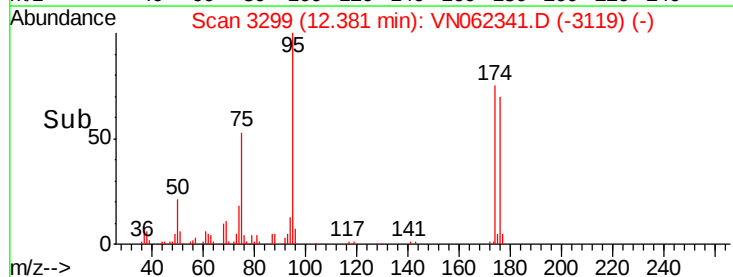
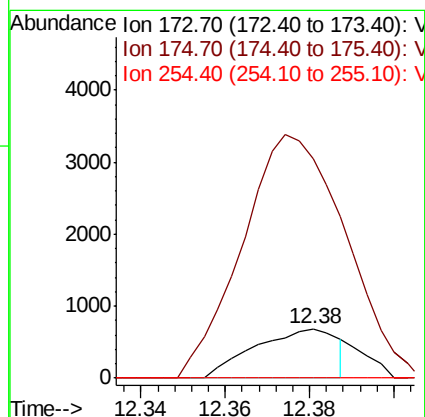
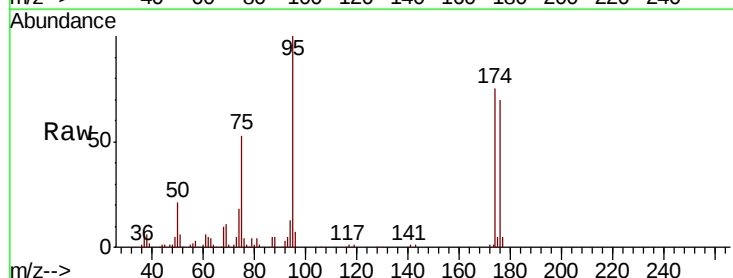
Instrument :
MSVOA_N
ClientSampled :

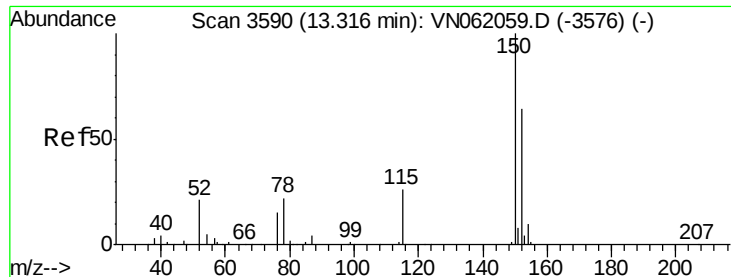
Tot Ion:104 Resp: 2119
Ion Ratio Lower Upper
104 100
78 180.7 37.7 56.5#
103 188.3 43.0 64.6#



#71
Bromoform
Concen: 0.752 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.28 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

Tgt Ion:173 Resp: 938
Ion Ratio Lower Upper
173 100
175 527.5 24.7 74.1#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

Instrument :

MSVOA_N

ClientSampled :

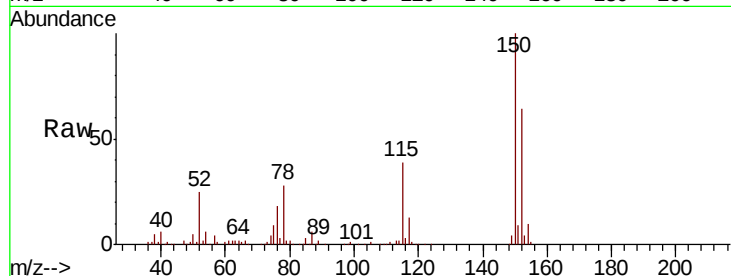
Tot Ion:152 Resp: 100399

Ion Ratio Lower Upper

152 100

115 62.5 29.5 88.5

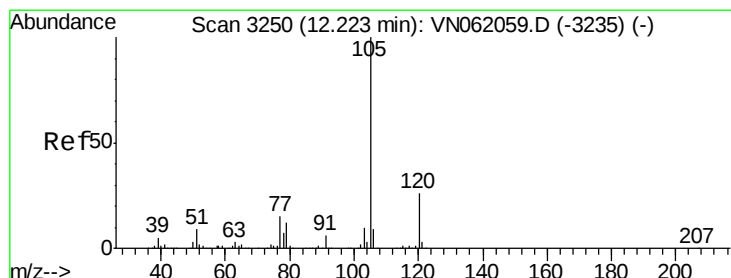
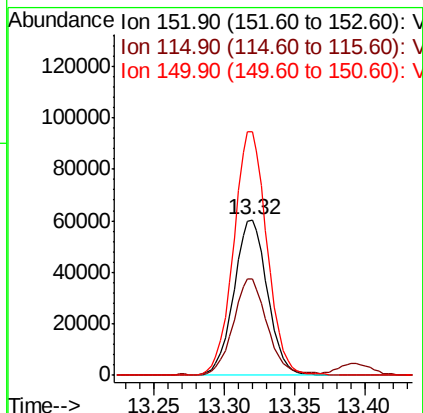
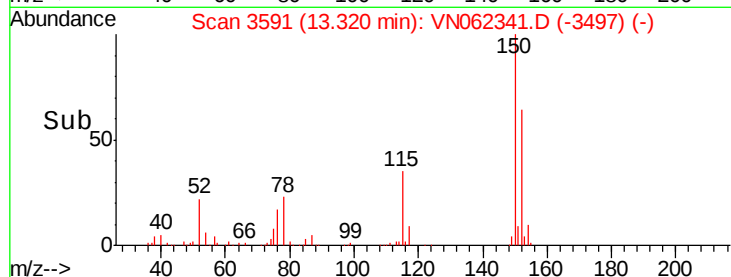
150 156.0 0.0 351.4



