

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061493.D
 Acq On : 19 May 2020 19:04
 Operator : JC/MD
 Sample : L2645-02DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 20 03:00:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	516390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	503818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225119	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	197061	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
35) Dibromofluoromethane	7.55	113	148490	54.89	ug/l	0.00
Spiked Amount			Recovery	=	109.78%	
50) Toluene-d8	10.06	98	640815	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.38	95	251715	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	152	Below Cal	#	30
11) Tert butyl alcohol	4.73	59	9191	19.035	ug/l #	73
13) Acrolein	3.54	56	69	Below Cal	#	16
15) Acrylonitrile	5.00	53	2679	1.873	ug/l #	39
16) Acetone	3.75	43	3550	Below Cal	#	62
17) Carbon Disulfide	4.00	76	1391	Below Cal	#	75
18) Methyl Acetate	4.48	43	22209	6.803	ug/l #	49
19) Methyl tert-butyl Ether	4.99	73	34603	3.168	ug/l #	1
20) Methylene Chloride	4.50	84	909	0.264	ug/l #	67
25) 2-Butanone	6.78	43	2516	1.319	ug/l #	85
27) cis-1,2-Dichloroethene	6.77	96	787	0.201	ug/l	74
28) Bromochloromethane	7.33	49	6547	2.512	ug/l #	13
29) Tetrahydrofuran	7.18	42	259	0.205	ug/l #	29
30) Chloroform	7.33	83	83487	13.020	ug/l	96
31) Cyclohexane	7.61	56	33539	3.434	ug/l #	86
36) 1,1-Dichloropropene	7.63	75	23735	4.916	ug/l #	49
38) Carbon Tetrachloride	7.62	117	29684	6.676	ug/l #	16
39) Methylcyclohexane	9.05	83	26131	4.431	ug/l	97
40) Benzene	8.00	78	62285	4.280	ug/l	100
43) Isopropyl Acetate	8.10	43	2595	0.340	ug/l #	52
51) 4-Methyl-2-Pentanone	9.96	43	2504	0.602	ug/l #	86
52) Toluene	10.12	92	36183	3.873	ug/l	99
59) 2-Hexanone	10.73	43	947	0.315	ug/l	97
67) Ethyl Benzene	11.48	91	1229489	65.558	ug/l	100
68) m/p-Xylenes	11.60	106	388106	54.520	ug/l	99
69) o-Xylene	11.92	106	16835	2.444	ug/l	95
71) Bromoform	12.09	173	99	2.053	ug/l #	29
73) Isopropylbenzene	12.22	105	81948	4.534	ug/l	99
76) 1,2,3-Trichloropropane	12.38	75	129232	26.753	ug/l #	100
78) n-propylbenzene	12.57	91	253674	12.319	ug/l	99
79) 2-Chlorotoluene	12.66	91	32212	2.647	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	135921	9.185	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	129232	70.971	ug/l #	12
82) 4-Chlorotoluene	12.71	91	15957	1.266	ug/l #	43

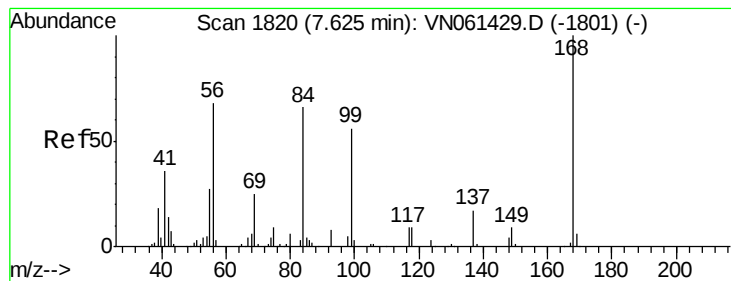
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.01	119	102749	8.106	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.01	105	864030	58.344	ug/l	99
85) sec-Butylbenzene	13.01	105	864030	50.411	ug/l #	57
86) p-Isopropyltoluene	13.26	119	6229	0.409	ug/l #	69
88) 1,4-Dichlorobenzene	13.33	146	1844	0.257	ug/l #	1
89) n-Butylbenzene	13.59	91	9639	0.697	ug/l #	67
90) Hexachloroethane	13.86	117	10189	4.940	ug/l #	17
95) Naphthalene	15.10	128	188019	15.841	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

Instrument :

MSVOA_N

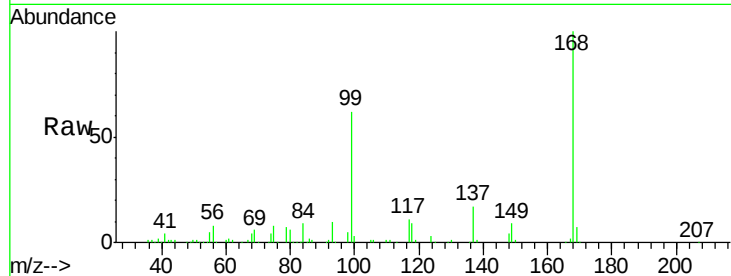
ClientSampled :

Tot Ion:168 Resp: 280783

Ion Ratio Lower Upper

168 100

99 61.8 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

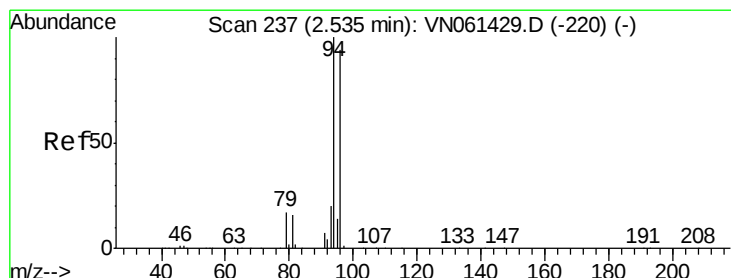
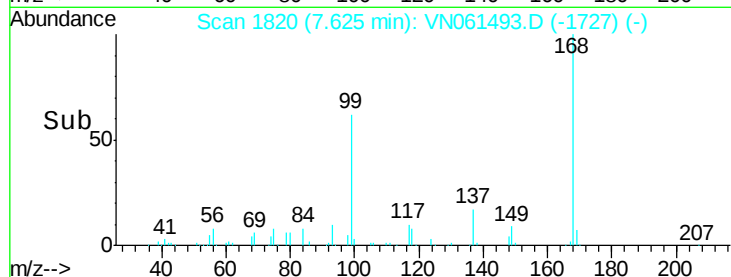
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 245

Delta R.T. 0.03 min

Lab File: VN061493.D

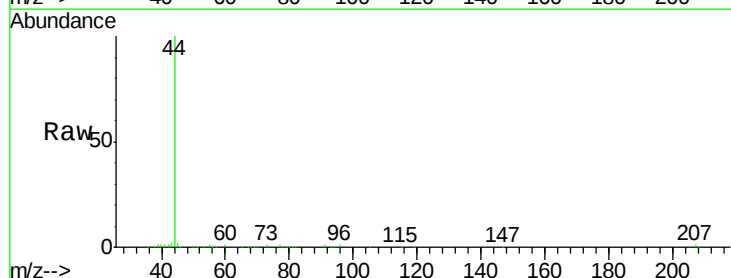
Acq: 19 May 2020 19:04

Tgt Ion: 94 Resp: 152

Ion Ratio Lower Upper

94 100

96 26.4 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

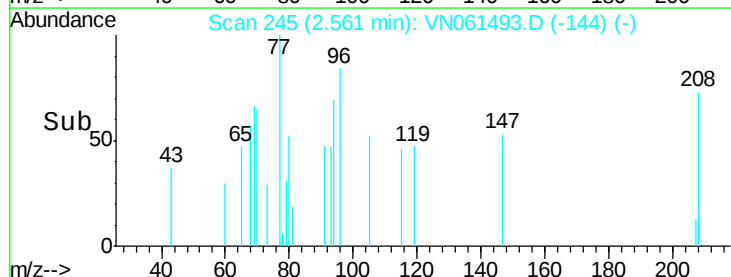
300

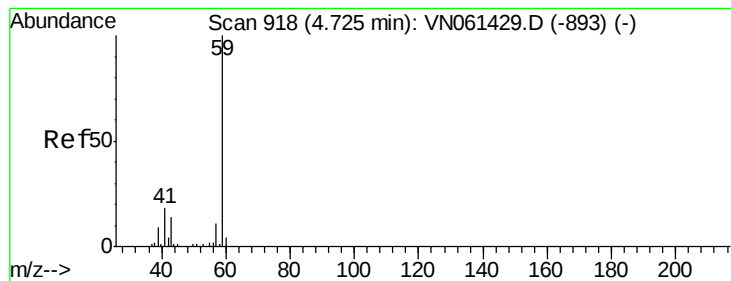
200

100

0

Time--> 2.55 2.56 2.57 2.58



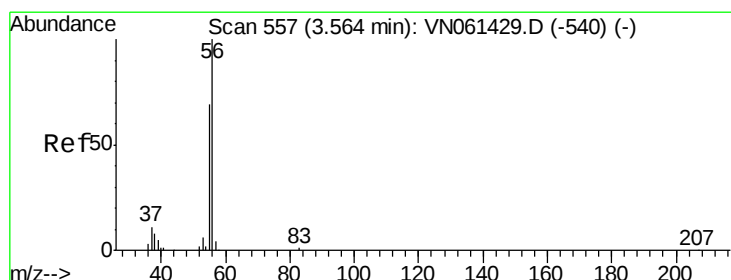
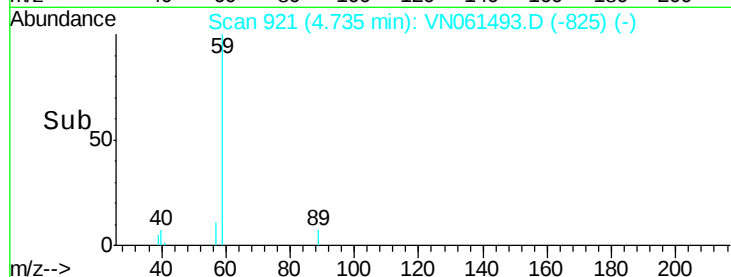
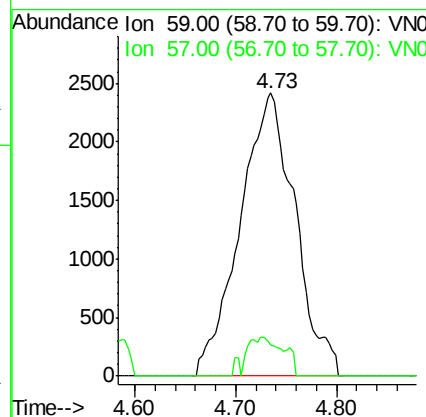
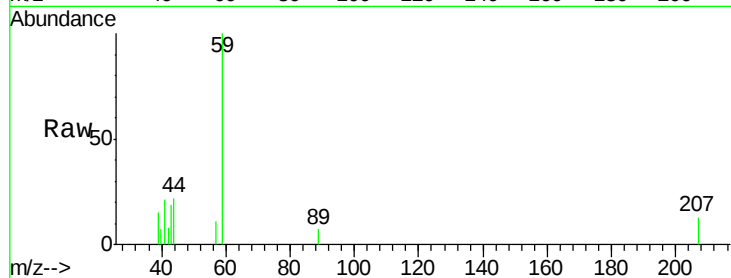


#11

Tert butyl alcohol
 Concen: 19.035 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

Instrument :
 MSVOA_N
 ClientSampled :

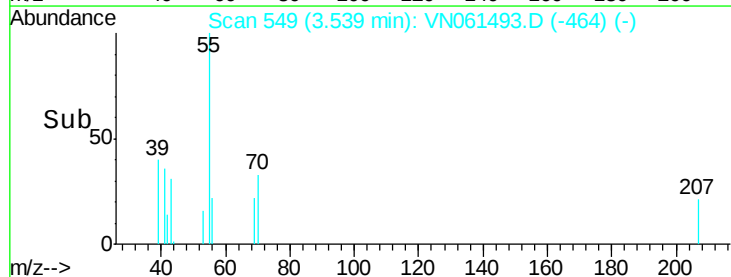
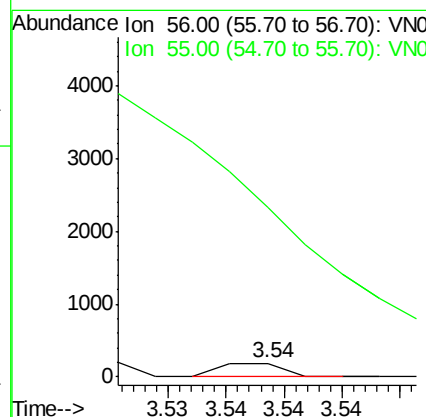
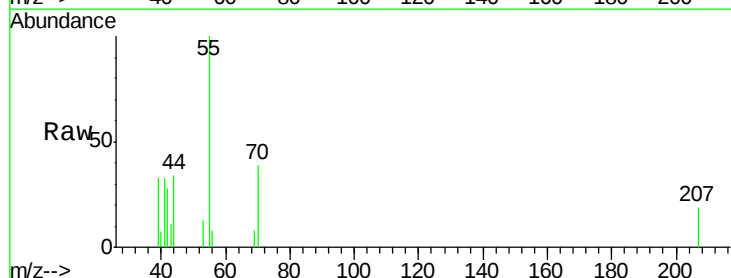
Tot Ion: 59 Resp: 9191
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

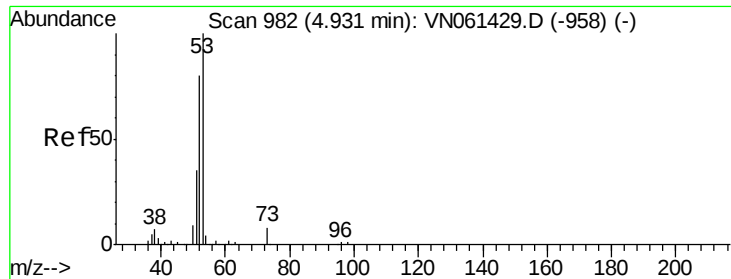


#13

Acrolein
 Concen: Below Cal
 RT: 3.54 min Scan# 549
 Delta R.T. -0.03 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

Tgt Ion: 56 Resp: 69
 Ion Ratio Lower Upper
 56 100
 55 0.0 54.8 82.2#





#15

Acrylonitrile

Concen: 1.873 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.06 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

Instrument :

MSVOA_N

ClientSampled :

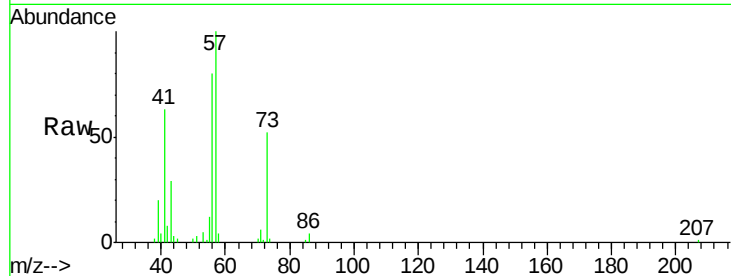
Tot Ion: 53 Resp: 2679

Ion Ratio Lower Upper

53 100

52 2.3 64.7 97.1#

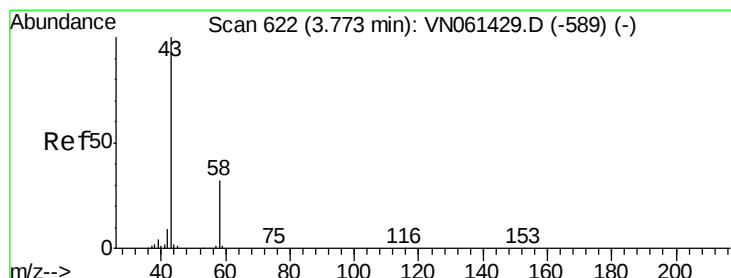
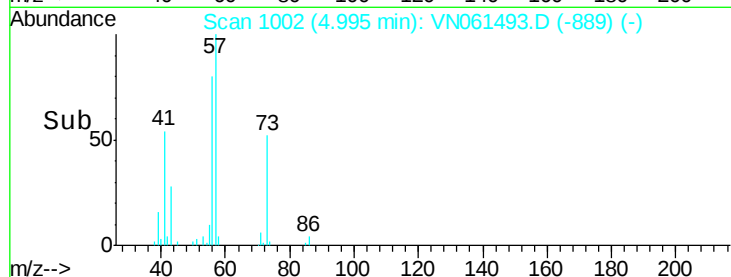
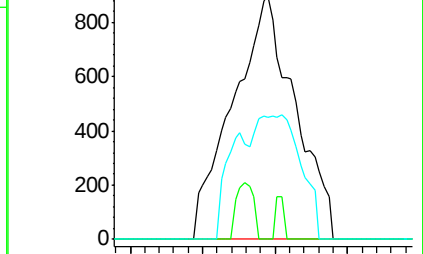
51 37.2 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN061429.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN061429.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN061429.D (-958) (-)



