

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061485.D
 Acq On : 19 May 2020 15:56
 Operator : JC/MD
 Sample : L2663-09
 Misc : 1.0µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1364

Quant Time: May 20 02:56:19 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	7.62	168	313719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	555604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	528878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	289731	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	196588	41.99	ug/l	0.00
Spiked Amount			Recovery	=	83.98%	
35) Dibromofluoromethane	7.54	113	143199	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
50) Toluene-d8	10.06	98	672041	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.38	95	271292	53.79	ug/l	0.00
Spiked Amount			Recovery	=	107.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.02	50	1304	0.306	ug/l #	76
5) Bromomethane	2.53	94	31	Below Cal	#	49
10) Methyl Iodide	3.89	142	2859	0.766	ug/l #	88
16) Acetone	3.78	43	45018	27.395	ug/l	98
17) Carbon Disulfide	3.99	76	729	Below Cal	#	75
18) Methyl Acetate	4.28	43	2073	Below Cal		91
25) 2-Butanone	6.80	43	483	0.227	ug/l #	46
29) Tetrahydrofuran	7.18	42	1738	1.231	ug/l #	74
31) Cyclohexane	7.62	56	6786	Below Cal	#	1
36) 1,1-Dichloropropene	7.62	75	24292	4.676	ug/l #	51
37) Ethyl Acetate	6.89	43	3680	0.781	ug/l #	84
38) Carbon Tetrachloride	7.62	117	32620	6.819	ug/l #	15
39) Methylcyclohexane	9.05	83	1828	0.288	ug/l #	82
41) Methacrylonitrile	7.12	41	415	0.209	ug/l #	15
47) Bromodichloromethane	9.36	83	1258	0.217	ug/l #	27
51) 4-Methyl-2-Pentanone	9.95	43	15735	3.515	ug/l	96
52) Toluene	10.12	92	6514	0.648	ug/l	89
67) Ethyl Benzene	11.48	91	18610	0.945	ug/l #	86
68) m/p-Xylenes	11.59	106	37209	4.979	ug/l	100
69) o-Xylene	11.92	106	37409	5.173	ug/l	96
70) Styrene	11.92	104	3079	0.257	ug/l #	1
71) Bromoform	12.02	173	535	2.191	ug/l #	29
74) N-amyl acetate	12.02	43	5746	0.675	ug/l #	52
76) 1,2,3-Trichloropropane	12.38	75	147510	23.727	ug/l #	100
77) Bromobenzene	12.46	156	1189303	235.607	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.70	105	11791	0.619	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.38	75	147510	62.943	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.01	105	29820	1.565	ug/l	96
85) sec-Butylbenzene	13.15	105	7762	0.352	ug/l	93
86) p-Isopropyltoluene	13.21	119	8492	0.434	ug/l	92
89) n-Butylbenzene	13.59	91	12141	0.682	ug/l #	70
90) Hexachloroethane	13.86	117	3494	1.316	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.23	75	1269	0.982	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.89	180	1095	0.228	ug/l #	1

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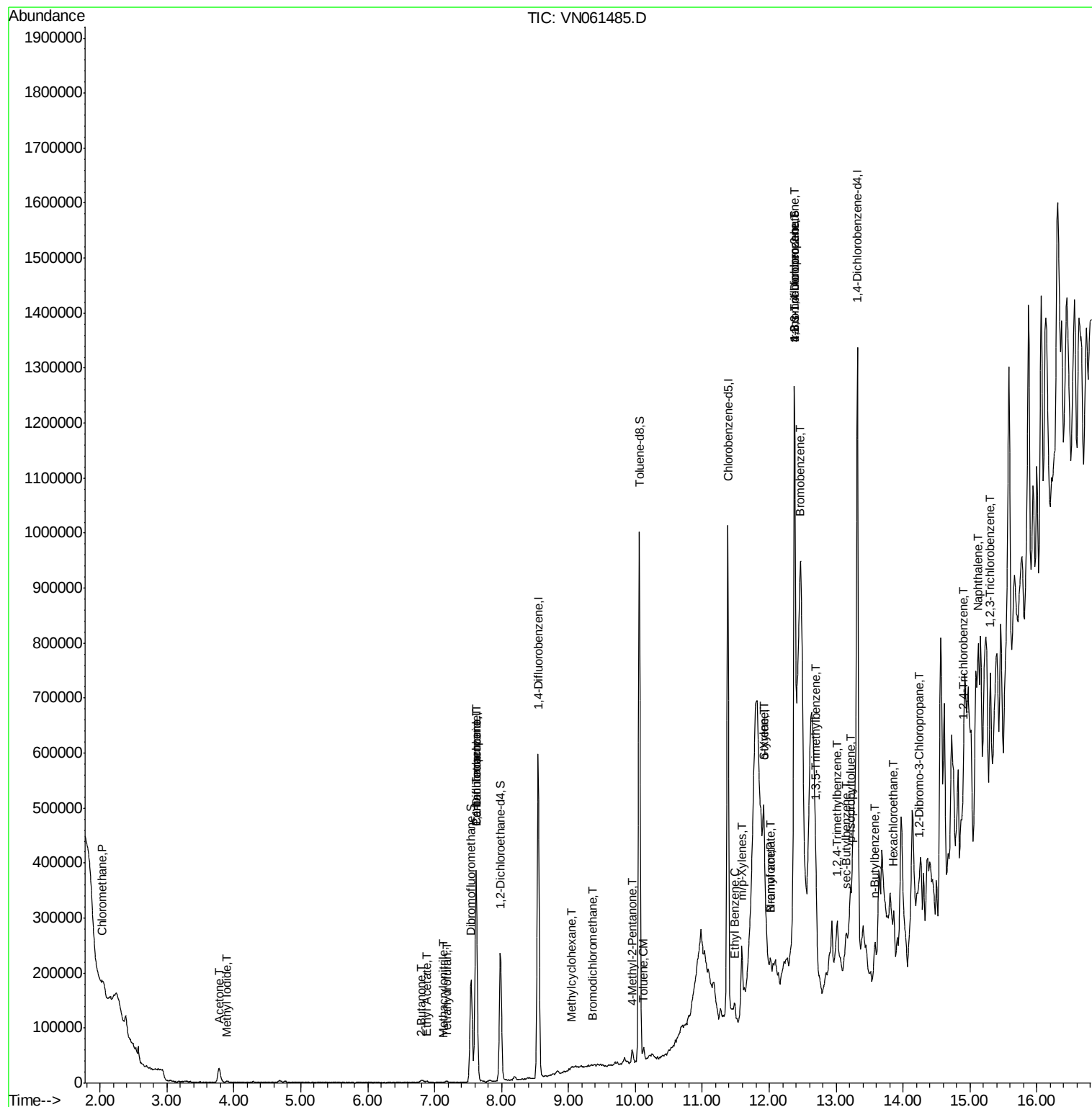
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.11	128	43398	2.841	ug/l #	53
96) 1,2,3-Trichlorobenzene	15.30	180	12704	2.656	ug/l #	14

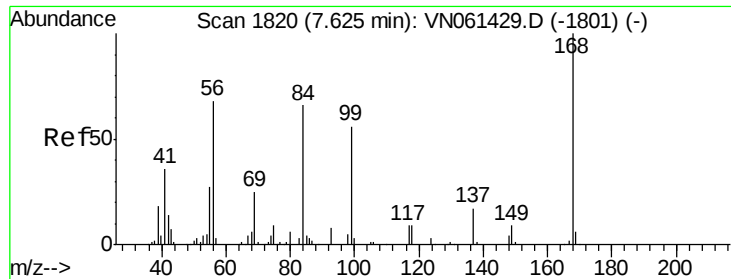
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

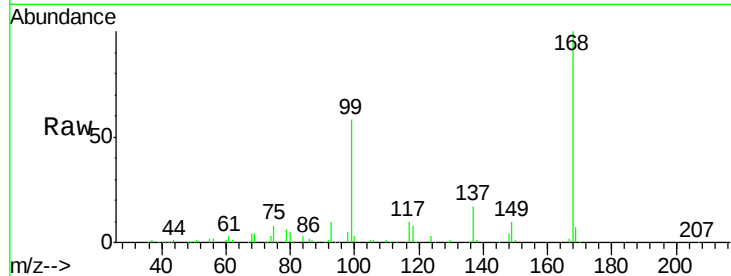
1364

Tot Ion:168 Resp: 313719

Ion Ratio Lower Upper

168 100

99 58.5 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

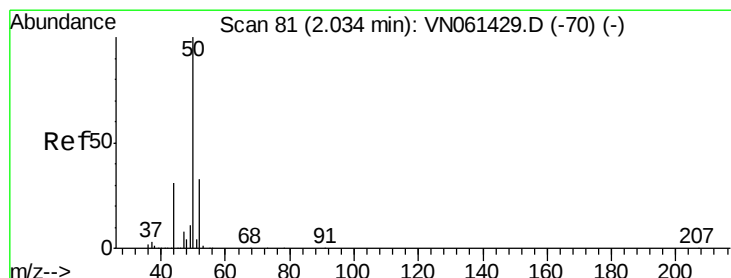
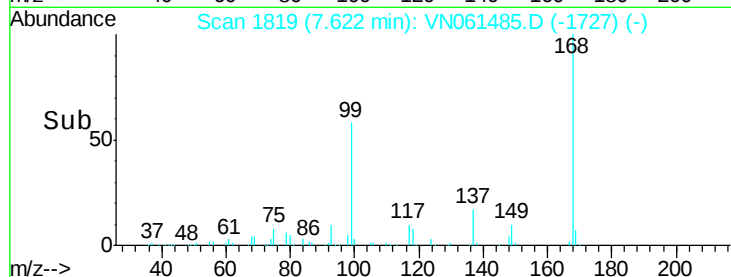
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.306 ug/l

RT: 2.02 min Scan# 78

Delta R.T. -0.01 min

Lab File: VN061485.D

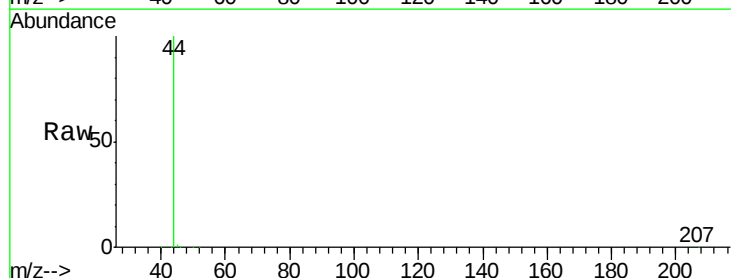
Acq: 19 May 2020 15:56

Tgt Ion: 50 Resp: 1304

Ion Ratio Lower Upper

50 100

52 46.9 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.02

800

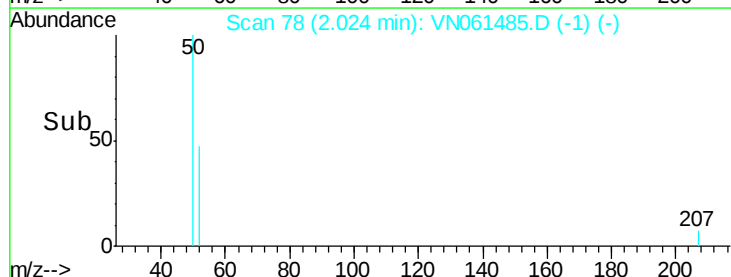
600

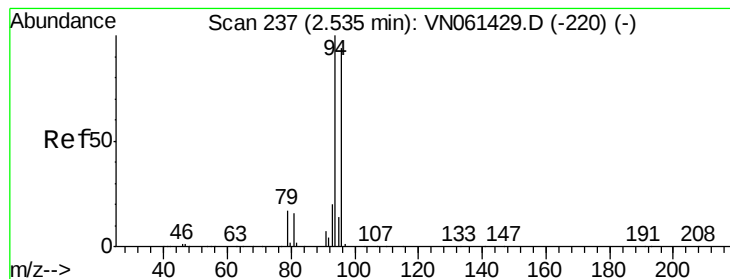
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

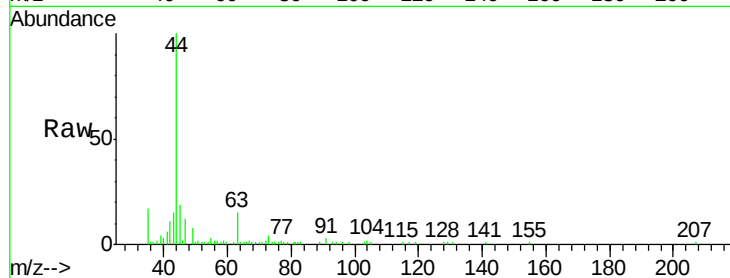
1364

Tot Ion: 94 Resp: 31

Ion Ratio Lower Upper

94 100

96 44.7 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

300

200

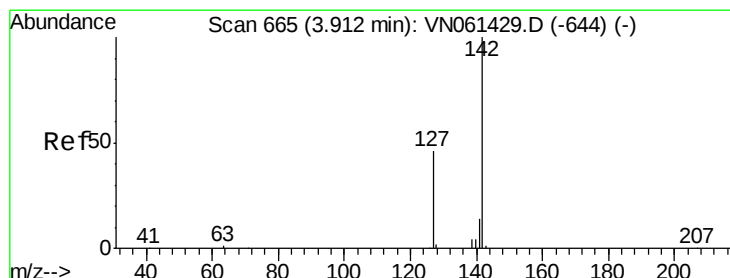
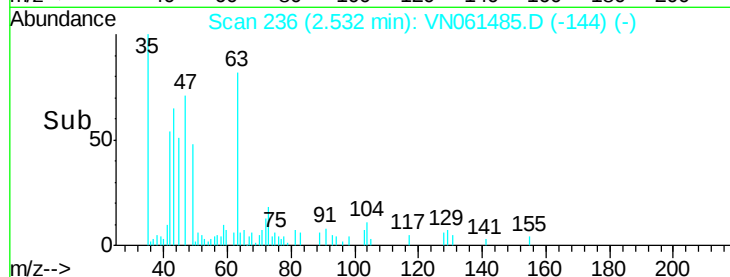
100