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: 0.347 ug/l

RT: 12.22 min Scan# 3249

Delta R.T. -0.00 min

Lab File: VN062341.D

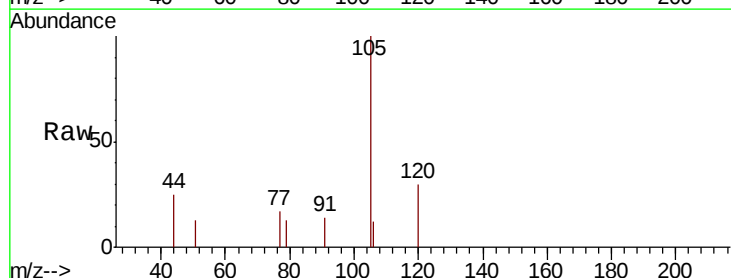
Acq: 2 Jul 2020 18:30

Tgt Ion:105 Resp: 2697

Ion Ratio Lower Upper

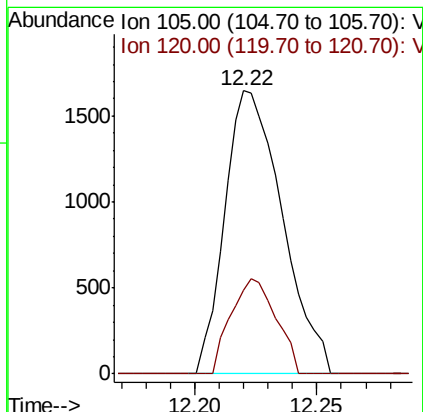
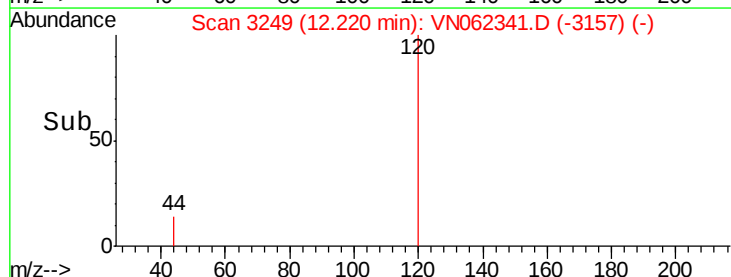
105 100

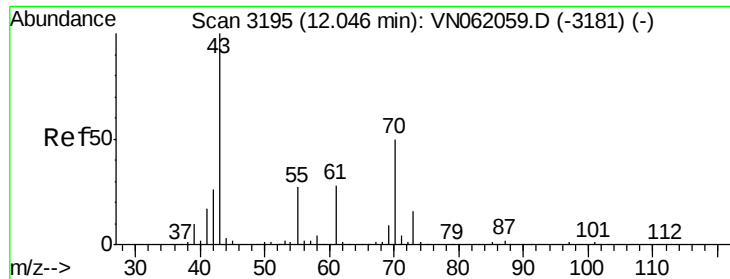
120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

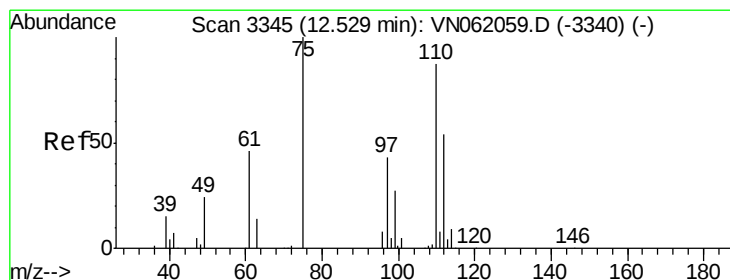
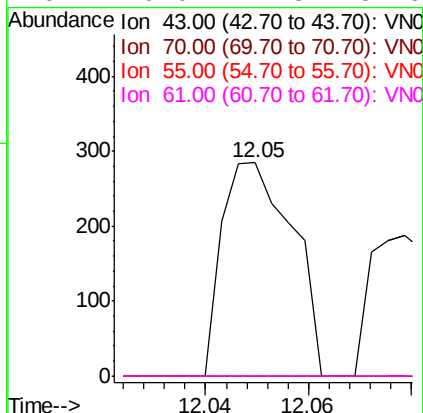
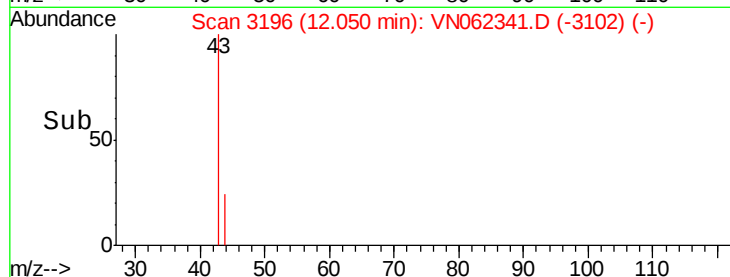
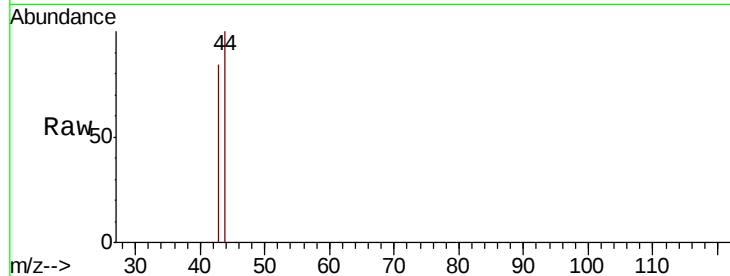




#74
N-amvl acetate
Concen: 3.431 ug/l
RT: 12.05 min Scan# 3196
Delta R.T. 0.00 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

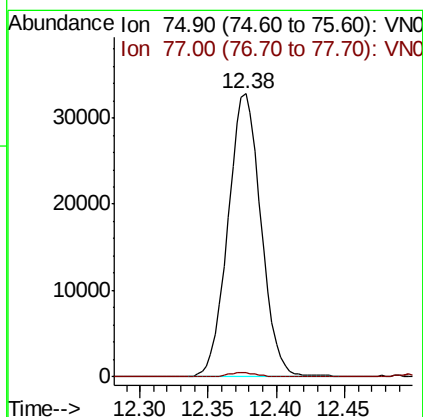
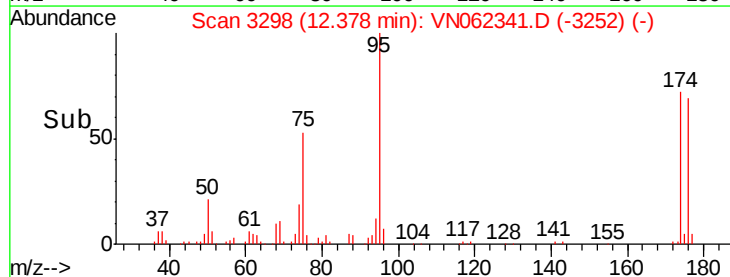
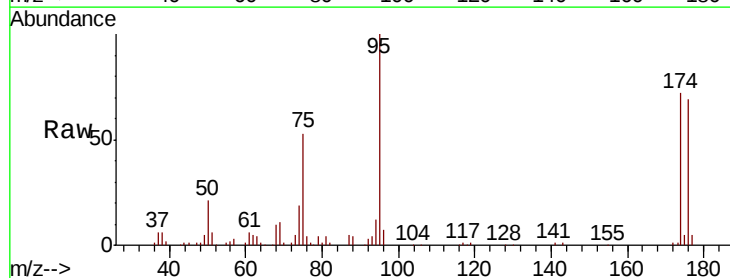
Instrument :
MSVOA_N
ClientSampled :