#16

Acetone

Concen: Below Cal

RT: 3.75 min Scan# 616

Delta R.T. -0.02 min

Lab File: VN061493.D

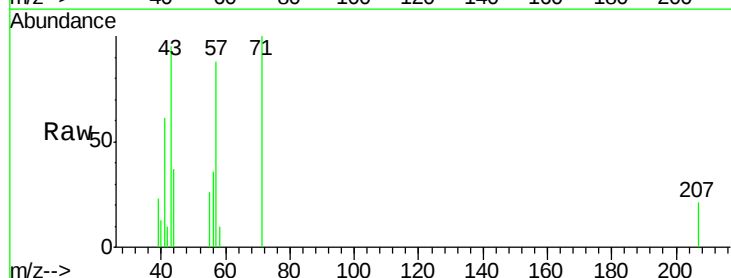
Acq: 19 May 2020 19:04

Tgt Ion: 43 Resp: 3550

Ion Ratio Lower Upper

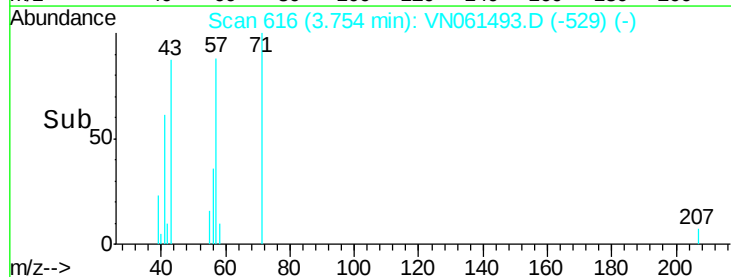
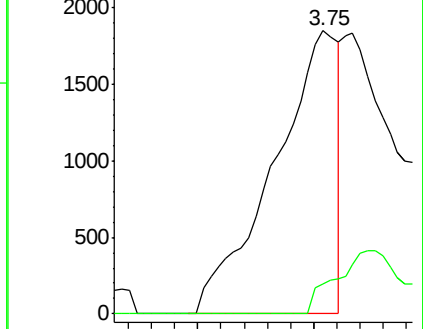
43 100

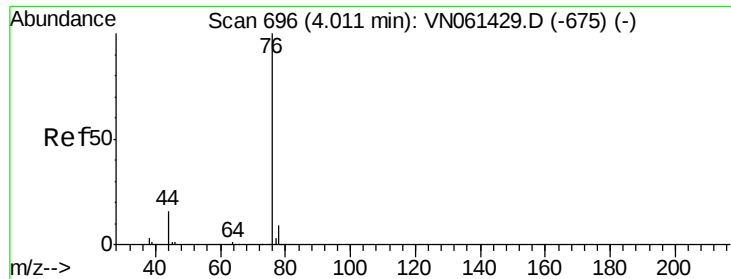
58 10.7 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-589) (-)

Ion 58.00 (57.70 to 58.70): VN061429.D (-589) (-)

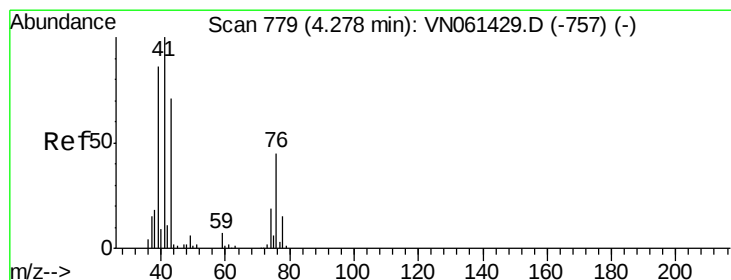
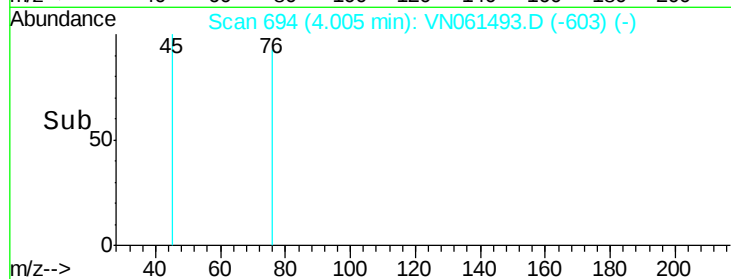
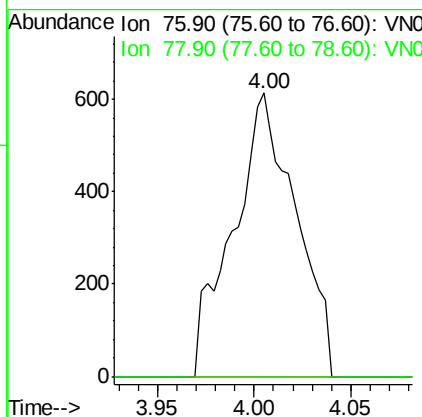
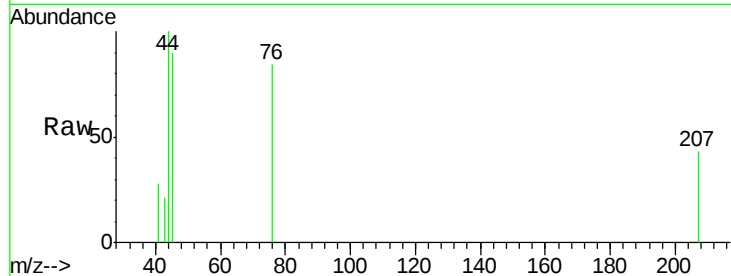




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.00 min Scan# 694
Delta R.T. -0.01 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

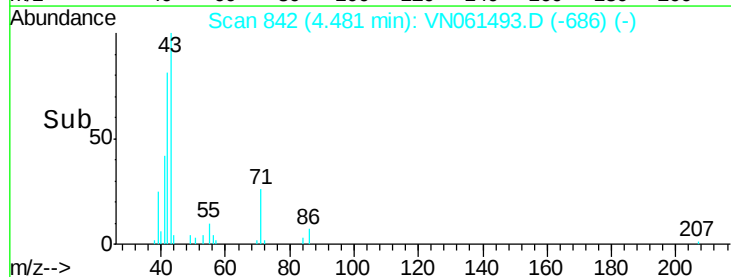
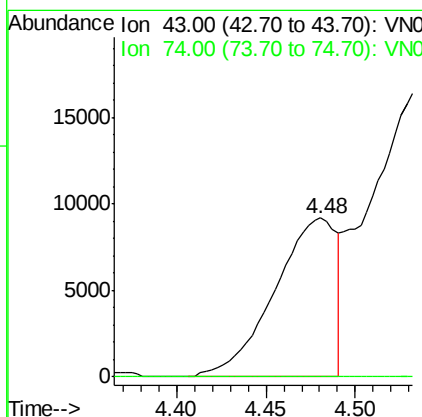
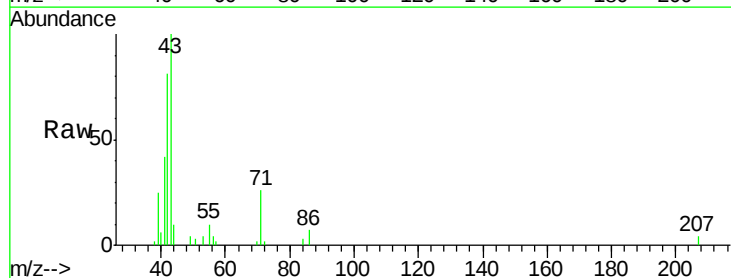
Instrument :
MSVOA_N
ClientSampled :

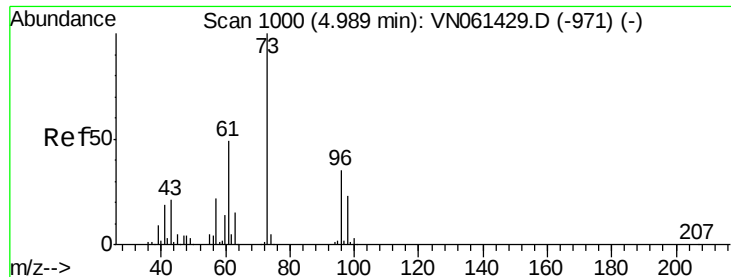
Tot Ion: 76 Resp: 1391
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 6.803 ug/l
RT: 4.48 min Scan# 842
Delta R.T. 0.20 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

Tgt Ion: 43 Resp: 22209
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#

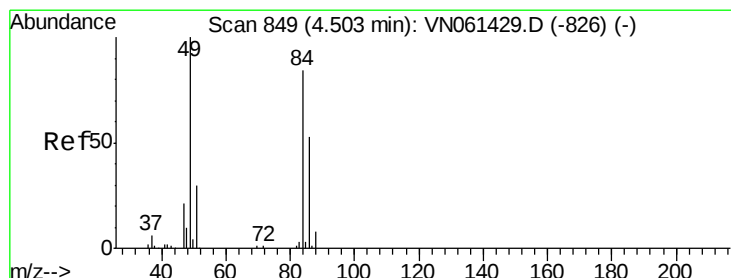
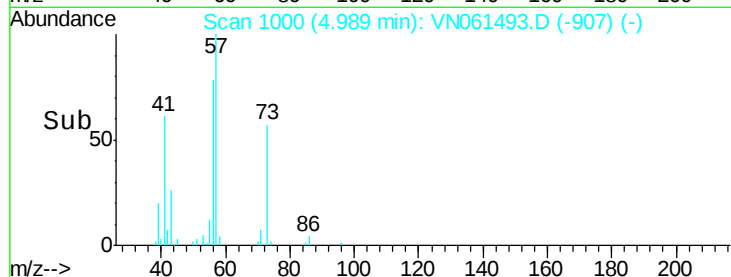
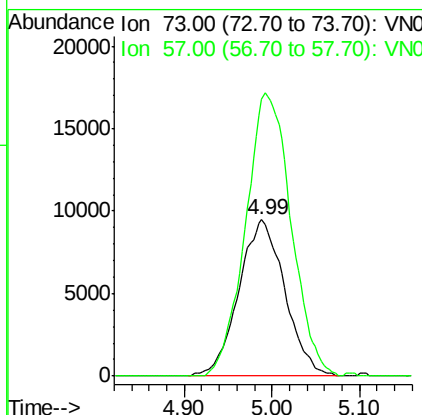
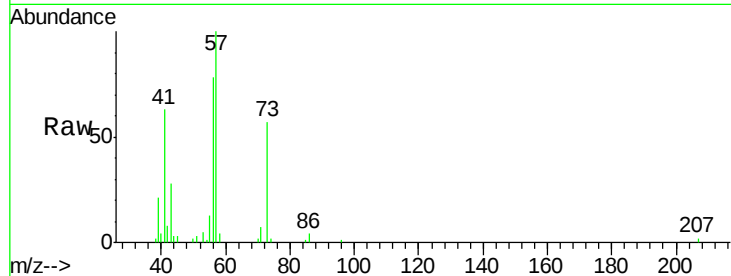




#19
Methvl tert-butvl Ether
Concen: 3.168 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

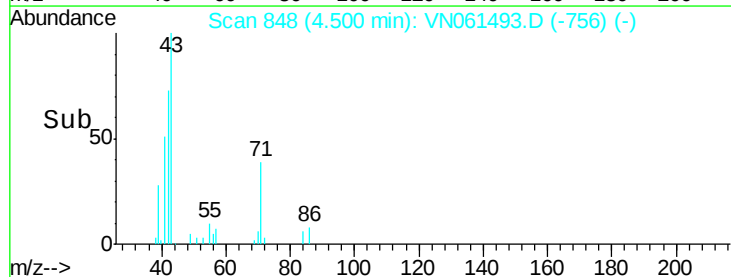
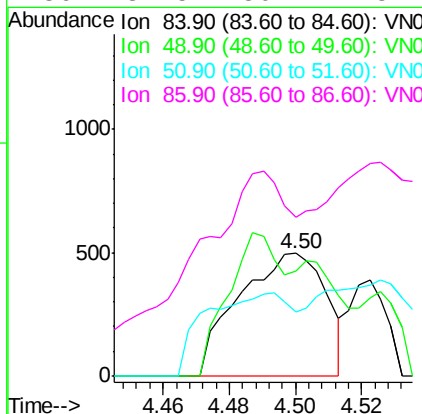
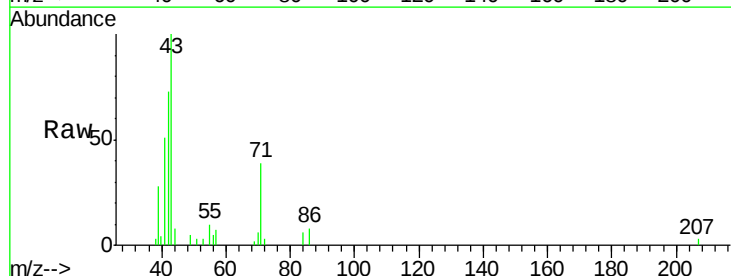
Instrument :
MSVOA_N
ClientSampleId :

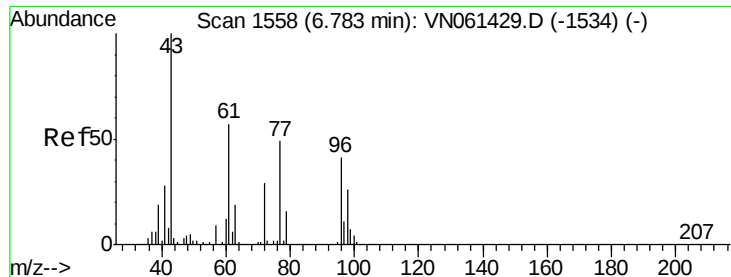
Tot Ion: 73 Resp: 34603
Ion Ratio Lower Upper
73 100
57 176.7 17.4 26.0#



#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

Tgt Ion: 84 Resp: 909
Ion Ratio Lower Upper
84 100
49 85.7 95.3 142.9#
51 15.5 29.0 43.6#
86 34.5 50.2 75.2#

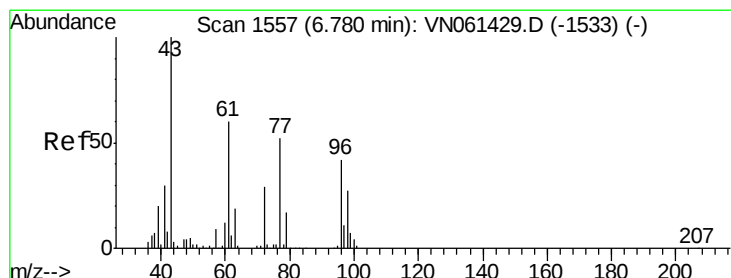
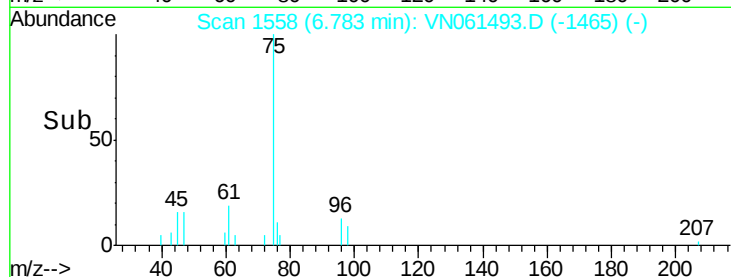
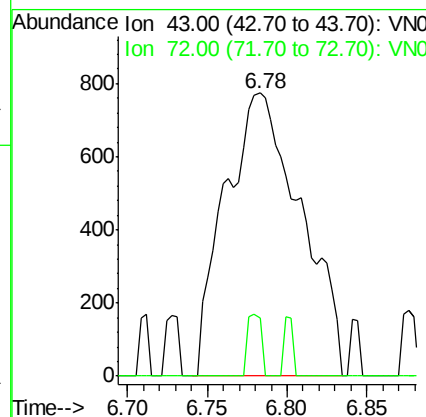
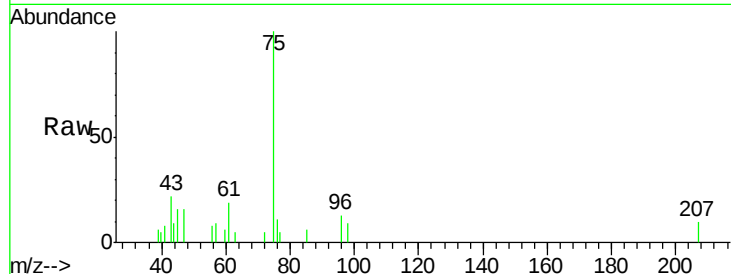




#25
 2-Butanone
 Concen: 1.319 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

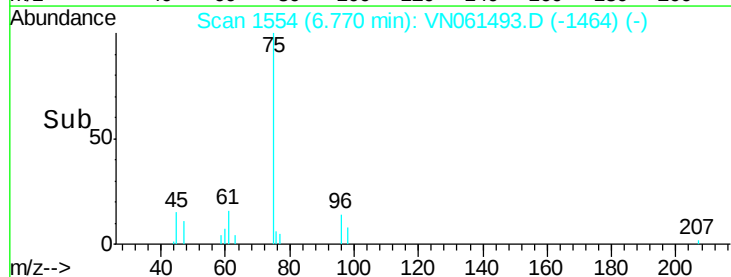
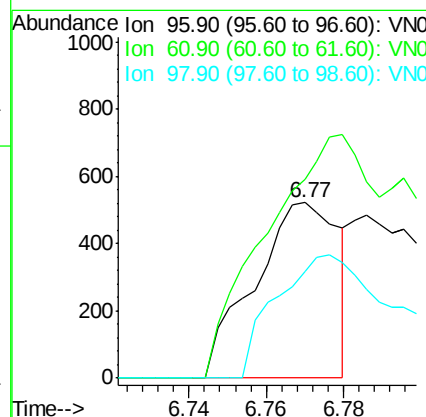
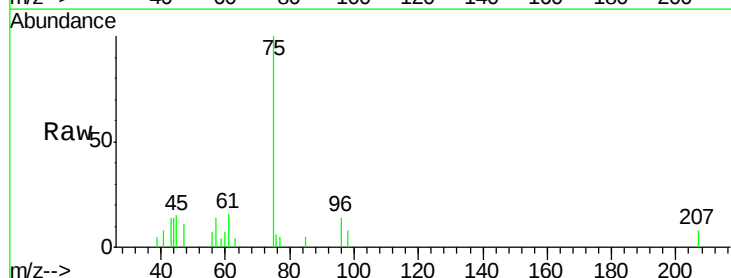
Instrument :
 MSVOA_N
 ClientSampled :

