

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051820\
 Data File : VN061439.D
 Acq On : 18 May 2020 17:04
 Operator : JC/MD
 Sample : L2679-05MEDL 10X
 Misc : 6.51g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 19 03:30:08 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	284275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	507602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	494249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	228231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	194639	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
35) Dibromofluoromethane	7.55	113	146178	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	
50) Toluene-d8	10.06	98	645181	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.37	95	247126	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	

Target Compounds

					Qvalue	
3) Chloromethane	2.03	50	1408	0.365	ug/l #	85
5) Bromomethane	2.54	94	667	Below Cal	#	65
10) Methyl Iodide	3.92	142	1576	0.466	ug/l #	75
13) Acrolein	3.57	56	399	Below Cal	#	36
15) Acrylonitrile	4.94	53	544	0.376	ug/l #	58
16) Acetone	3.77	43	1923	Below Cal		89
17) Carbon Disulfide	4.01	76	2730	Below Cal	#	75
18) Methyl Acetate	4.28	43	747	Below Cal	#	49
25) 2-Butanone	6.77	43	799	0.414	ug/l #	46
31) Cyclohexane	7.62	56	11450	Below Cal	#	40
36) 1,1-Dichloropropene	7.63	75	23908	5.037	ug/l #	50
38) Carbon Tetrachloride	7.63	117	29792	6.817	ug/l #	15
39) Methylcyclohexane	9.05	83	30384	5.241	ug/l	100
48) Methyl methacrylate	9.11	41	3273	0.944	ug/l #	42
49) 1,4-Dioxane	9.17	88	368	Below Cal	#	63
51) 4-Methyl-2-Pentanone	9.96	43	1229	0.301	ug/l #	86
55) 1,1,2-Trichloroethane	10.50	97	10596	3.052	ug/l #	20
56) Ethyl methacrylate	10.40	69	3566	0.657	ug/l #	1
59) 2-Hexanone	10.69	43	16233	5.486	ug/l #	26
68) m/p-Xylenes	11.59	106	1591	0.228	ug/l	77
71) Bromoform	12.10	173	135	2.066	ug/l #	29
73) Isopropylbenzene	12.22	105	30405	1.659	ug/l	94
74) N-amyl acetate	12.02	43	20242	3.018	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.43	83	2102	0.417	ug/l #	38
76) 1,2,3-Trichloropropane	12.37	75	131987	26.951	ug/l #	100
78) n-propylbenzene	12.57	91	80067	3.835	ug/l	98
79) 2-Chlorotoluene	12.75	91	2515	0.204	ug/l	77
81) trans-1,4-Dichloro-2-buten	12.37	75	131987	71.495	ug/l #	12
83) tert-Butylbenzene	12.97	119	3538	0.275	ug/l	87
84) 1,2,4-Trimethylbenzene	13.02	105	4889	0.326	ug/l	90
85) sec-Butylbenzene	13.15	105	70139	4.036	ug/l	87
86) p-Isopropyltoluene	13.26	119	6290	0.408	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	2252	0.309	ug/l #	1
88) 1,4-Dichlorobenzene	13.34	146	2383	0.327	ug/l #	1

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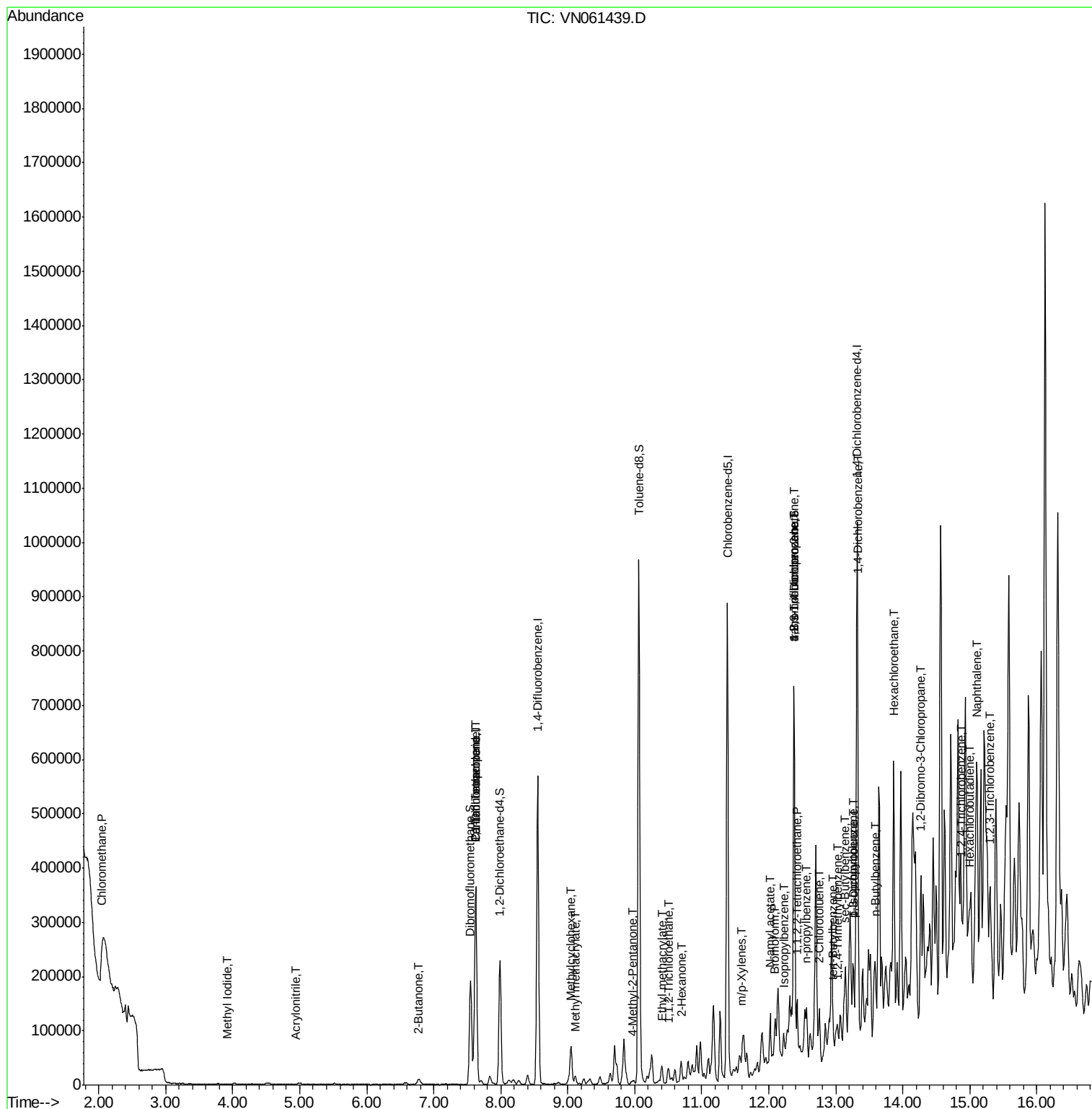
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.59	91	74338	5.303	ug/l #	85
90) Hexachloroethane	13.86	117	20516	9.811	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.26	75	1232	1.210	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.88	180	3933	1.039	ug/l #	1
94) Hexachlorobutadiene	14.98	225	1500	0.892	ug/l	79
95) Naphthalene	15.10	128	290449	24.138	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	2391	0.635	ug/l #	1

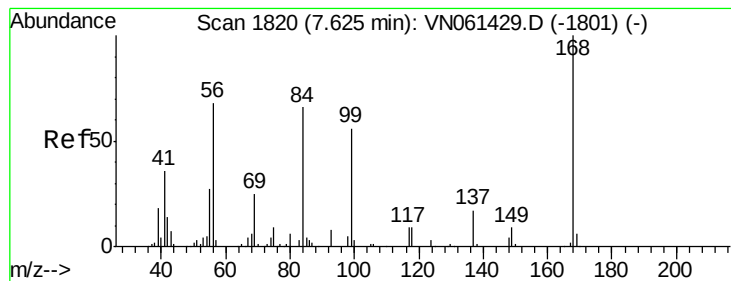
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

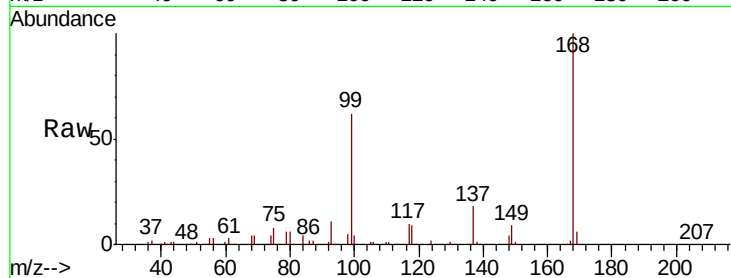
ClientSampleId :

Tot Ion:168 Resp: 284275

Ion Ratio Lower Upper

168 100

99 61.8 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): VN061429.D (-1801) (-)

Ion 98.90 (98.60 to 99.60): VN061429.D (-1801) (-)

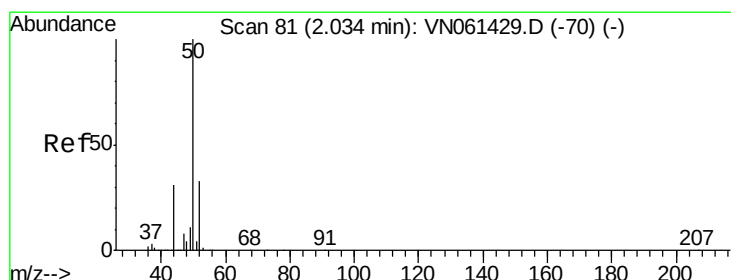
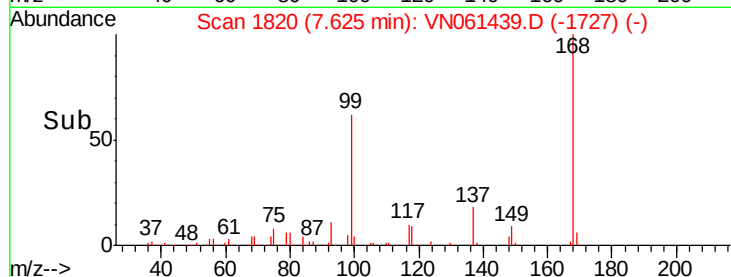
7.63

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.365 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061439.D

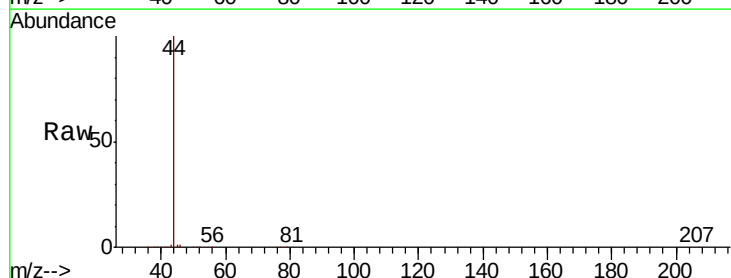
Acq: 18 May 2020 17:04

Tgt Ion: 50 Resp: 1408

Ion Ratio Lower Upper

50 100

52 41.8 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VN061429.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN061429.D (-70) (-)

2.03

1000

800

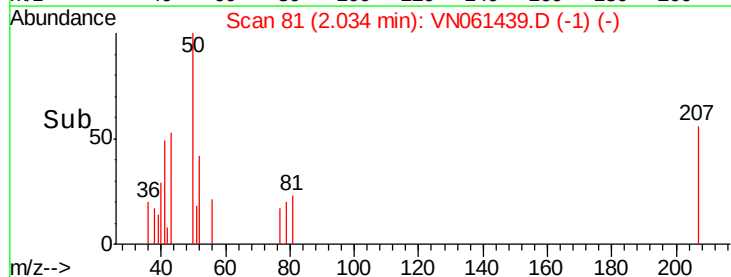
600

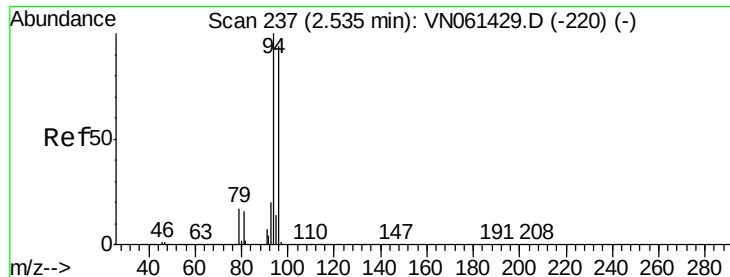
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

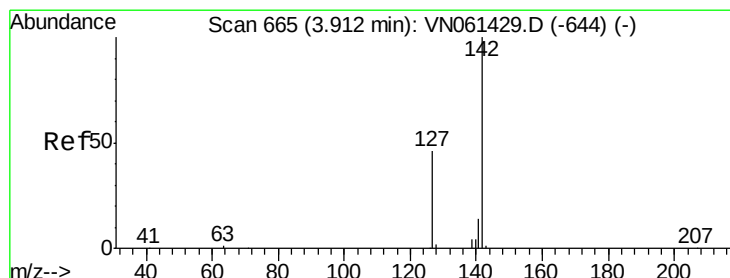
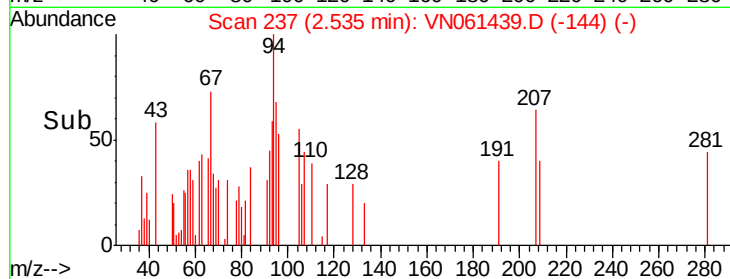
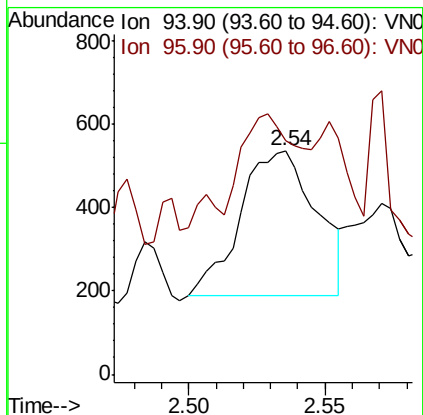
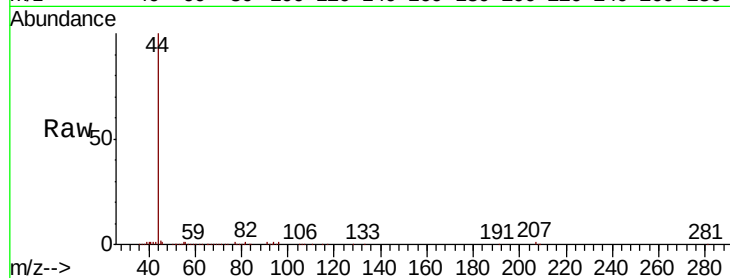
ClientSampled :

Tot Ion: 94 Resp: 667

Ion Ratio Lower Upper

94 100

96 60.1 74.9 112.3#



#10

Methyl Iodide

Concen: 0.466 ug/l

RT: 3.92 min Scan# 667

Delta R.T. 0.01 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

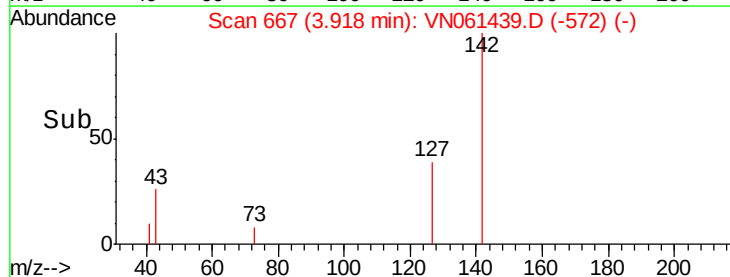
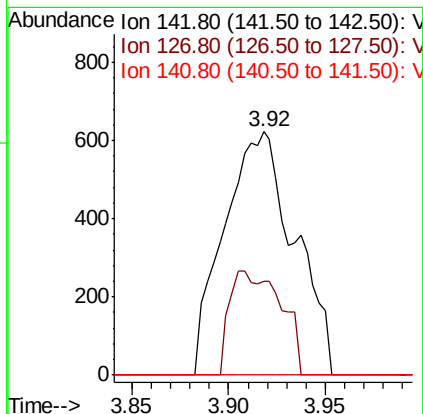
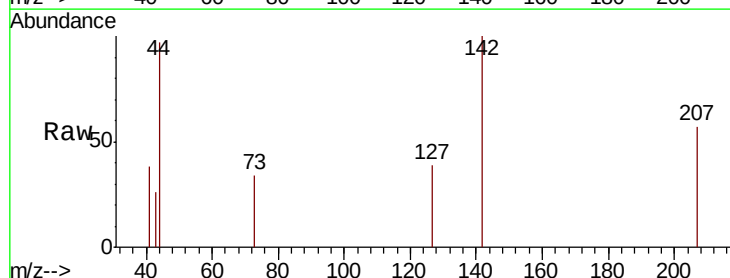
Tgt Ion: 142 Resp: 1576