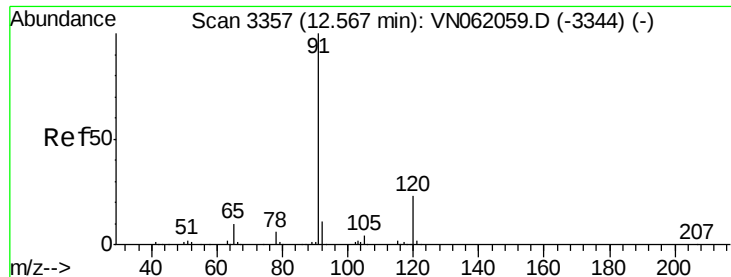
Tot Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
70 0.0 39.4 59.2#
55 0.0 21.7 32.5#
61 0.0 21.3 31.9#



#76
1,2,3-Trichloropropane
Concen: 23.350 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

Tgt Ion: 75 Resp: 55187
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 2.011 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062341.D

Acq: 2 Jul 2020 18:30

Instrument :

MSVOA_N

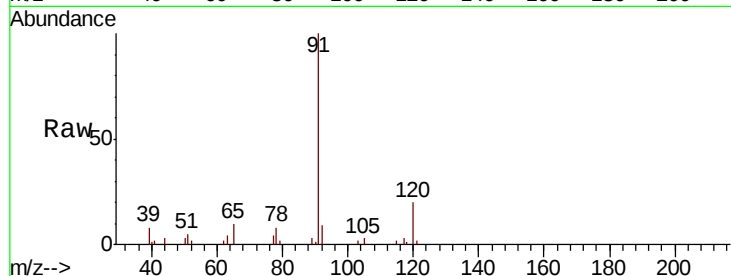
ClientSampled :

Tot Ion: 91 Resp: 17873

Ion Ratio Lower Upper

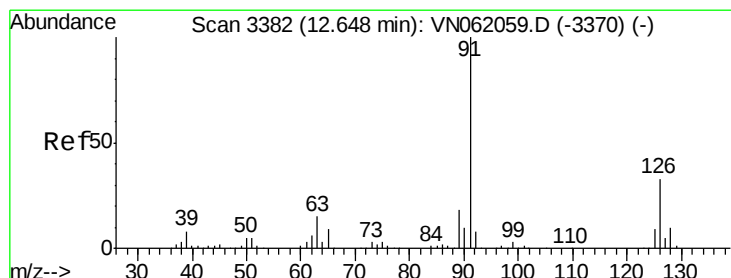
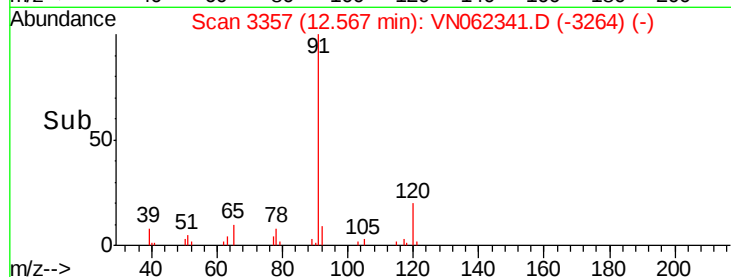
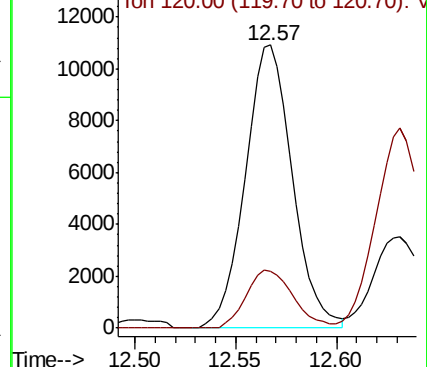
91 100

120 20.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN062341.D (-3264) (-)

Ion 120.00 (119.70 to 120.70): VN062341.D (-3264) (-)



#79

2-Chlorotoluene

Concen: 0.947 ug/l

RT: 12.63 min Scan# 3377

Delta R.T. -0.02 min

Lab File: VN062341.D

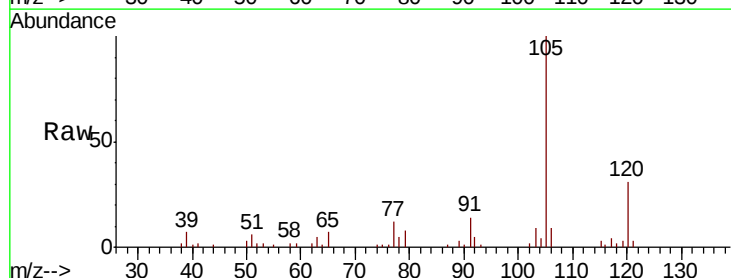
Acq: 2 Jul 2020 18:30

Tgt Ion: 91 Resp: 5090

Ion Ratio Lower Upper

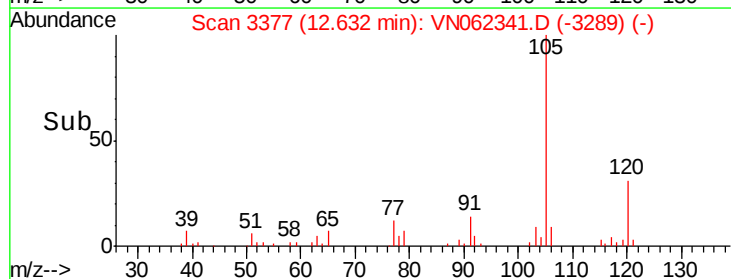
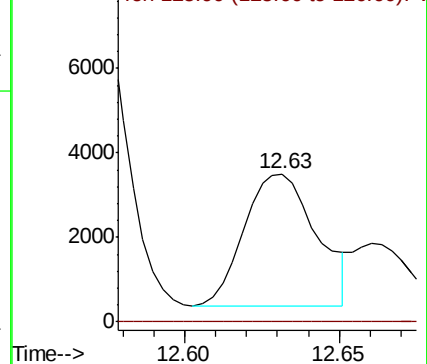
91 100

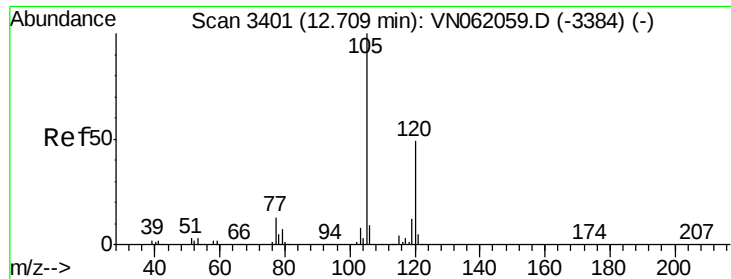
126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VN062341.D (-3289) (-)

Ion 125.90 (125.60 to 126.60): VN062341.D (-3289) (-)