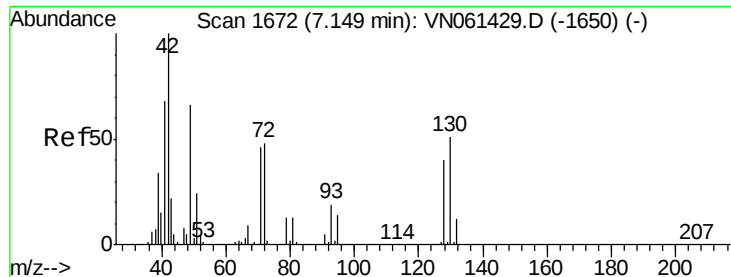
Tot Ion: 43 Resp: 2516
 Ion Ratio Lower Upper
 43 100
 72 20.7 23.0 34.6#



#27
 cis-1,2-Dichloroethene
 Concen: 0.201 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

Tgt Ion: 96 Resp: 787
 Ion Ratio Lower Upper
 96 100
 61 173.6 0.0 294.2
 98 94.5 0.0 128.2

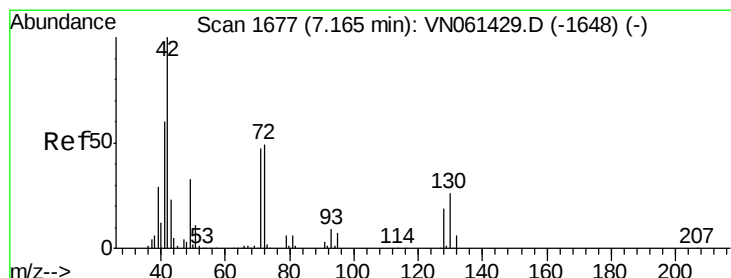
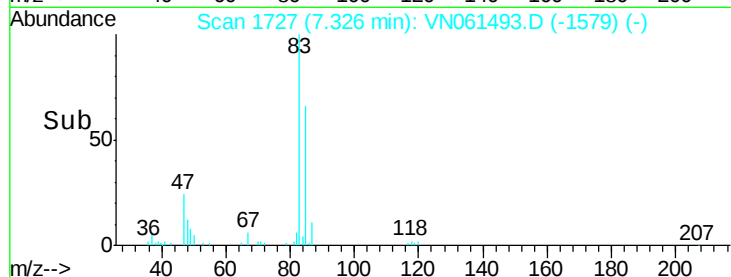
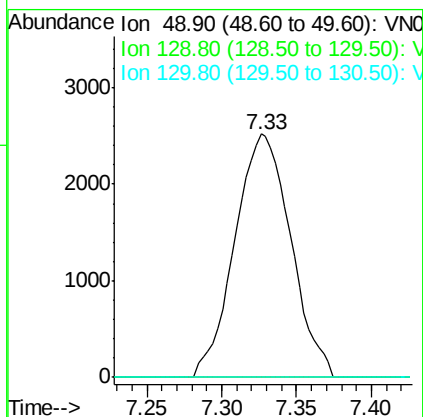
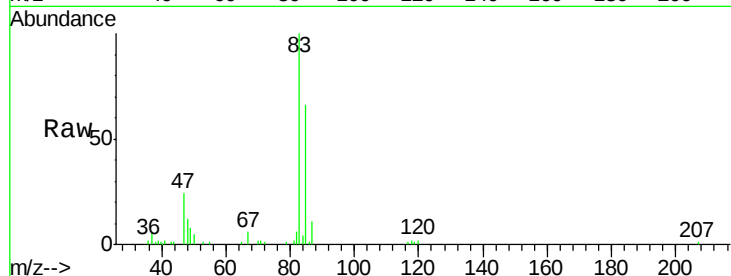




#28
Bromochloromethane
Concen: 2.512 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.18 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

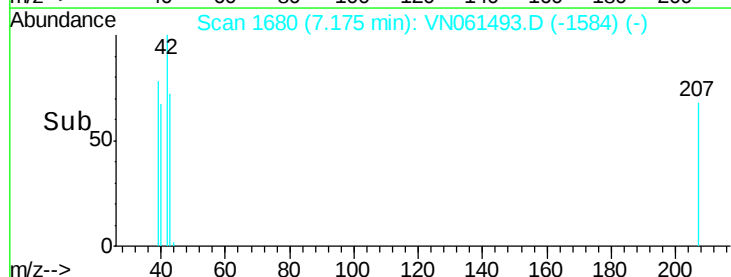
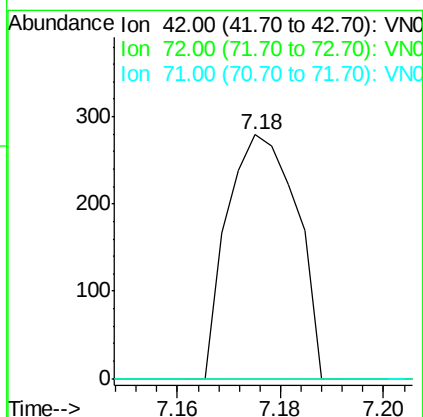
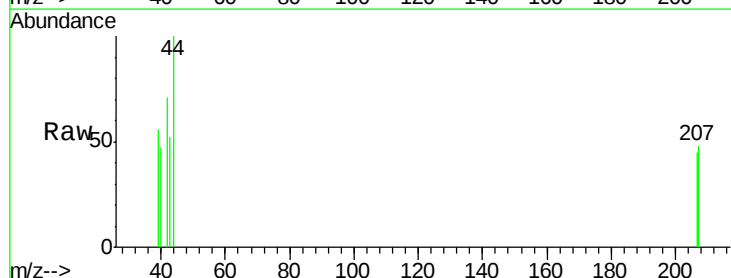
Instrument :
MSVOA_N
ClientSampleId :

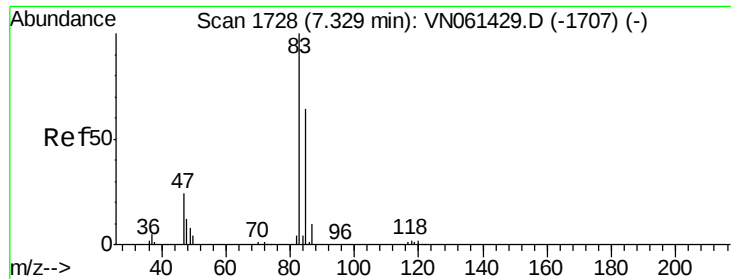
Tot Ion: 49 Resp: 6547
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 62.2 93.2#



#29
Tetrahydrofuran
Concen: 0.205 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

Tgt Ion: 42 Resp: 259
Ion Ratio Lower Upper
42 100
72 0.0 39.0 58.6#
71 0.0 36.9 55.3#

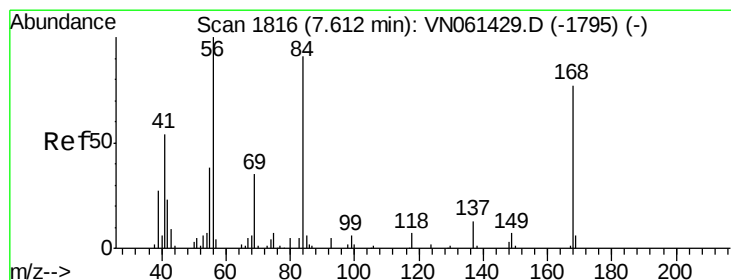
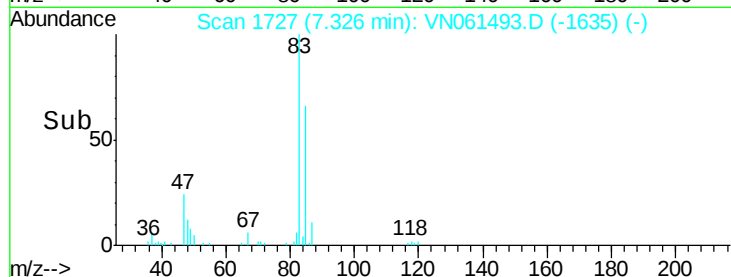
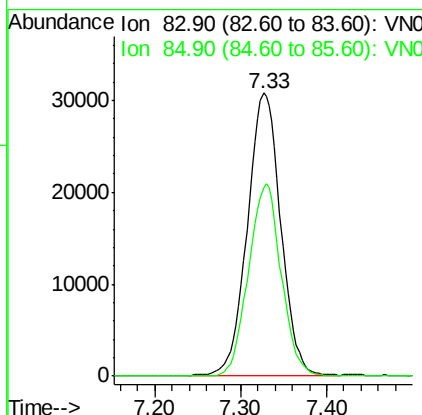
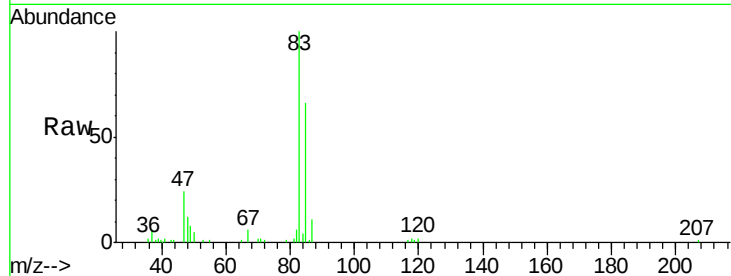




#30
Chloroform
Concen: 13.020 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

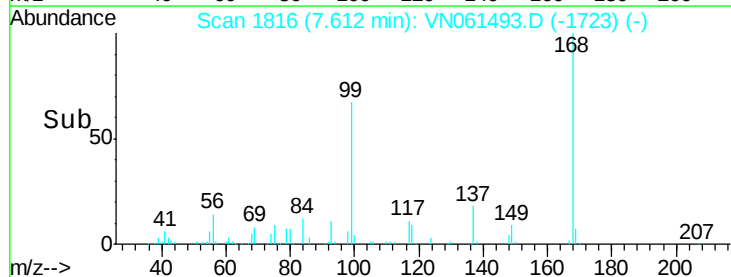
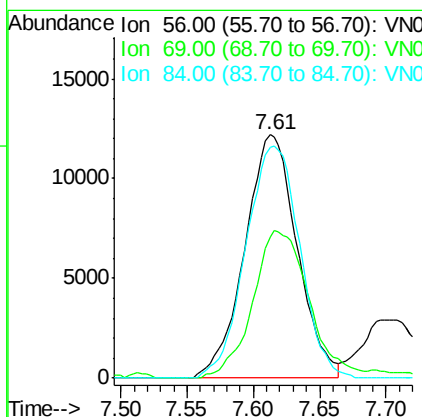
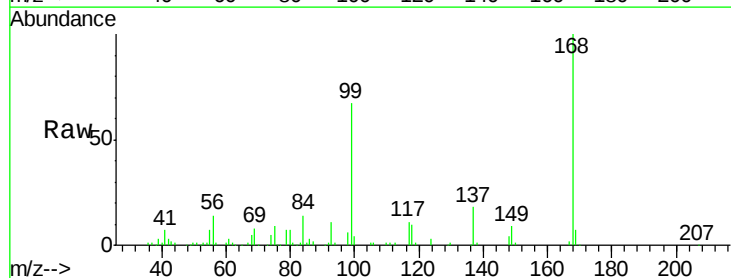
Instrument :
MSVOA_N
ClientSampleId :

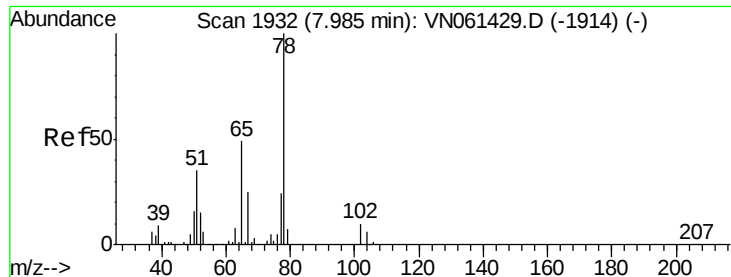
Tot Ion: 83 Resp: 83487
Ion Ratio Lower Upper
83 100
85 66.5 51.0 76.4



#31
Cyclohexane
Concen: 3.434 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

Tgt Ion: 56 Resp: 33539
Ion Ratio Lower Upper
56 100
69 58.2 27.8 41.6#
84 94.6 72.7 109.1

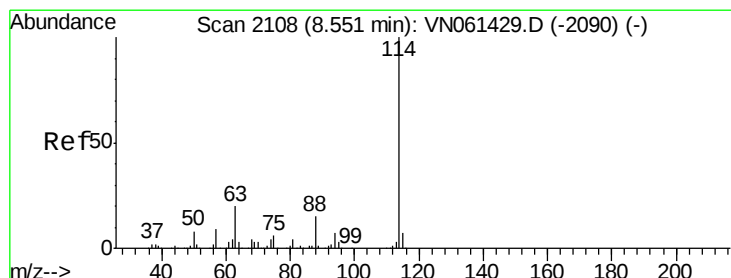
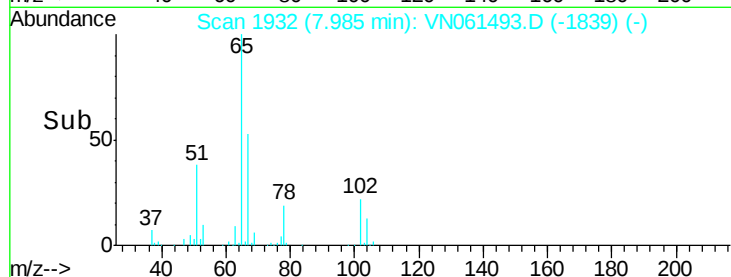
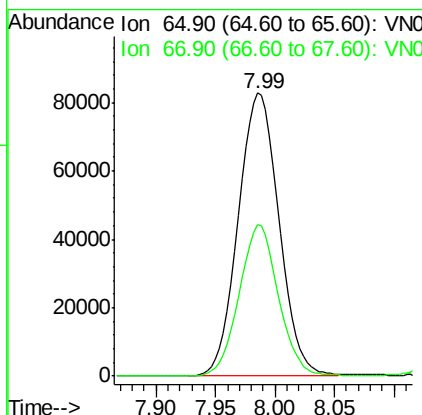
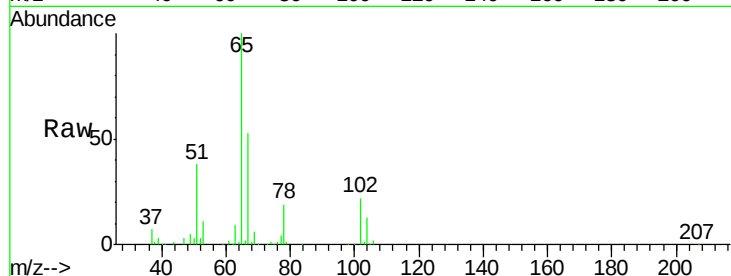




#33
 1,2-Dichloroethane-d4
 Concen: 47.025 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

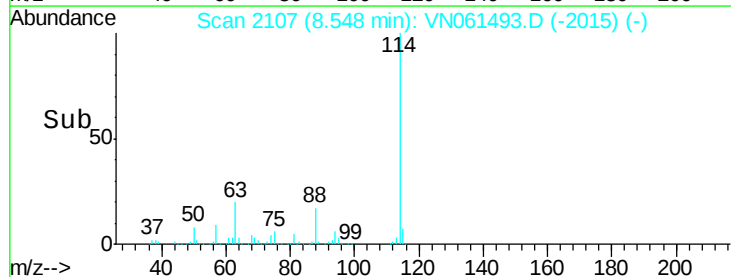
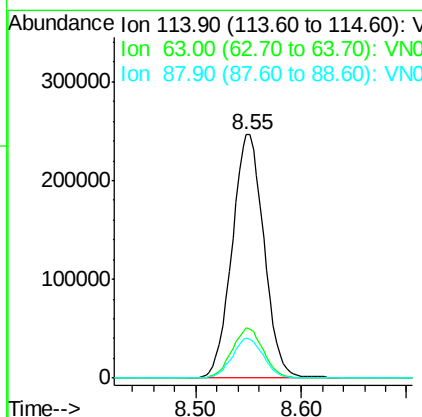
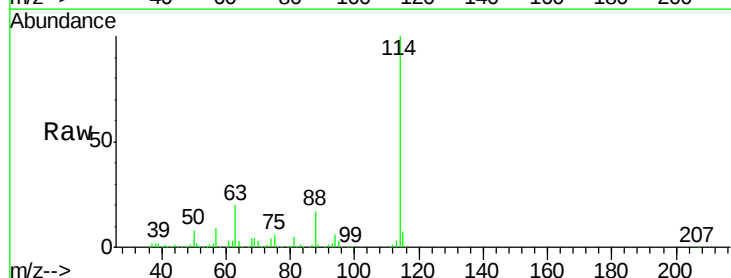
Instrument :
 MSVOA_N
 ClientSampled :