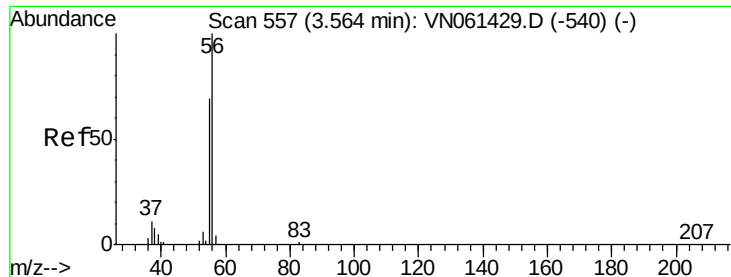
Ion Ratio Lower Upper

142 100

127 31.1 36.7 55.1#

141 0.0 11.5 17.3#





#13

Acrolein

Concen: Below Cal

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

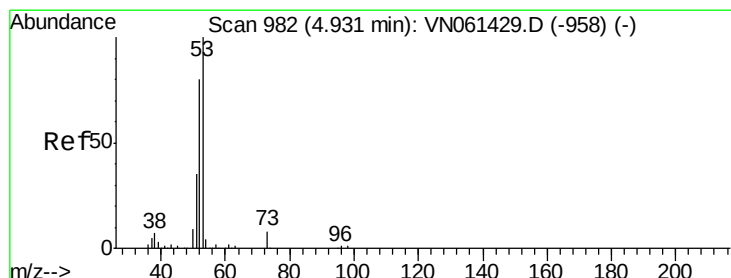
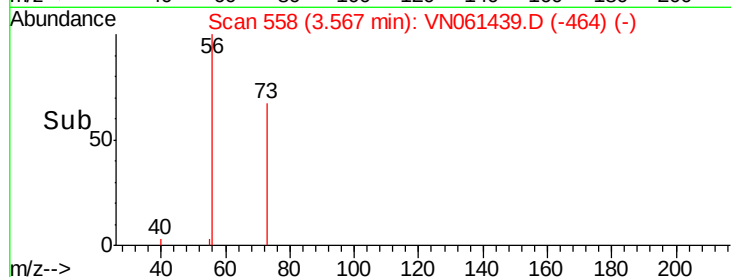
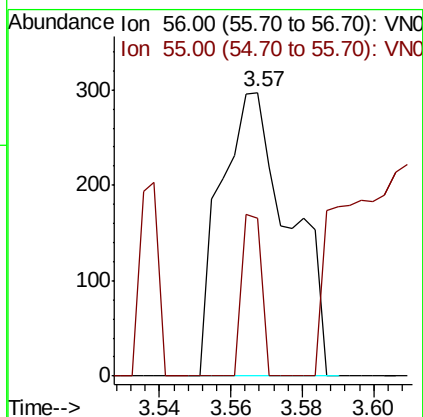
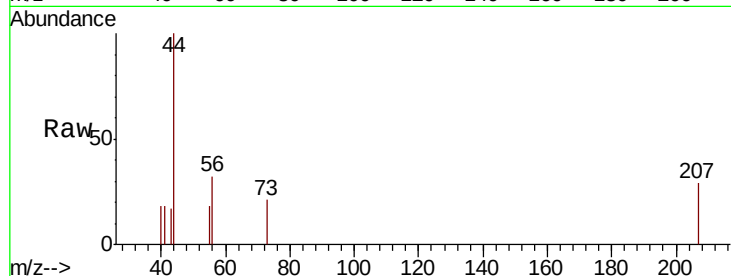
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 399

Ion Ratio Lower Upper

56 100

55 16.3 54.8 82.2#



#15

Acrylonitrile

Concen: 0.376 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.01 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

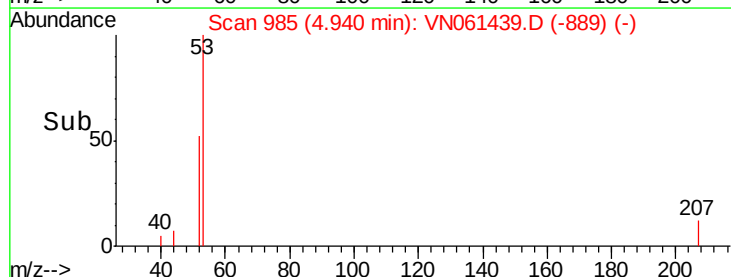
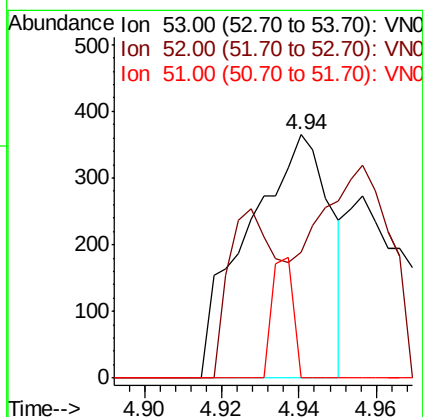
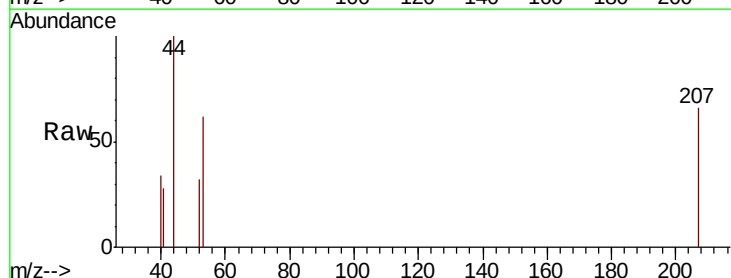
Tgt Ion: 53 Resp: 544

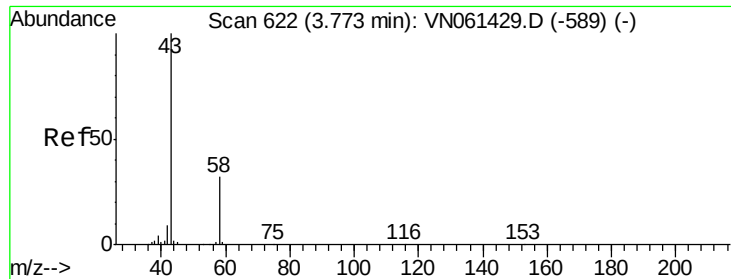
Ion Ratio Lower Upper

53 100

52 42.8 64.7 97.1#

51 12.5 29.5 44.3#





#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

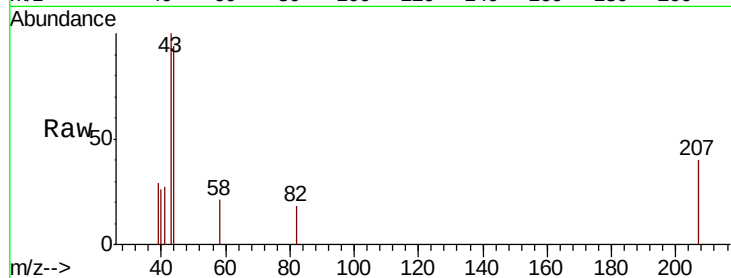
ClientSampled :

Tot Ion: 43 Resp: 1923

Ion Ratio Lower Upper

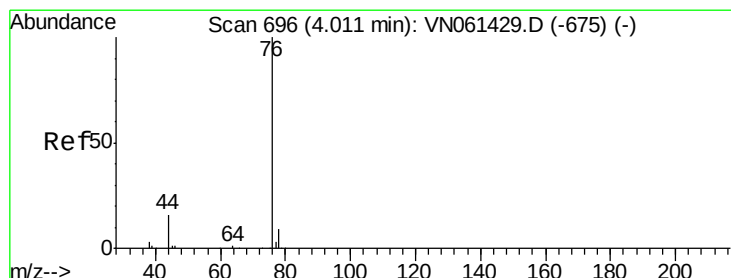
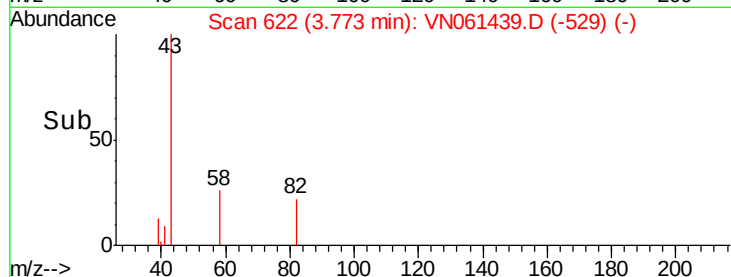
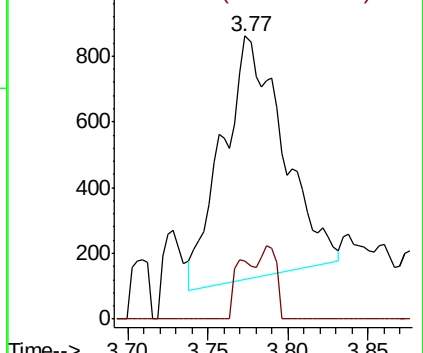
43 100

58 25.9 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061439.D

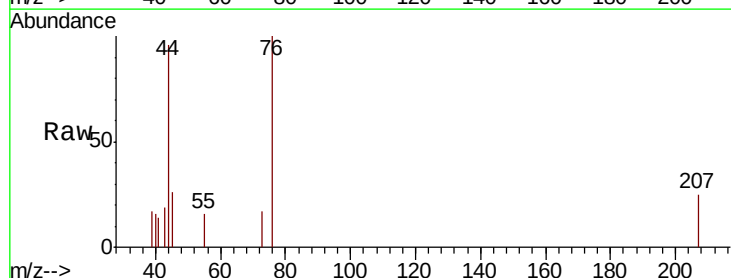
Acq: 18 May 2020 17:04

Tgt Ion: 76 Resp: 2730

Ion Ratio Lower Upper

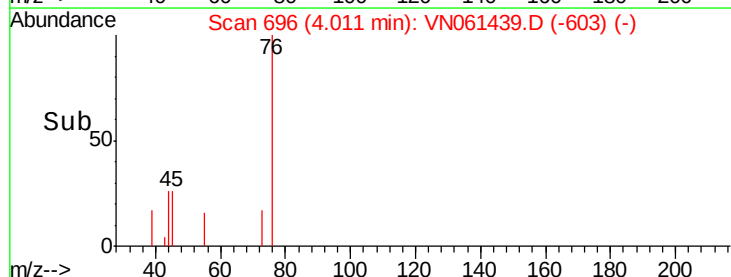
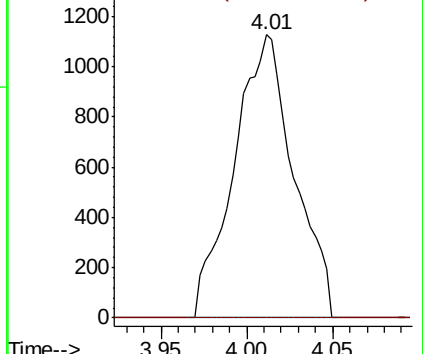
76 100

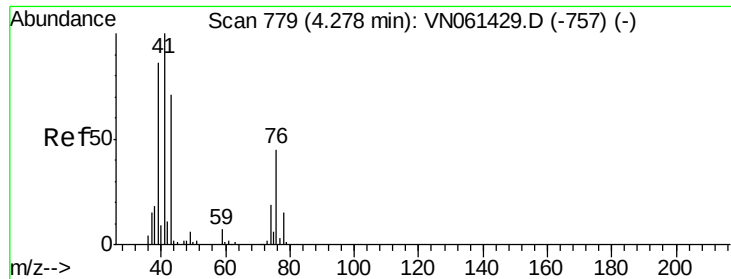
78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

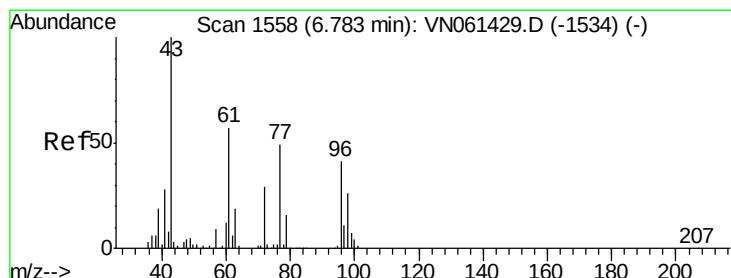
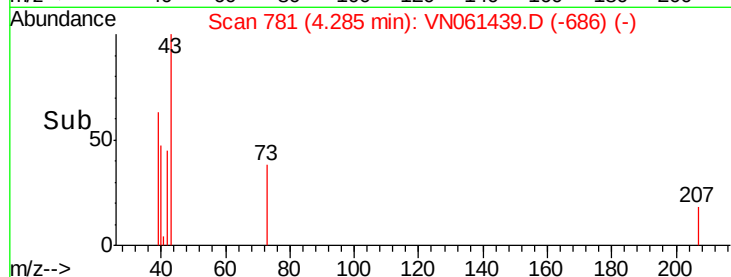
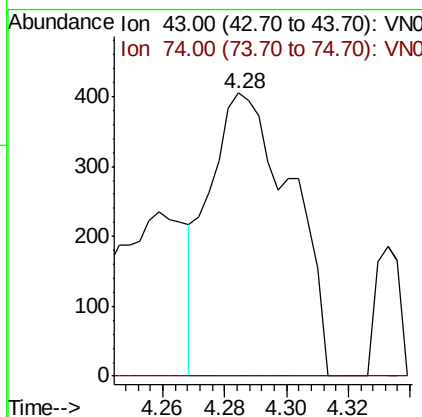
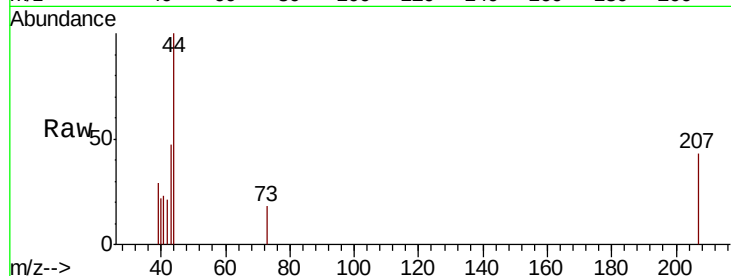




#18
Methyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN061439.D
Acq: 18 May 2020 17:04

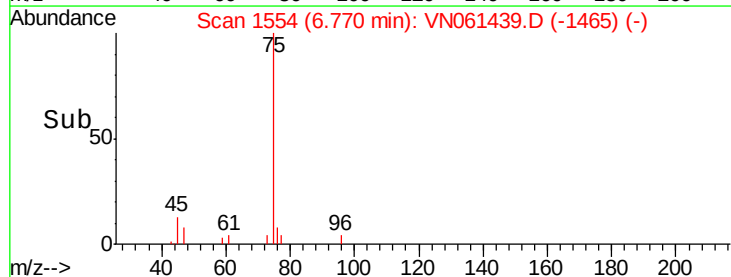
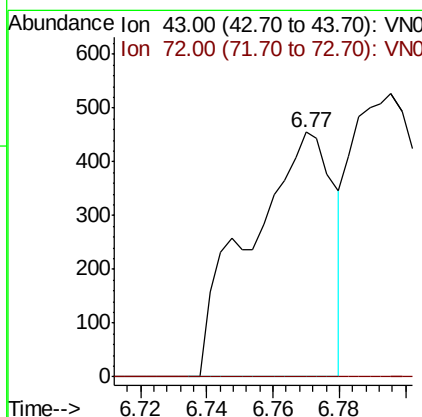
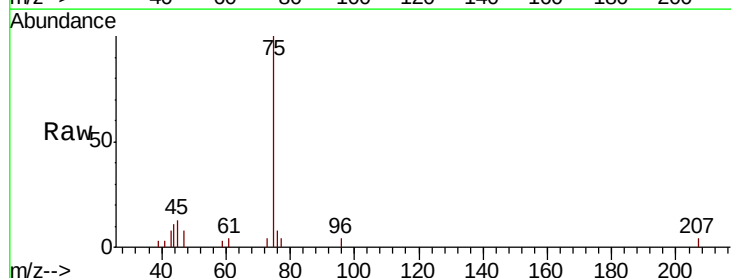
Instrument :
MSVOA_N
ClientSampled :

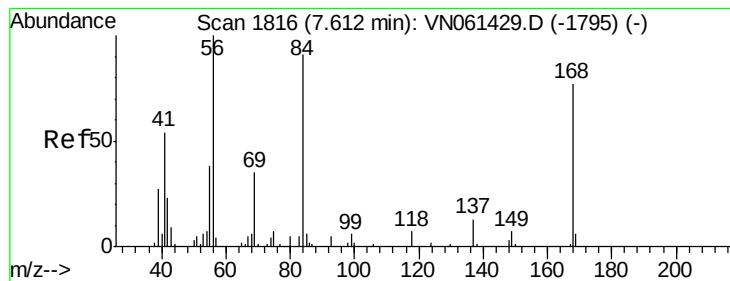
Tot Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



#25
2-Butanone
Concen: 0.414 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061439.D
Acq: 18 May 2020 17:04

Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#





#31

Cyclohexane

Concen: Below Cal

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

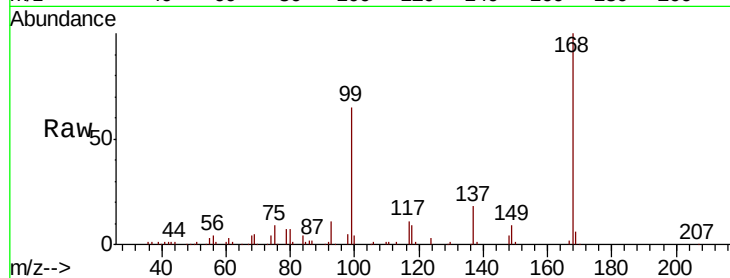
Lab File: VN061439.D

Acq: 18 May 2020 17:04

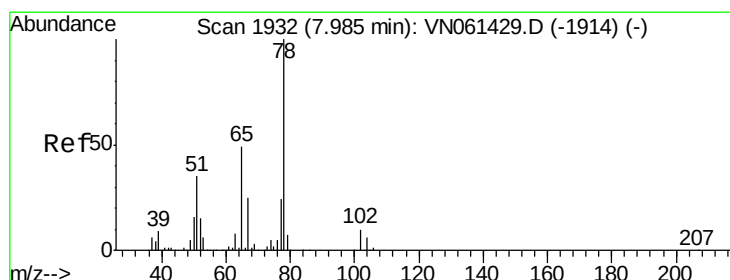
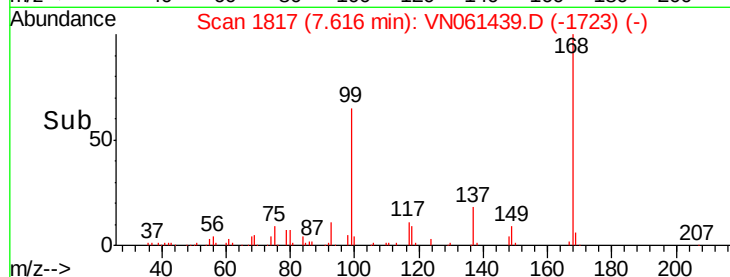
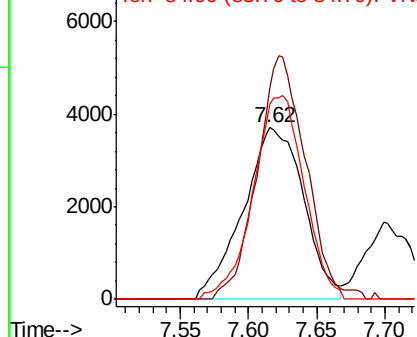
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 11450

Ion	Ratio	Lower	Upper
56	100		
69	123.2	27.8	41.6#
84	113.7	72.7	109.1#



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: 45.877 ug/l

RT: 7.99 min Scan# 1933

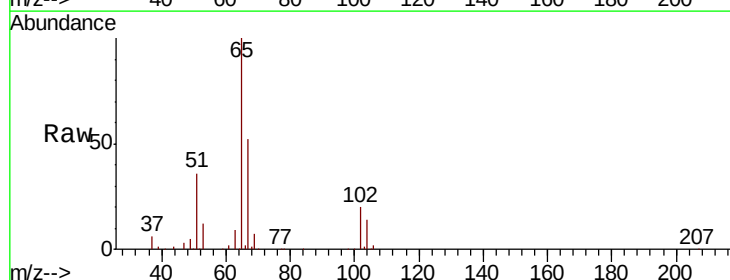
Delta R.T. 0.00 min

Lab File: VN061439.D

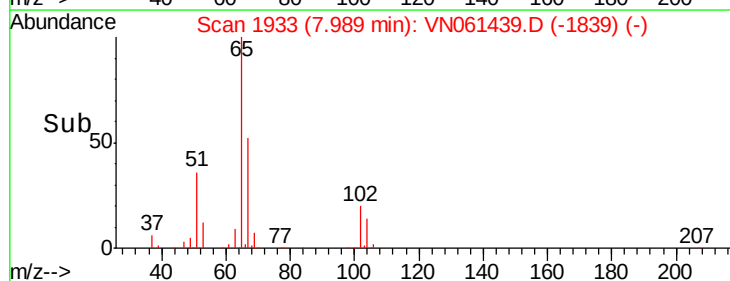
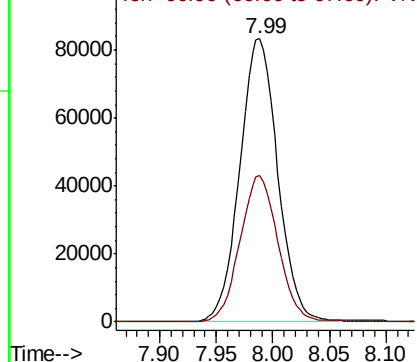
Acq: 18 May 2020 17:04

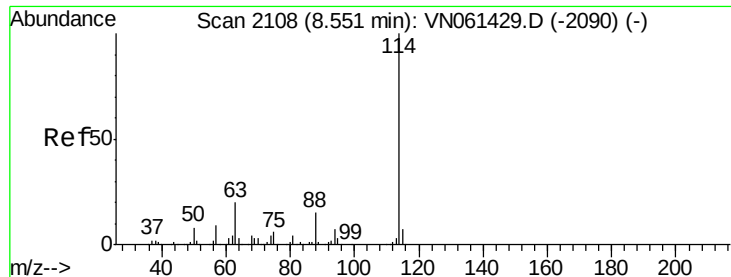
Tgt Ion: 65 Resp: 194639

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	101.4



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# 2108

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

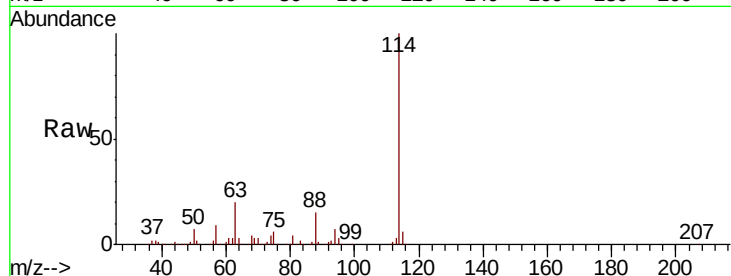
Tot Ion:114 Resp: 507602

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

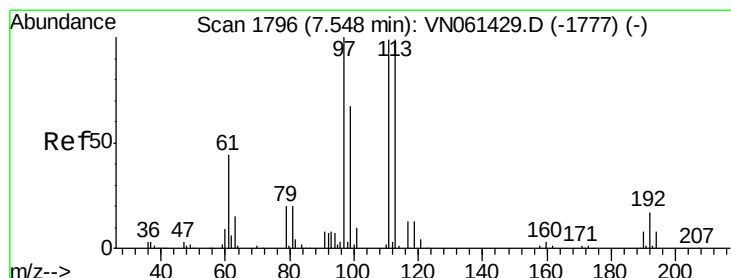
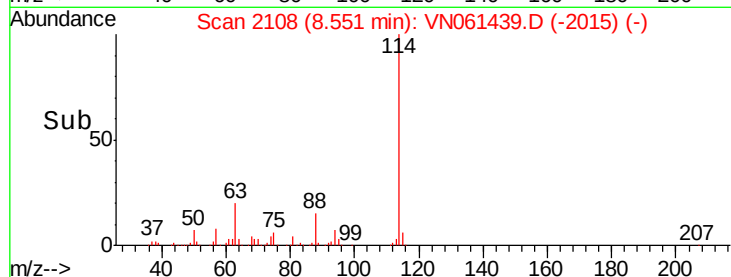
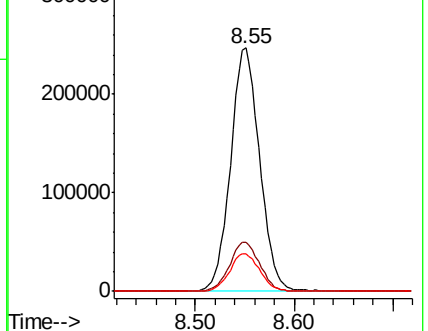
88 15.4 0.0 30.8



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: 54.971 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

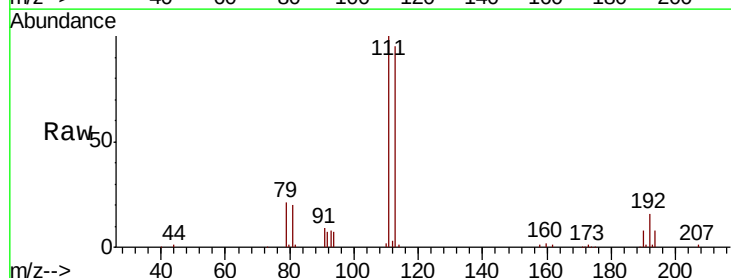
Tgt Ion:113 Resp: 146178

Ion Ratio Lower Upper

113 100

111 103.8 80.6 121.0

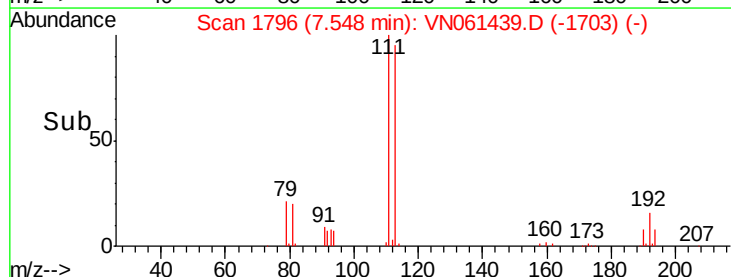
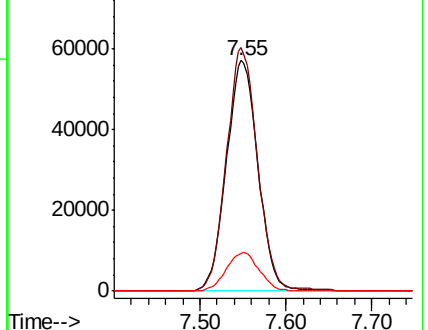
192 17.2 13.2 19.8

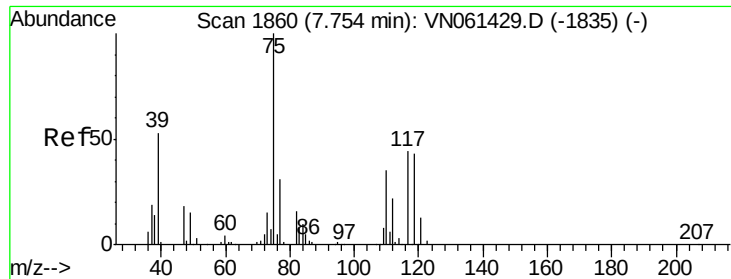


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

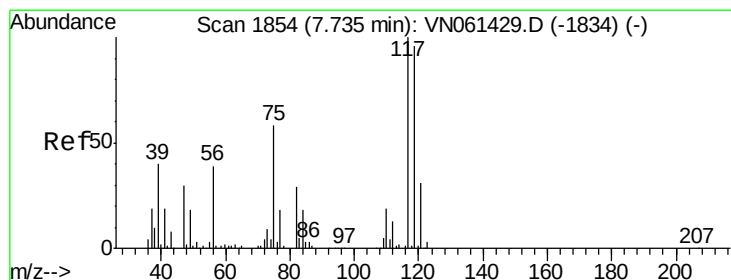
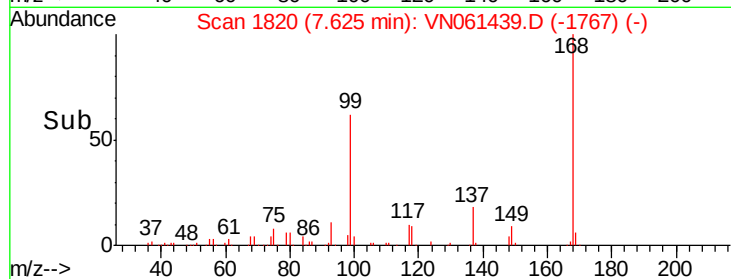
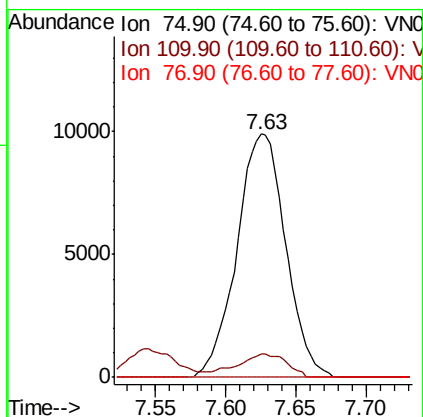
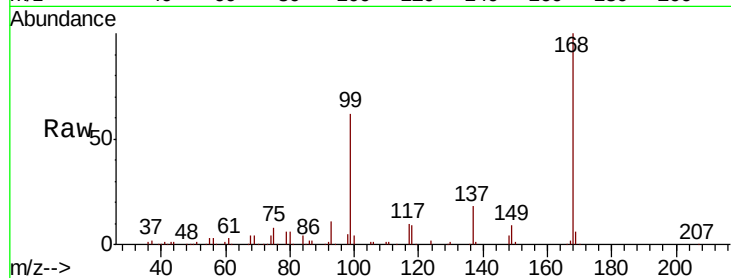




#36
 1,1-Dichloropropene
 Concen: 5.037 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061439.D
 Acq: 18 May 2020 17:04

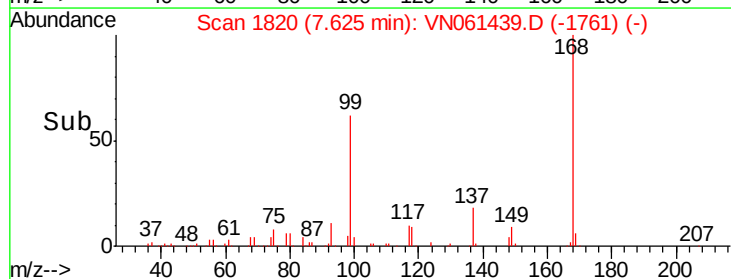
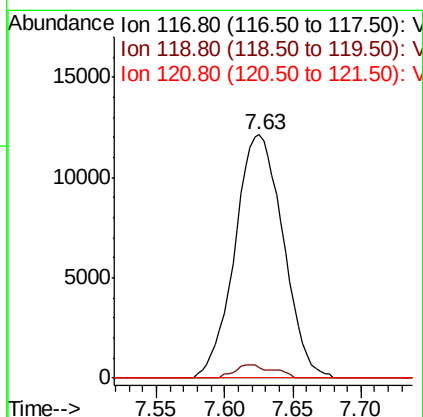
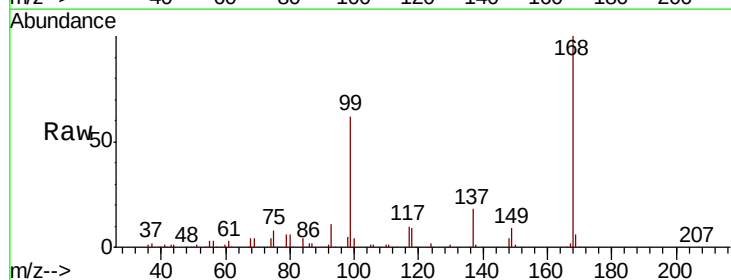
Instrument :
 MSVOA_N
 ClientSampled :

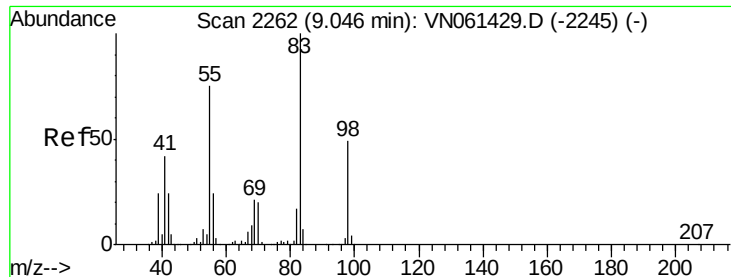
Tot Ion	75	Resp	23908
Ion Ratio	100	Lower	Upper
75	100		
110	9.6	17.3	51.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.817 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN061439.D
 Acq: 18 May 2020 17:04

Tgt Ion	117	Resp	29792
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.2	77.0	115.6#
121	0.0	24.7	37.1#

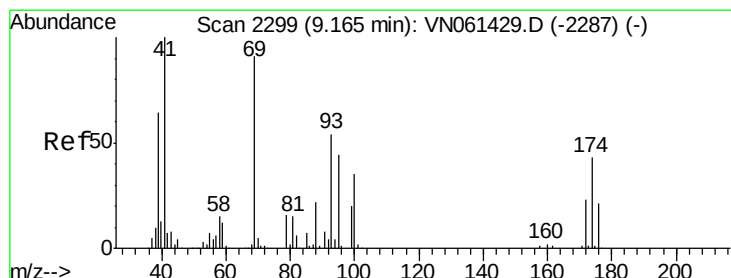
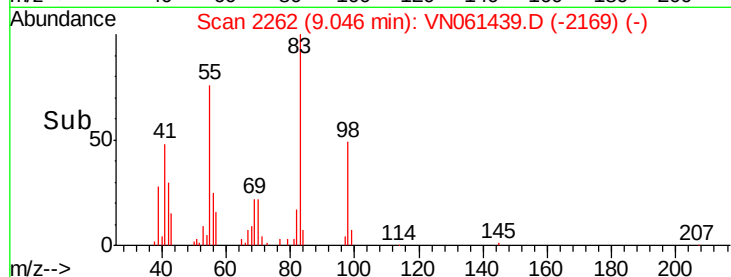
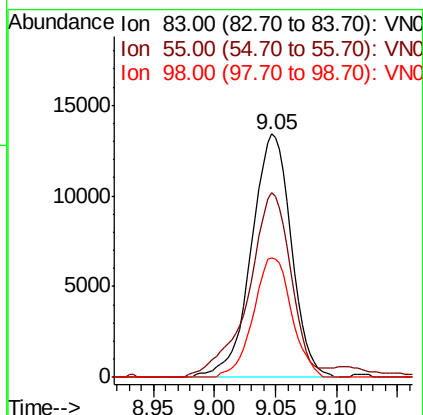
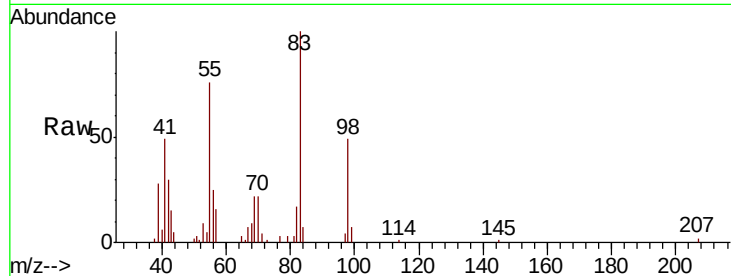