0

2.52 2.52 2.53 2.54 2.54

2.53

Time-->



#10

Methyl Iodide

Concen: 0.766 ug/l

RT: 3.89 min Scan# 658

Delta R.T. -0.02 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

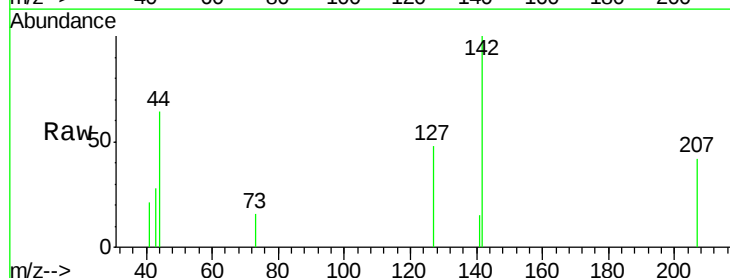
Tgt Ion: 142 Resp: 2859

Ion Ratio Lower Upper

142 100

127 42.1 36.7 55.1

141 2.1 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

1000

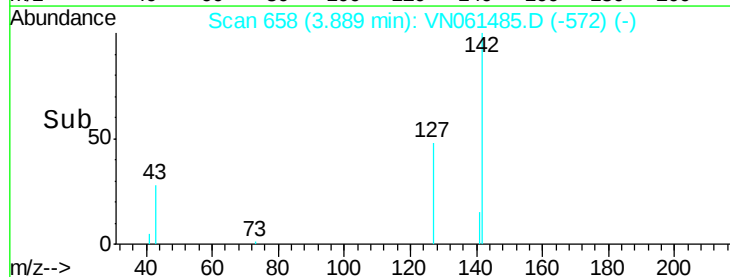
500

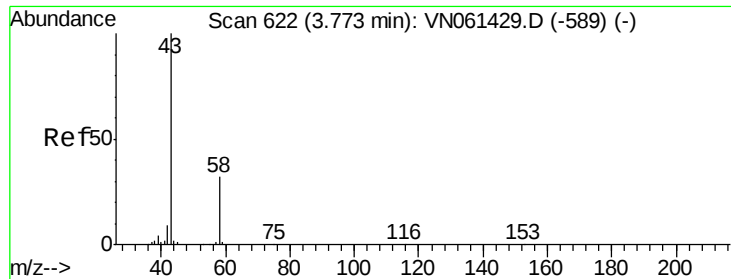
0

3.85 3.89 3.95

3.89

Time-->





#16

Acetone

Concen: 27.395 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

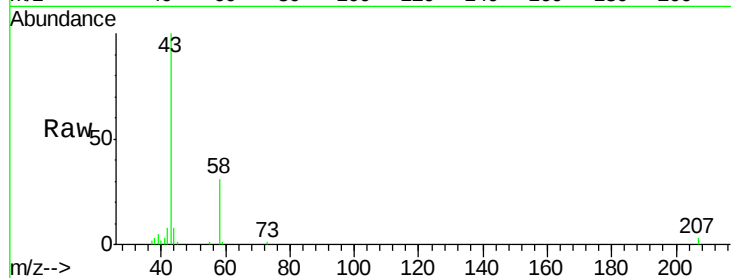
1364

Tot Ion: 43 Resp: 45018

Ion Ratio Lower Upper

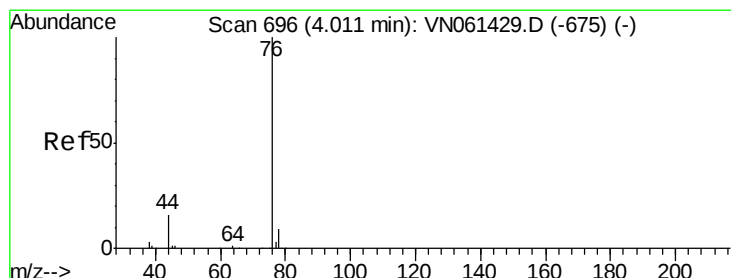
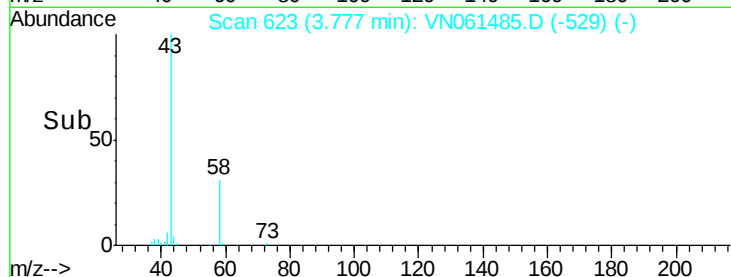
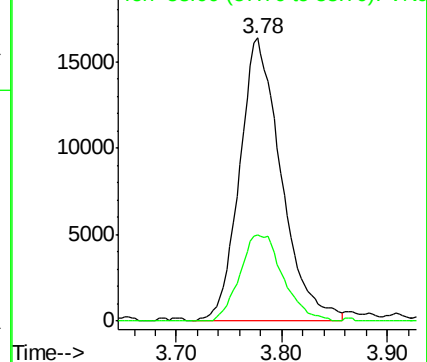
43 100

58 30.6 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: 3.99 min Scan# 690

Delta R.T. -0.02 min

Lab File: VN061485.D

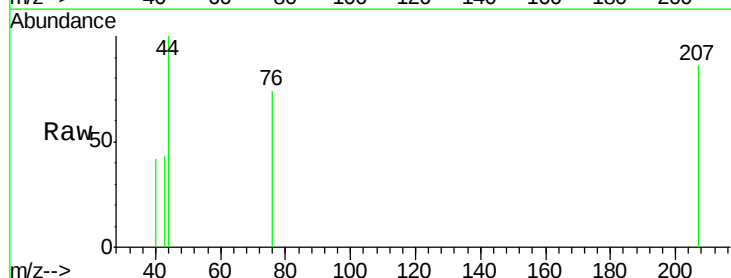
Acq: 19 May 2020 15:56

Tgt Ion: 76 Resp: 729

Ion Ratio Lower Upper

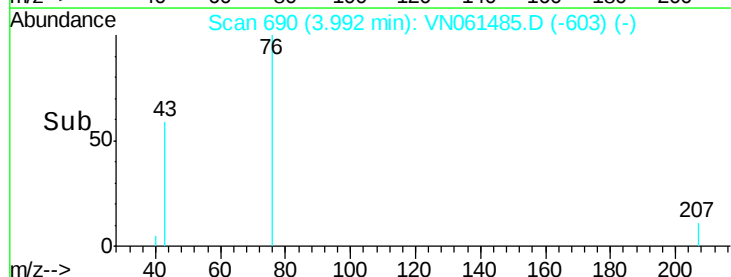
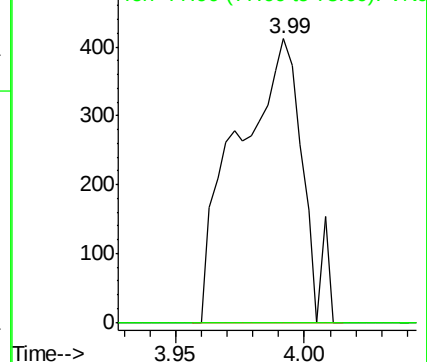
76 100

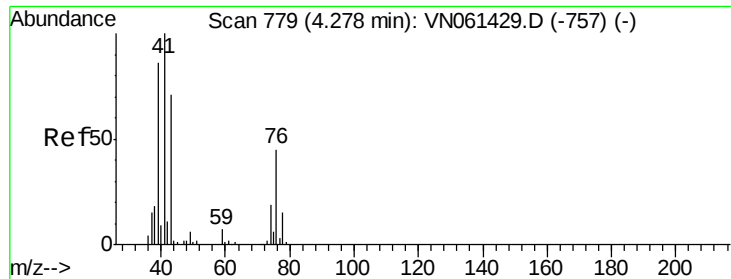
78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

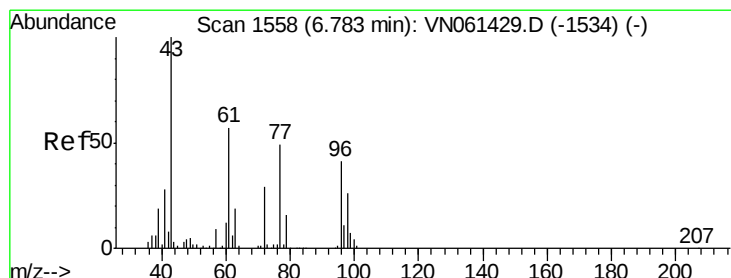
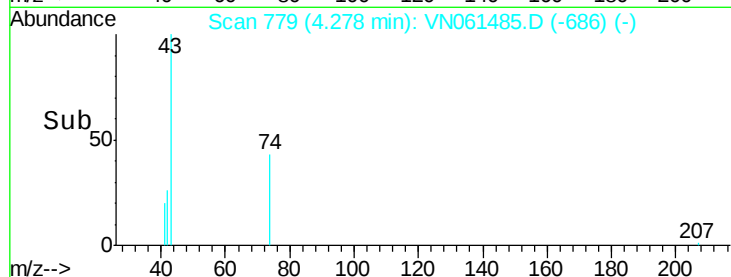
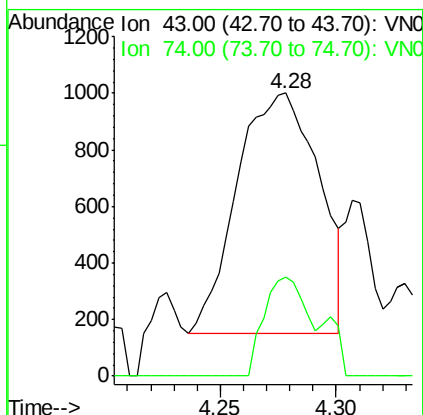
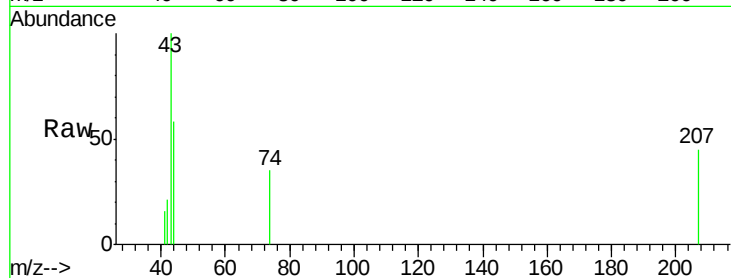




#18
Methyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

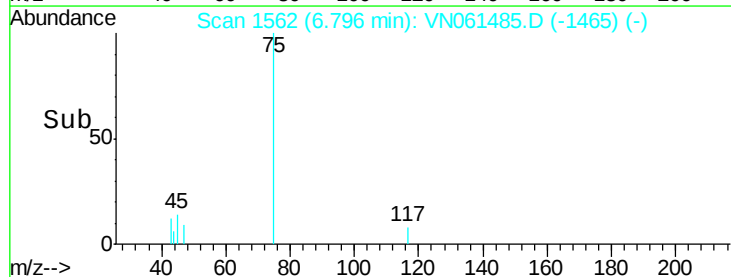
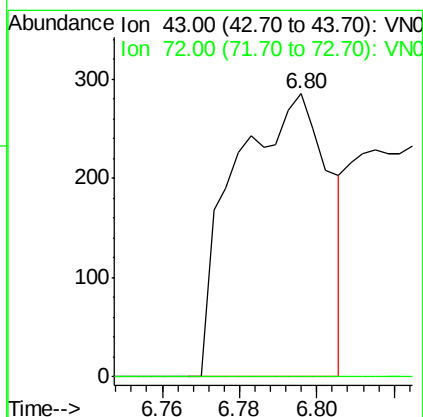
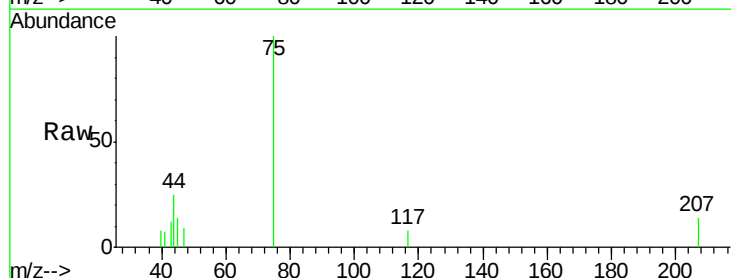
Instrument :
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ClientSampled :
1364

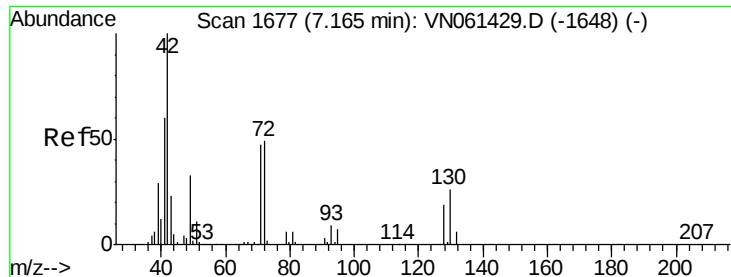
Tot Ion: 43 Resp: 2073
Ion Ratio Lower Upper
43 100
74 21.7 20.8 31.2



#25
2-Butanone
Concen: 0.227 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#

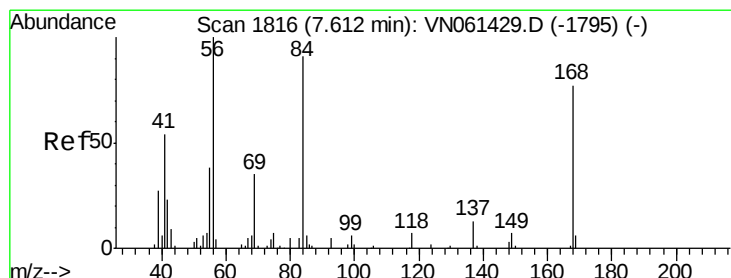
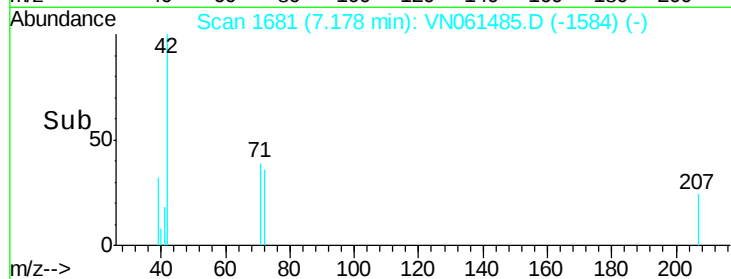
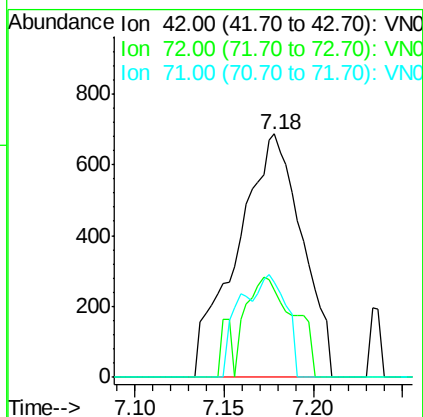
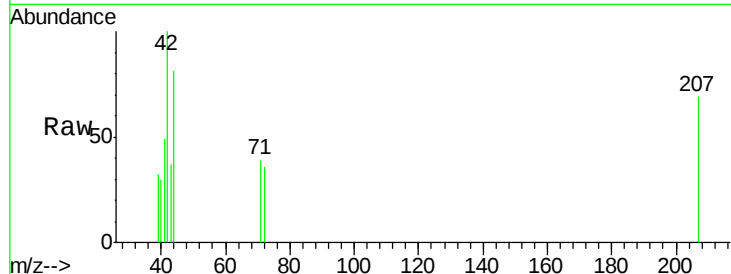