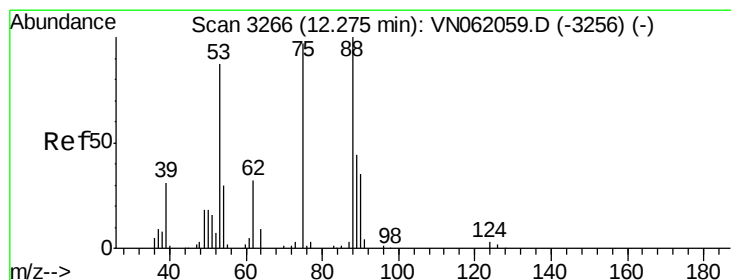
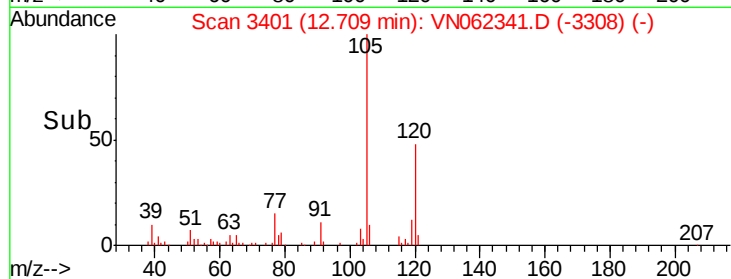
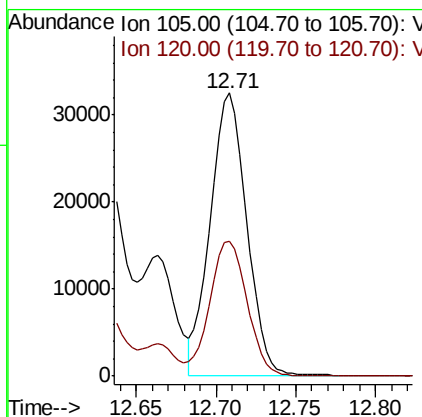
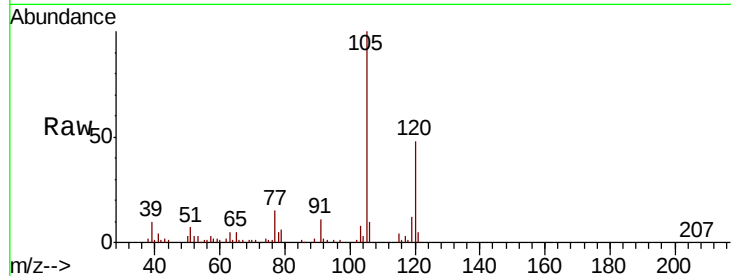




#80
 1,3,5-Trimethylbenzene
 Concen: 8.186 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

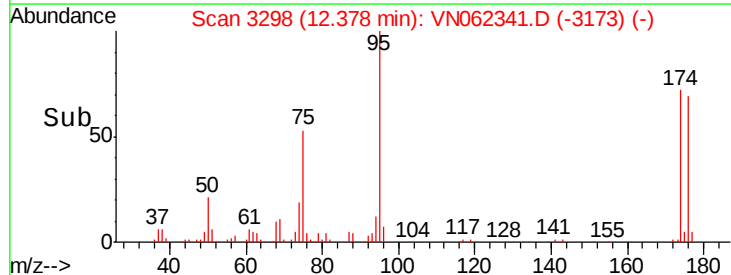
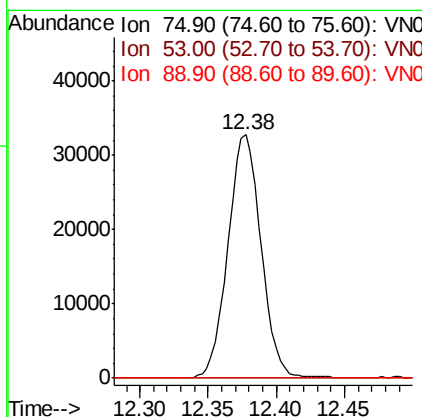
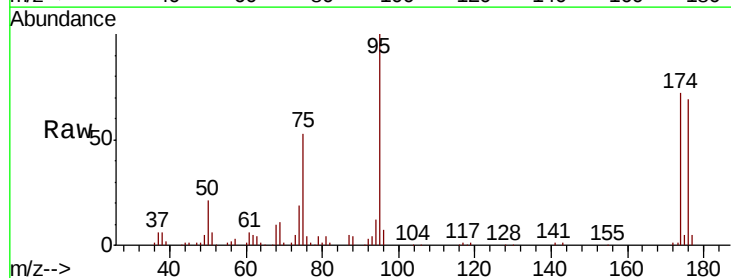
Instrument :
 MSVOA_N
 ClientSampled :

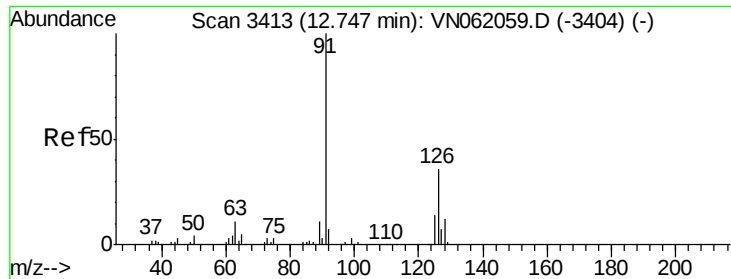
Tot Ion:105 Resp: 51573
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.191 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

Tgt Ion: 75 Resp: 55187
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.0 108.0#
 89 0.0 36.9 55.3#

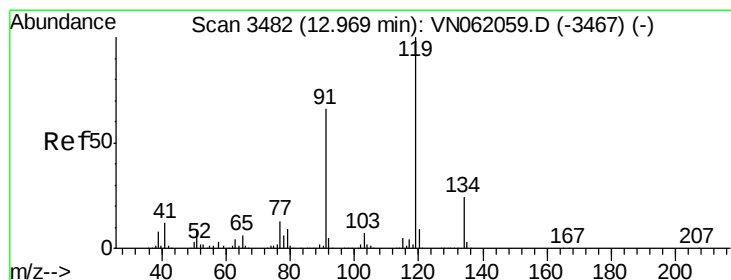
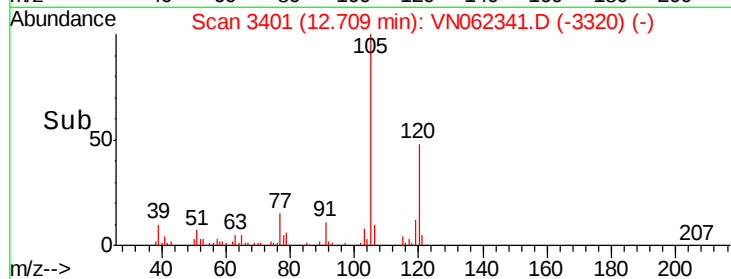
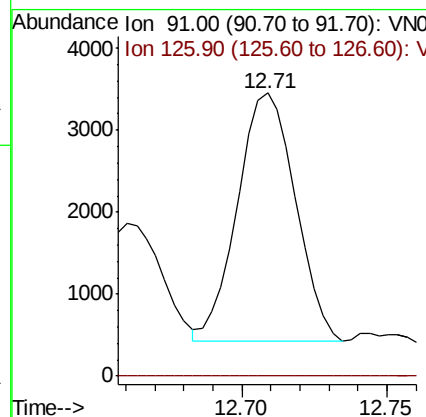
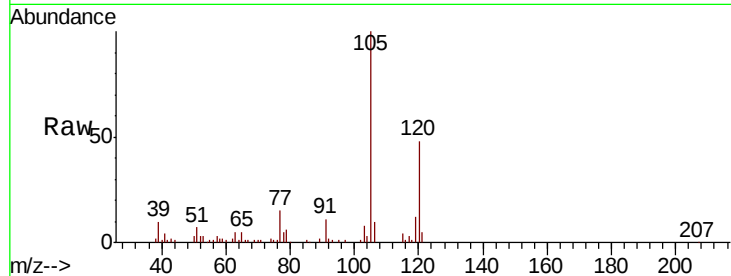