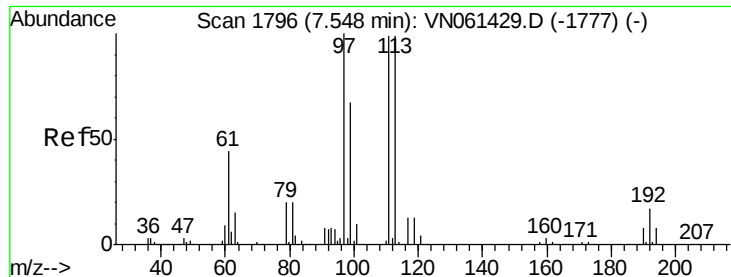
Tot Ion: 65 Resp: 197061
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

Tgt Ion: 114 Resp: 516390
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 16.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 54.890 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

Instrument :
MSVOA_N
ClientSampled :

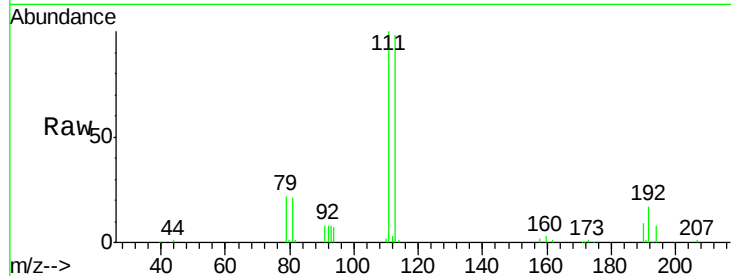
Tot Ion:113 Resp: 148490

Ion Ratio Lower Upper

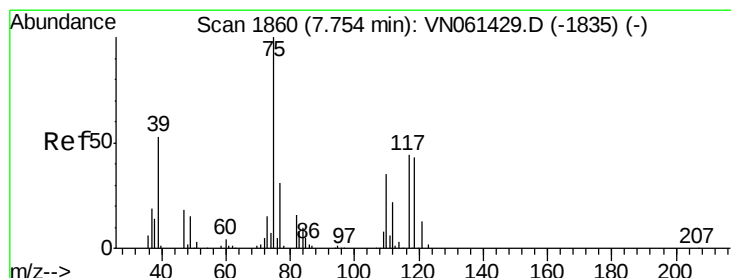
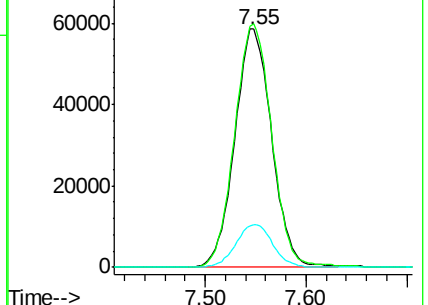
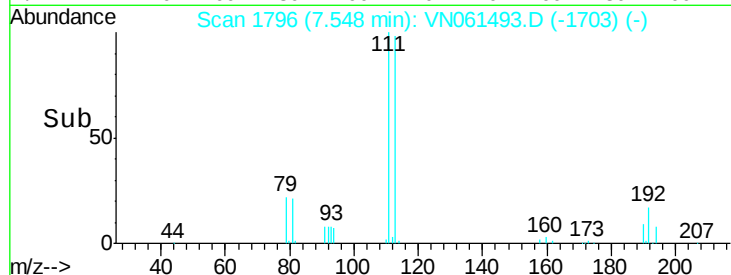
113 100

111 102.2 80.6 121.0

192 17.9 13.2 19.8



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: 4.916 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

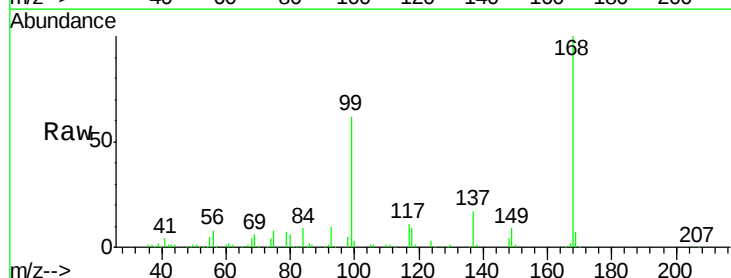
Tgt Ion: 75 Resp: 23735

Ion Ratio Lower Upper

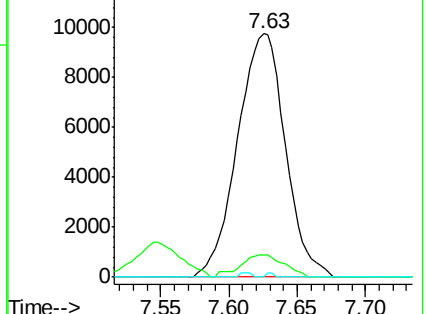
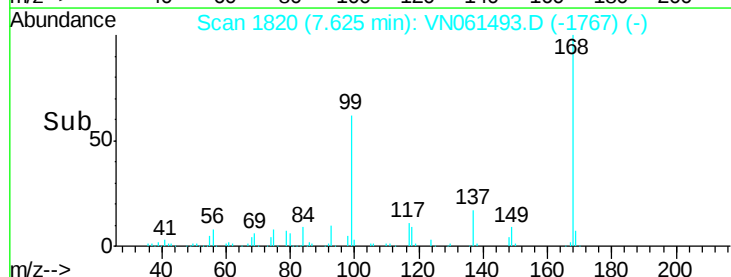
75 100

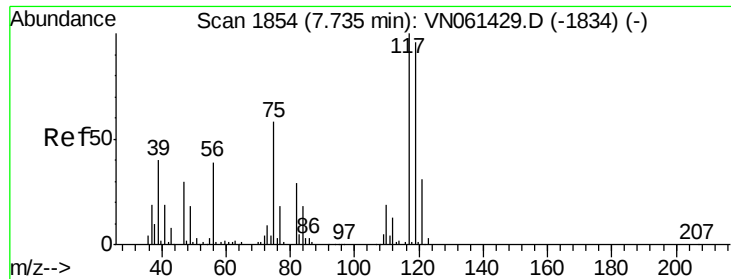
110 8.3 17.3 51.9#

77 0.0 24.9 37.3#



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





#38

Carbon Tetrachloride

Concen: 6.676 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

Instrument :

MSVOA_N

ClientSampled :

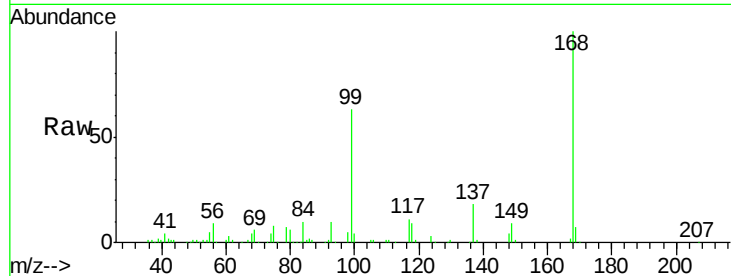
Tot Ion:117 Resp: 29684

Ion Ratio Lower Upper

117 100

119 4.9 77.0 115.6#

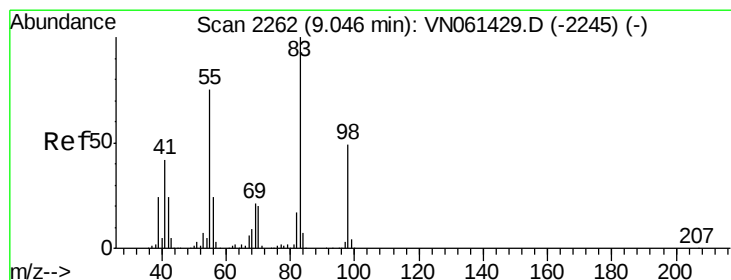
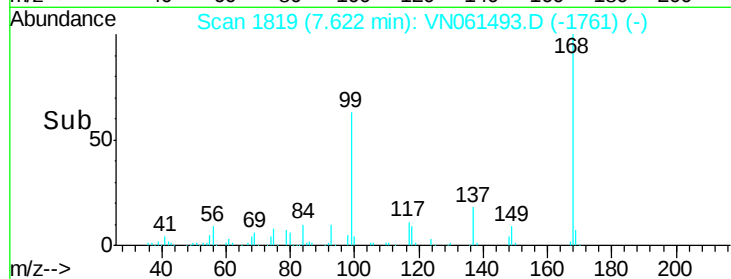
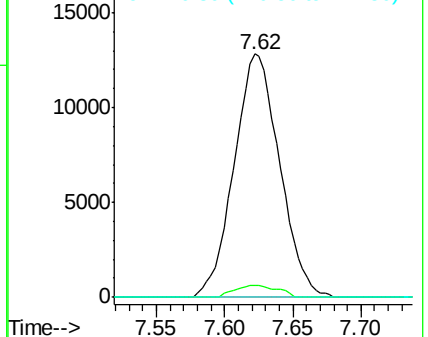
121 0.0 24.7 37.1#



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



#39

Methylcyclohexane

Concen: 4.431 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

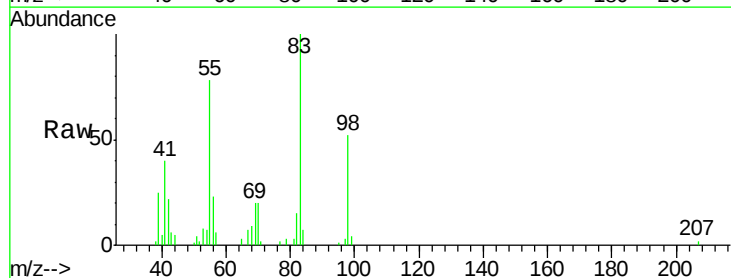
Tgt Ion: 83 Resp: 26131

Ion Ratio Lower Upper

83 100

55 76.0 59.7 89.5

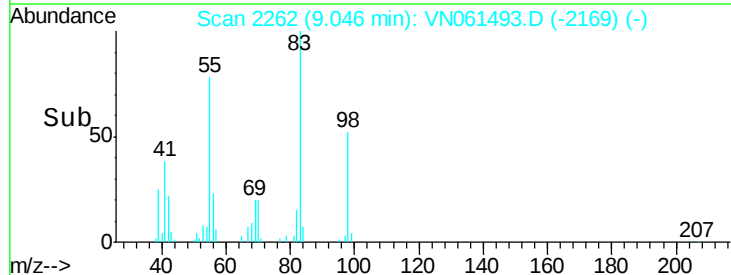
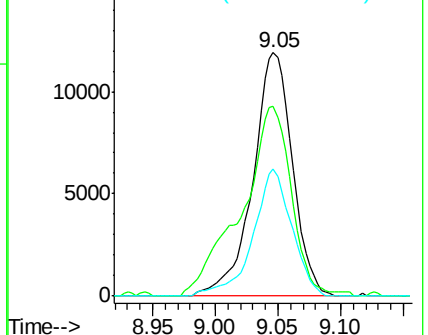
98 52.2 38.9 58.3

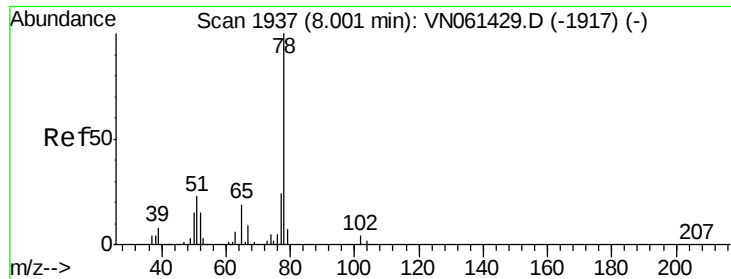


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 4.280 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

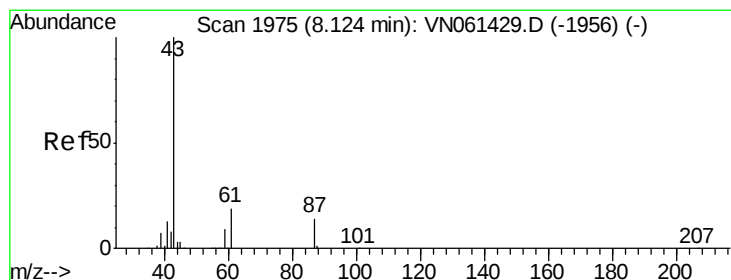
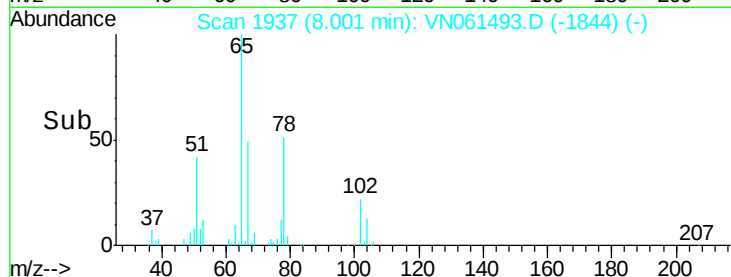
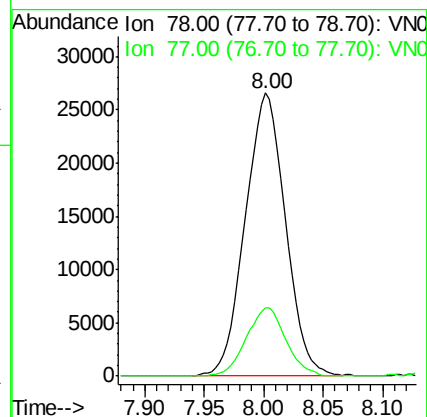
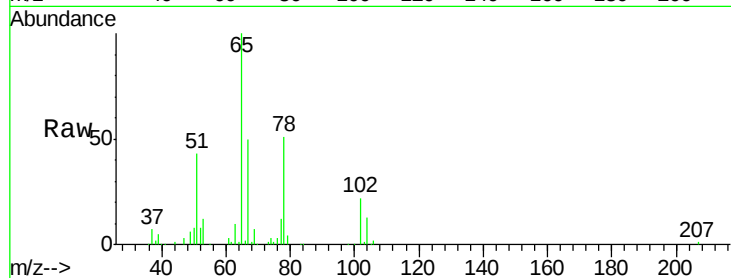
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 78 Resp: 62285

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7



#43

Isopropyl Acetate

Concen: 0.340 ug/l

RT: 8.10 min Scan# 1969

Delta R.T. -0.02 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

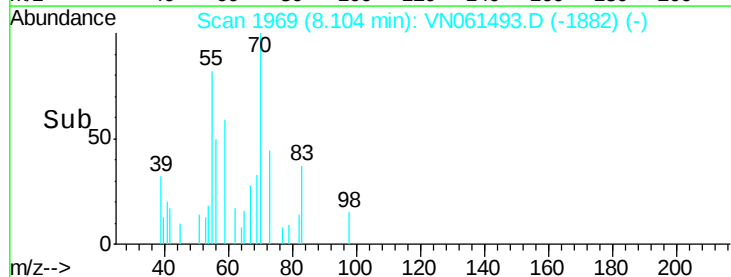
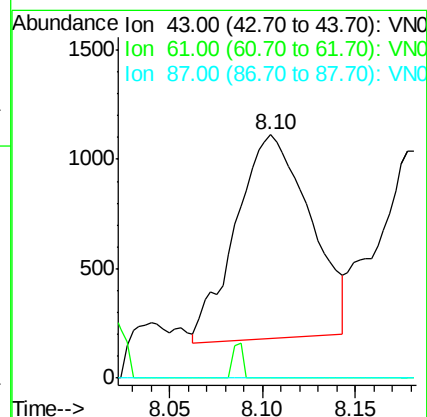
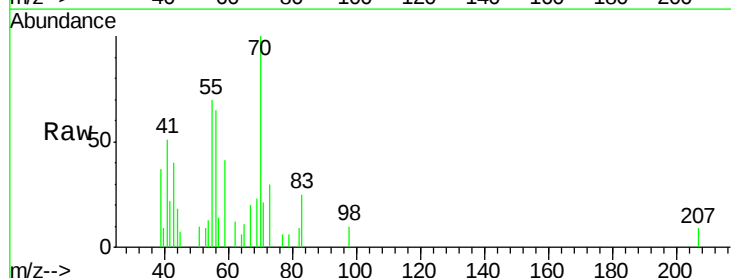
Tgt Ion: 43 Resp: 2595

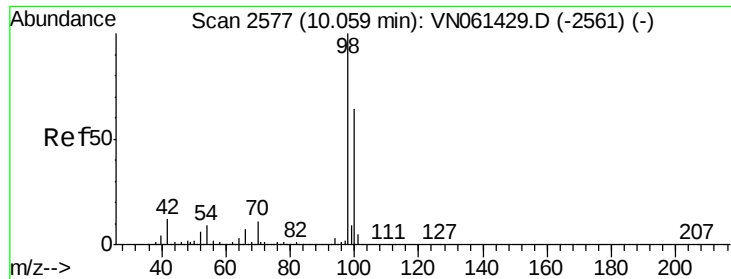
Ion Ratio Lower Upper

43 100

61 0.0 23.0 34.4#

87 0.0 11.6 17.4#





#50

Toluene-d8

Concen: 51.071 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

Instrument :