#39
Methylvlcyclohexane
Concen: 5.241 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061439.D
Acq: 18 May 2020 17:04

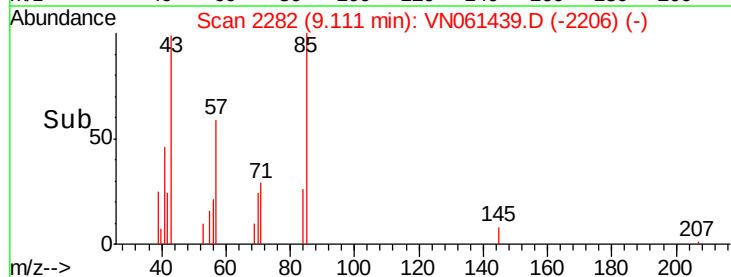
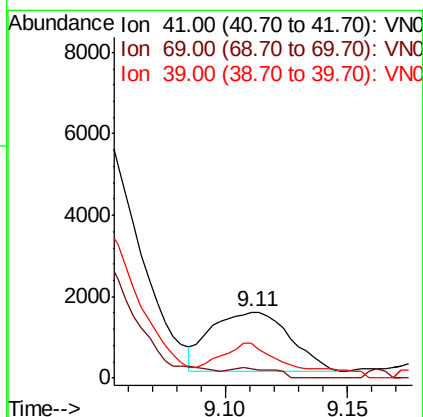
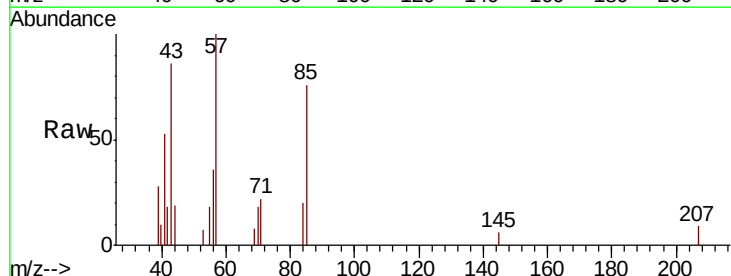
Instrument :
MSVOA_N
ClientSampleId :

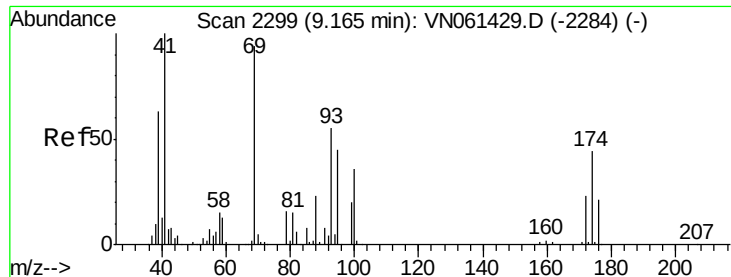
Tot Ion: 83 Resp: 30384
Ion Ratio Lower Upper
83 100
55 74.6 59.7 89.5
98 49.3 38.9 58.3



#48
Methyl methacrylate
Concen: 0.944 ug/l
RT: 9.11 min Scan# 2282
Delta R.T. -0.05 min
Lab File: VN061439.D
Acq: 18 May 2020 17:04

Tgt Ion: 41 Resp: 3273
Ion Ratio Lower Upper
41 100
69 10.2 75.3 112.9#
39 52.2 52.6 79.0#

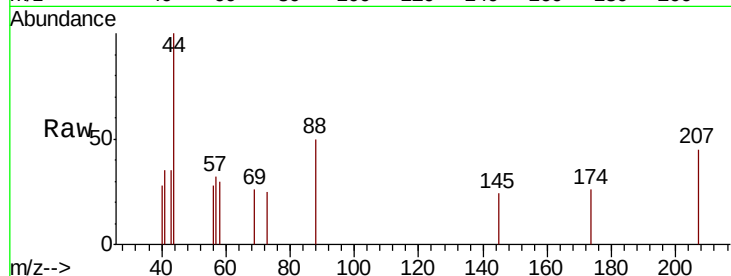




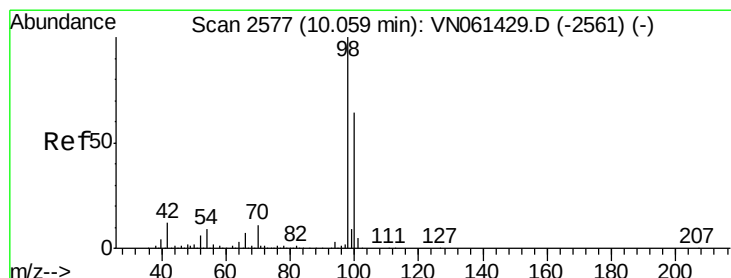
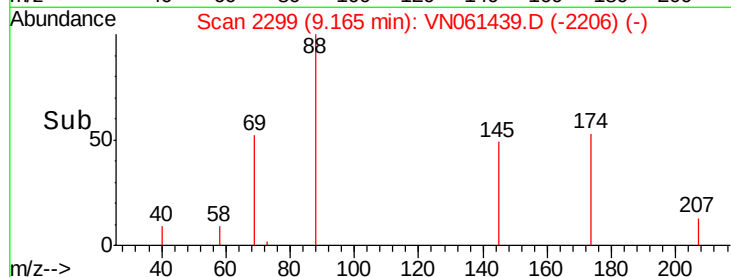
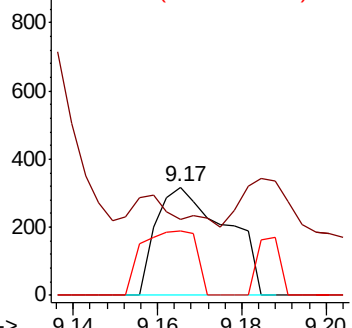
#49
1,4-Dioxane
Concen: Below Cal
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061439.D
Acq: 18 May 2020 17:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 368
Ion Ratio Lower Upper
88 100
43 0.0 26.3 39.5#
58 46.2 54.1 81.1#

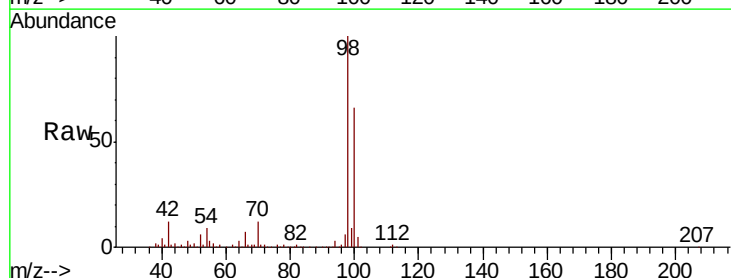


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

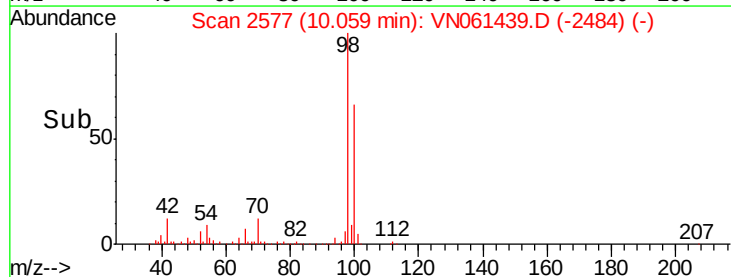
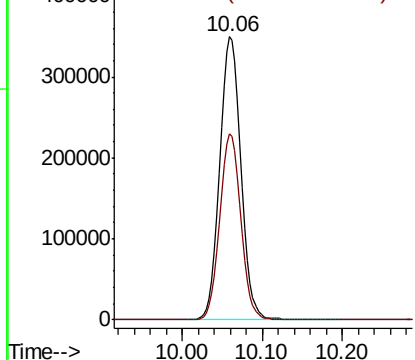


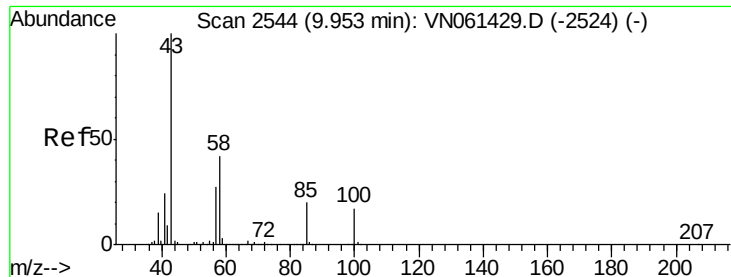
#50
Toluene-d8
Concen: 52.309 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061439.D
Acq: 18 May 2020 17:04

Tgt Ion: 98 Resp: 645181
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.301 ug/l

RT: 9.96 min Scan# 2546

Delta R.T. 0.01 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

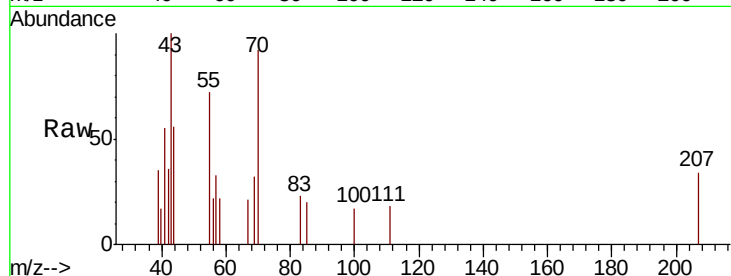
ClientSampled :

Tot Ion: 43 Resp: 1229

Ion Ratio Lower Upper

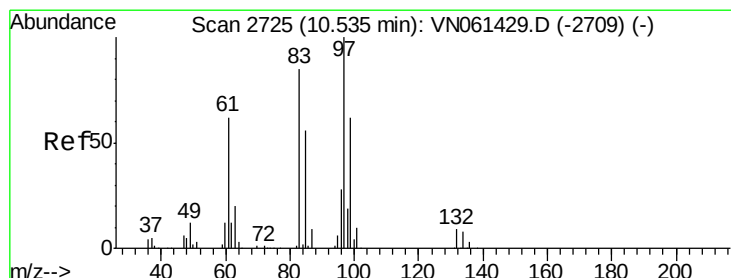
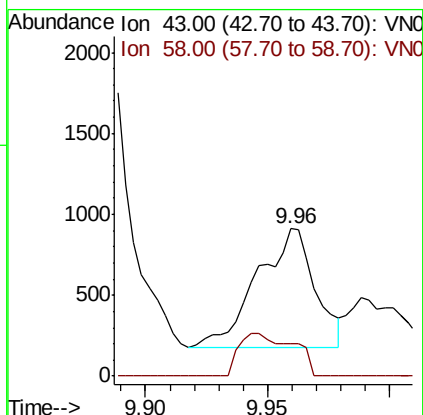
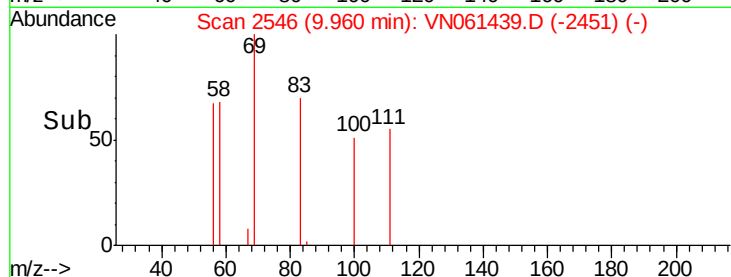
43 100

58 33.3 33.4 50.2#



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-2524) (-)

Ion 58.00 (57.70 to 58.70): VN061429.D (-2524) (-)



#55

1,1,2-Trichloroethane

Concen: 3.052 ug/l

RT: 10.50 min Scan# 2715

Delta R.T. -0.03 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Tgt Ion: 97 Resp: 10596

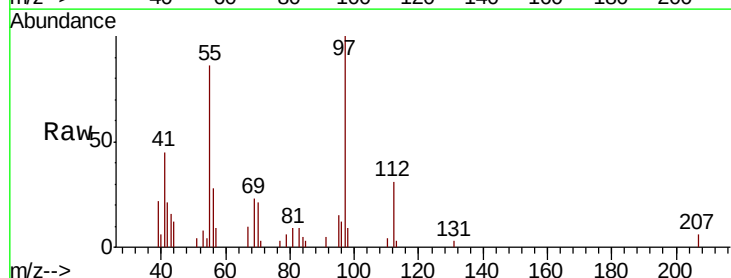
Ion Ratio Lower Upper

97 100

83 8.6 68.2 102.4#

85 3.0 44.6 67.0#

99 0.0 49.5 74.3#

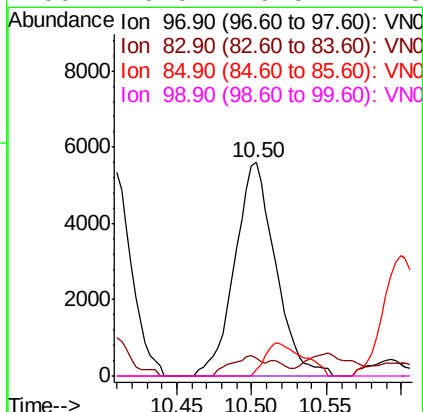
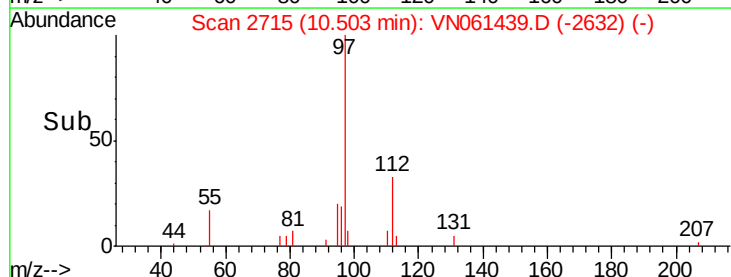


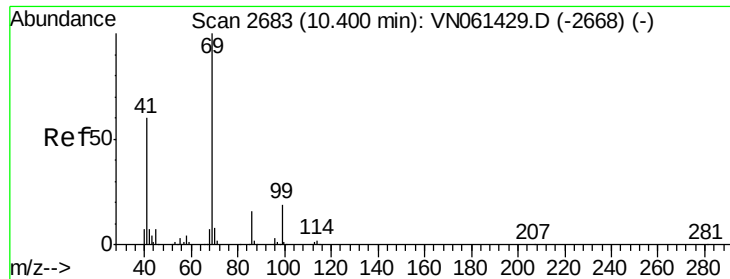
Abundance Ion 96.90 (96.60 to 97.60): VN061429.D (-2709) (-)

Ion 82.90 (82.60 to 83.60): VN061429.D (-2709) (-)

Ion 84.90 (84.60 to 85.60): VN061429.D (-2709) (-)

Ion 98.90 (98.60 to 99.60): VN061429.D (-2709) (-)





#56

Ethyl methacrylate

Concen: 0.657 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

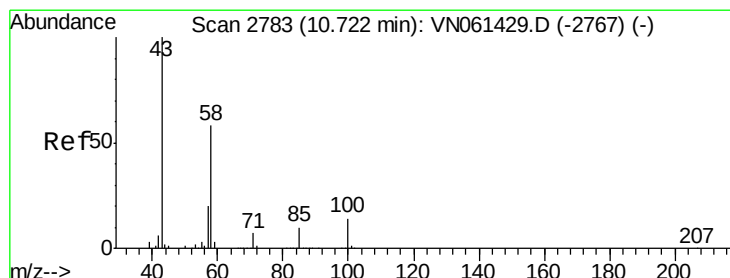
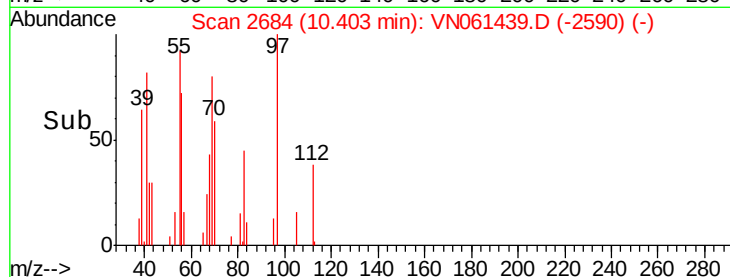
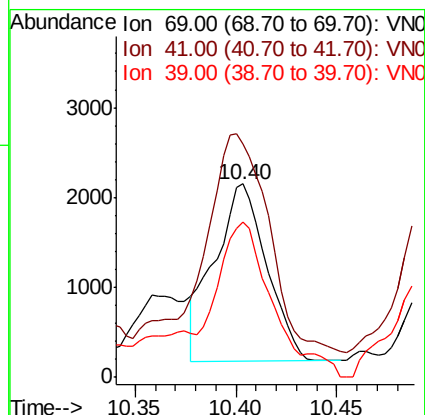
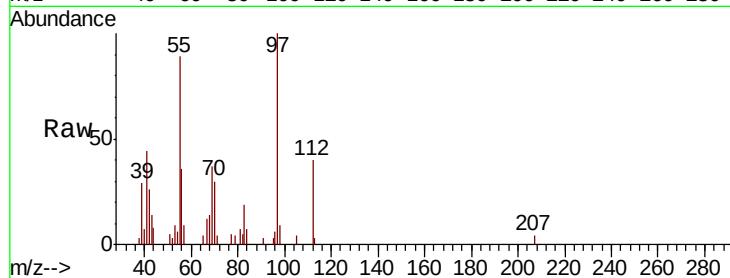
Tot Ion: 69 Resp: 3566