#29
Tetrahydrofuran
Concen: 1.231 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

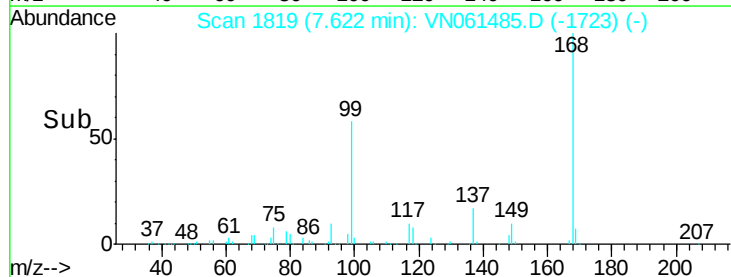
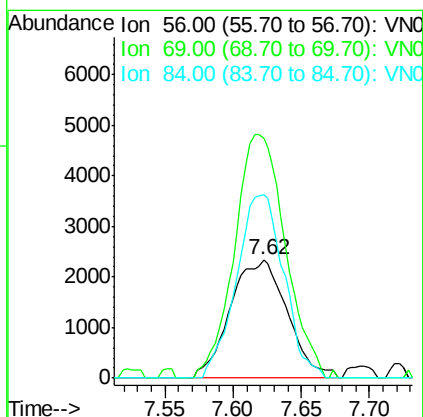
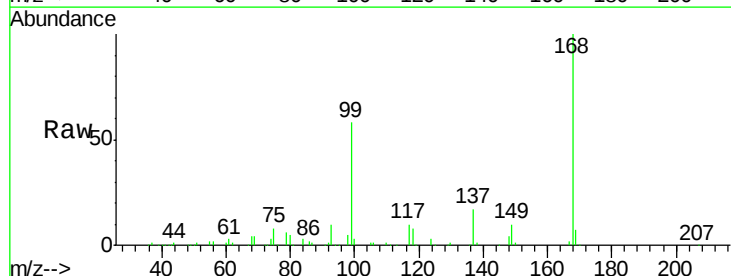
Instrument :
MSVOA_N
ClientSampleId :
1364

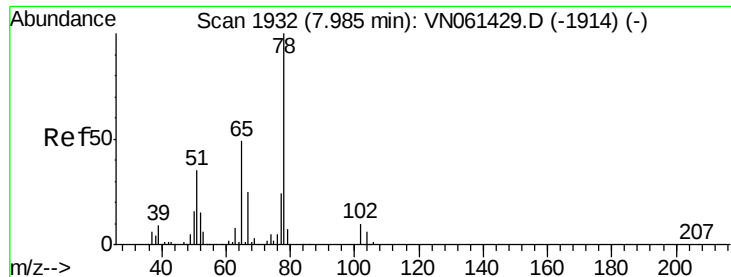
Tot Ion: 42 Resp: 1738
Ion Ratio Lower Upper
42 100
72 30.3 39.0 58.6#
71 30.1 36.9 55.3#



#31
Cyclohexane
Concen: Below Cal
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

Tgt Ion: 56 Resp: 6786
Ion Ratio Lower Upper
56 100
69 202.5 27.8 41.6#
84 155.0 72.7 109.1#





#33

1,2-Dichloroethane-d4

Concen: 41.987 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

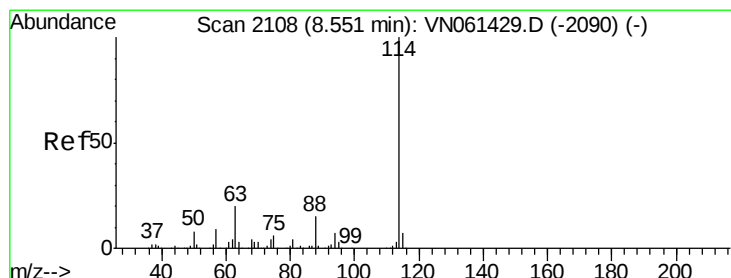
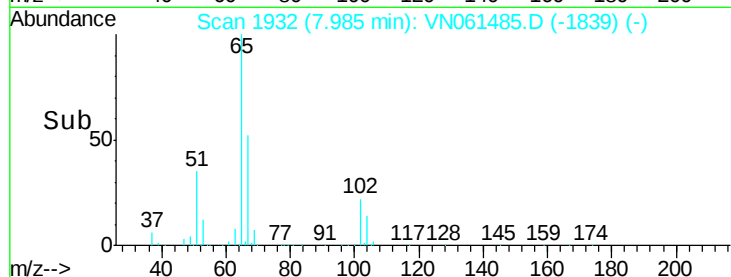
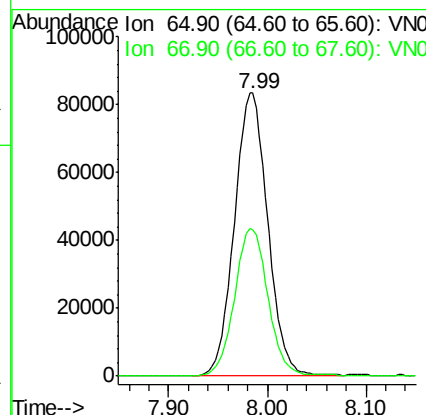
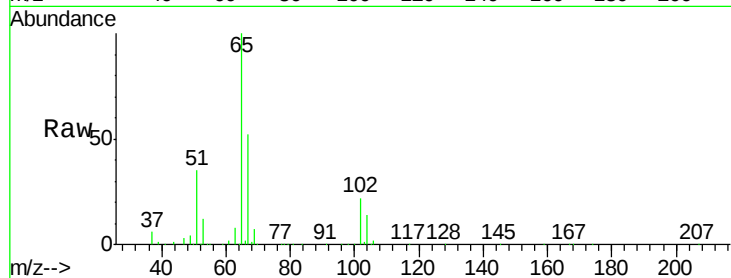
1364

Tot Ion: 65 Resp: 196588

Ion Ratio Lower Upper

65 100

67 52.3 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: VN061485.D

Acq: 19 May 2020 15:56

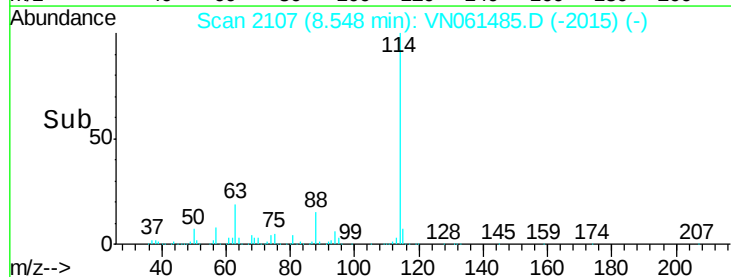
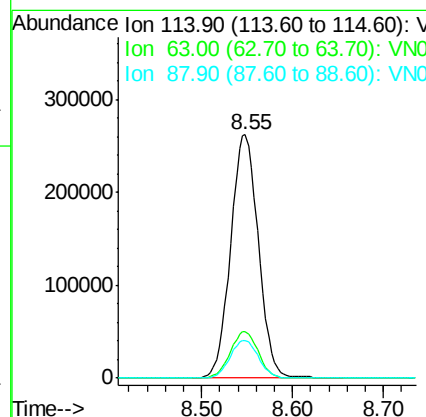
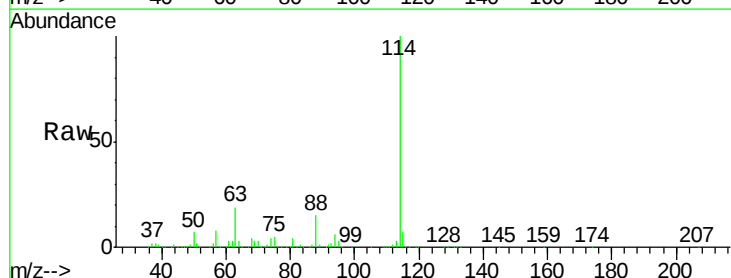
Tgt Ion: 114 Resp: 555604

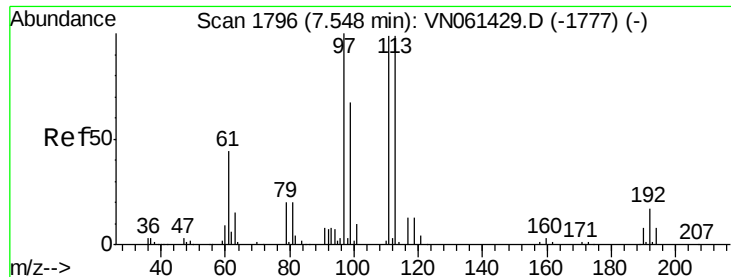
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

88 15.5 0.0 30.8

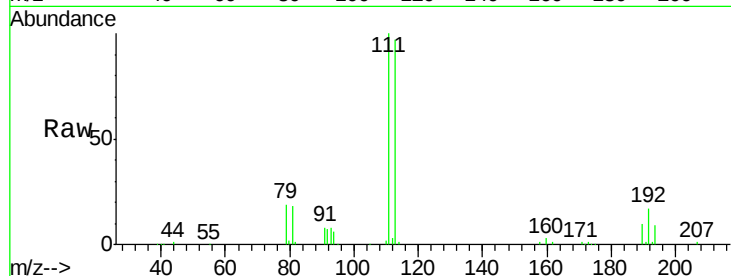




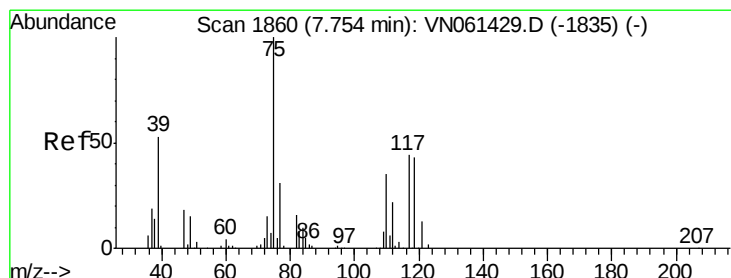
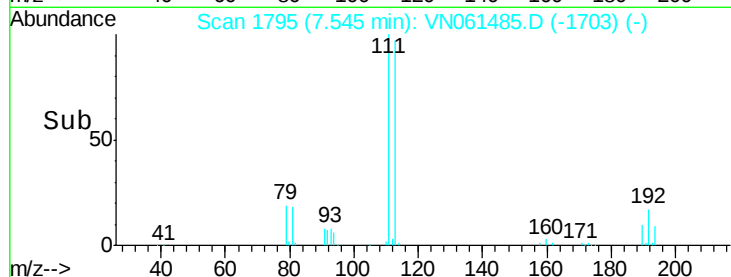
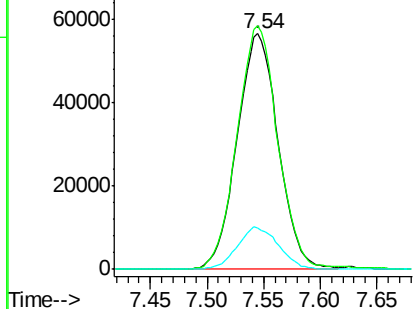
#35
 Dibromofluoromethane
 Concen: 49.198 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061485.D
 Acq: 19 May 2020 15:56

Instrument :
 MSVOA_N
 ClientSampled :
 1364

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.6	121.0
192	17.9	13.2	19.8

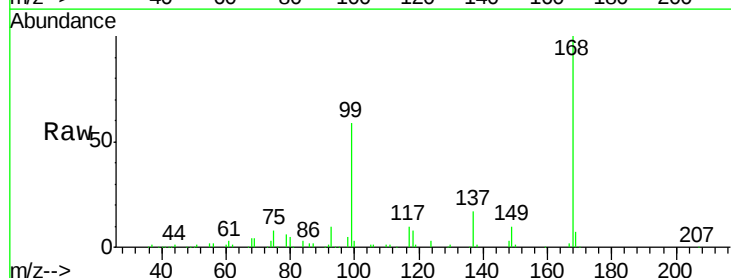


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

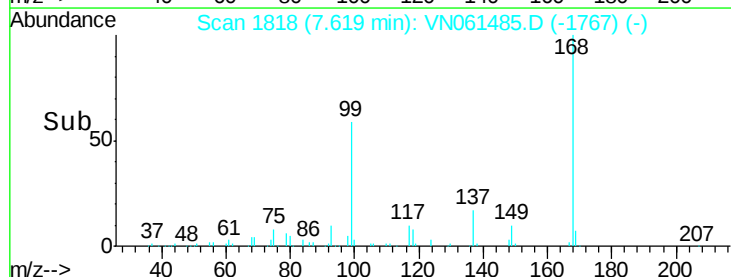
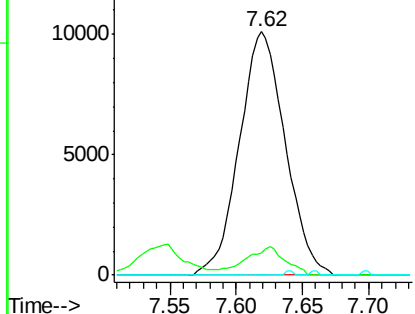


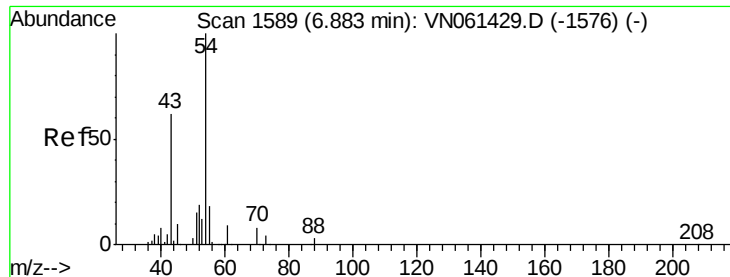
#36
 1,1-Dichloropropene
 Concen: 4.676 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.13 min
 Lab File: VN061485.D
 Acq: 19 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.3	51.9#
77	0.0	24.9	37.3#