MSVOA_N

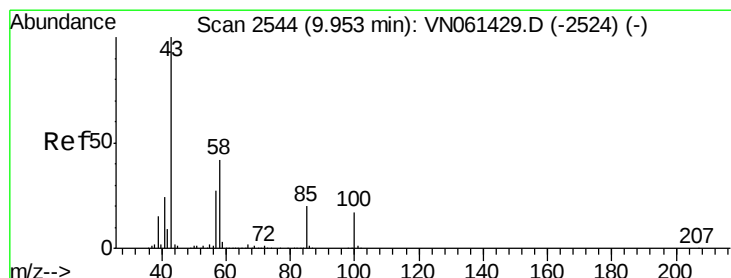
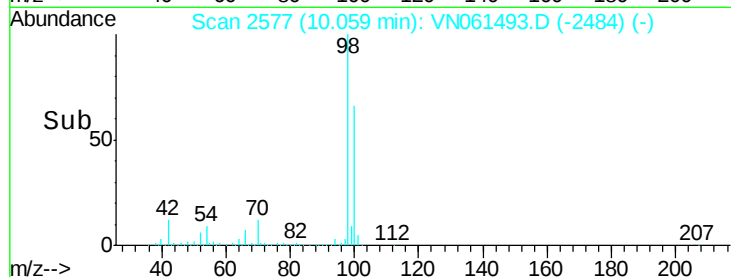
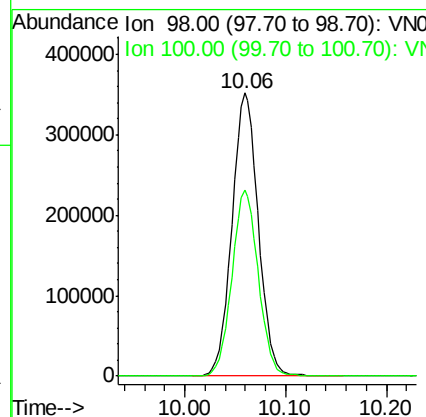
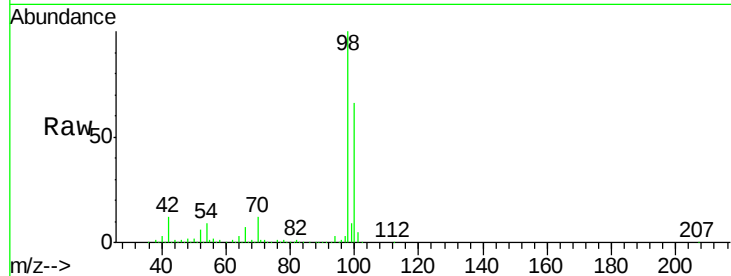
ClientSampled :

Tot Ion: 98 Resp: 640815

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 0.602 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN061493.D

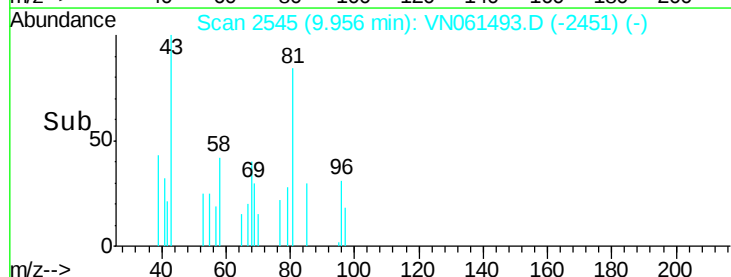
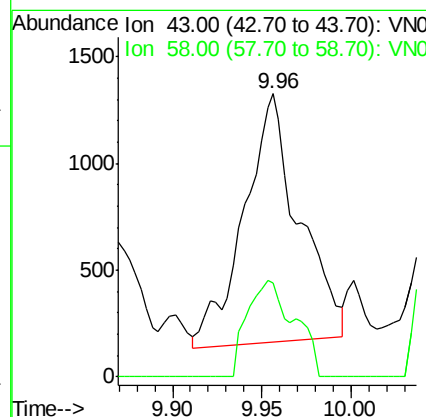
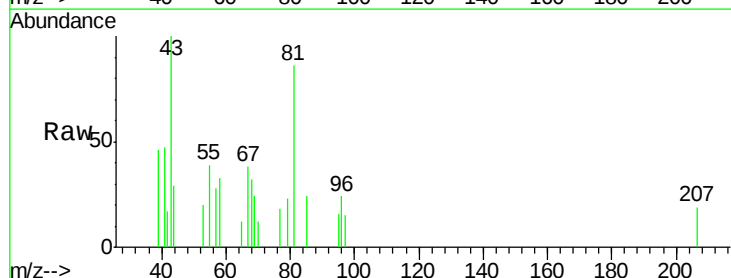
Acq: 19 May 2020 19:04

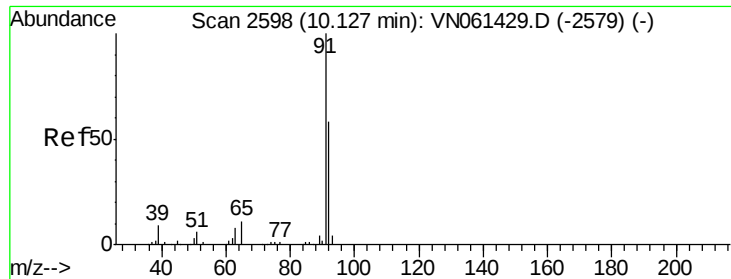
Tgt Ion: 43 Resp: 2504

Ion Ratio Lower Upper

43 100

58 33.3 33.4 50.2#





#52

Toluene

Concen: 3.873 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

Instrument :

MSVOA_N

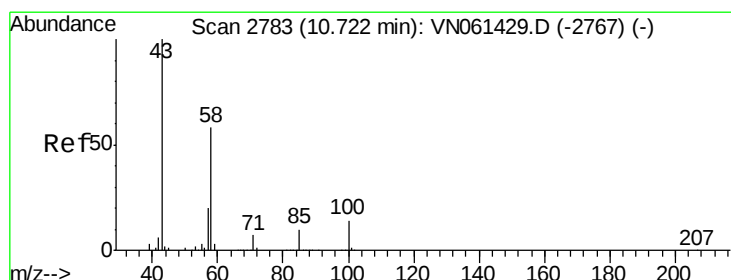
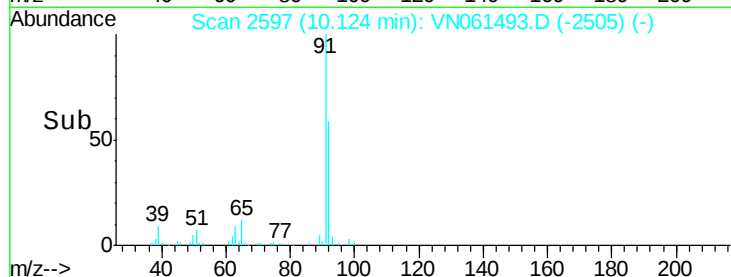
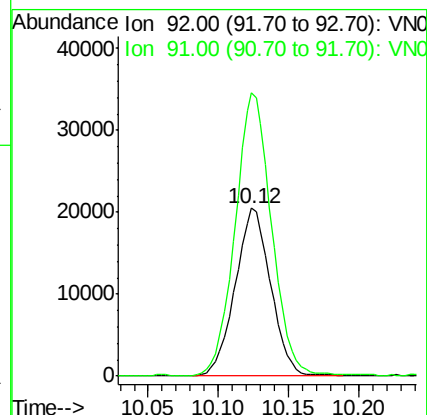
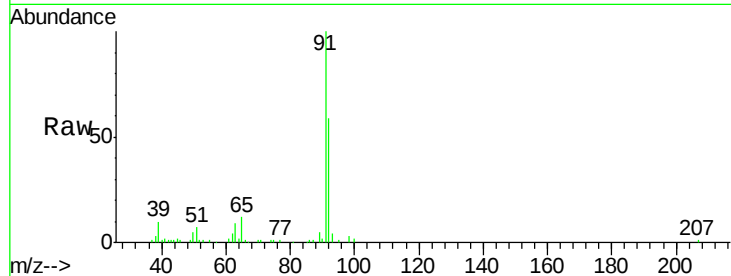
ClientSampleId :

Tot Ion: 92 Resp: 36183

Ion Ratio Lower Upper

92 100

91 173.3 138.0 207.0



#59

2-Hexanone

Concen: 0.315 ug/l

RT: 10.73 min Scan# 2785

Delta R.T. 0.01 min

Lab File: VN061493.D

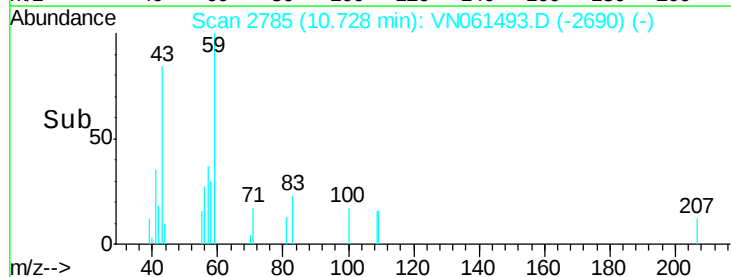
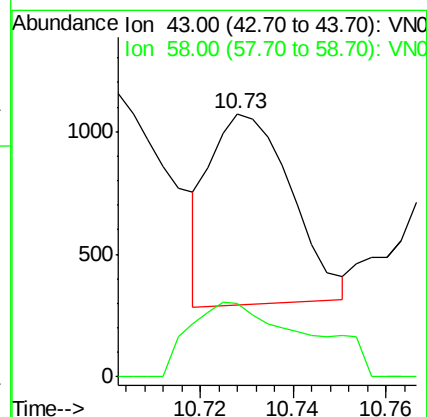
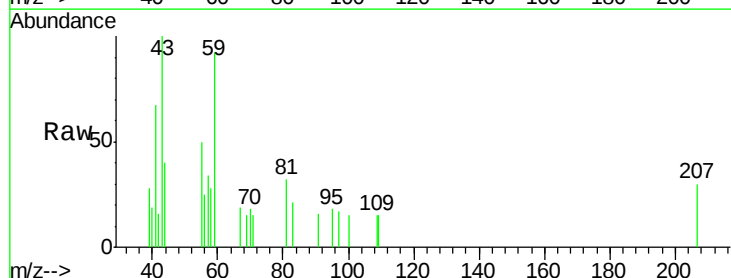
Acq: 19 May 2020 19:04

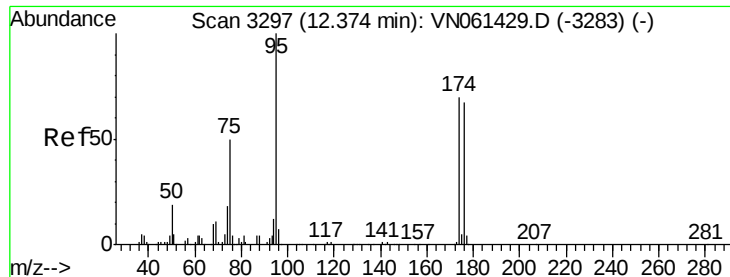
Tgt Ion: 43 Resp: 947

Ion Ratio Lower Upper

43 100

58 56.5 29.2 87.6





#62

4-Bromofluorobenzene

Concen: 53.695 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

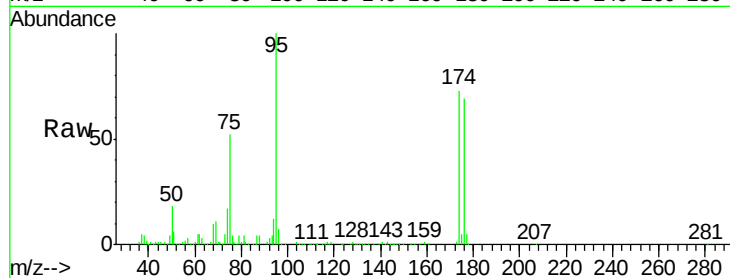
Tot Ion: 95 Resp: 251715

Ion Ratio Lower Upper

95 100

174 71.6 0.0 141.2

176 69.6 0.0 137.6



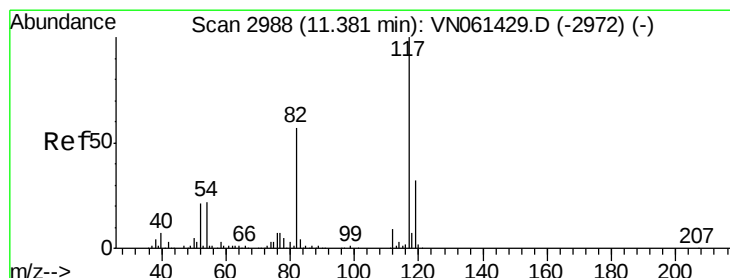
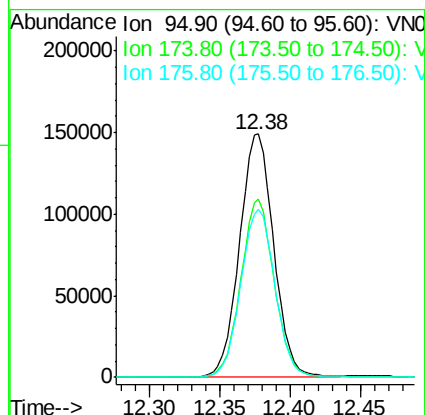
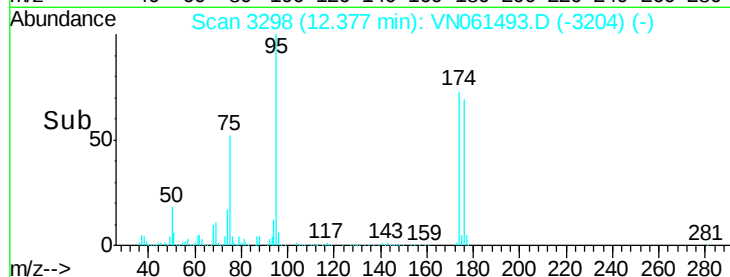
Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)

12.38

12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

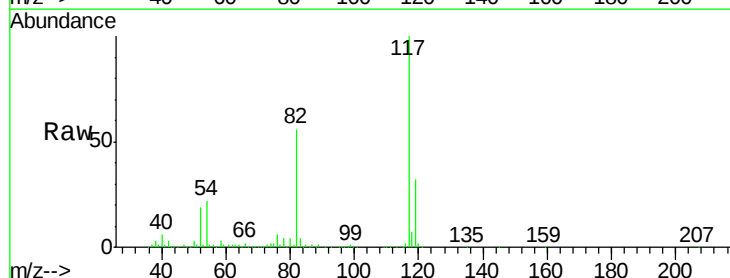
Tgt Ion: 117 Resp: 503818

Ion Ratio Lower Upper

117 100

82 55.9 45.2 67.8

119 32.0 25.3 37.9



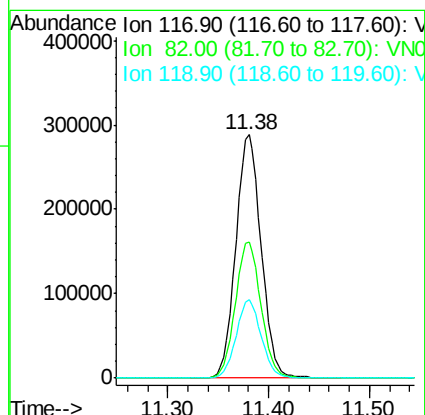
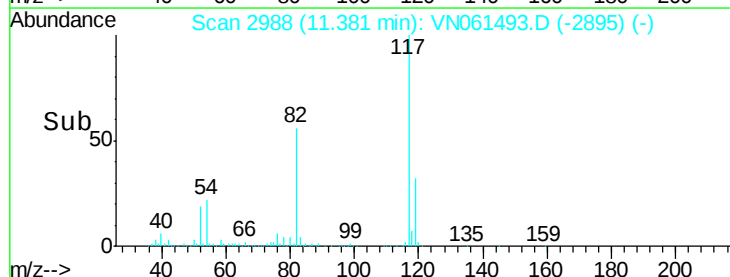
Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

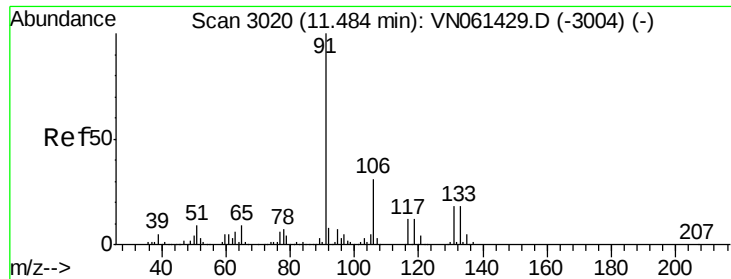
Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)