Ion Ratio Lower Upper

69 100

41 153.8 48.3 72.5#

39 92.4 30.2 45.2#



#59

2-Hexanone

Concen: 5.486 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.03 min

Lab File: VN061439.D

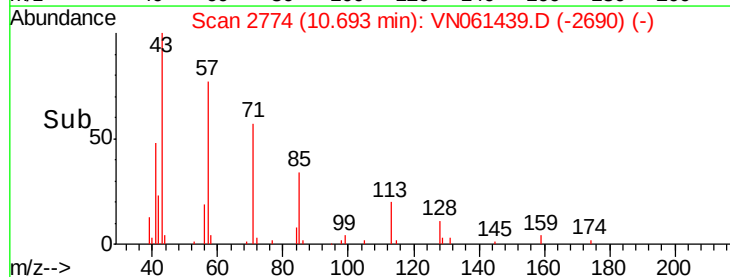
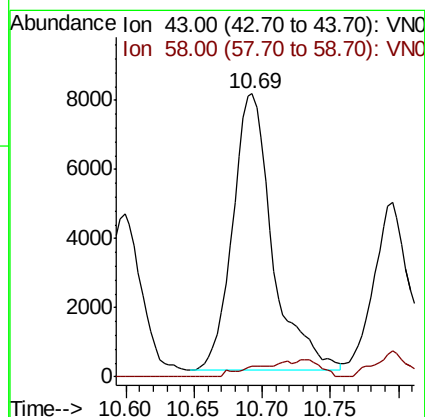
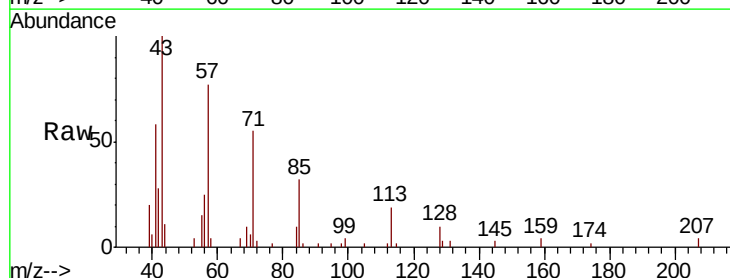
Acq: 18 May 2020 17:04

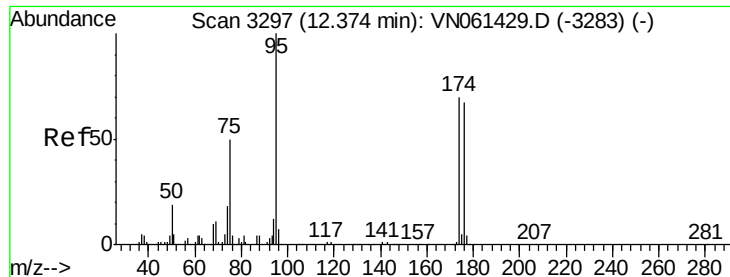
Tgt Ion: 43 Resp: 16233

Ion Ratio Lower Upper

43 100

58 2.9 29.2 87.6#

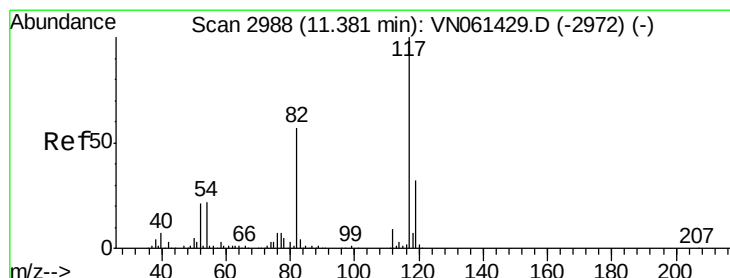
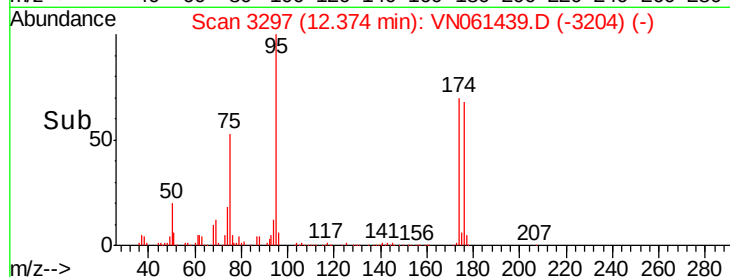
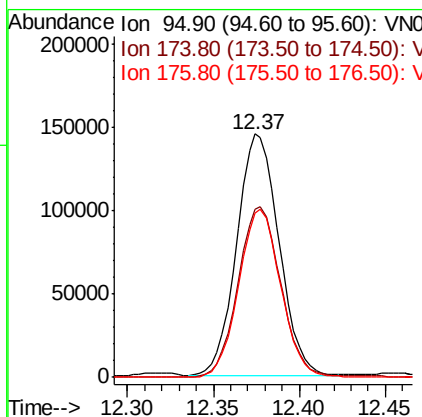
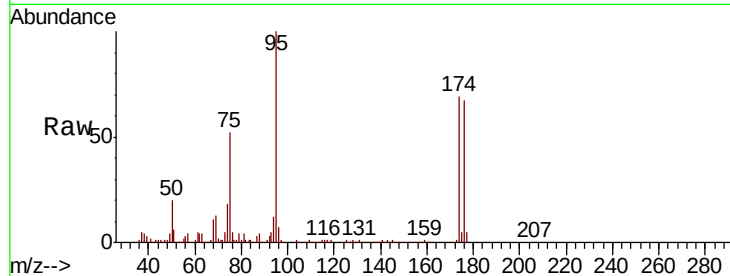




#62
 4-Bromofluorobenzene
 Concen: 53.629 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061439.D
 Acq: 18 May 2020 17:04

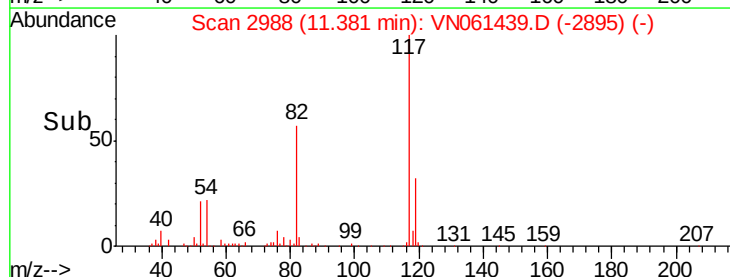
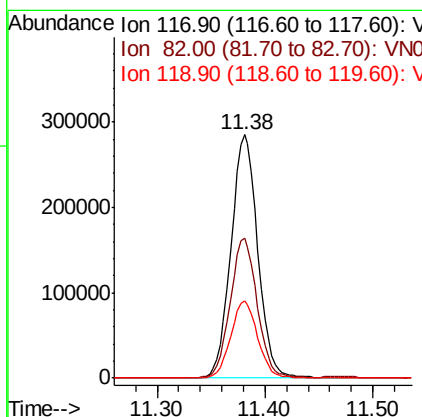
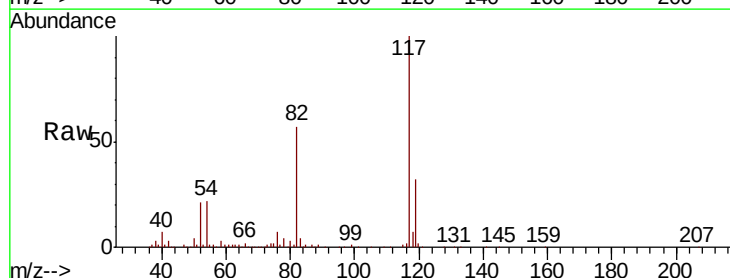
Instrument :
 MSVOA_N
 ClientSampleId :

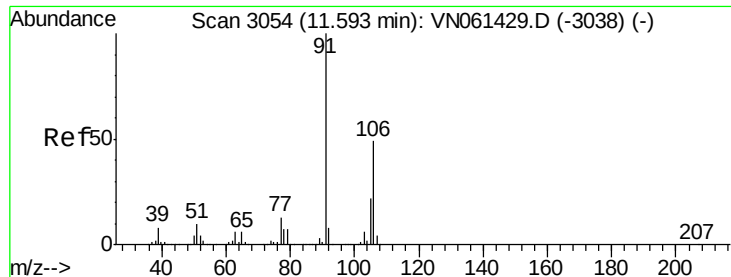
Tot Ion	95	Resp	247126
Ion Ratio	100		
Lower			
Upper			
174	71.0	0.0	141.2
176	69.5	0.0	137.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN061439.D
 Acq: 18 May 2020 17:04

Tgt Ion	117	Resp	494249
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	57.0	45.2	67.8
119	31.7	25.3	37.9





#68

m/p-Xvlenes

Concen: 0.228 ug/l

RT: 11.59 min Scan# 3053

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

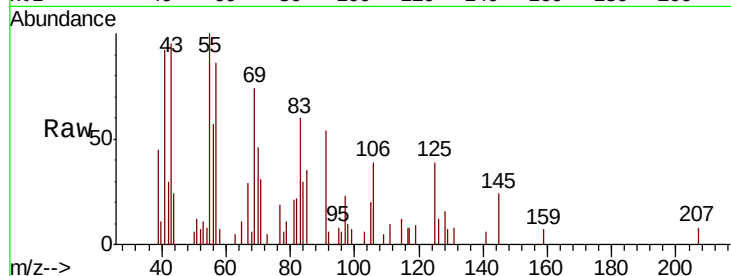
ClientSampleId :

Tot Ion:106 Resp: 1591

Ion Ratio Lower Upper

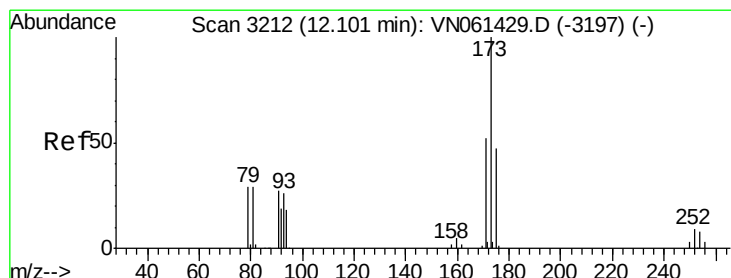
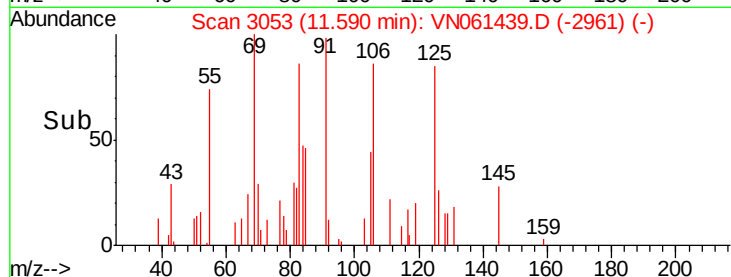
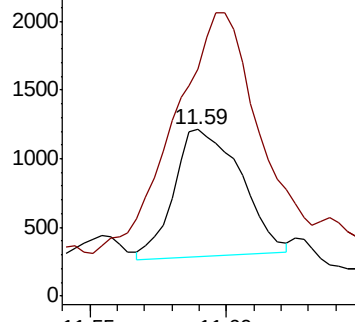
106 100

91 239.3 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 2.066 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

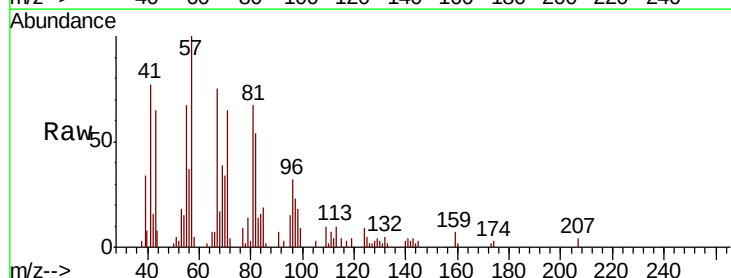
Tgt Ion:173 Resp: 135

Ion Ratio Lower Upper

173 100

175 0.0 23.9 71.8#

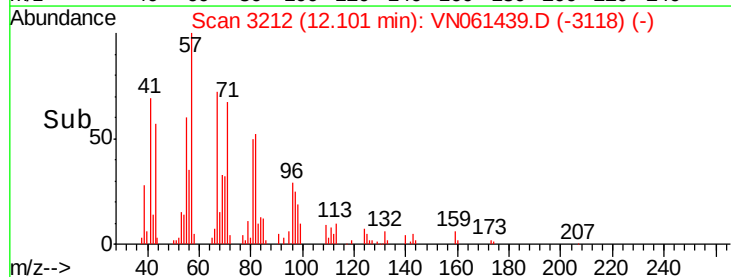
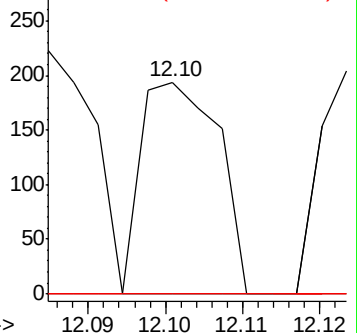
254 0.0 0.0 0.0

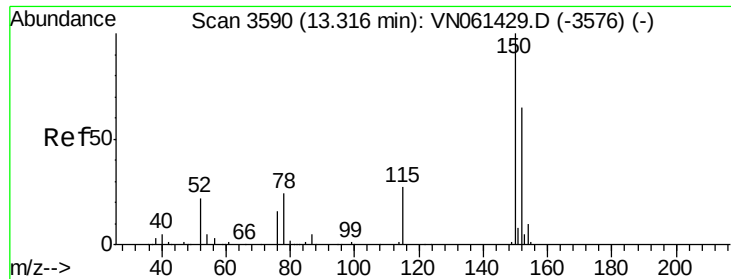


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

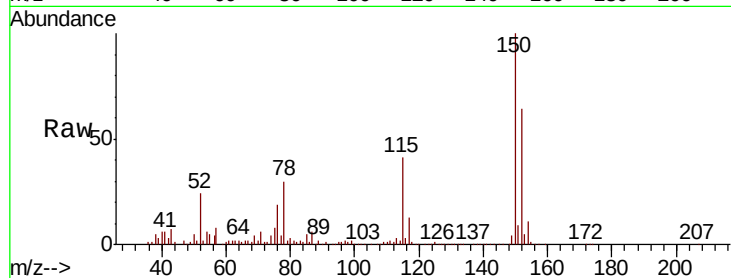




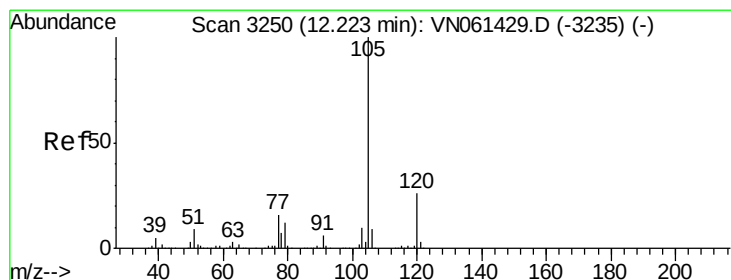
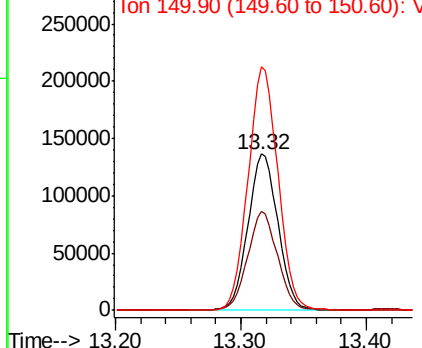
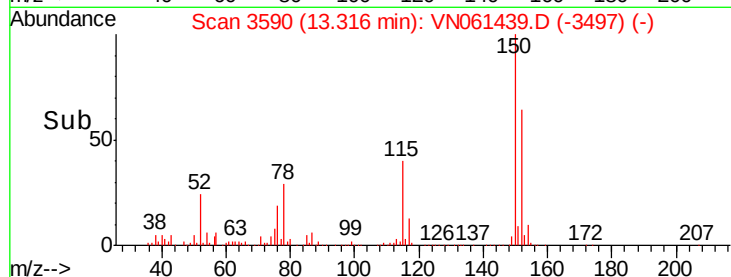
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3590
 Delta R.T. -0.00 min
 Lab File: VN061439.D
 Acq: 18 May 2020 17:04