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

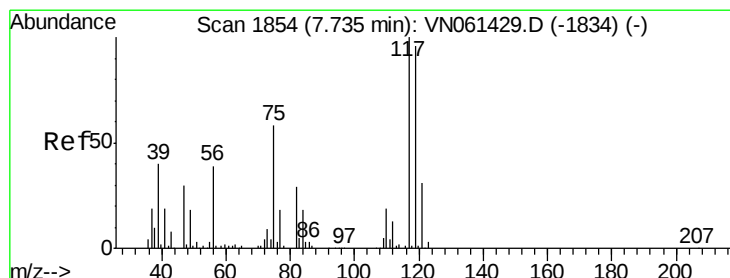
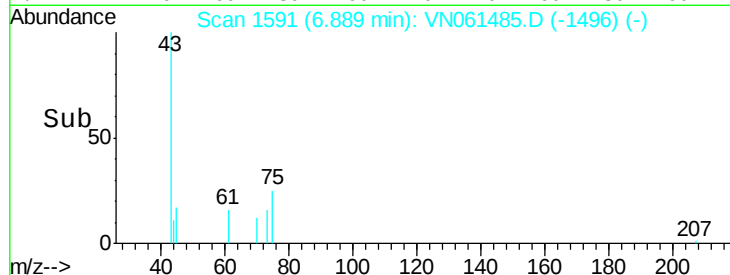
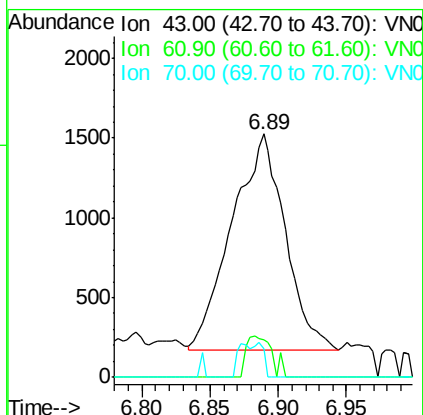
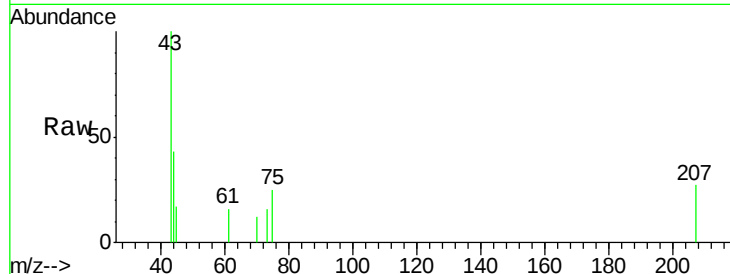




#37
Ethyl Acetate
Concen: 0.781 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. 0.01 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

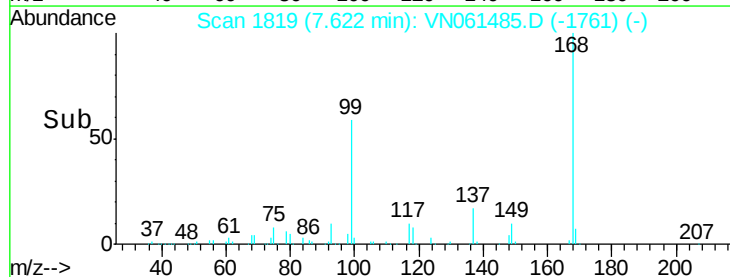
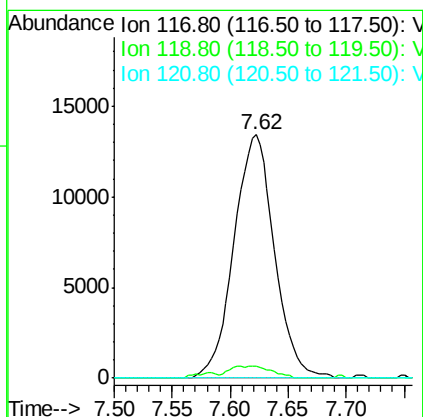
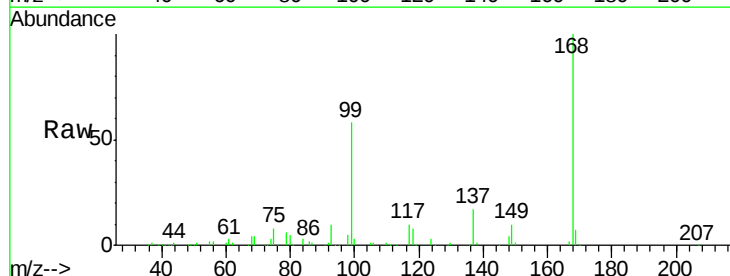
Instrument :
MSVOA_N
ClientSampleId :
1364

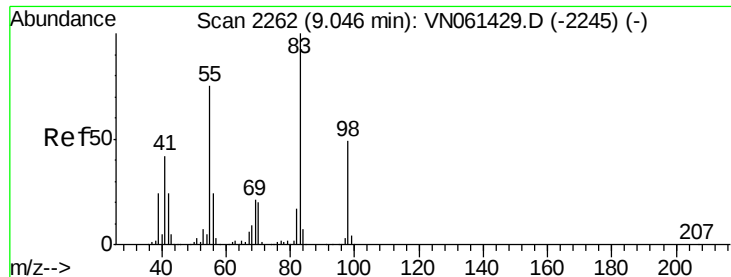
Tot Ion: 43 Resp: 3680
Ion Ratio Lower Upper
43 100
61 9.1 11.7 17.5#
70 3.9 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.819 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.11 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

Tgt Ion: 117 Resp: 32620
Ion Ratio Lower Upper
117 100
119 3.7 77.0 115.6#
121 0.0 24.7 37.1#

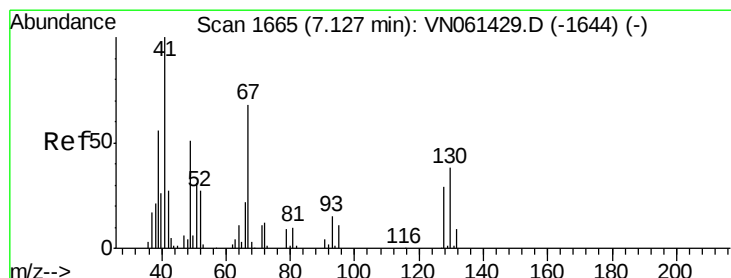
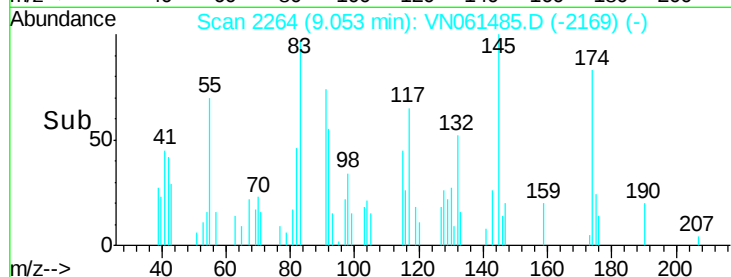
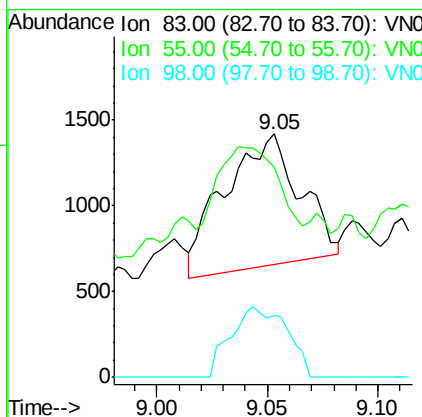
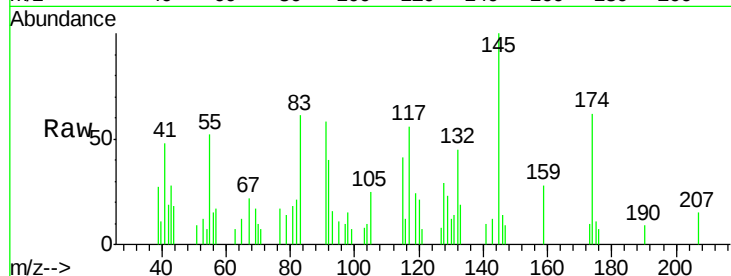




#39
Methvlcvclohexane
Concen: 0.288 ug/l
RT: 9.05 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

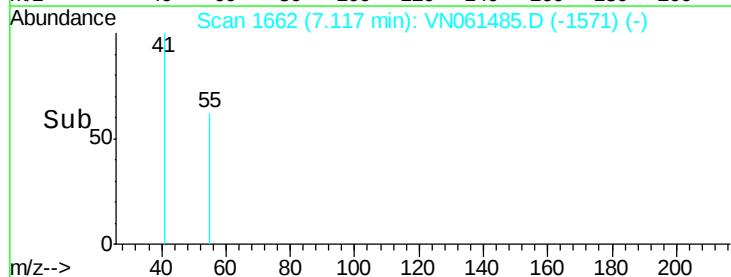
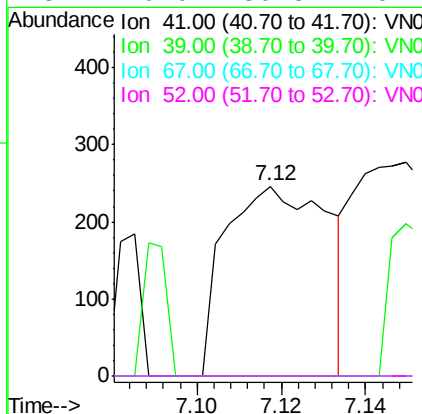
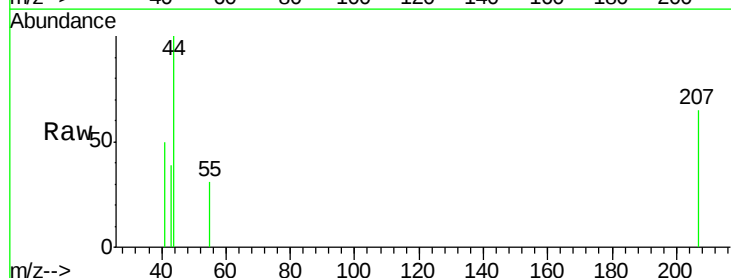
Instrument :
MSVOA_N
ClientSampled :
1364

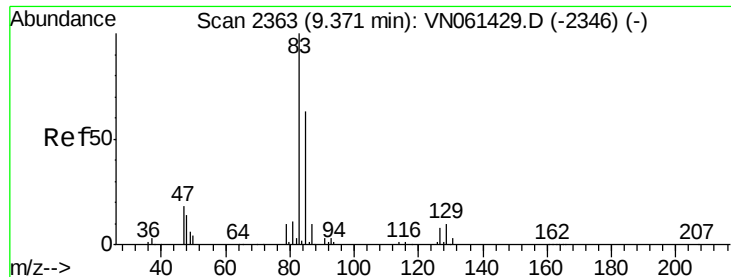
Tot Ion: 83 Resp: 1828
Ion Ratio Lower Upper
83 100
55 52.2 59.7 89.5#
98 52.2 38.9 58.3



#41
Methacrylonitrile
Concen: 0.209 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

Tgt Ion: 41 Resp: 415
Ion Ratio Lower Upper
41 100
39 0.0 48.3 72.5#
67 0.0 74.2 111.4#
52 0.0 30.8 46.2#





#47

Bromodichloromethane

Concen: 0.217 ug/l

RT: 9.36 min Scan# 2359

Delta R.T. -0.01 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

1364

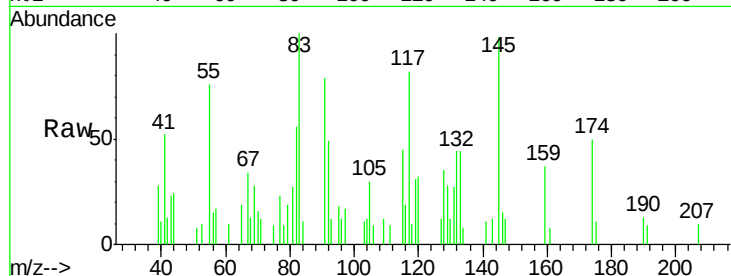
Tot Ion: 83 Resp: 1258

Ion Ratio Lower Upper

83 100

85 0.0 50.6 76.0#

127 6.4 6.1 9.1

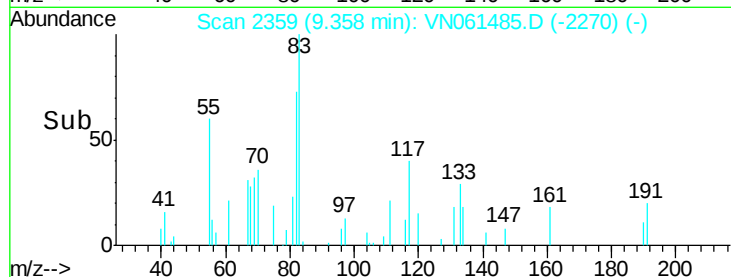


Abundance Ion 82.90 (82.60 to 83.60): VN061429.D (-2346) (-)

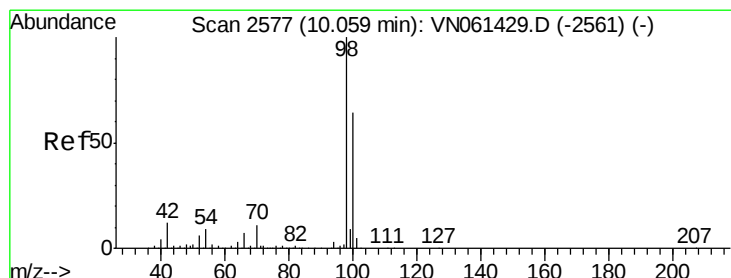
Ion 84.90 (84.60 to 85.60): VN061429.D (-2346) (-)

Ion 126.80 (126.50 to 127.50): VN061429.D (-2346) (-)

Time-->



Time-->



#50

Toluene-d8

Concen: 49.780 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061485.D

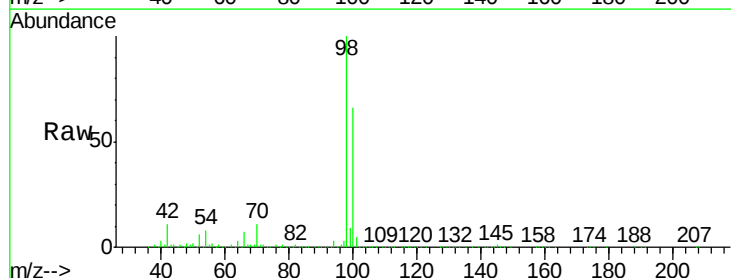
Acq: 19 May 2020 15:56

Tgt Ion: 98 Resp: 672041

Ion Ratio Lower Upper

98 100

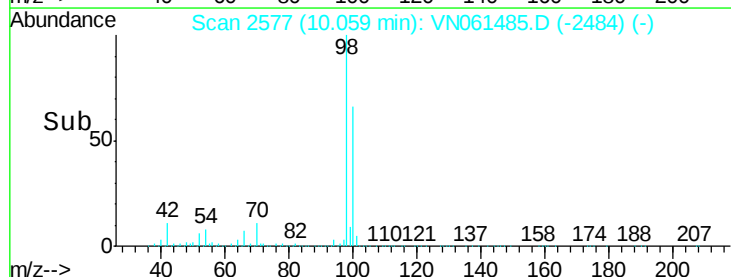
100 66.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN061429.D (-2561) (-)

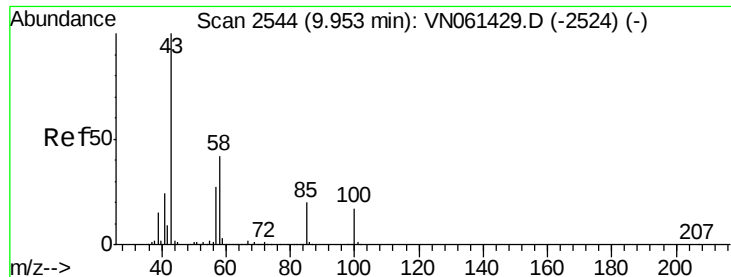
Ion 100.00 (99.70 to 100.70): VN061429.D (-2561) (-)