11.38

11.30 11.40 11.50

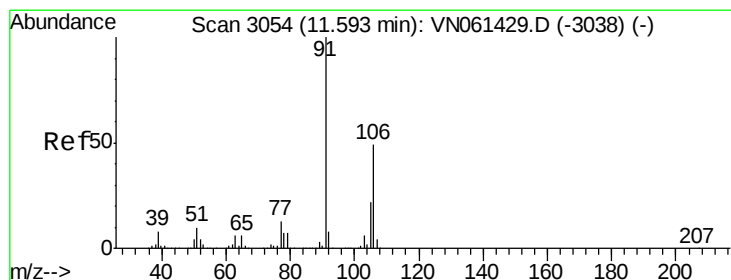
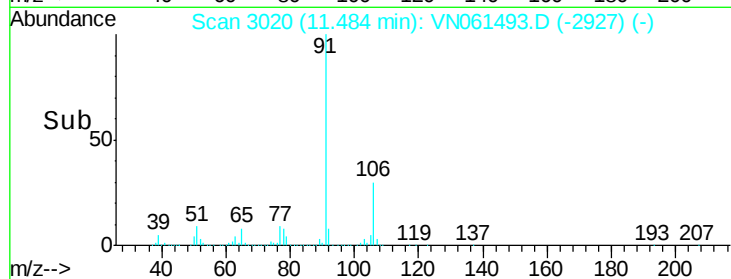
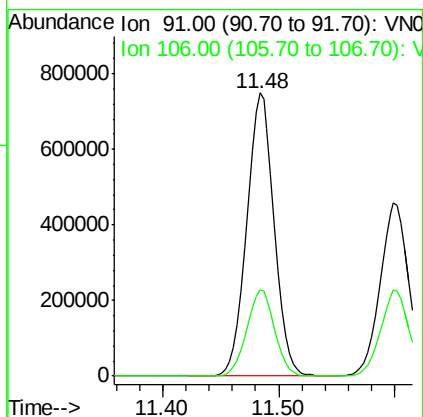
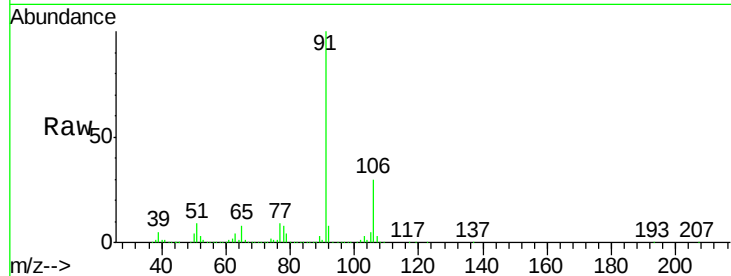




#67
Ethyl Benzene
Concen: 65.558 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

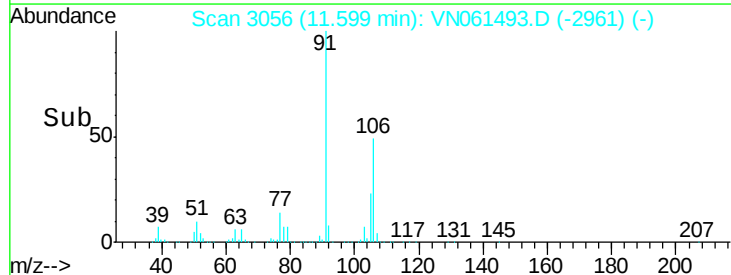
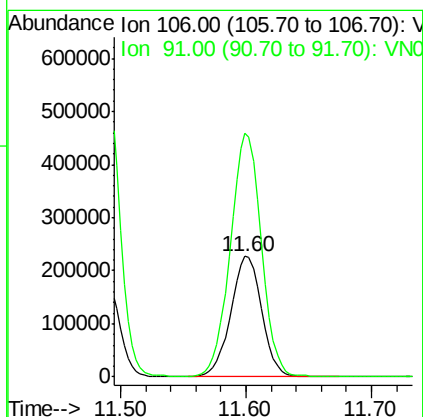
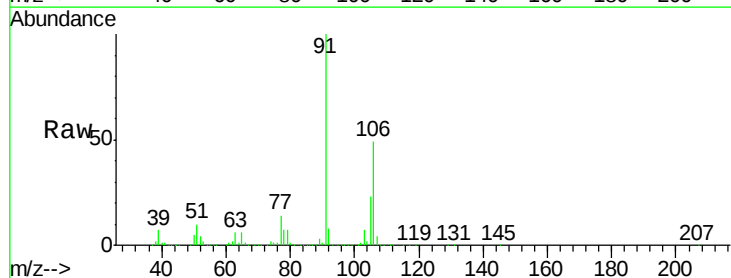
Instrument :
MSVOA_N
ClientSampled :

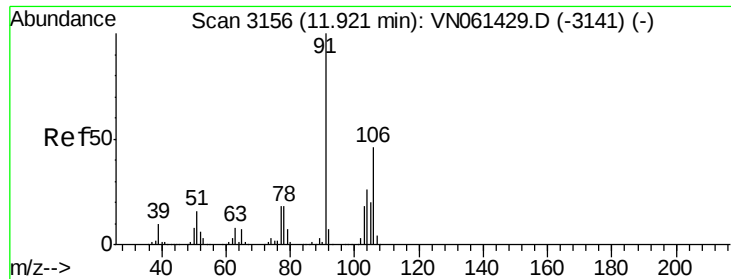
Tot Ion: 91 Resp: 1229489
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8



#68
m/p-Xylenes
Concen: 54.520 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.01 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

Tgt Ion: 106 Resp: 388106
Ion Ratio Lower Upper
106 100
91 203.0 163.0 244.6

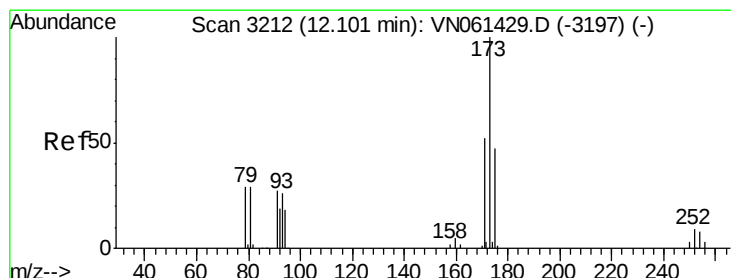
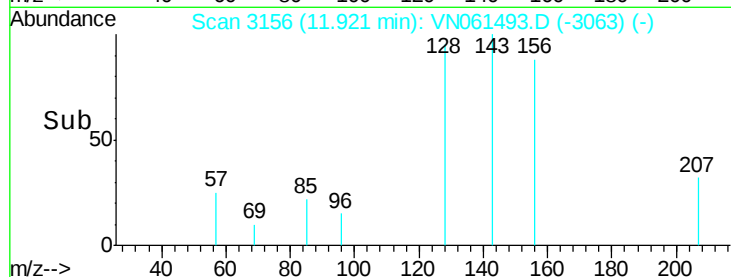
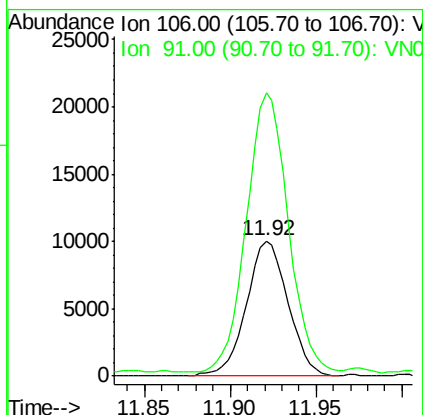
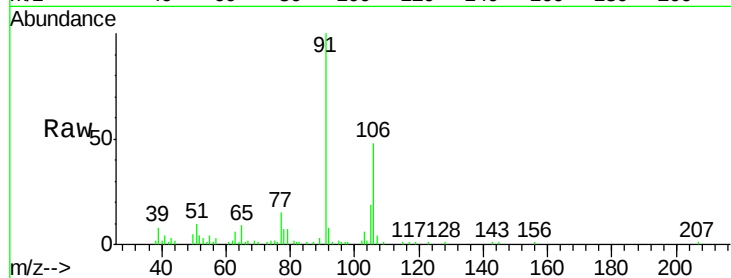




#69
o-Xylene
Concen: 2.444 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

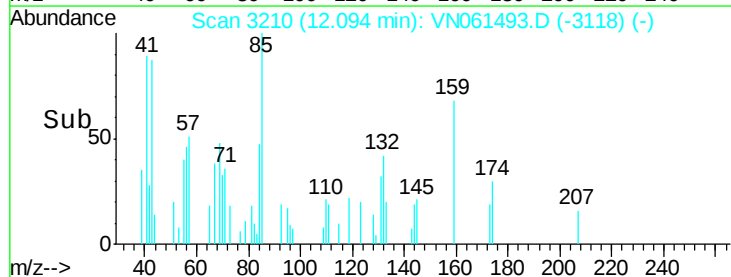
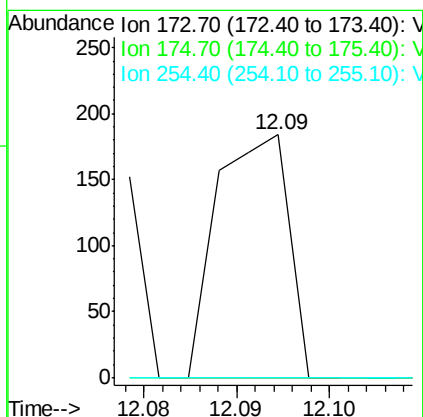
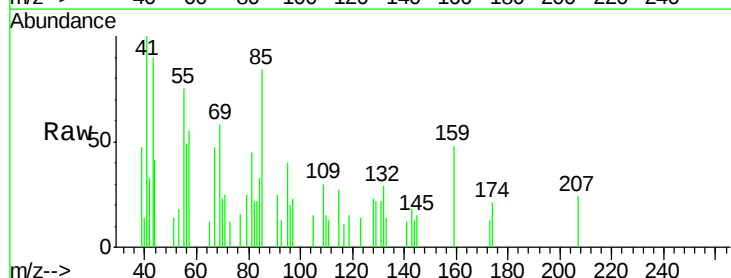
Instrument :
MSVOA_N
ClientSampled :

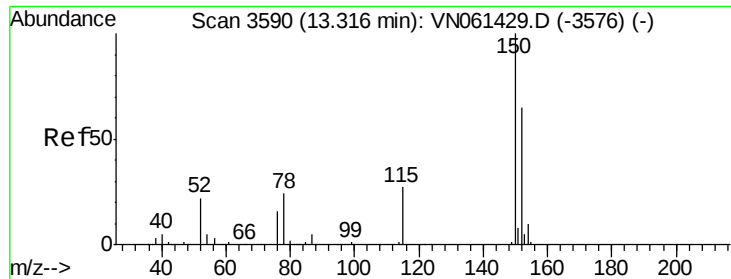
Tot Ion:106 Resp: 16835
Ion Ratio Lower Upper
106 100
91 207.2 107.9 323.7



#71
Bromoform
Concen: 2.053 ug/l
RT: 12.09 min Scan# 3210
Delta R.T. -0.01 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

Tgt Ion:173 Resp: 99
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

Instrument :

MSVOA_N

ClientSampleId :

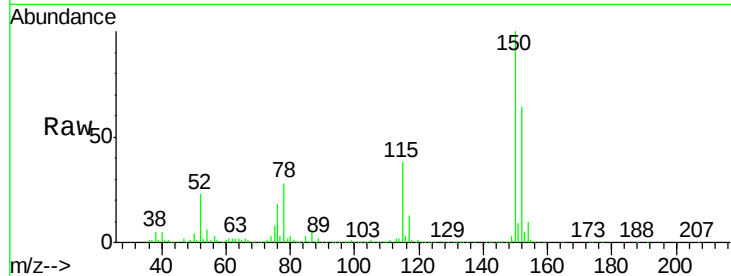
Tot Ion:152 Resp: 225119

Ion Ratio Lower Upper

152 100

115 65.0 30.9 92.5

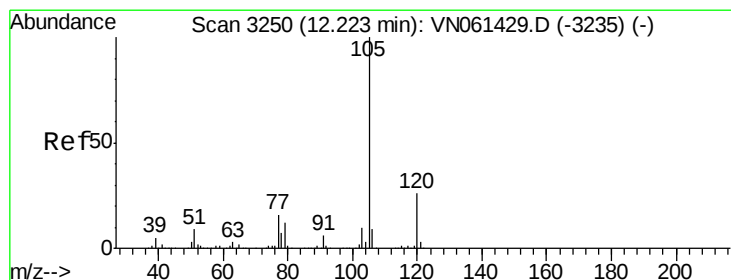
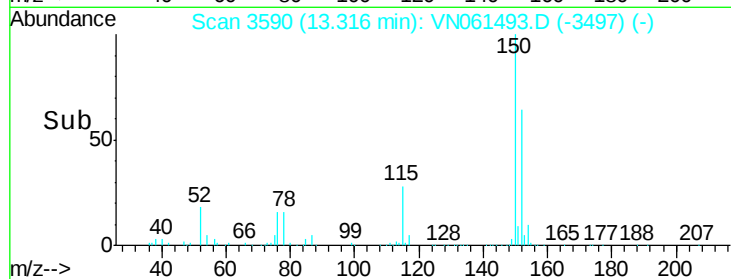
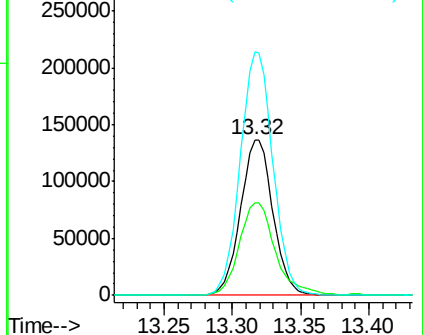
150 158.5 0.0 349.2



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: 4.534 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061493.D

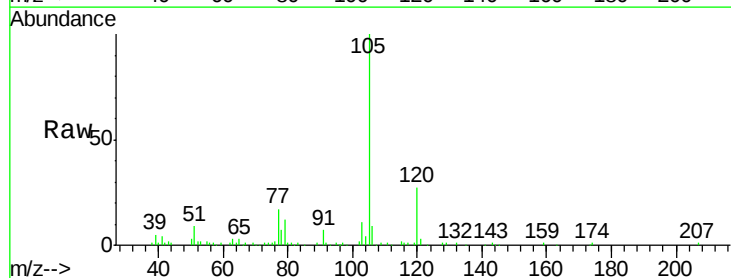
Acq: 19 May 2020 19:04

Tgt Ion:105 Resp: 81948

Ion Ratio Lower Upper

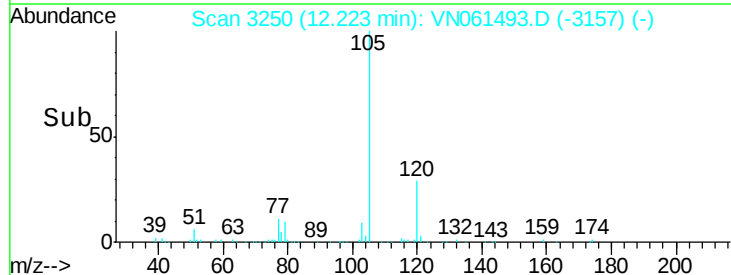
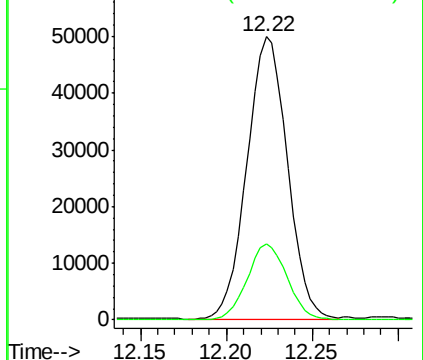
105 100

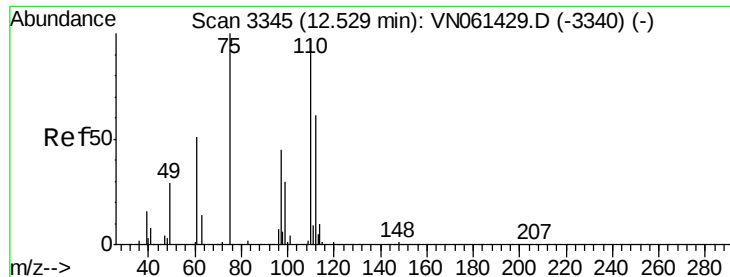
120 26.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 26.753 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

Instrument :

MSVOA_N

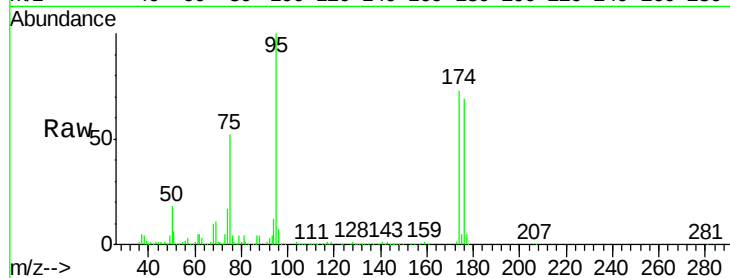
ClientSampled :

Tot Ion: 75 Resp: 129232

Ion Ratio Lower Upper

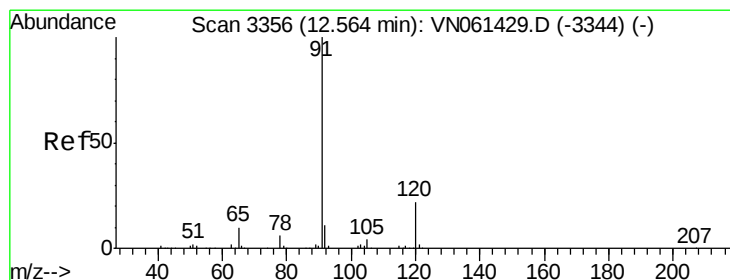
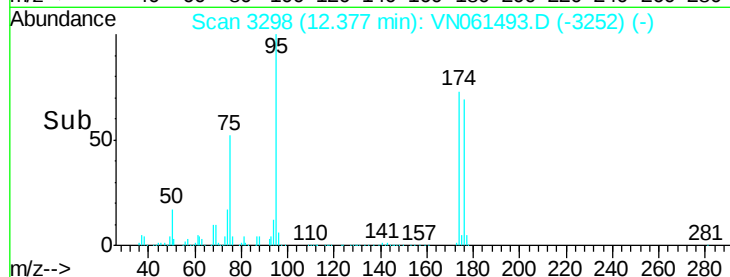
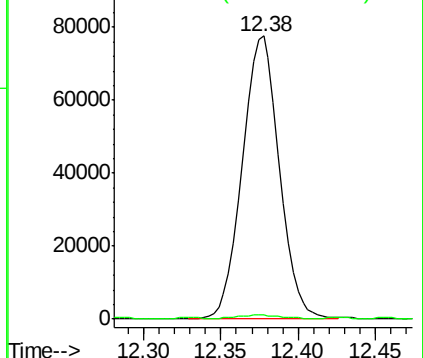
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 12.319 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061493.D