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:152 Resp: 228231
 Ion Ratio Lower Upper
 152 100
 115 62.0 30.9 92.5
 150 155.0 0.0 349.2

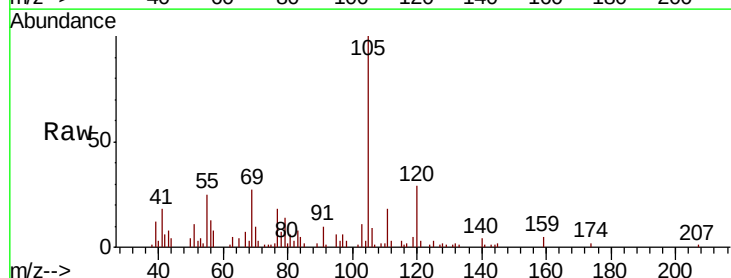


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

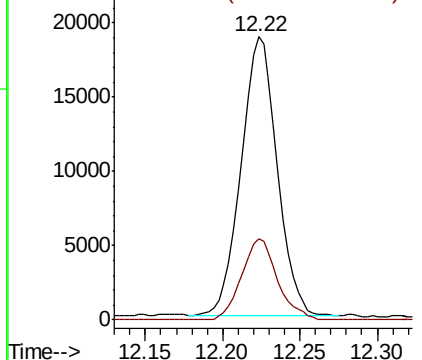
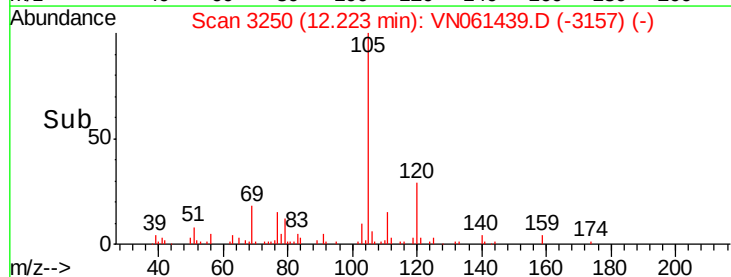


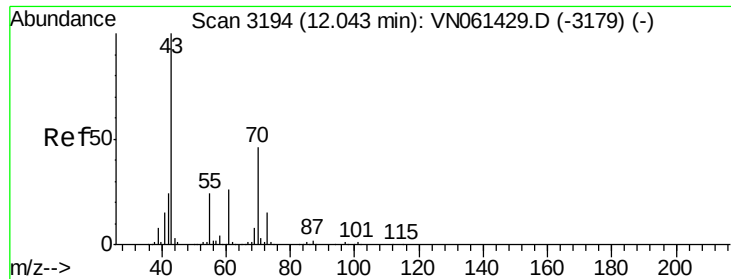
#73
 Isopropylbenzene
 Concen: 1.659 ug/l
 RT: 12.22 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VN061439.D
 Acq: 18 May 2020 17:04

Tgt Ion:105 Resp: 30405
 Ion Ratio Lower Upper
 105 100
 120 28.9 13.0 39.0



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





#74

N-amvl acetate

Concen: 3.018 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.02 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 20242

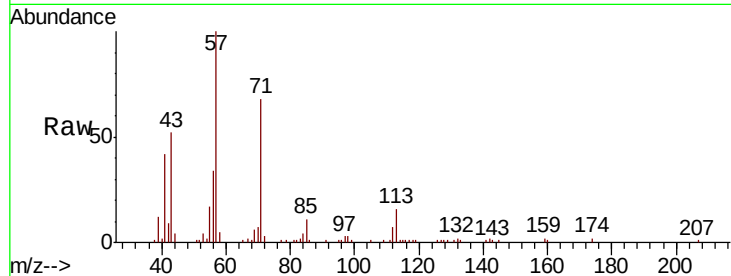
Ion Ratio Lower Upper

43 100

70 7.8 37.0 55.4#

55 15.2 19.5 29.3#

61 0.0 20.8 31.2#

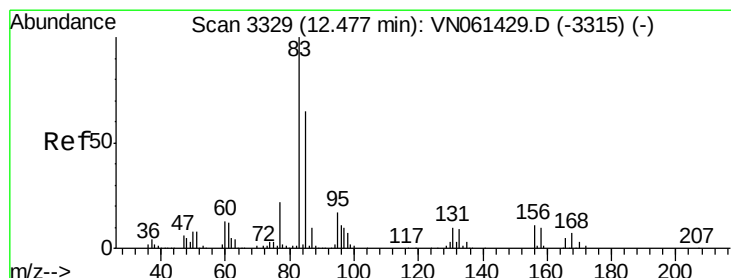
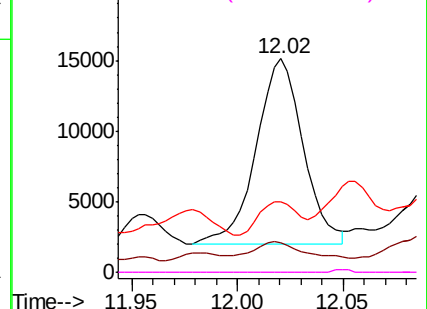
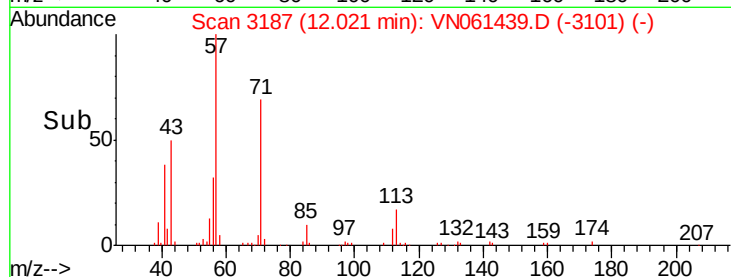


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.417 ug/l

RT: 12.43 min Scan# 3313

Delta R.T. -0.05 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

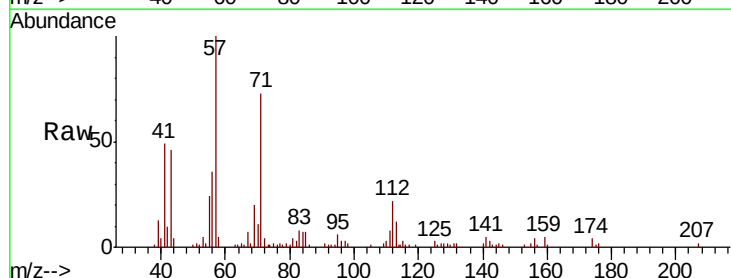
Tgt Ion: 83 Resp: 2102

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

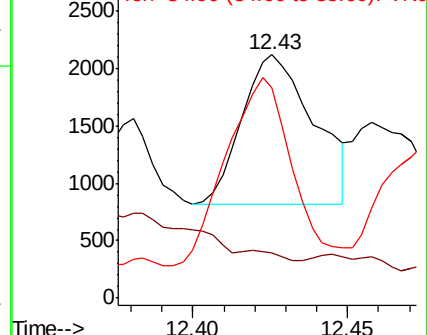
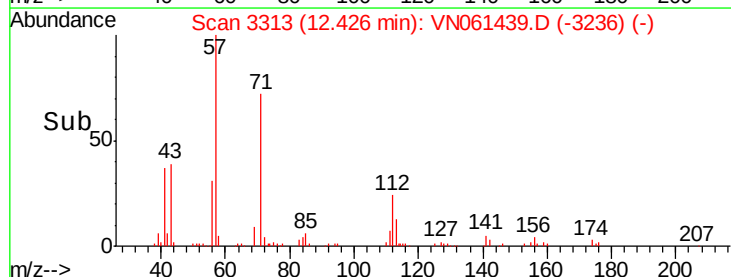
85 116.8 32.1 96.5#

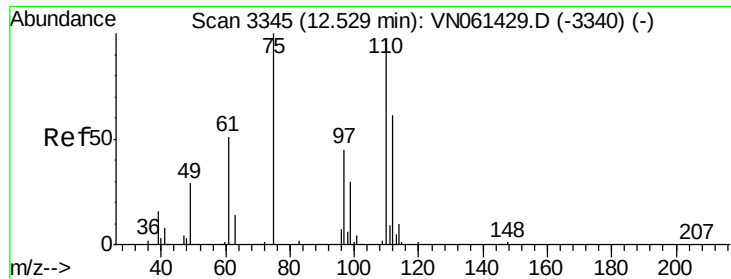


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

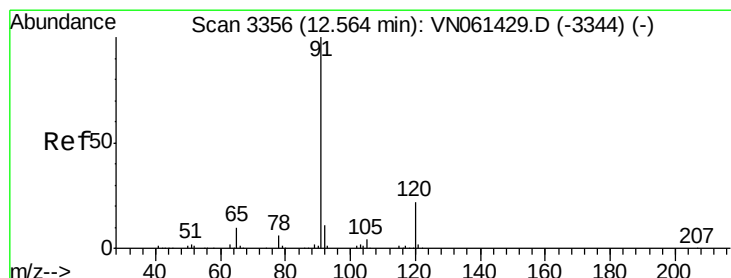
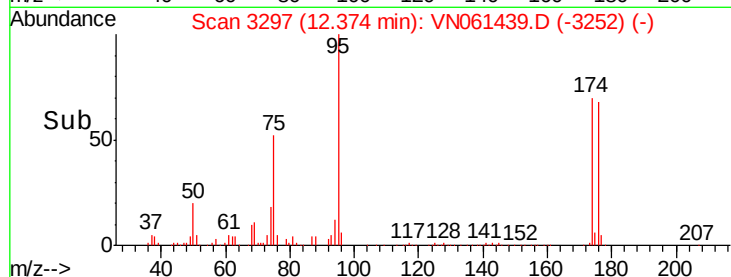
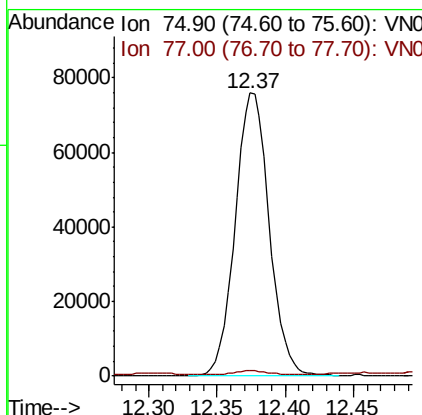
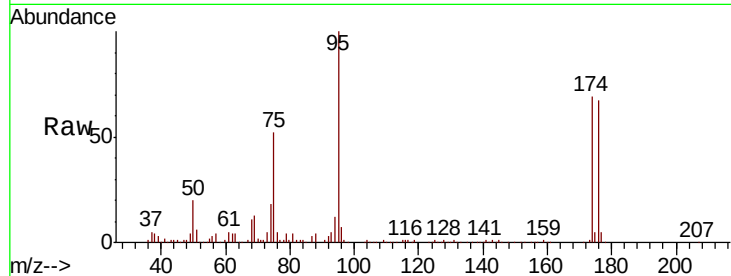




#76
 1,2,3-Trichloropropane
 Concen: 26.951 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.15 min
 Lab File: VN061439.D
 Acq: 18 May 2020 17:04

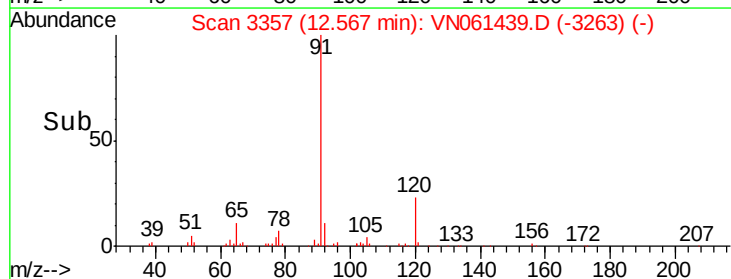
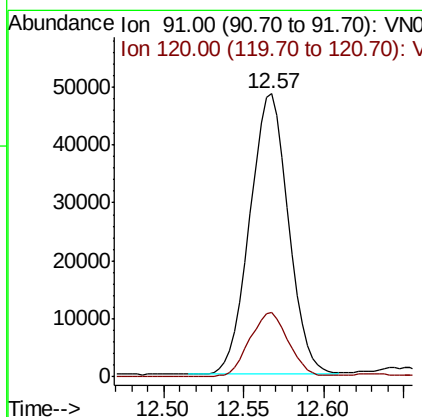
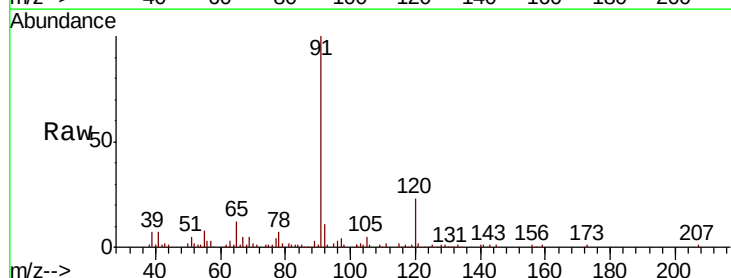
Instrument :
 MSVOA_N
 ClientSampleId :

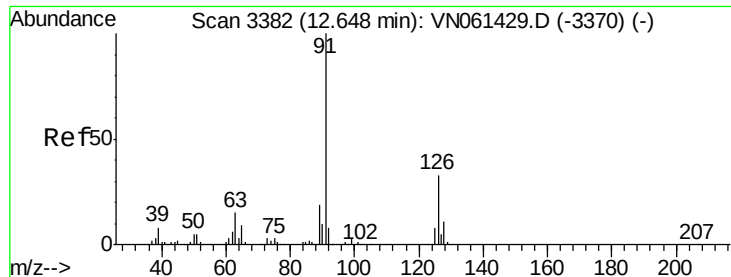
Tot Ion: 75 Resp: 131987
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#78
 n-propylbenzene
 Concen: 3.835 ug/l
 RT: 12.57 min Scan# 3357
 Delta R.T. 0.00 min
 Lab File: VN061439.D
 Acq: 18 May 2020 17:04

Tgt Ion: 91 Resp: 80067
 Ion Ratio Lower Upper
 91 100
 120 23.4 11.2 33.6





#79

2-Chlorotoluene

Concen: 0.204 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.10 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

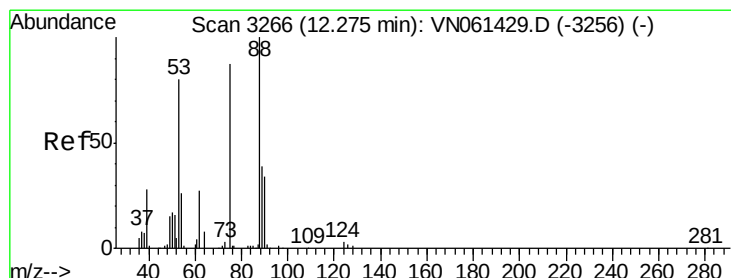
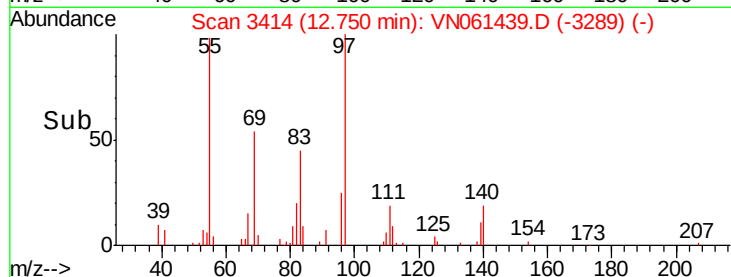
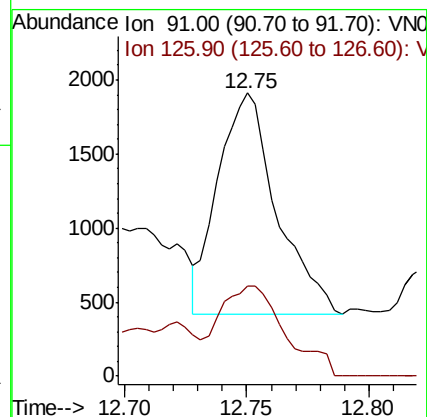
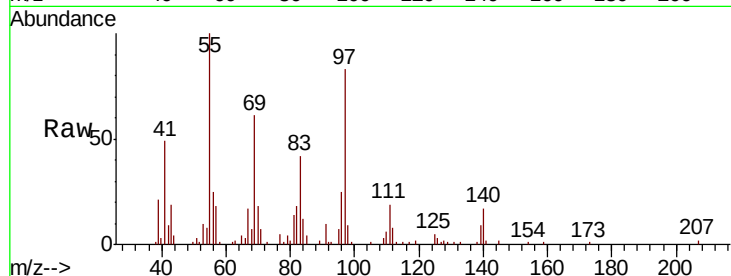
ClientSampled :

Tot Ion: 91 Resp: 2515

Ion Ratio Lower Upper

91 100

126 45.6 16.3 48.9



#81

trans-1,4-Dichloro-2-butene

Concen: 71.495 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.10 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