Time-->



Time-->

Time-->



#51

4-Methyl-2-Pentanone

Concen: 3.515 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

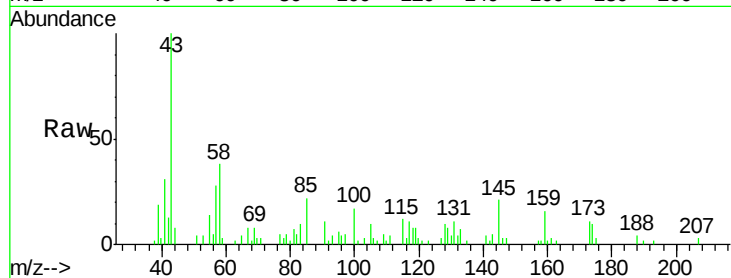
1364

Tot Ion: 43 Resp: 15735

Ion Ratio Lower Upper

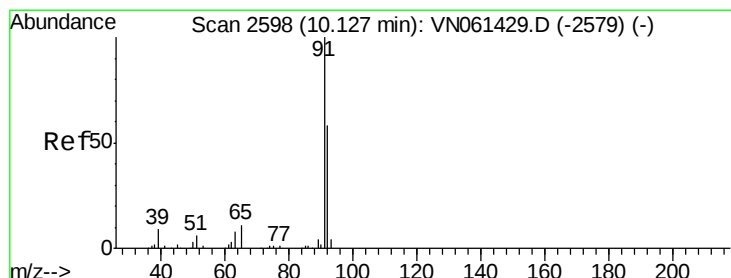
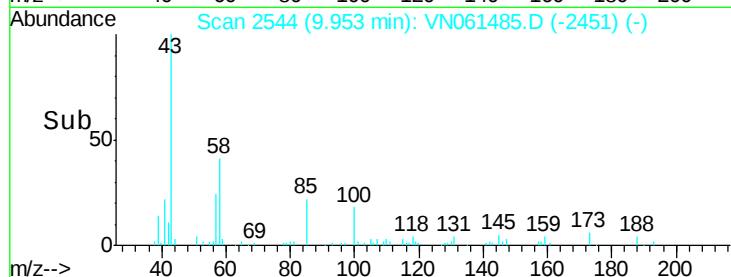
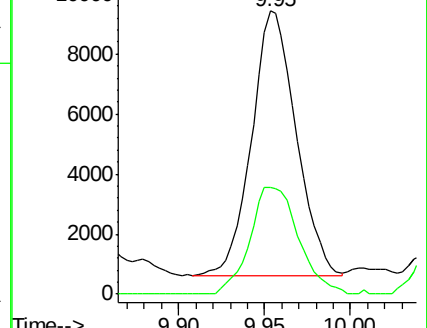
43 100

58 44.5 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) (-)



#52

Toluene

Concen: 0.648 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061485.D

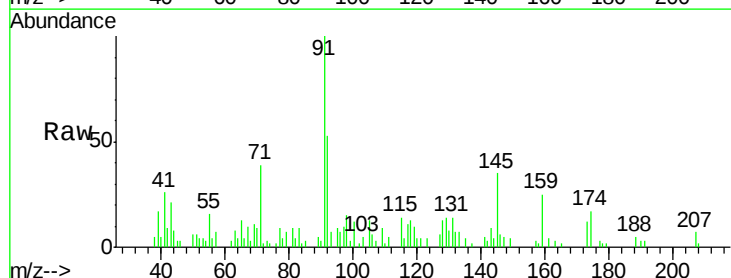
Acq: 19 May 2020 15:56

Tgt Ion: 92 Resp: 6514

Ion Ratio Lower Upper

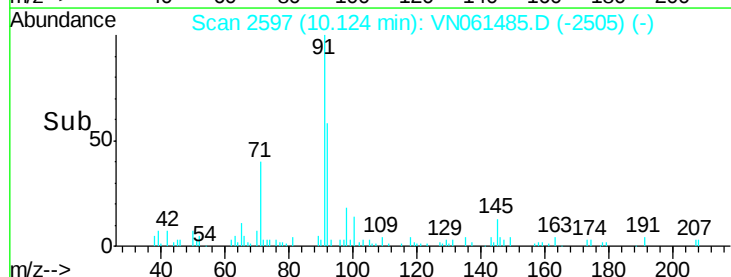
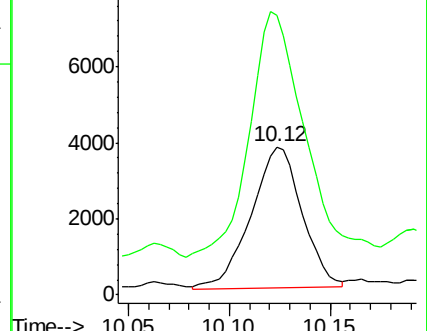
92 100

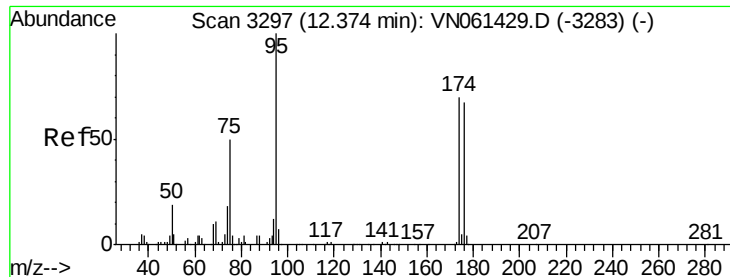
91 188.2 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN061429.D (-2579) (-)

Ion 91.00 (90.70 to 91.70): VN061429.D (-2579) (-)





#62

4-Bromofluorobenzene

Concen: 53.787 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

1364

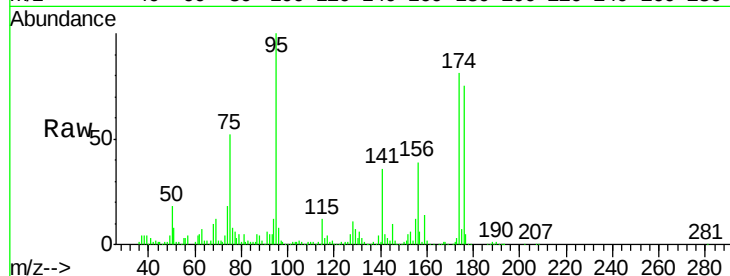
Tot Ion: 95 Resp: 271292

Ion Ratio Lower Upper

95 100

174 78.0 0.0 141.2

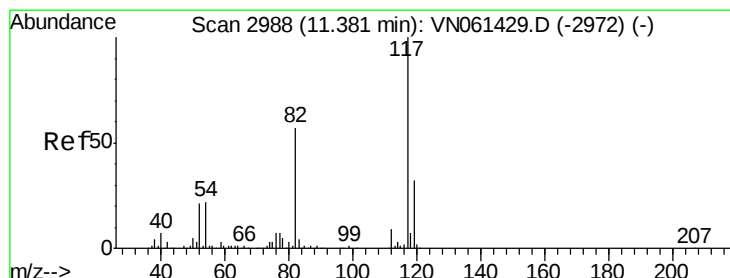
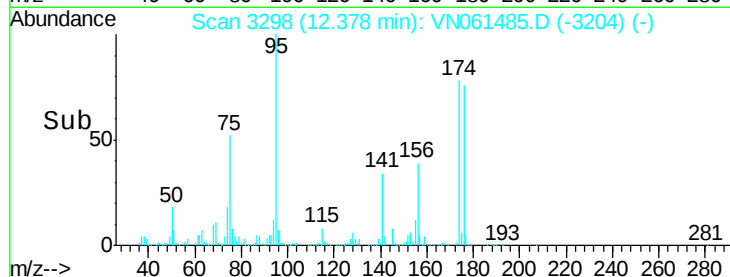
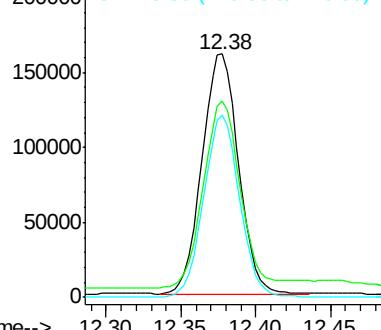
176 75.0 0.0 137.6



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

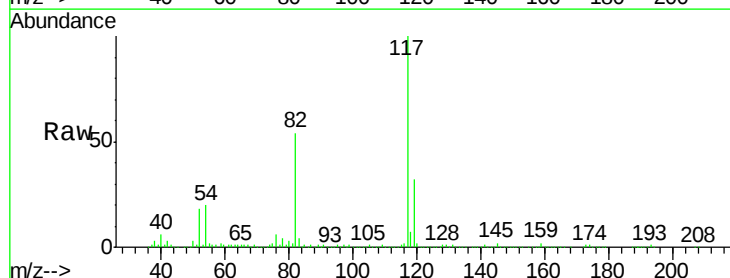
Tgt Ion: 117 Resp: 528878

Ion Ratio Lower Upper

117 100

82 54.0 45.2 67.8

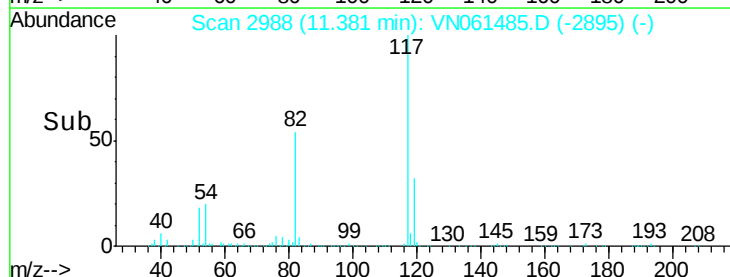
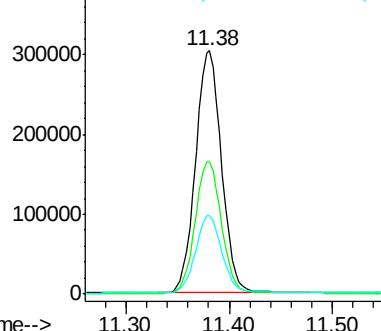
119 32.1 25.3 37.9

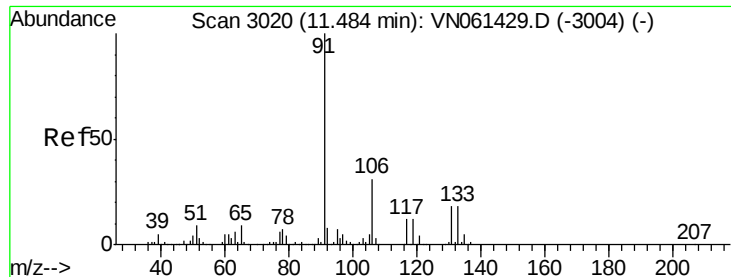


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

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

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

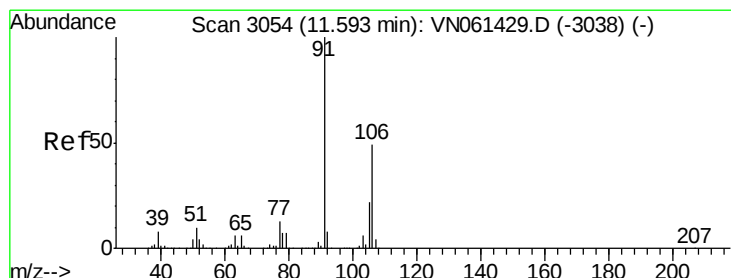
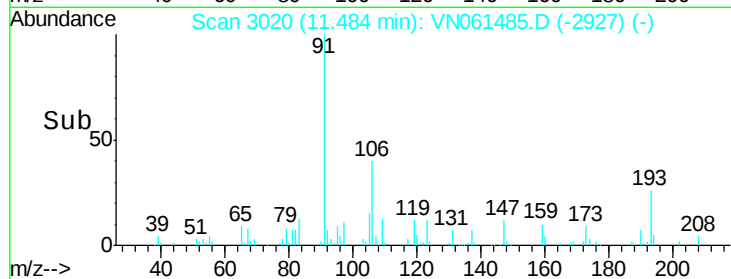
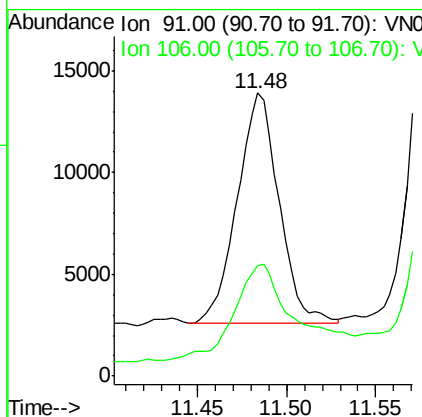
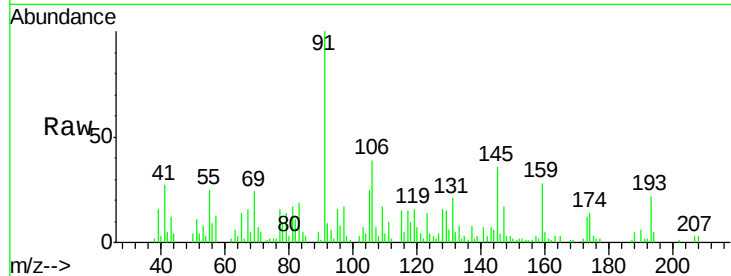




#67
Ethyl Benzene
Concen: 0.945 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

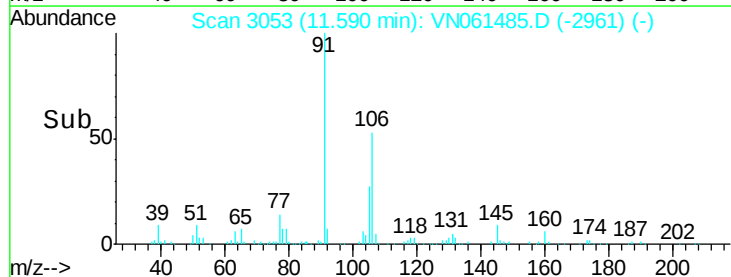
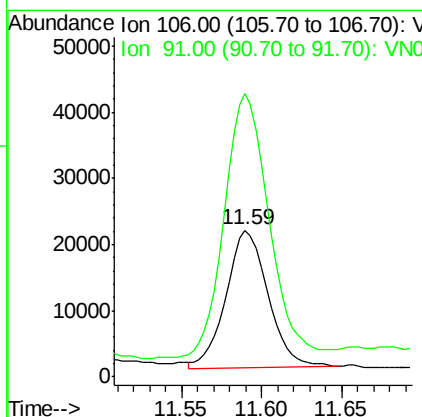
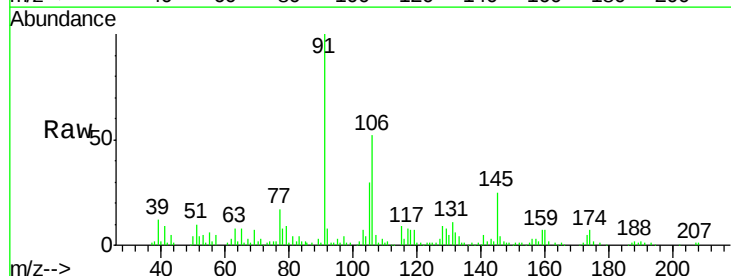
Instrument :
MSVOA_N
ClientSampled :
1364