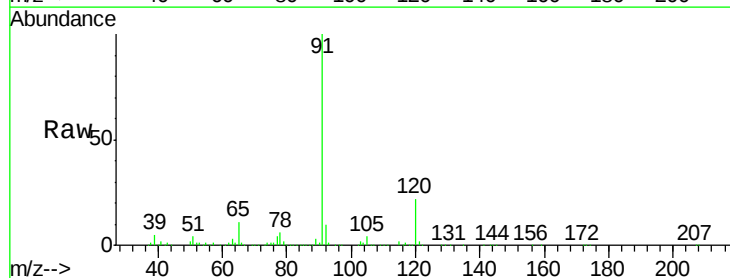
Acq: 19 May 2020 19:04

Tgt Ion: 91 Resp: 253674

Ion Ratio Lower Upper

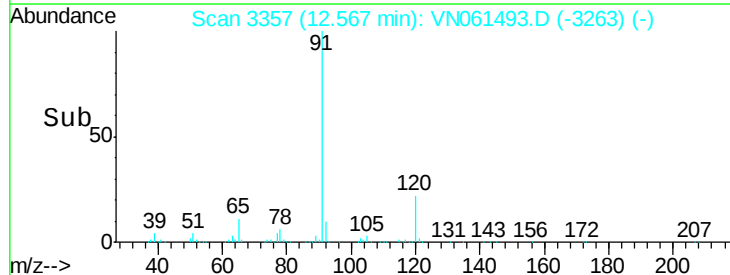
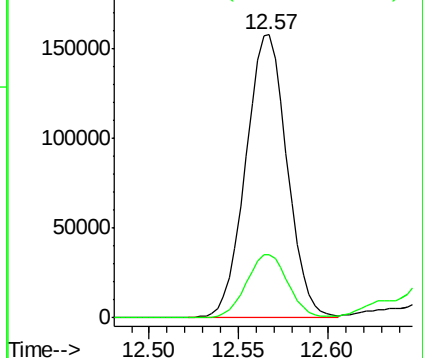
91 100

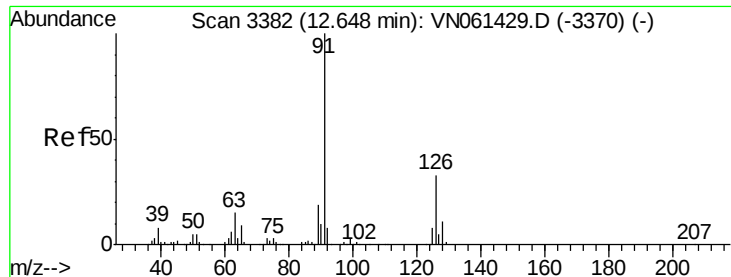
120 22.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

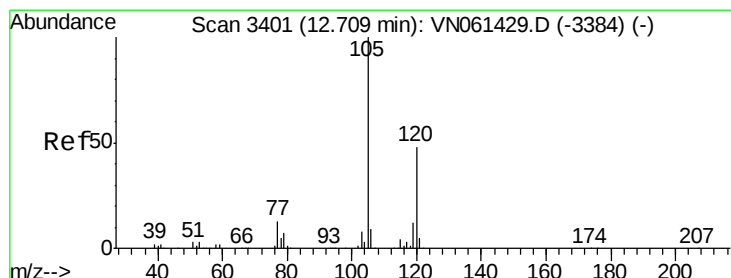
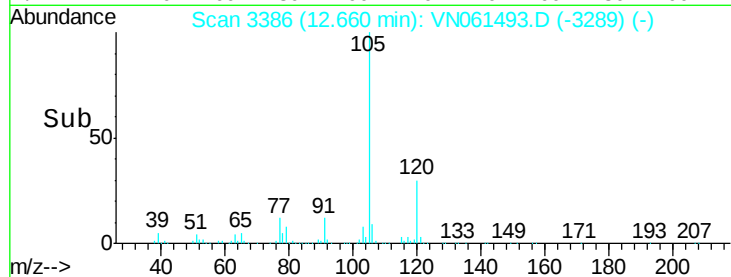
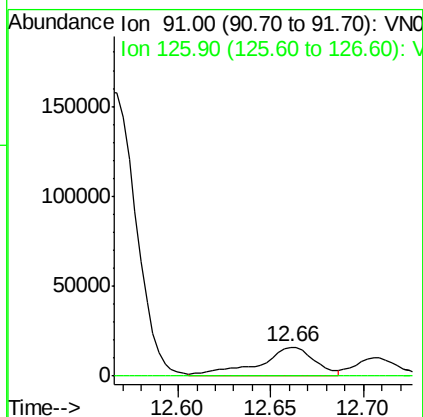
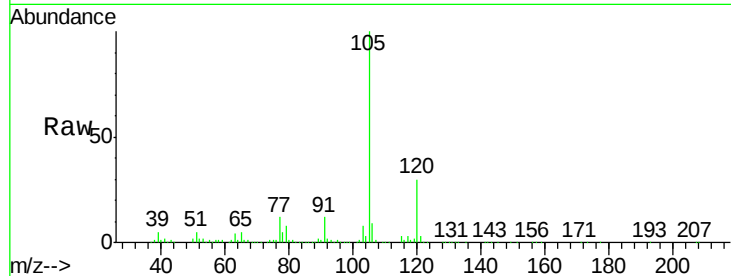




#79
 2-Chlorotoluene
 Concen: 2.647 ug/l
 RT: 12.66 min Scan# 3386
 Delta R.T. 0.01 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

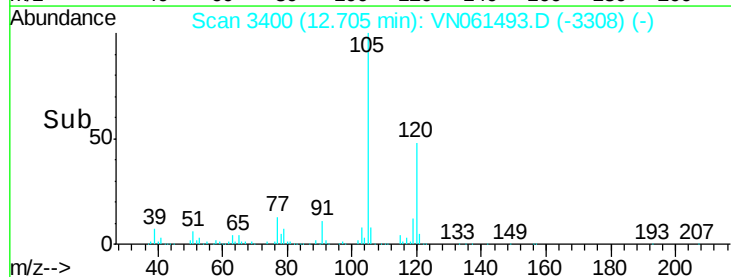
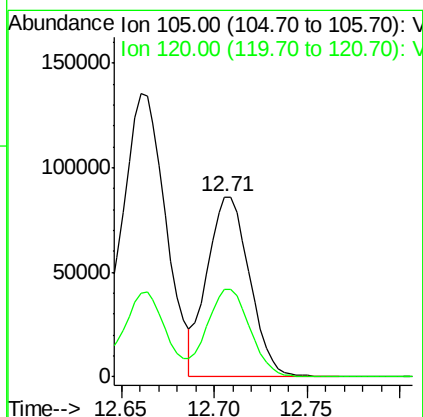
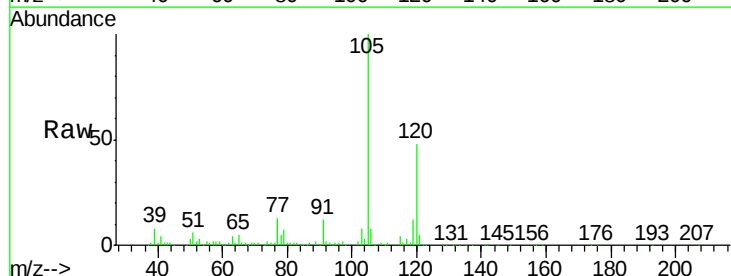
Instrument :
 MSVOA_N
 ClientSampled :

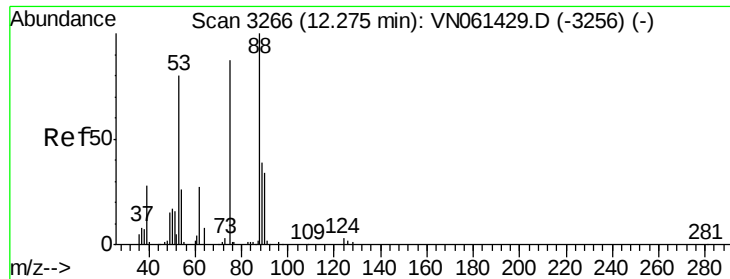
Tot Ion: 91 Resp: 32212
 Ion Ratio Lower Upper
 91 100
 126 0.7 16.3 48.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 9.185 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

Tgt Ion: 105 Resp: 135921
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.4

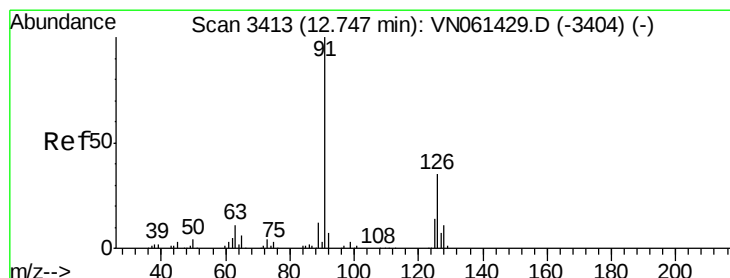
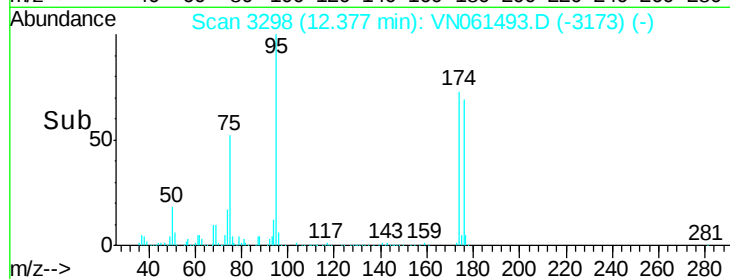
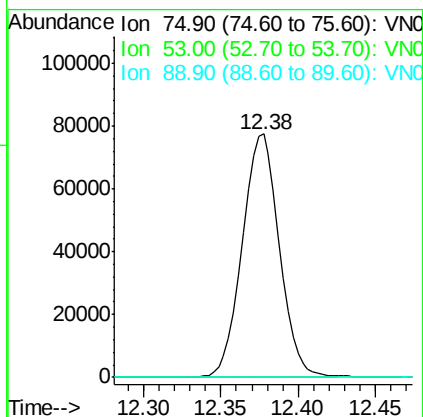
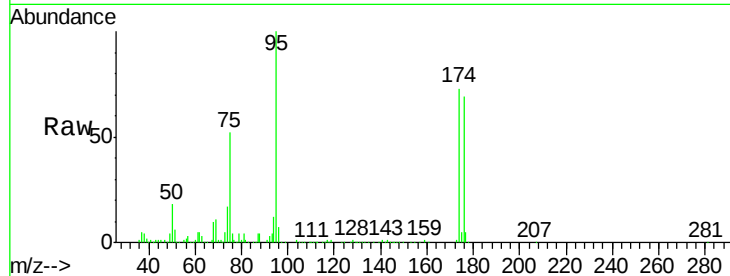




#81
trans-1,4-Dichloro-2-butene
Concen: 70.971 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

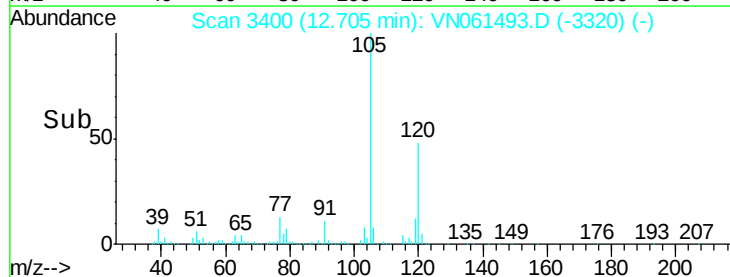
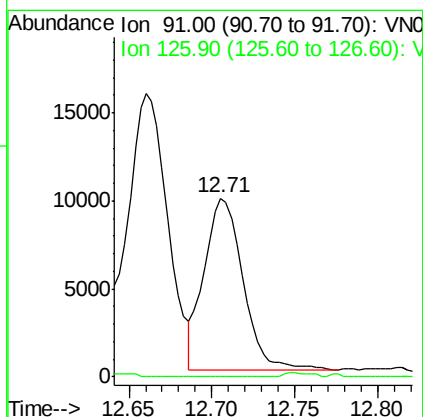
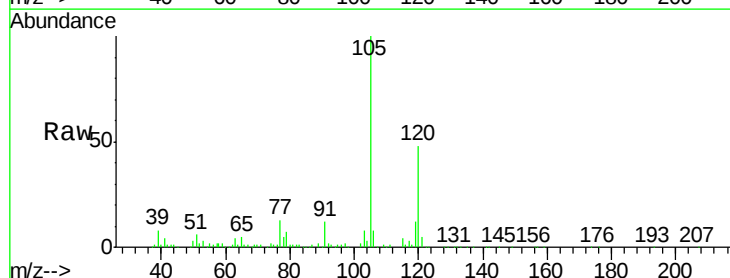
Instrument :
MSVOA_N
ClientSampled :

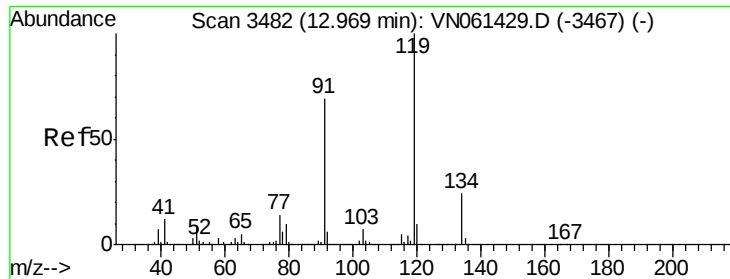
Tot Ion: 75 Resp: 129232
Ion Ratio Lower Upper
75 100
53 0.3 75.2 112.8#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 1.266 ug/l
RT: 12.71 min Scan# 3400
Delta R.T. -0.04 min
Lab File: VN061493.D
Acq: 19 May 2020 19:04

Tgt Ion: 91 Resp: 15957
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.2#

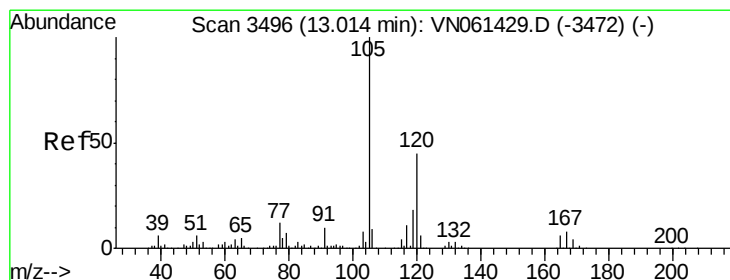
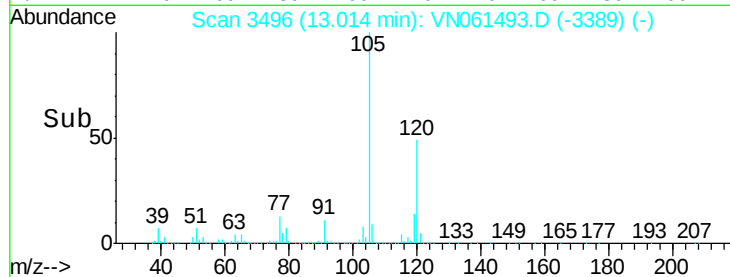
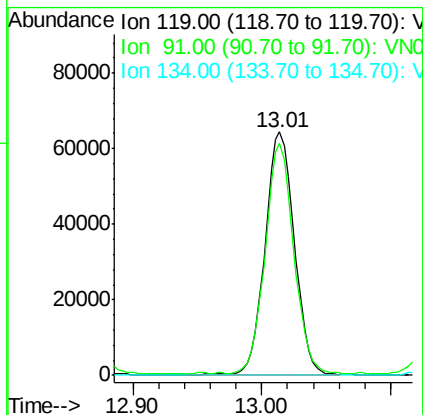
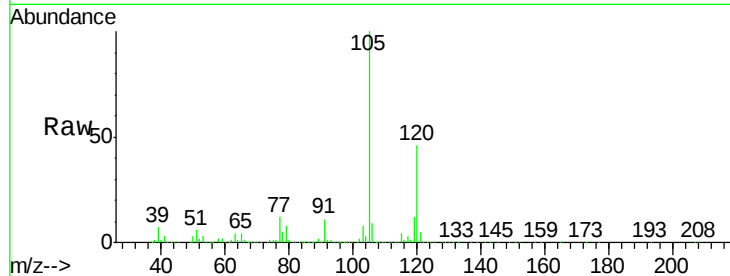




#83
 tert-Butylbenzene
 Concen: 8.106 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.04 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