#82
4-Chlorotoluene
Concen: 0.757 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.04 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

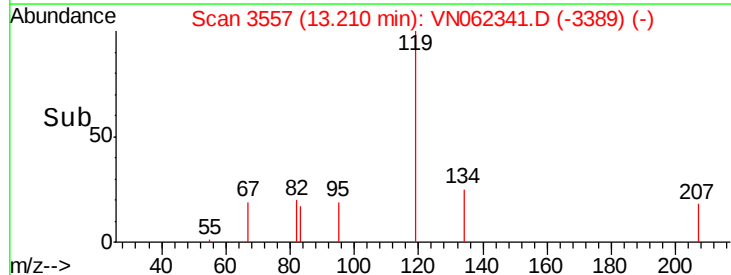
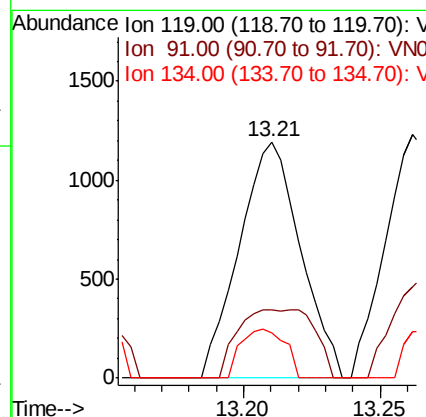
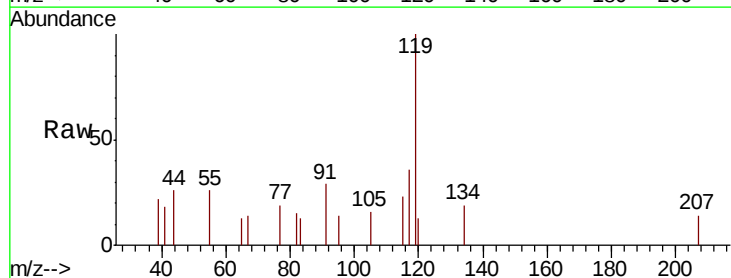
Instrument :
MSVOA_N
ClientSampleId :

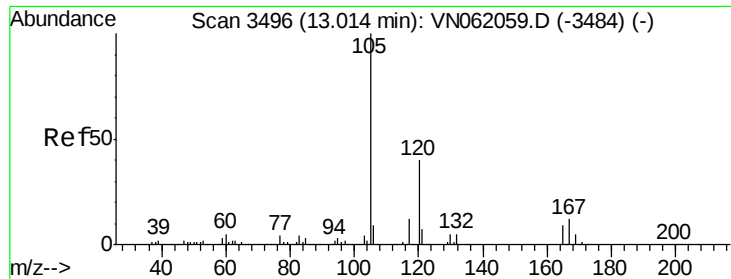
Tot Ion: 91 Resp: 4209
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.1#



#83
tert-Butylbenzene
Concen: 0.345 ug/l
RT: 13.21 min Scan# 3557
Delta R.T. 0.24 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

Tgt Ion: 119 Resp: 1860
Ion Ratio Lower Upper
119 100
91 35.9 31.7 95.1
134 14.9 13.1 39.1

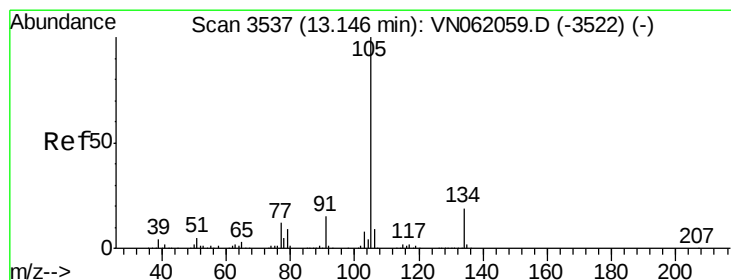
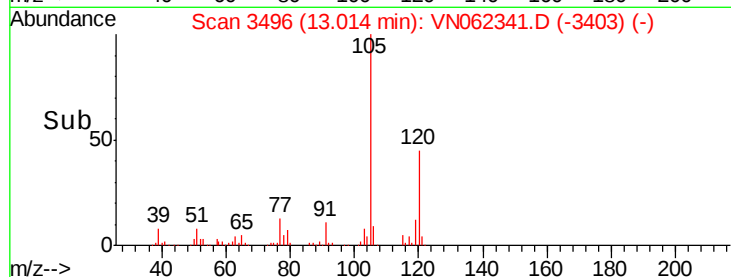
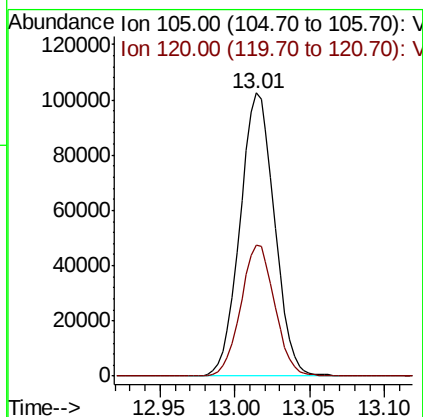
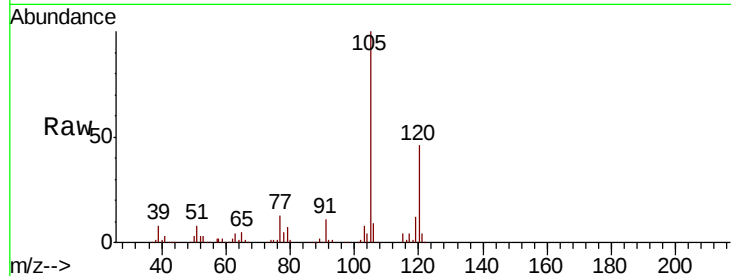