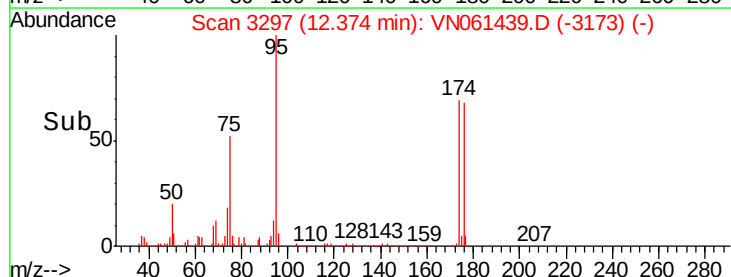
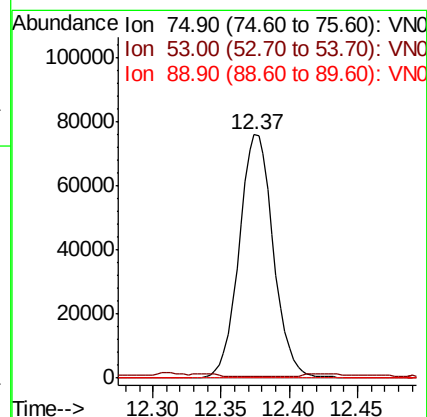
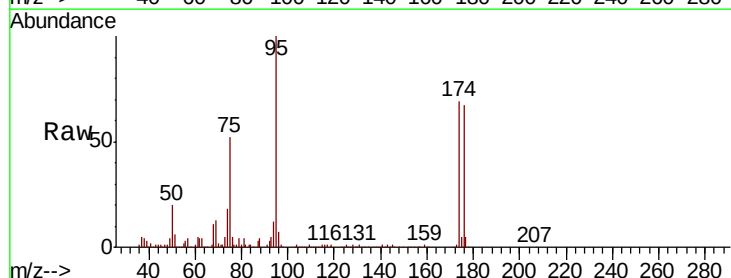
Tgt Ion: 75 Resp: 131987

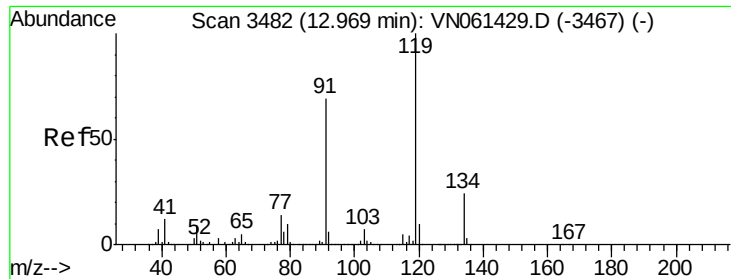
Ion Ratio Lower Upper

75 100

53 0.1 75.2 112.8#

89 0.0 38.2 57.4#

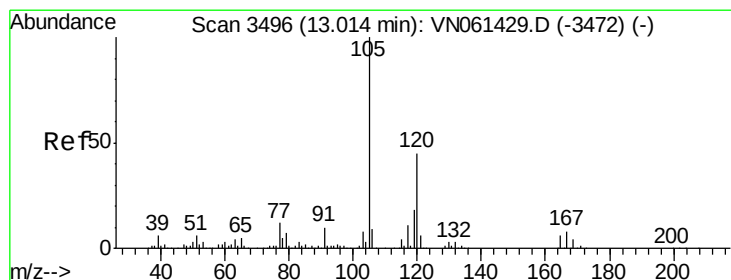
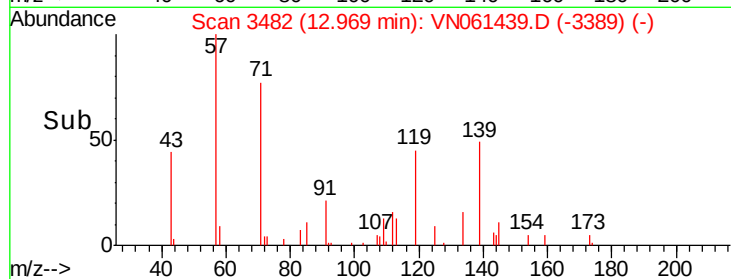
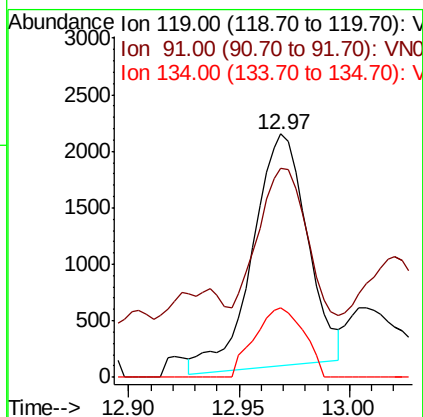
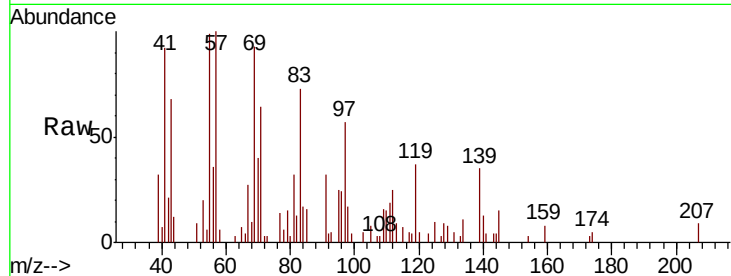




#83
 tert-Butylbenzene
 Concen: 0.275 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061439.D
 Acq: 18 May 2020 17:04

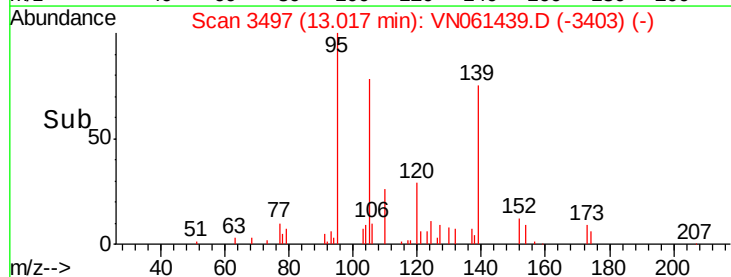
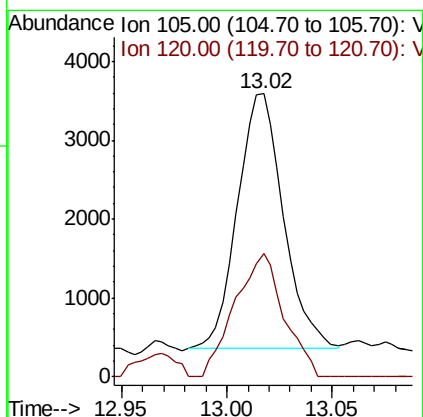
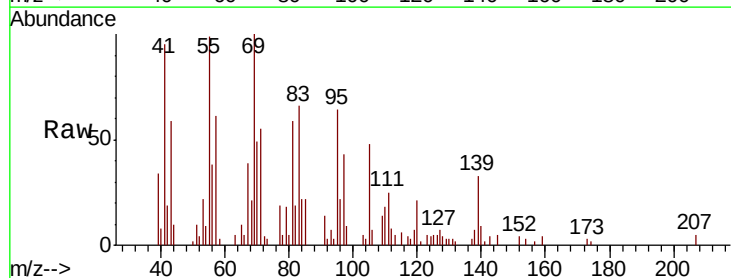
Instrument :
 MSVOA_N
 ClientSampled :

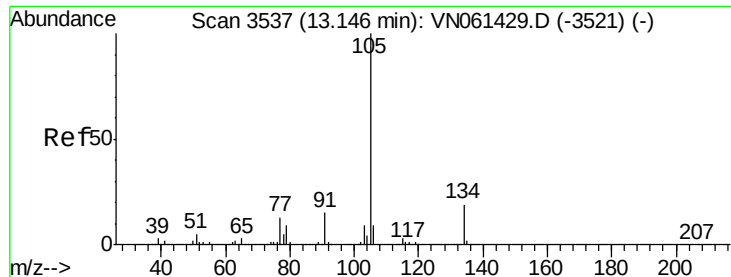
Tot Ion:119 Resp: 3538
 Ion Ratio Lower Upper
 119 100
 91 54.1 33.7 101.0
 134 26.9 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 0.326 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN061439.D
 Acq: 18 May 2020 17:04

Tgt Ion:105 Resp: 4889
 Ion Ratio Lower Upper
 105 100
 120 51.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 4.036 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

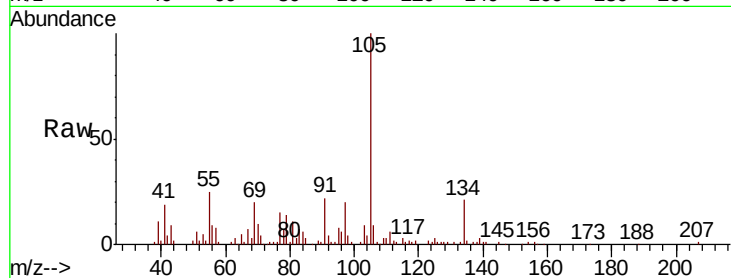
ClientSampleId :

Tot Ion:105 Resp: 70139

Ion Ratio Lower Upper

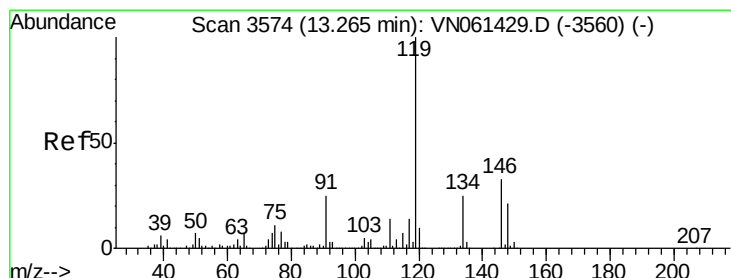
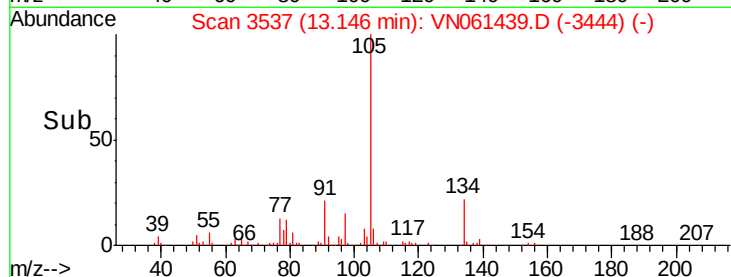
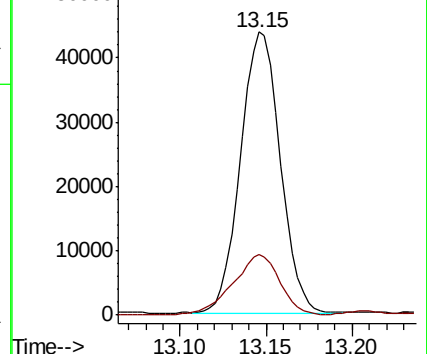
105 100

134 25.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.408 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

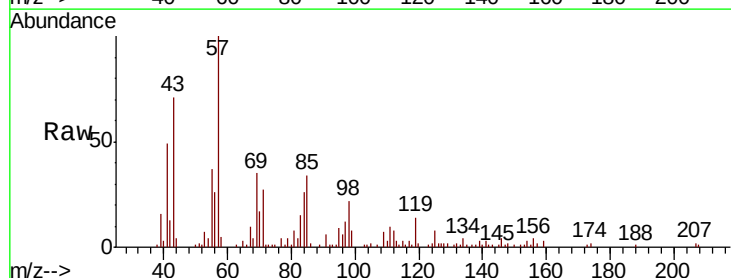
Tgt Ion:119 Resp: 6290

Ion Ratio Lower Upper

119 100

134 28.6 12.7 38.1

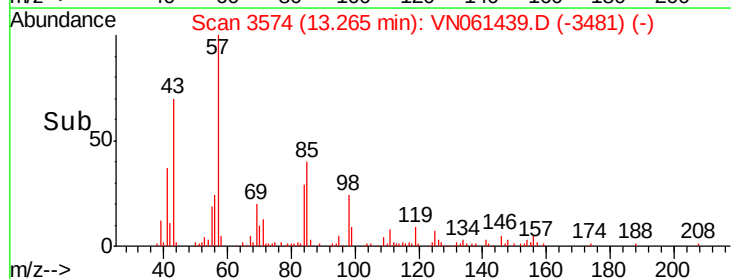
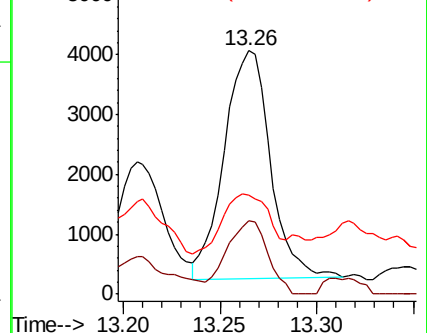
91 26.3 12.6 37.6

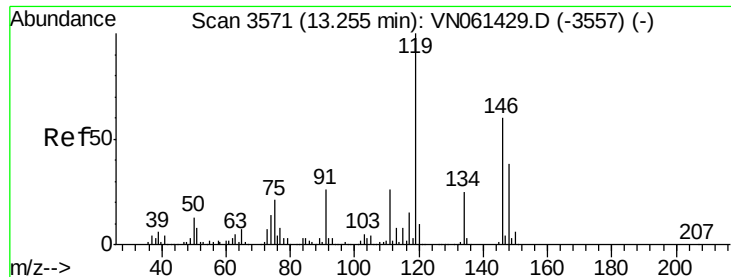


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

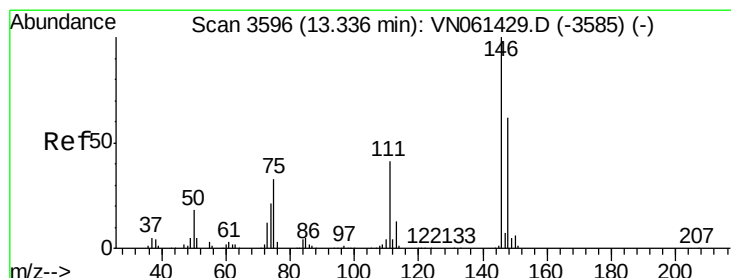
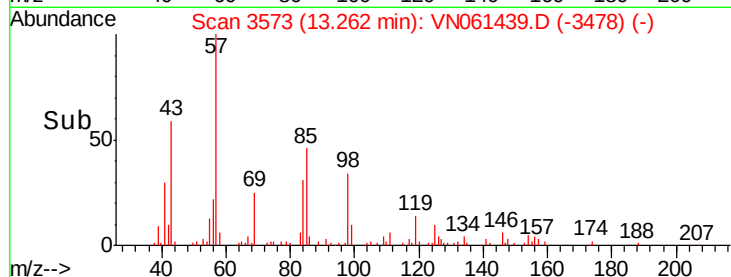
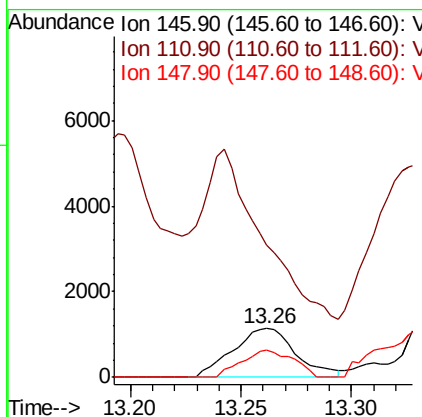
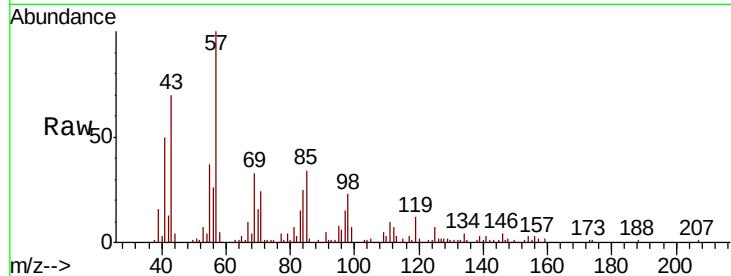




#87
 1,3-Dichlorobenzene
 Concen: 0.309 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. 0.01 min
 Lab File: VN061439.D
 Acq: 18 May 2020 17:04

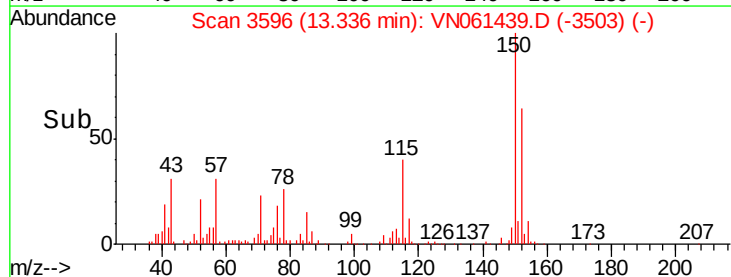
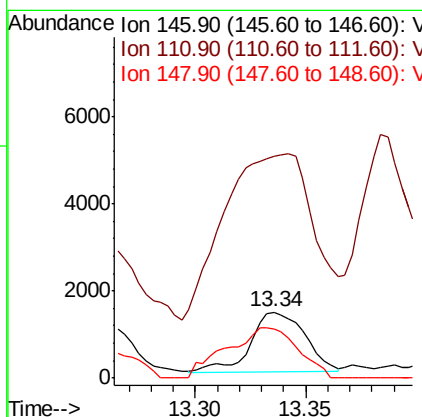
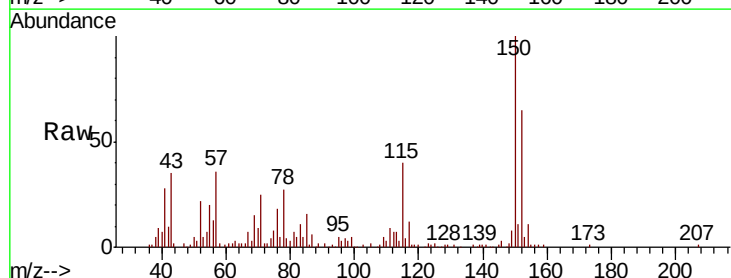
Instrument :
 MSVOA_N
 ClientSampleId :