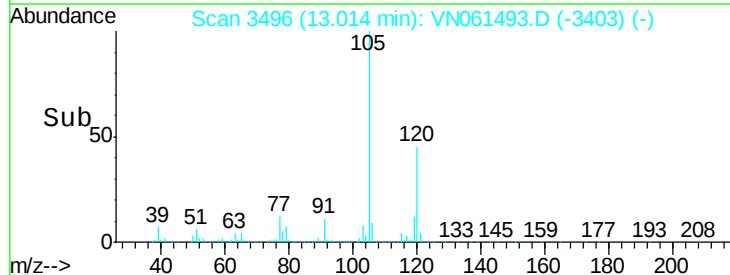
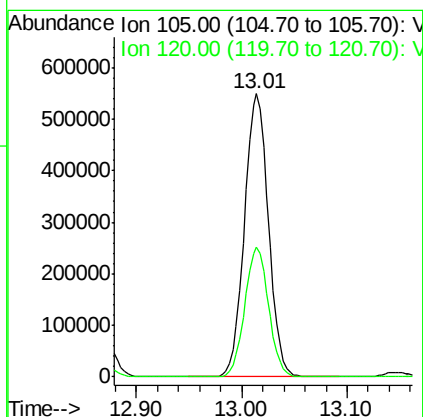
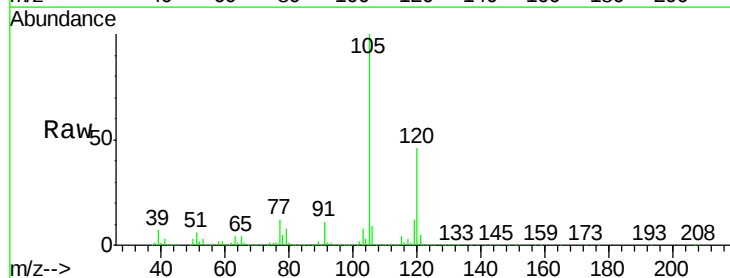
Instrument :
 MSVOA_N
 ClientSampleId :

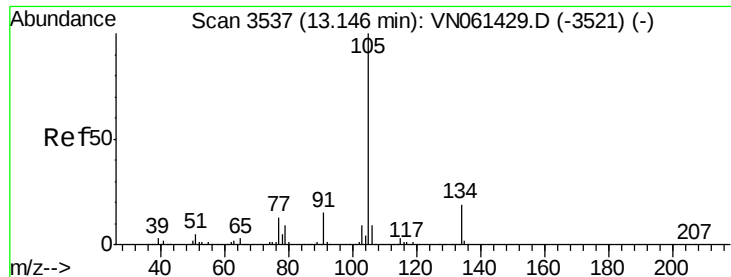
Tot Ion:119 Resp: 102749
 Ion Ratio Lower Upper
 119 100
 91 91.1 33.7 101.0
 134 0.0 12.8 38.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 58.344 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

Tgt Ion:105 Resp: 864030
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.4 67.3

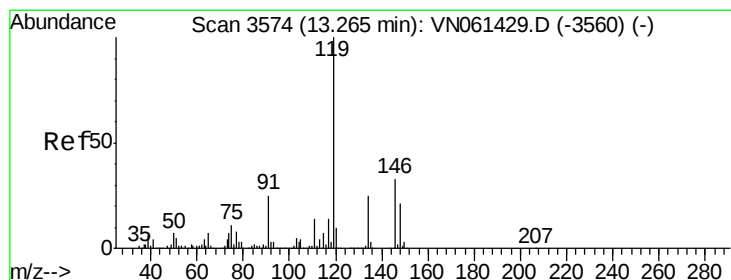
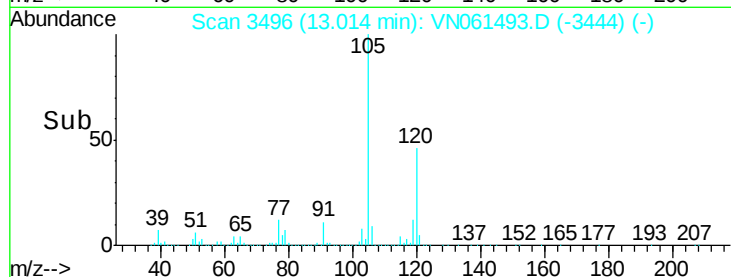
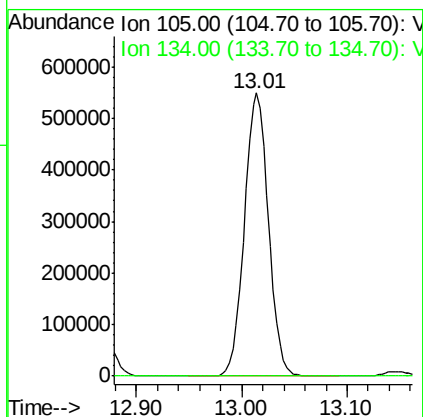
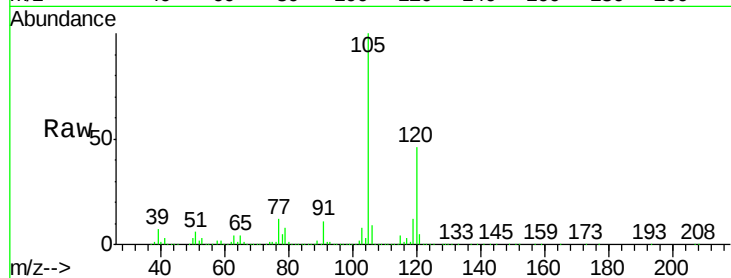




#85
 sec-Butylbenzene
 Concen: 50.411 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.13 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

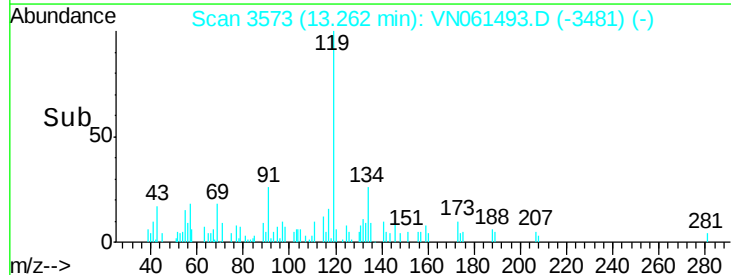
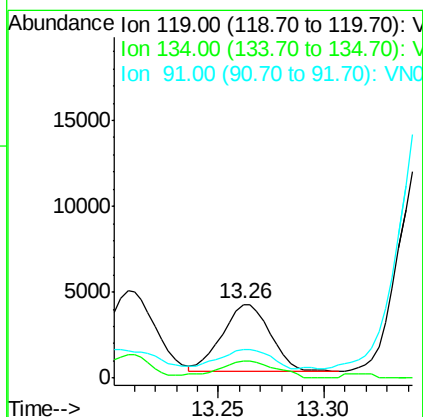
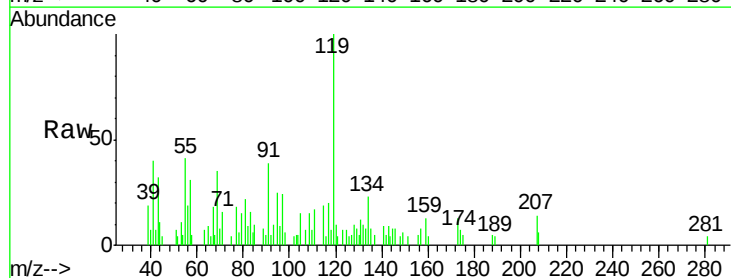
Instrument :
 MSVOA_N
 ClientSampled :

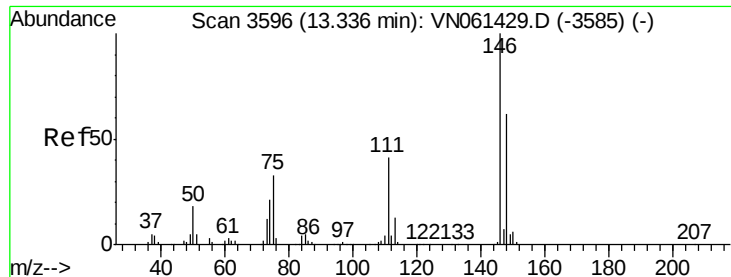
Tot Ion:105 Resp: 864030
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.5#



#86
 p-Isopropyltoluene
 Concen: 0.409 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

Tgt Ion:119 Resp: 6229
 Ion Ratio Lower Upper
 119 100
 134 31.2 12.7 38.1
 91 0.0 12.6 37.6#

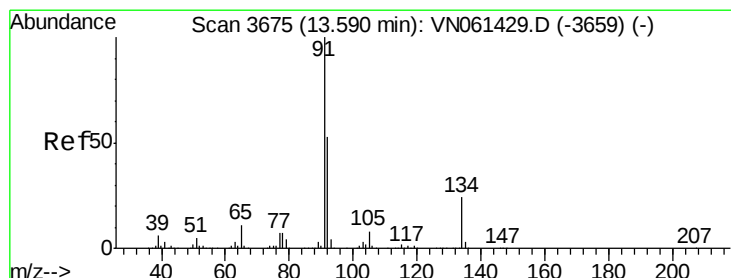
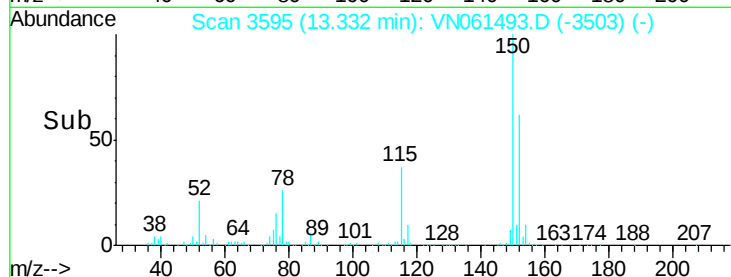
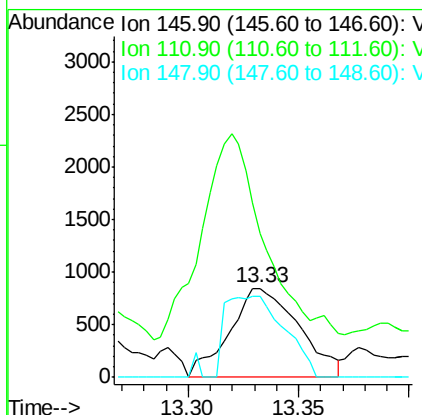
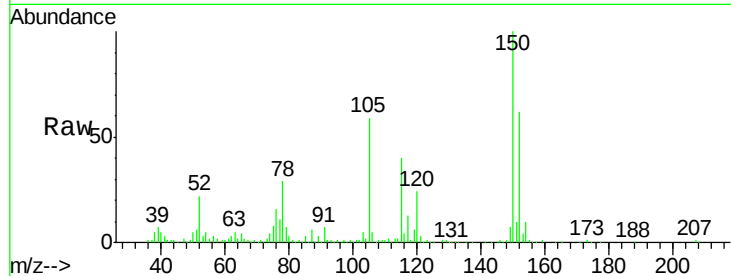




#88
 1,4-Dichlorobenzene
 Concen: 0.257 ug/l
 RT: 13.33 min Scan# 3595
 Delta R.T. -0.00 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

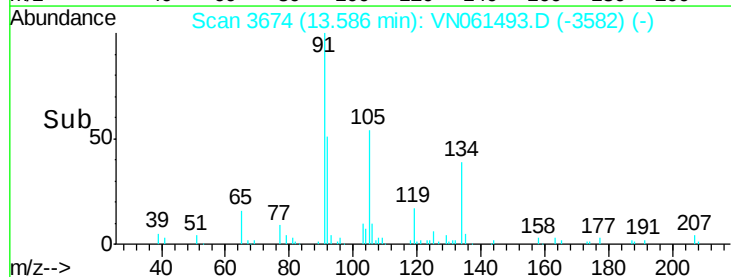
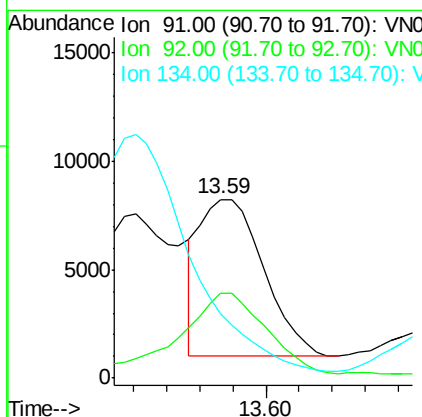
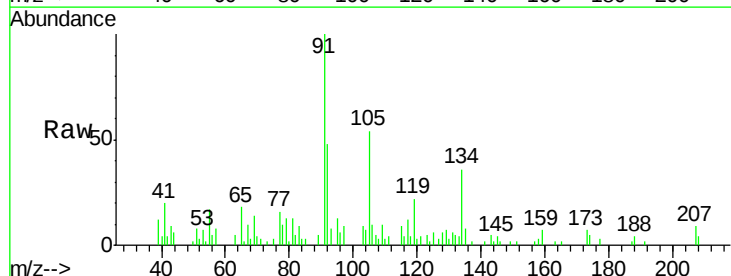
Instrument :
 MSVOA_N
 ClientSampleId :

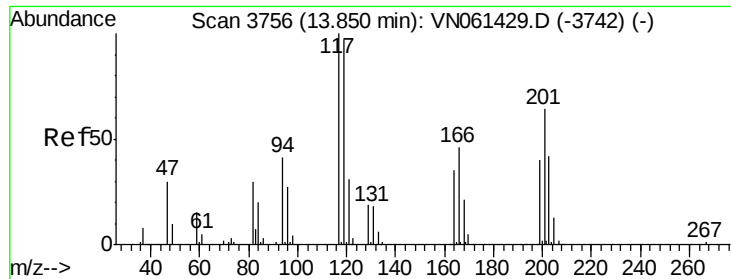
Tot Ion:146 Resp: 1844
 Ion Ratio Lower Upper
 146 100
 111 208.4 20.8 62.5#
 148 77.7 31.6 94.8



#89
 n-Butylbenzene
 Concen: 0.697 ug/l
 RT: 13.59 min Scan# 3674
 Delta R.T. -0.00 min
 Lab File: VN061493.D
 Acq: 19 May 2020 19:04

Tgt Ion: 91 Resp: 9639
 Ion Ratio Lower Upper
 91 100
 92 71.9 26.8 80.3
 134 0.0 12.4 37.4#





#90

Hexachloroethane

Concen: 4.940 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

Instrument :

MSVOA_N

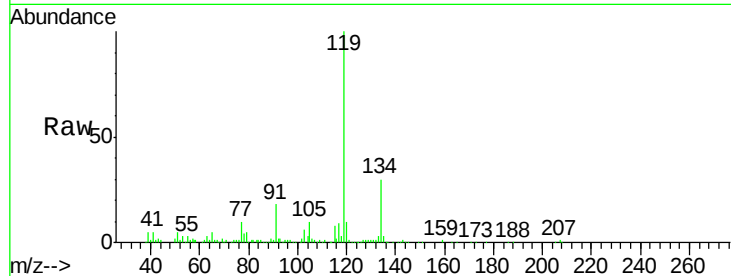
ClientSampleId :

Tot Ion:117 Resp: 10189

Ion Ratio Lower Upper

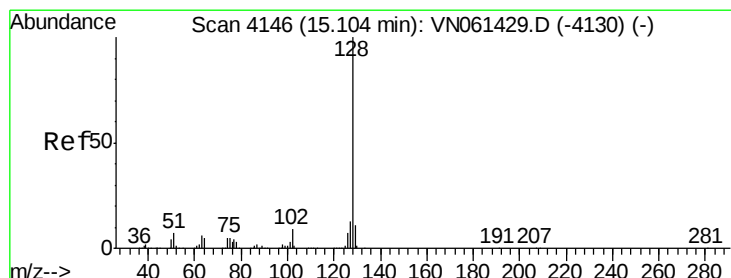
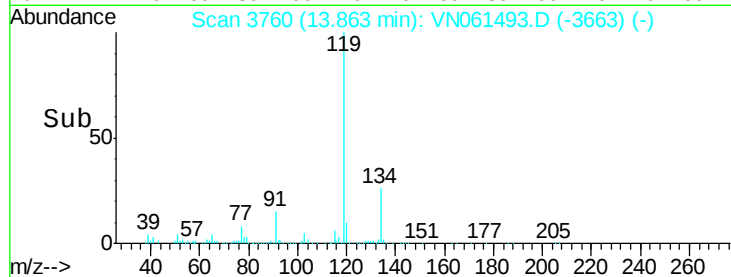
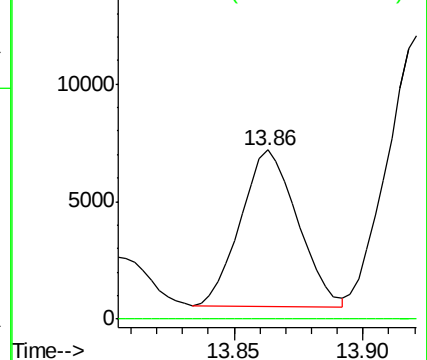
117 100

201 0.0 32.9 98.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 15.841 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061493.D

Acq: 19 May 2020 19:04

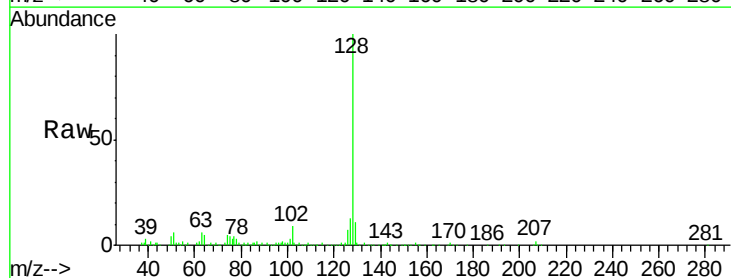
Tgt Ion:128 Resp: 188019

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 11.0 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