#84
 1,2,4-Trimethylbenzene
 Concen: 26.161 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

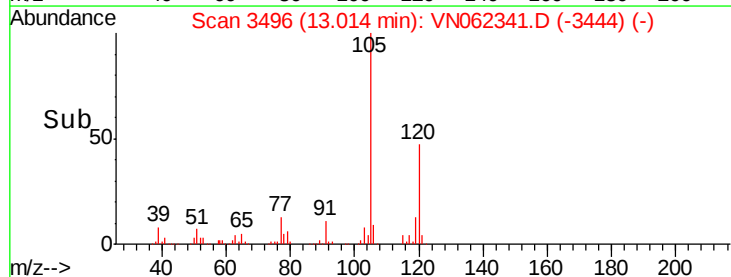
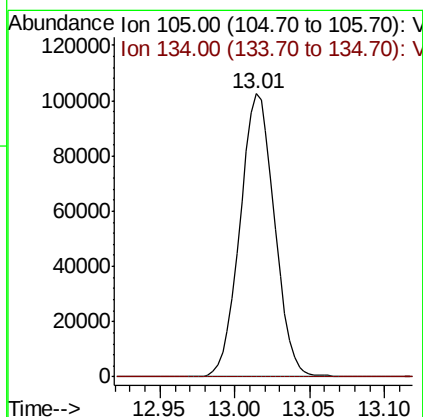
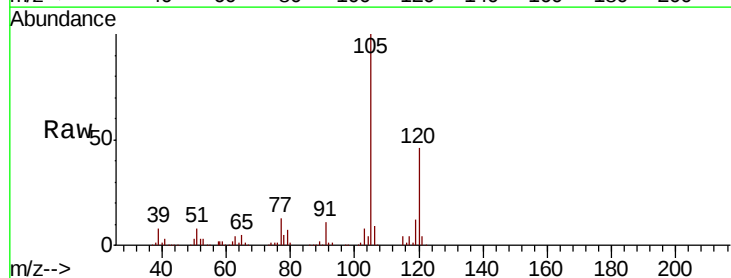
Instrument :
 MSVOA_N
 ClientSampleId :

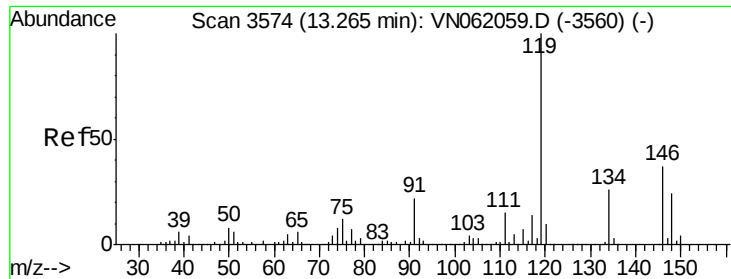
Tot Ion:105 Resp: 164612
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 23.105 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.13 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

Tgt Ion:105 Resp: 164612
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

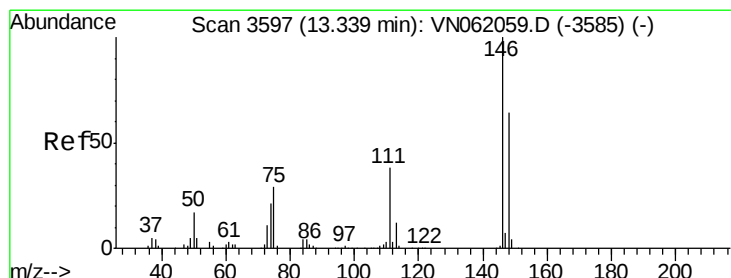
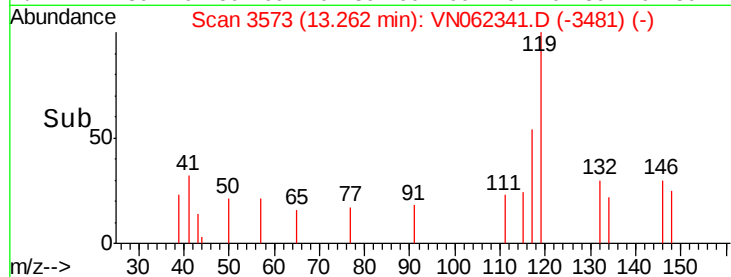
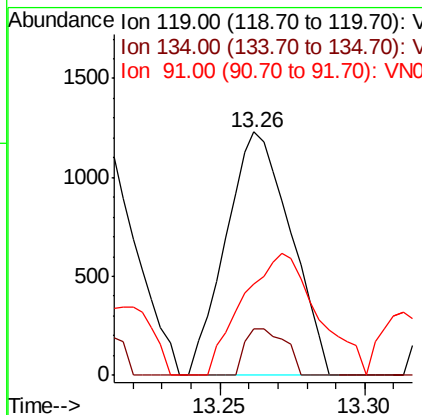
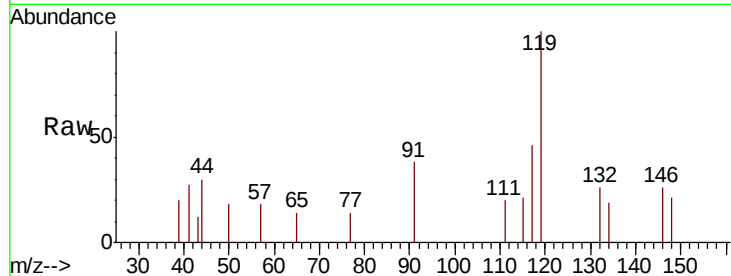




#86
 p-Isopropyltoluene
 Concen: 0.305 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

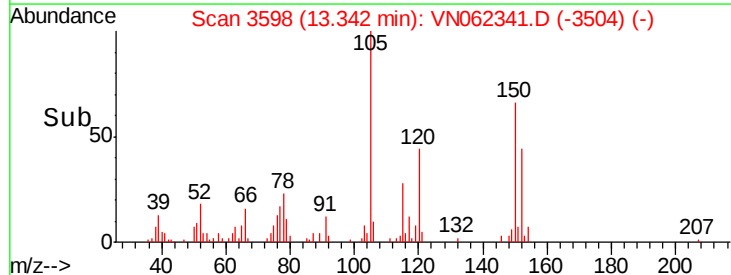
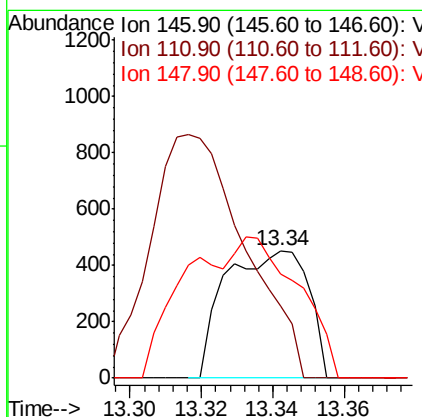
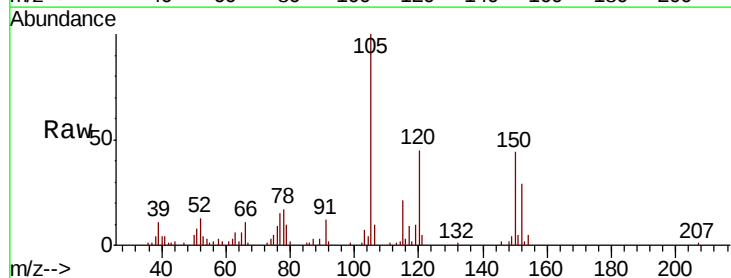
Instrument :
 MSVOA_N
 ClientSampleId :