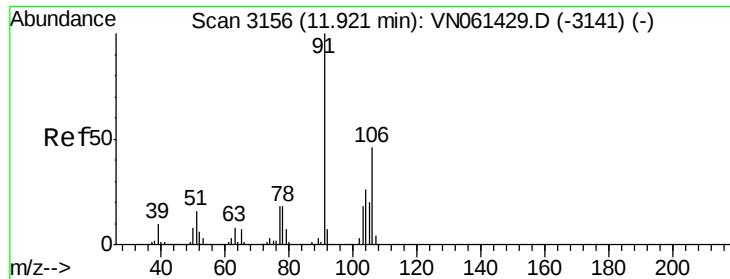
Tot Ion: 91 Resp: 18610
Ion Ratio Lower Upper
91 100
106 38.4 24.6 36.8#



#68
m/p-Xylenes
Concen: 4.979 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

Tgt Ion: 106 Resp: 37209
Ion Ratio Lower Upper
106 100
91 203.8 163.0 244.6

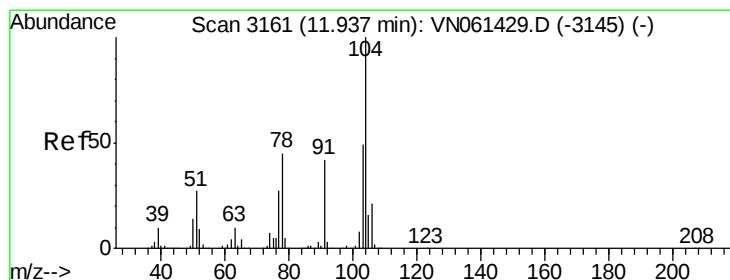
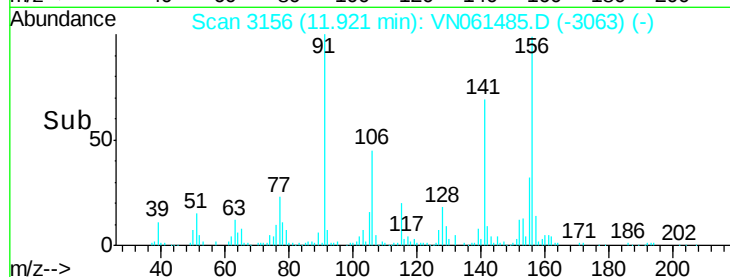
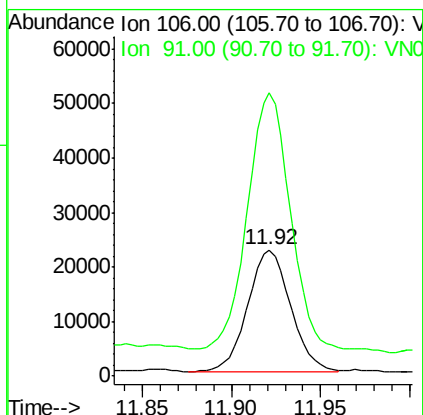
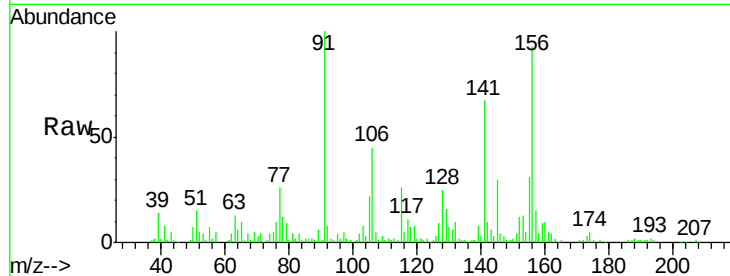




#69
o-Xylene
Concen: 5.173 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

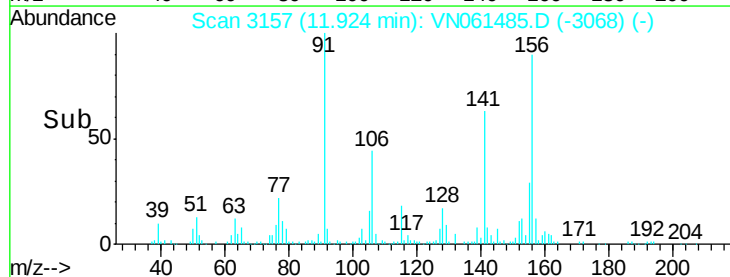
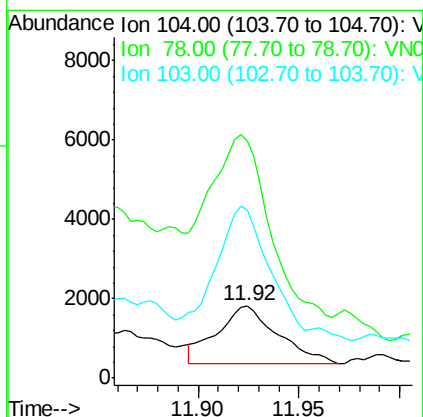
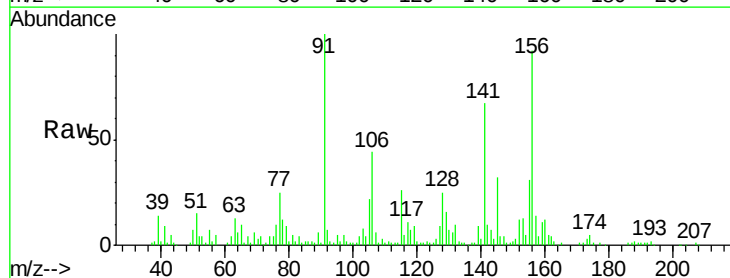
Instrument :
MSVOA_N
ClientSampled :
1364

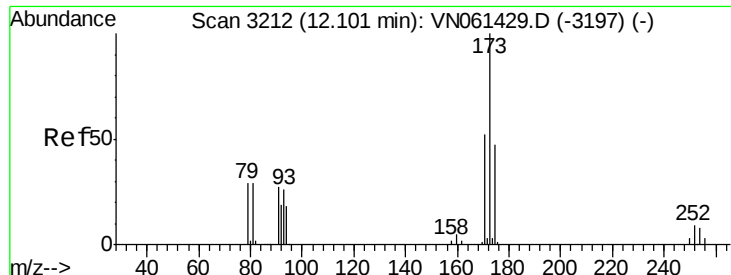
Tot Ion:106 Resp: 37409
Ion Ratio Lower Upper
106 100
91 210.0 107.9 323.7



#70
Styrene
Concen: 0.257 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.01 min
Lab File: VN061485.D
Acq: 19 May 2020 15:56

Tgt Ion:104 Resp: 3079
Ion Ratio Lower Upper
104 100
78 312.3 40.7 61.1#
103 212.9 43.0 64.4#





#71

Bromoform

Concen: 2.191 ug/l

RT: 12.02 min Scan# 3186

Delta R.T. -0.08 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

1364

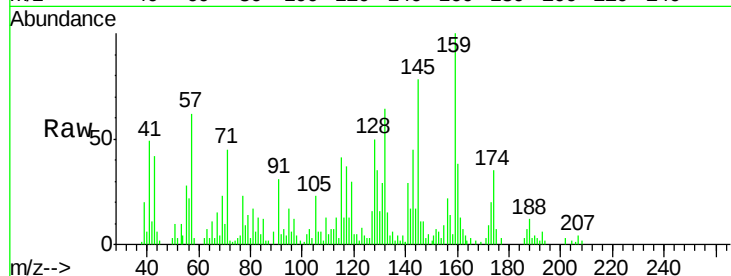
Tot Ion:173 Resp: 535

Ion Ratio Lower Upper

173 100

175 0.0 23.9 71.8#

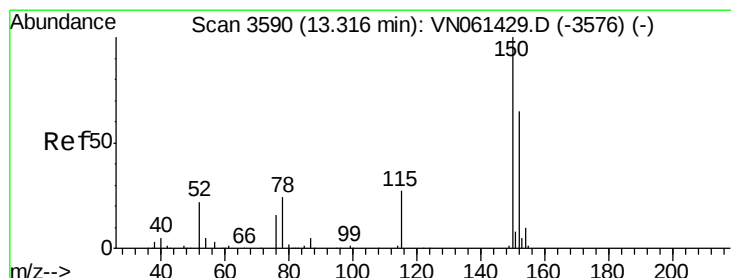
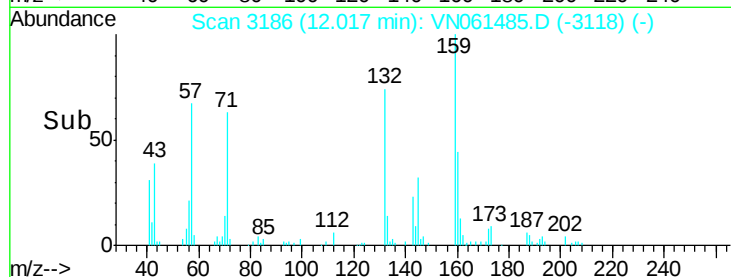
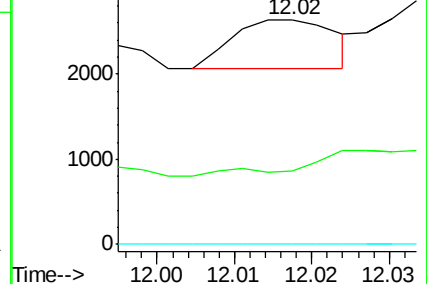
254 0.0 0.0 0.0



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: VN061485.D

Acq: 19 May 2020 15:56

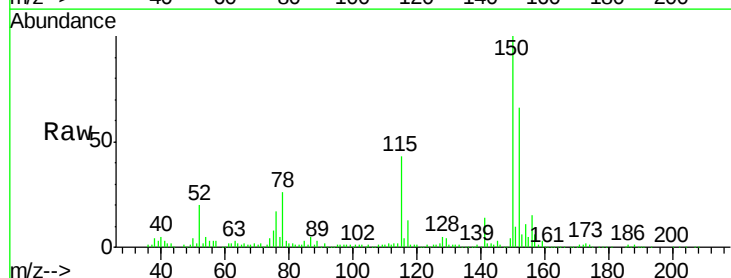
Tgt Ion:152 Resp: 289731

Ion Ratio Lower Upper

152 100

115 62.2 30.9 92.5

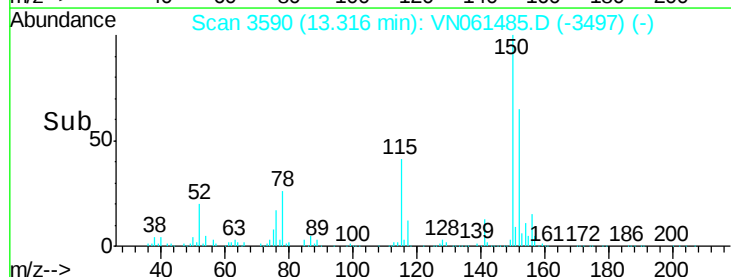
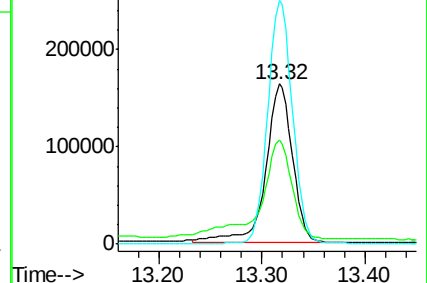
150 142.1 0.0 349.2

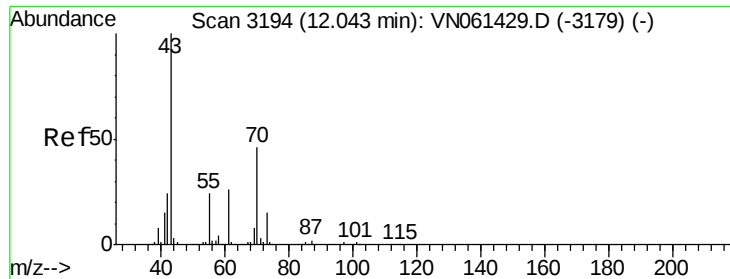


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.675 ug/l

RT: 12.02 min Scan# 3186

Delta R.T. -0.03 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

1364

Tot Ion: 43 Resp: 5746

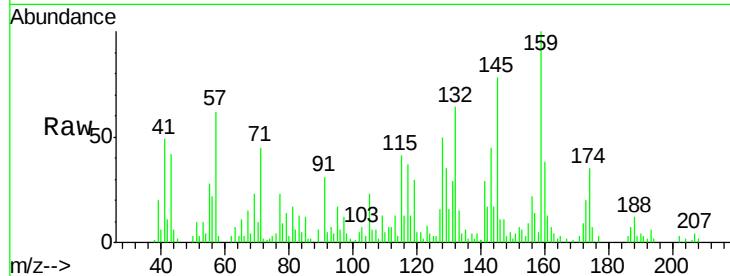
Ion Ratio Lower Upper

43 100

70 13.4 37.0 55.4#

55 3.7 19.5 29.3#

61 0.0 20.8 31.2#

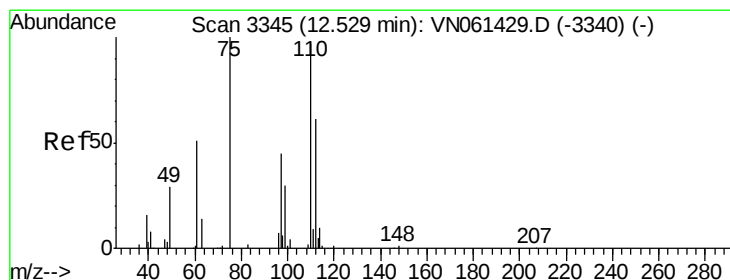
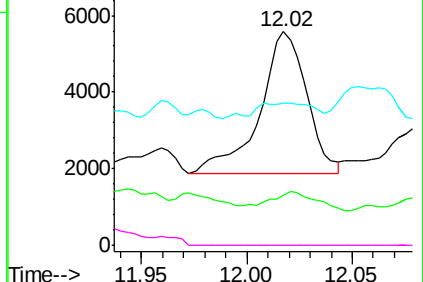
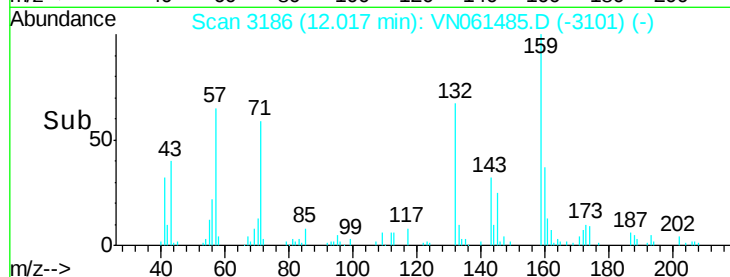