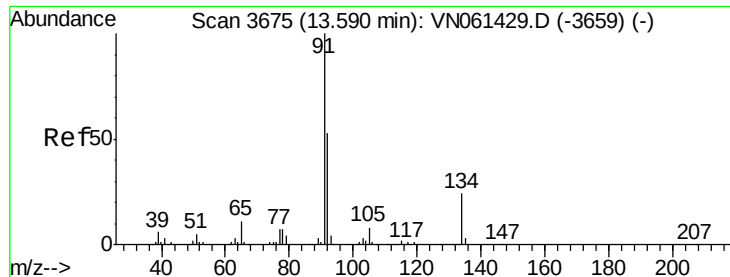
Tot Ion:146 Resp: 2252
 Ion Ratio Lower Upper
 146 100
 111 323.2 21.5 64.5#
 148 45.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.327 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061439.D
 Acq: 18 May 2020 17:04

Tgt Ion:146 Resp: 2383
 Ion Ratio Lower Upper
 146 100
 111 443.7 20.8 62.5#
 148 108.7 31.6 94.8#





#89

n-Butylbenzene

Concen: 5.303 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

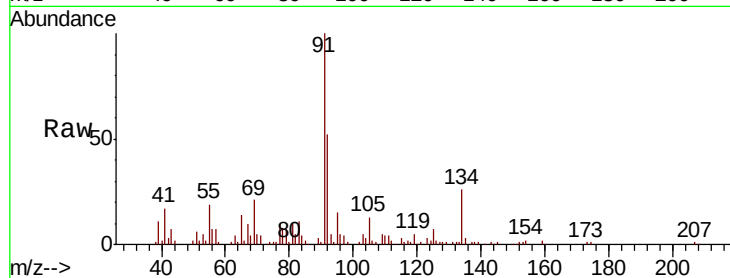
Tot Ion: 91 Resp: 74338

Ion Ratio Lower Upper

91 100

92 48.5 26.8 80.3

134 40.9 12.4 37.4#

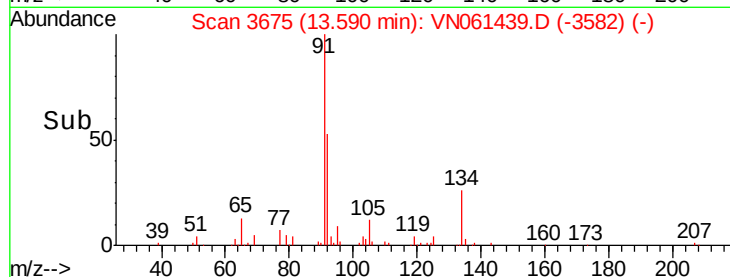


Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3659) (-)

Ion 92.00 (91.70 to 92.70): VN061429.D (-3659) (-)

Ion 134.00 (133.70 to 134.70): VN061429.D (-3659) (-)

Time-->

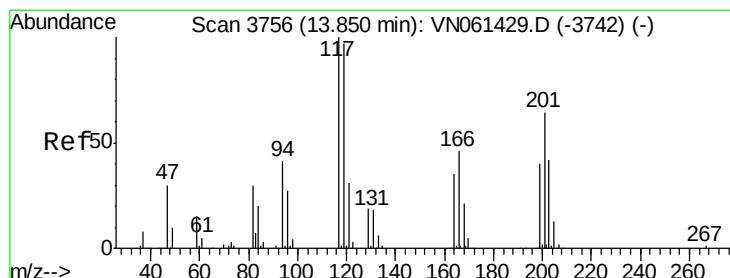


Abundance Ion 91.00 (90.70 to 91.70): VN061439.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN061439.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN061439.D (-3582) (-)

Time-->



#90

Hexachloroethane

Concen: 9.811 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN061439.D

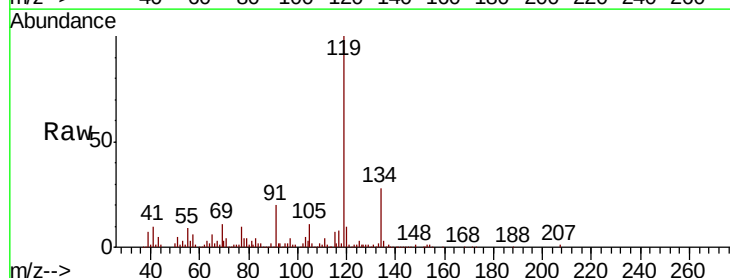
Acq: 18 May 2020 17:04

Tgt Ion: 117 Resp: 20516

Ion Ratio Lower Upper

117 100

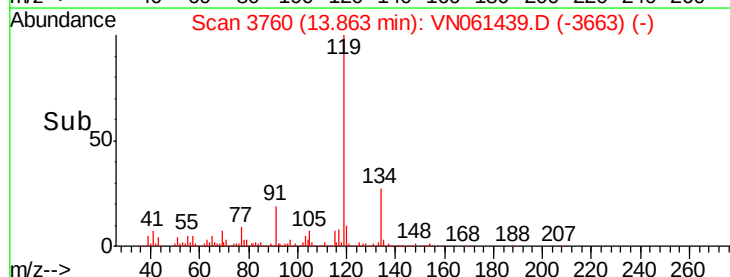
201 0.0 32.9 98.7#



Abundance Ion 116.80 (116.50 to 117.50): VN061429.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061429.D (-3742) (-)

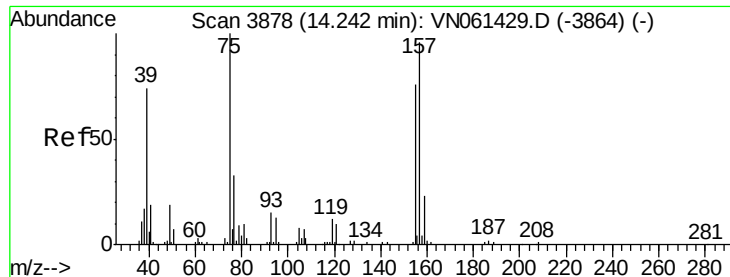
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN061439.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN061439.D (-3663) (-)

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.210 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.02 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

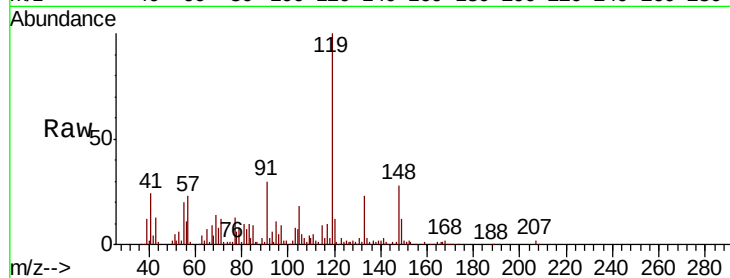
Tot Ion: 75 Resp: 1232

Ion Ratio Lower Upper

75 100

155 5.0 38.9 116.7#

157 8.2 48.6 145.8#



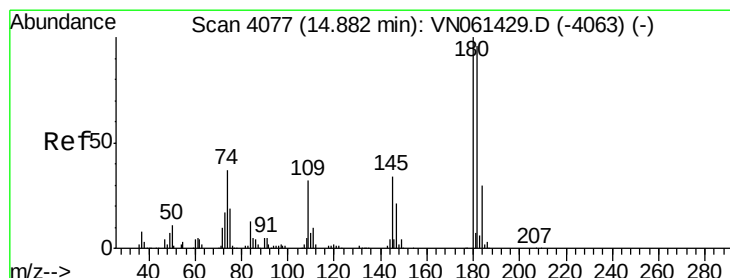
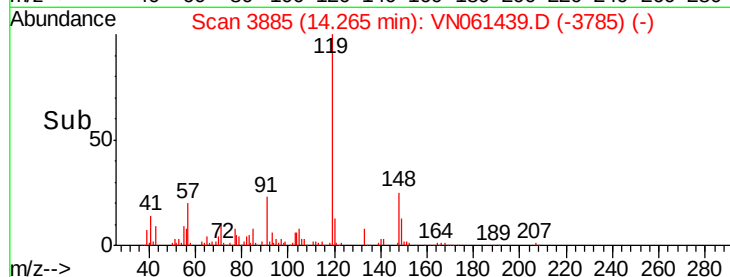
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.26

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.039 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

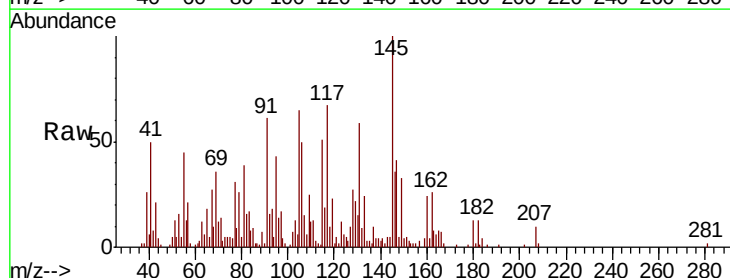
Tgt Ion: 180 Resp: 3933

Ion Ratio Lower Upper

180 100

182 98.4 47.0 141.0

145 1021.6 16.7 50.0#



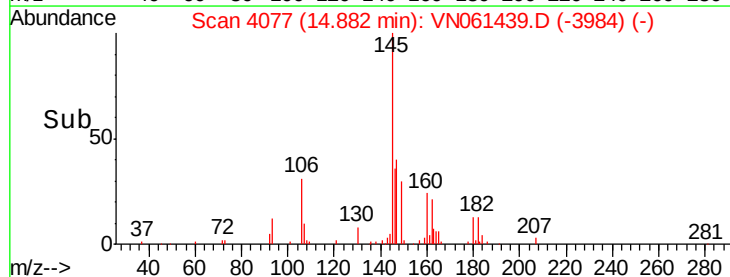
Abundance Ion 179.80 (179.50 to 180.50): V

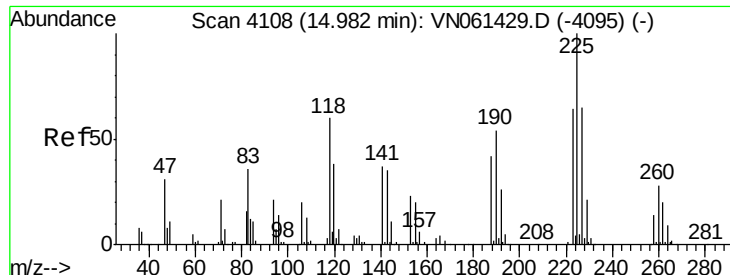
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

14.88

Time-->





#94

Hexachlorobutadiene

Concen: 0.892 ug/l

RT: 14.98 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VN061439.D

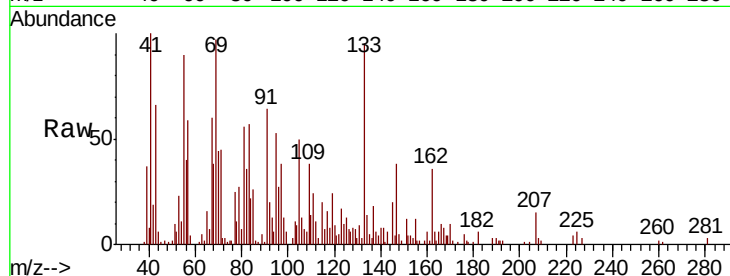
Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	225	Resp:	1500
Ion	Ratio	Lower	Upper
225	100		
223	50.8	31.9	95.7
227	43.3	31.5	94.5

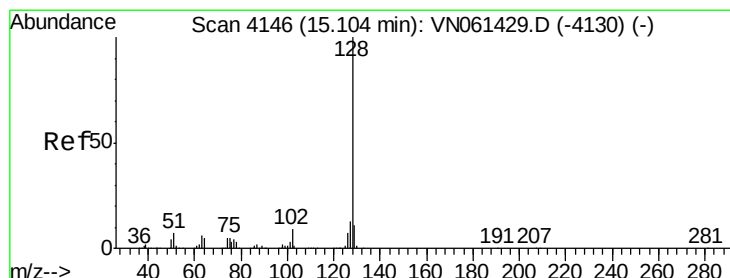
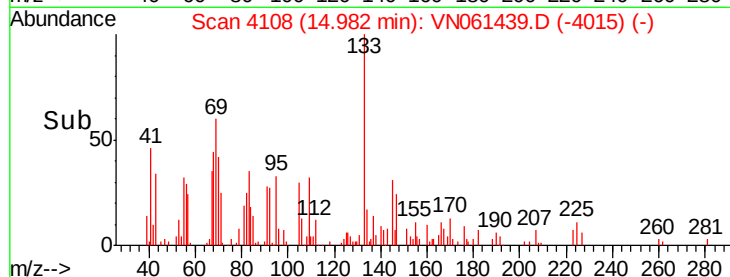
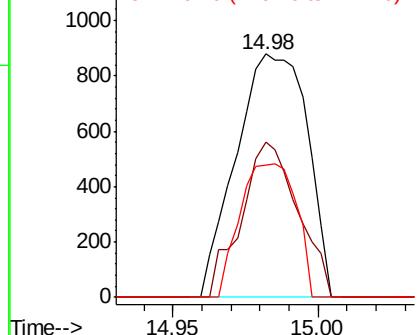


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 24.138 ug/l

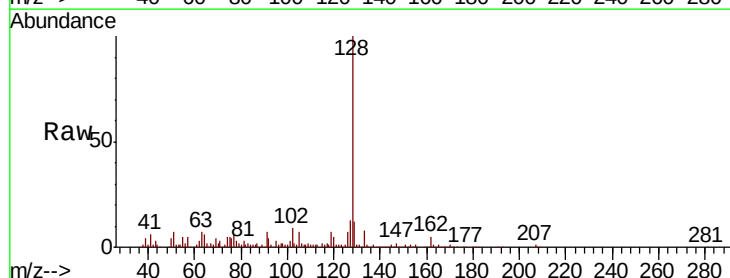
RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Tgt Ion:	128	Resp:	290449
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	12.0	8.6	13.0

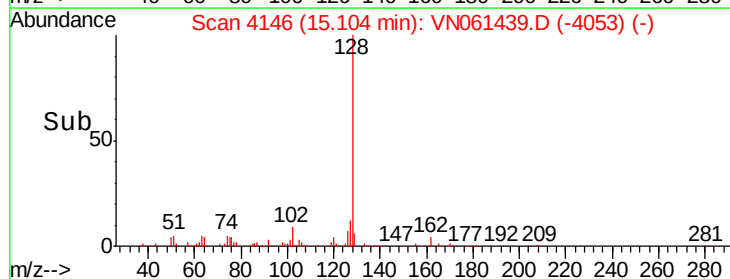
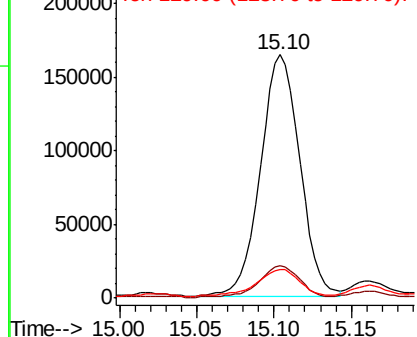


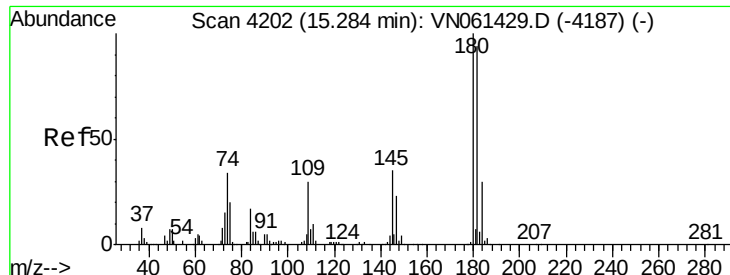
Abundance

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





#96

1,2,3-Trichlorobenzene

Concen: 0.635 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061439.D

Acq: 18 May 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

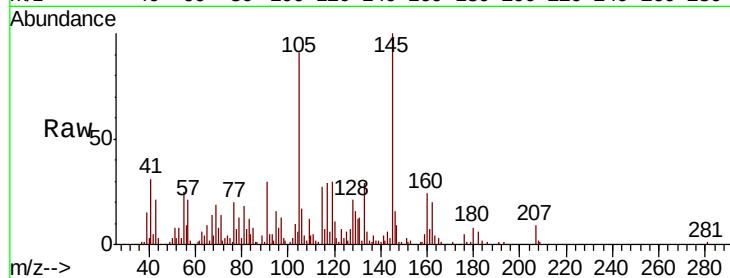
Tot Ion:180 Resp: 2391

Ion Ratio Lower Upper

180 100

182 127.7 47.8 143.3

145 1833.8 17.3 51.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