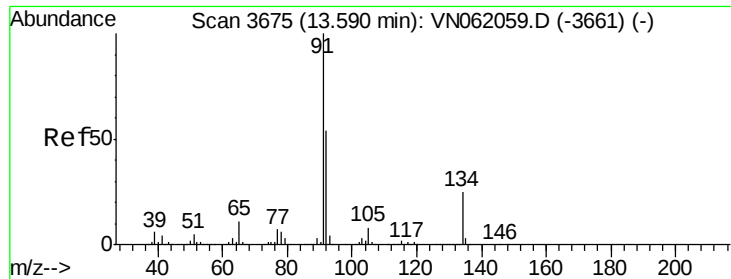
Tot Ion:119 Resp: 1905
 Ion Ratio Lower Upper
 119 100
 134 12.0 13.0 39.0#
 91 58.1 11.3 33.8#



#88
 1,4-Dichlorobenzene
 Concen: 0.207 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

Tgt Ion:146 Resp: 723
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.9 59.6#
 148 88.4 31.9 95.9

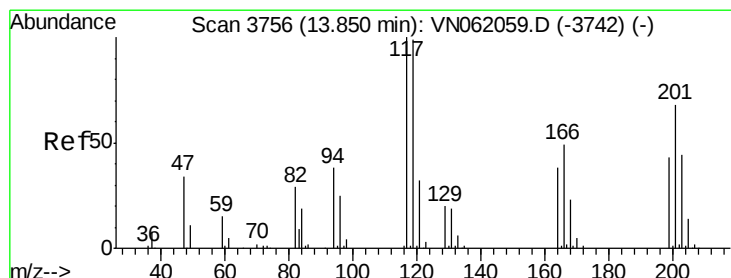
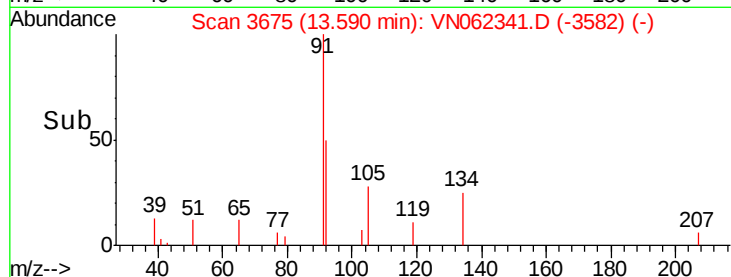
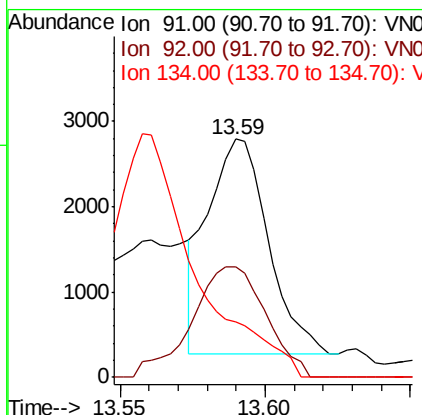
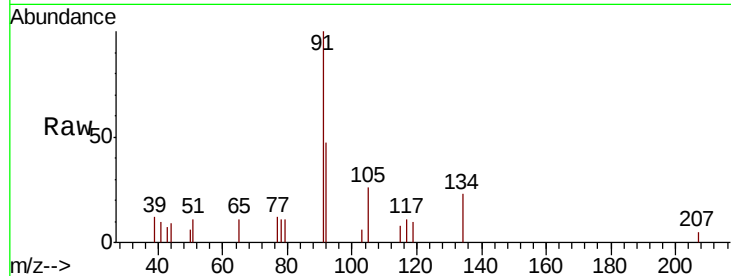




#89
n-Butylbenzene
Concen: 0.706 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

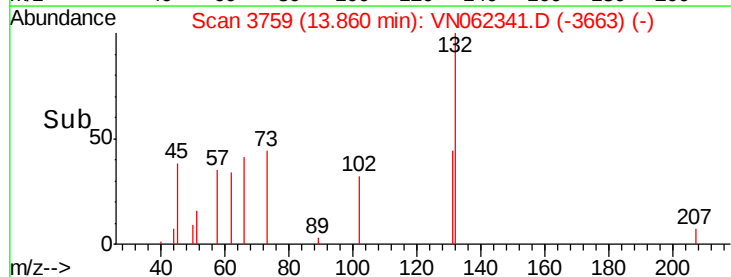
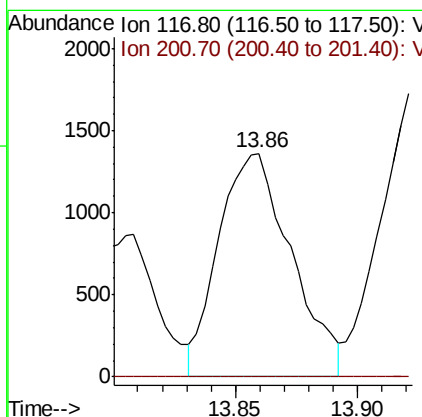
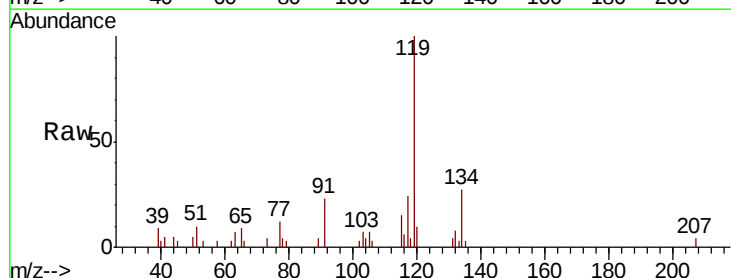
Instrument :
MSVOA_N
ClientSampleId :