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 23.727 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061485.D

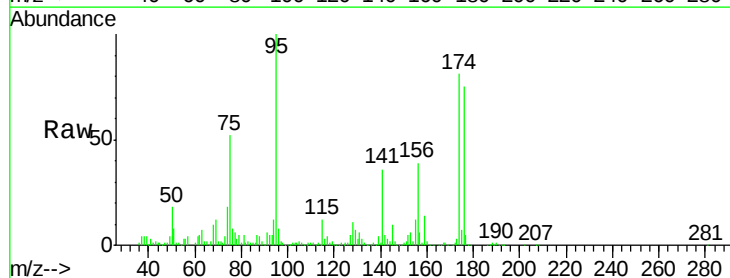
Acq: 19 May 2020 15:56

Tgt Ion: 75 Resp: 147510

Ion Ratio Lower Upper

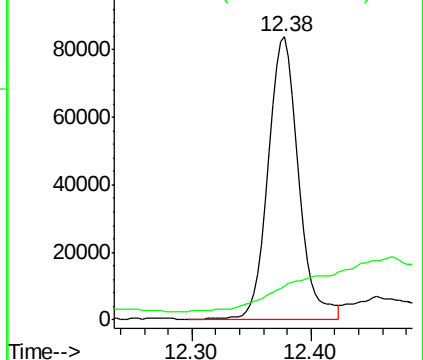
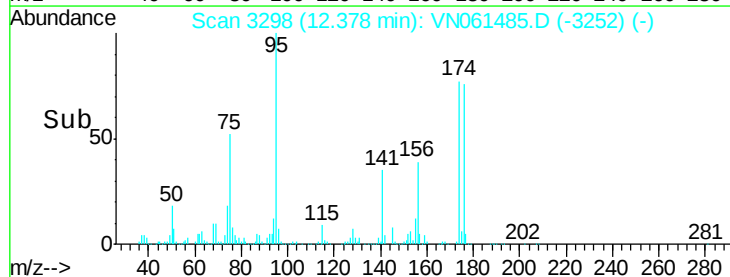
75 100

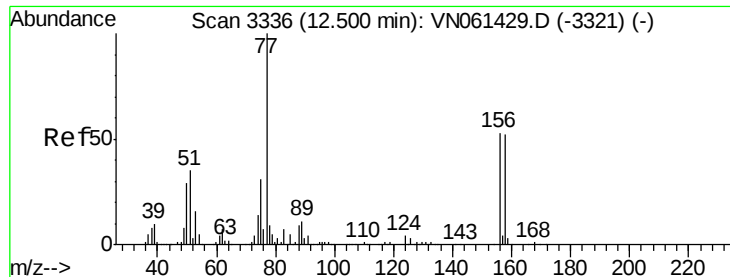
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 235.607 ug/l

RT: 12.46 min Scan# 3325

Delta R.T. -0.04 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

1364

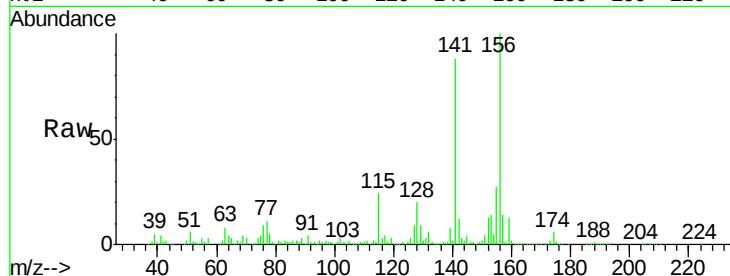
Tot Ion:156 Resp: 1189303

Ion Ratio Lower Upper

156 100

77 0.0 112.3 336.9#

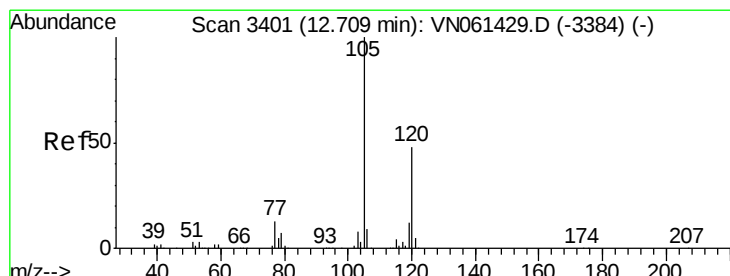
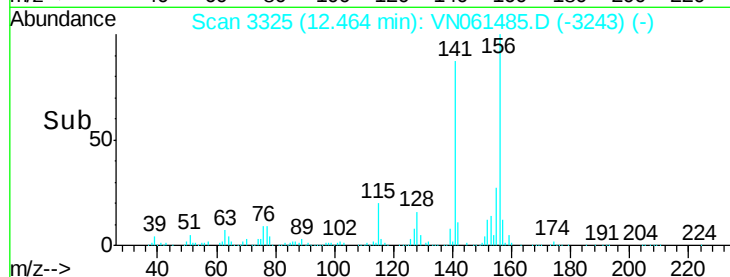
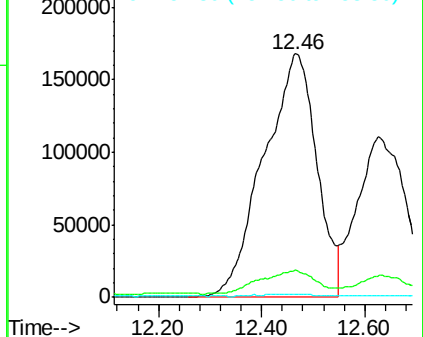
158 0.0 47.9 143.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.619 ug/l

RT: 12.70 min Scan# 3399

Delta R.T. -0.01 min

Lab File: VN061485.D

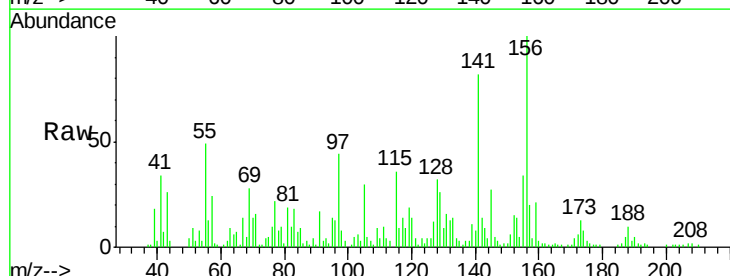
Acq: 19 May 2020 15:56

Tgt Ion:105 Resp: 11791

Ion Ratio Lower Upper

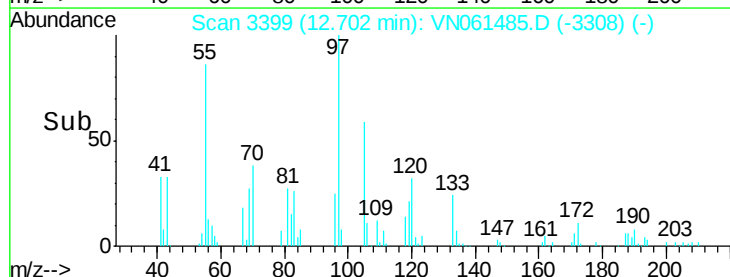
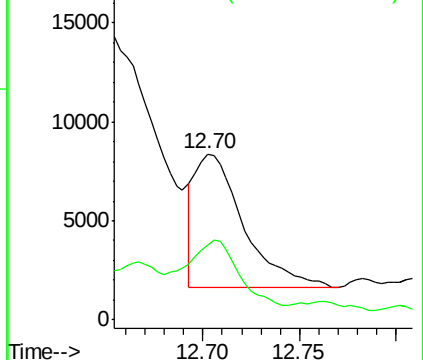
105 100

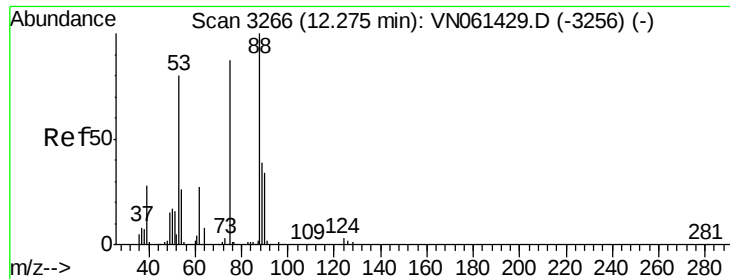
120 44.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 62.943 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

1364

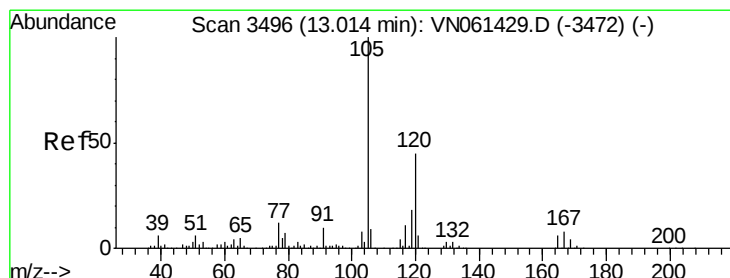
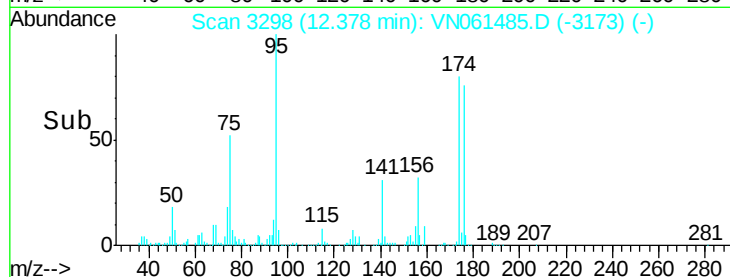
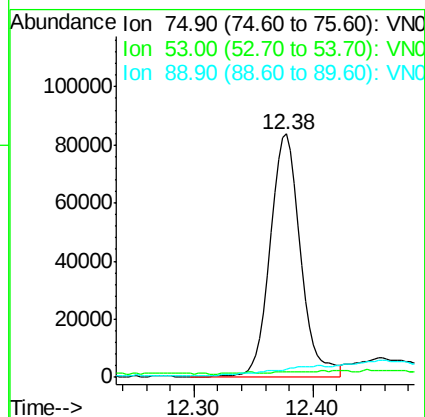
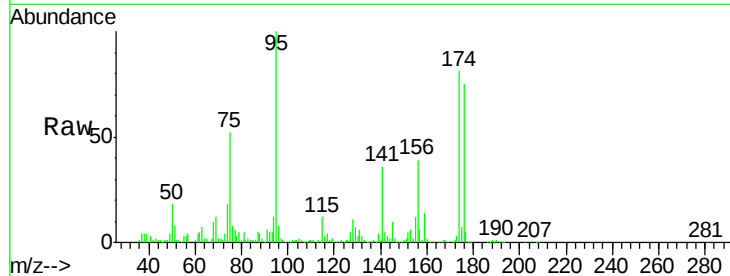
Tot Ion: 75 Resp: 147510

Ion Ratio Lower Upper

75 100

53 0.4 75.2 112.8#

89 0.0 38.2 57.4#



#84

1,2,4-Trimethylbenzene

Concen: 1.565 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.00 min

Lab File: VN061485.D

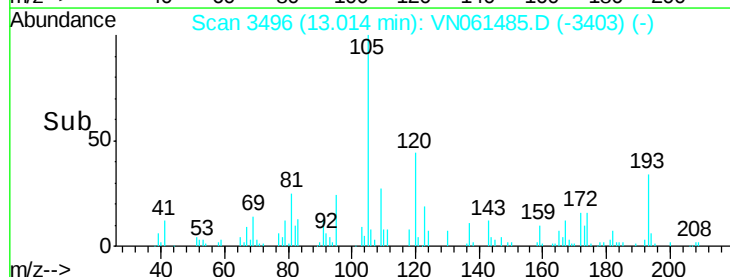
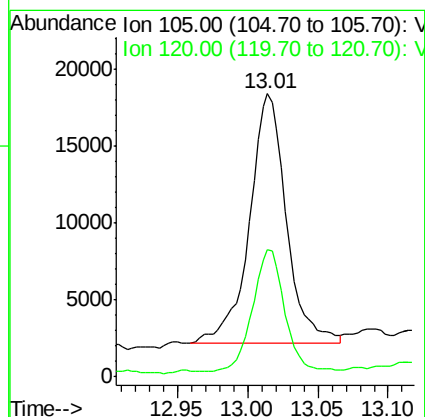
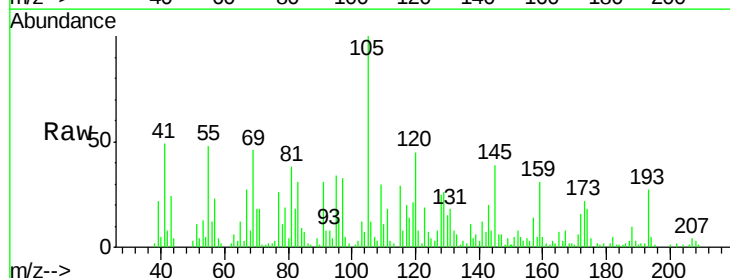
Acq: 19 May 2020 15:56

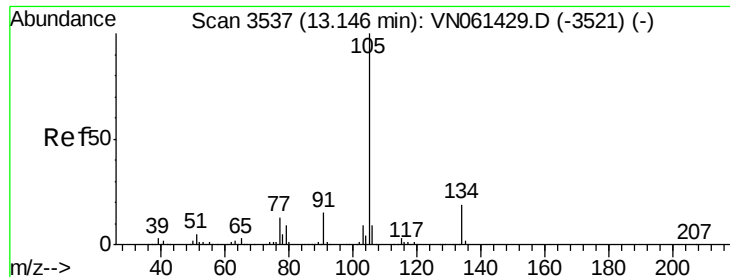
Tgt Ion: 105 Resp: 29820

Ion Ratio Lower Upper

105 100

120 42.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 0.352 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