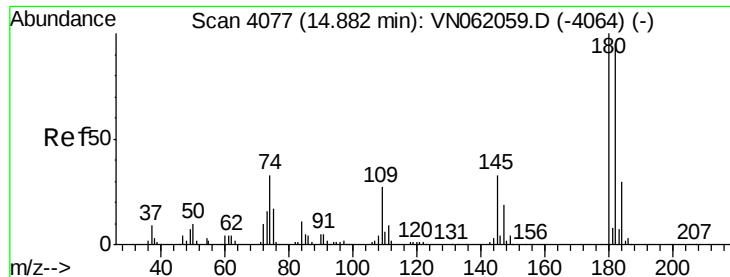
Tot Ion: 91 Resp: 3664
Ion Ratio Lower Upper
91 100
92 62.9 26.6 79.7
134 0.0 12.3 36.9#



#90
Hexachloroethane
Concen: 2.299 ug/l
RT: 13.86 min Scan# 3759
Delta R.T. 0.01 min
Lab File: VN062341.D
Acq: 2 Jul 2020 18:30

Tgt Ion: 117 Resp: 2816
Ion Ratio Lower Upper
117 100
201 0.0 32.7 98.1#

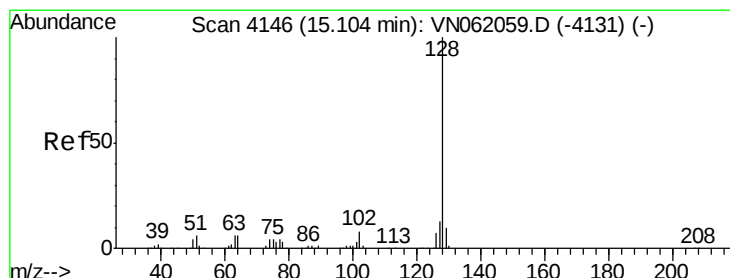
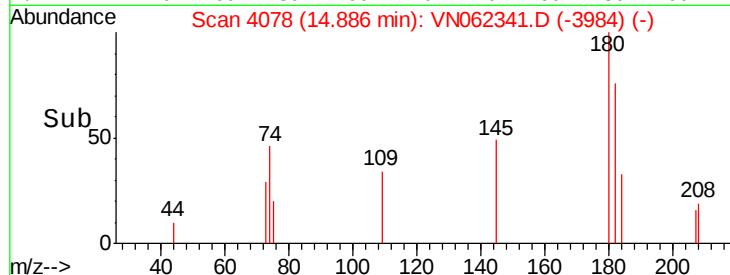
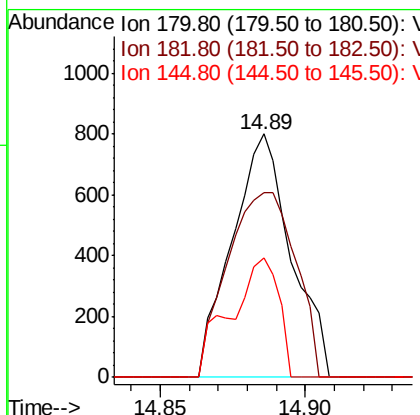
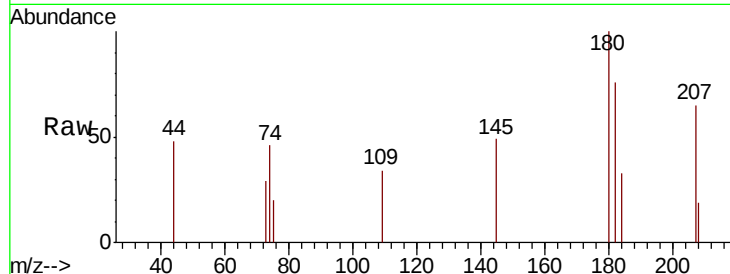




#93
 1,2,4-Trichlorobenzene
 Concen: 0.787 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

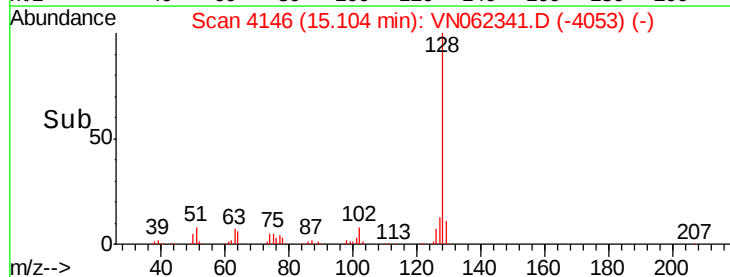
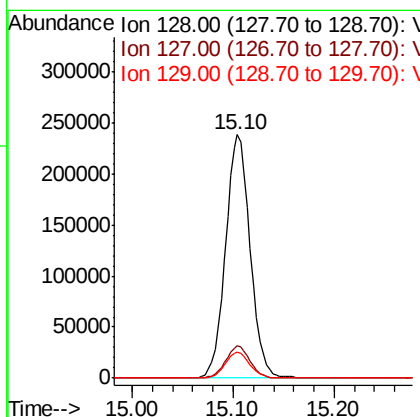
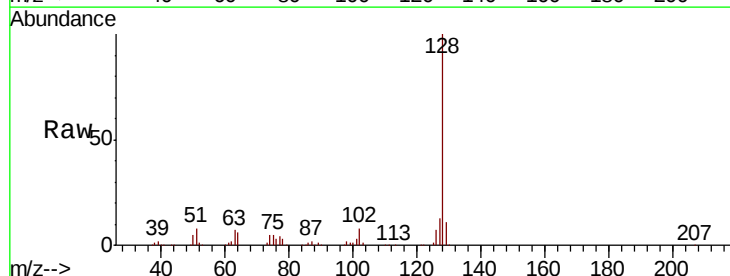
Instrument :
 MSVOA_N
 ClientSampled :

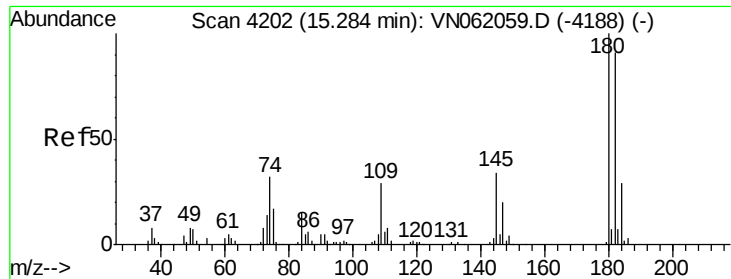
Tot Ion:180 Resp: 1130
 Ion Ratio Lower Upper
 180 100
 182 87.8 48.0 144.2
 145 40.4 16.0 48.0



#95
 Naphthalene
 Concen: 81.985 ug/l
 RT: 15.10 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

Tgt Ion:128 Resp: 405634
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.5 15.7
 129 10.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.817 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. 0.00 min
 Lab File: VN062341.D
 Acq: 2 Jul 2020 18:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.8	140.4
145	39.4	16.4	49.2