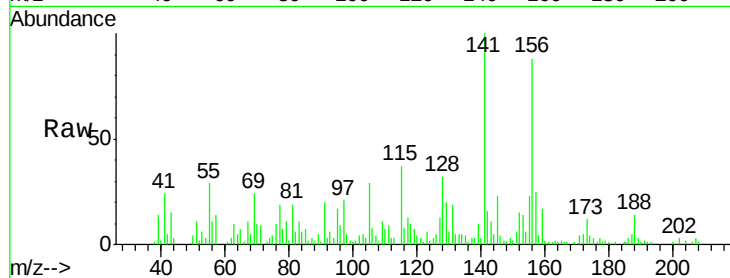
1364

Tot Ion:105 Resp: 7762

Ion Ratio Lower Upper

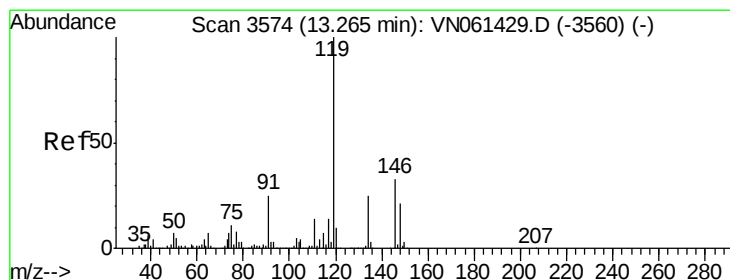
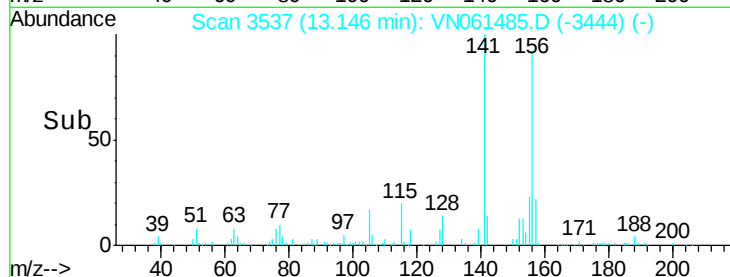
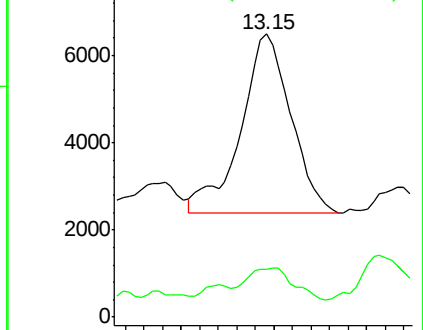
105 100

134 16.3 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: 0.434 ug/l

RT: 13.21 min Scan# 3558

Delta R.T. -0.05 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

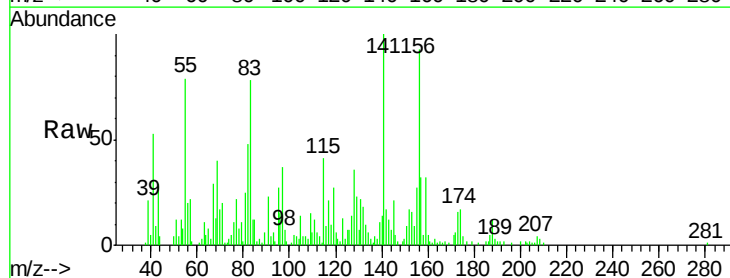
Tgt Ion:119 Resp: 8492

Ion Ratio Lower Upper

119 100

134 22.2 12.7 38.1

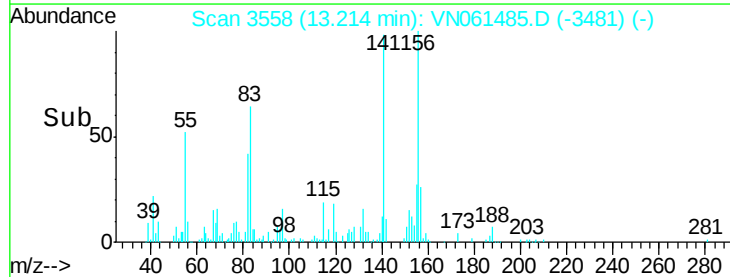
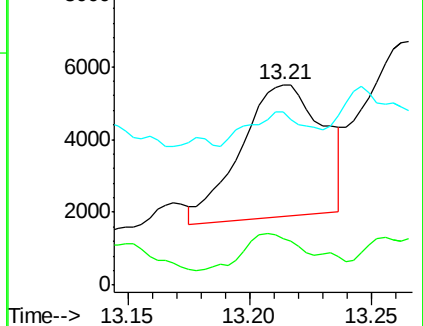
91 20.6 12.6 37.6

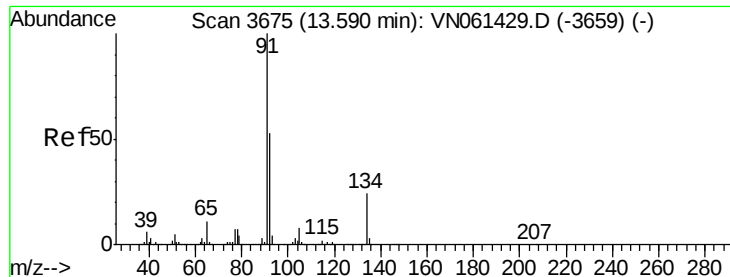


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.682 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

1364

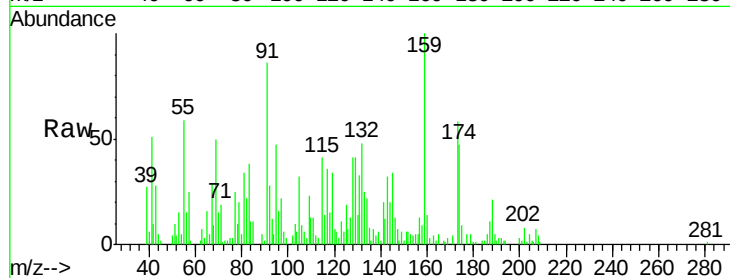
Tot Ion: 91 Resp: 12141

Ion Ratio Lower Upper

91 100

92 38.2 26.8 80.3

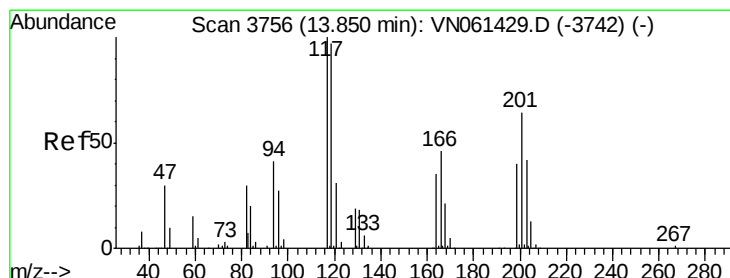
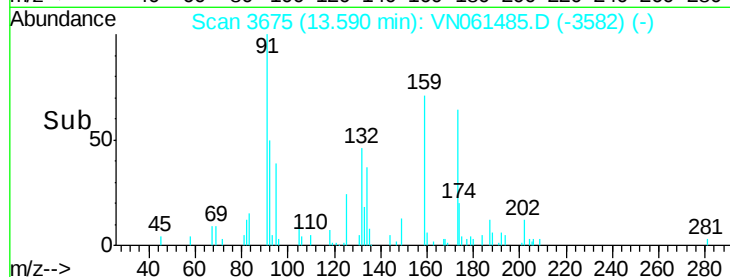
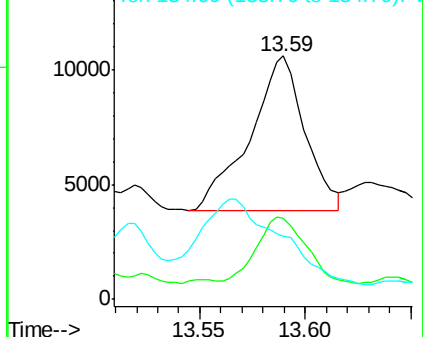
134 0.0 12.4 37.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 1.316 ug/l

RT: 13.86 min Scan# 3759

Delta R.T. 0.01 min

Lab File: VN061485.D

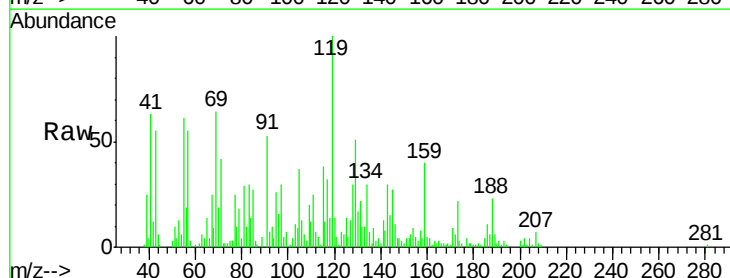
Acq: 19 May 2020 15:56

Tgt Ion: 117 Resp: 3494

Ion Ratio Lower Upper

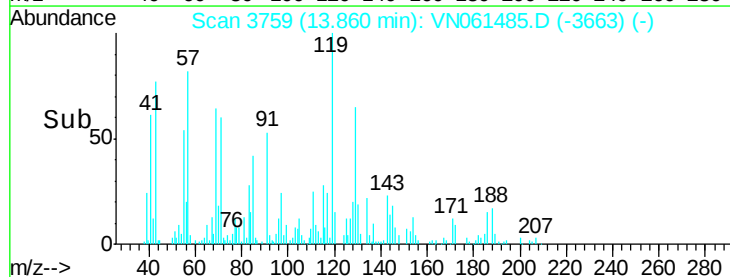
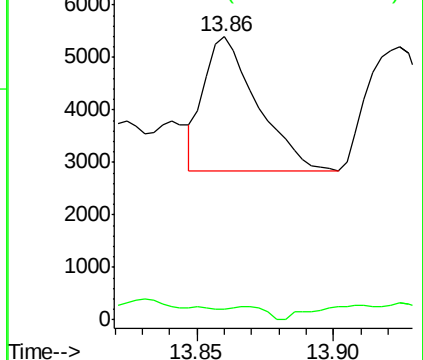
117 100

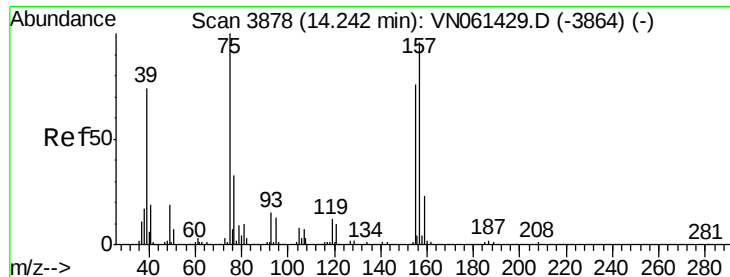
201 0.0 32.9 98.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.982 ug/l

RT: 14.23 min Scan# 3873

Delta R.T. -0.02 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

1364

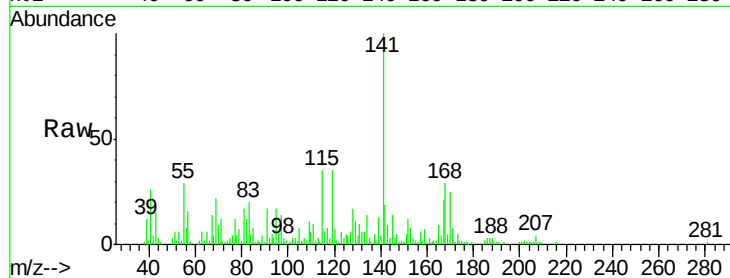
Tot Ion: 75 Resp: 1269

Ion Ratio Lower Upper

75 100

155 0.0 38.9 116.7#

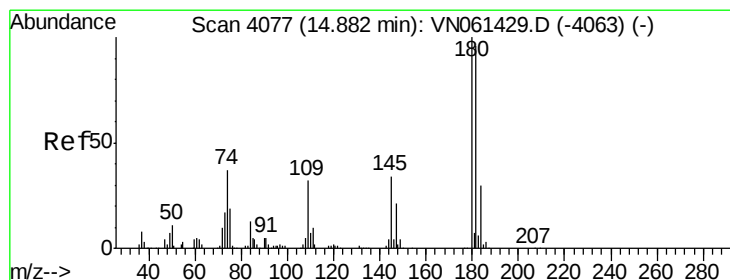
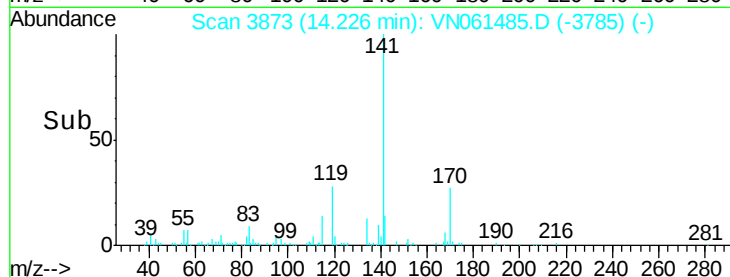
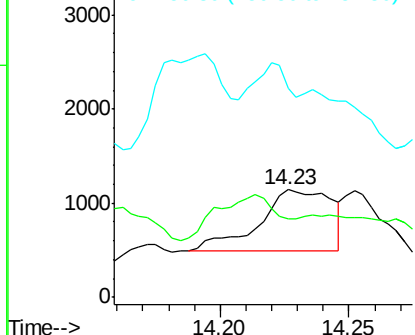
157 0.0 48.6 145.8#



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



#93

1,2,4-Trichlorobenzene

Concen: 0.228 ug/l

RT: 14.89 min Scan# 4080

Delta R.T. 0.01 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

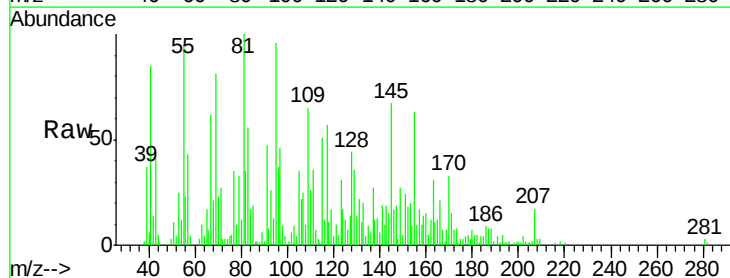
Tgt Ion:180 Resp: 1095

Ion Ratio Lower Upper

180 100

182 65.5 47.0 141.0

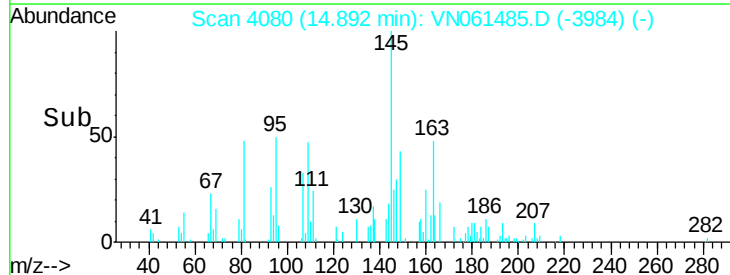
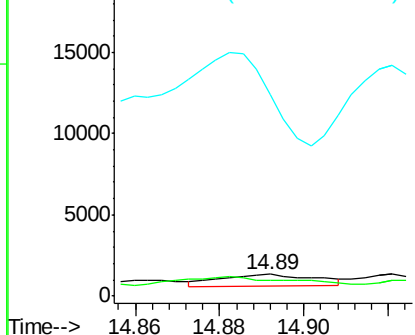
145 2533.8 16.7 50.0#

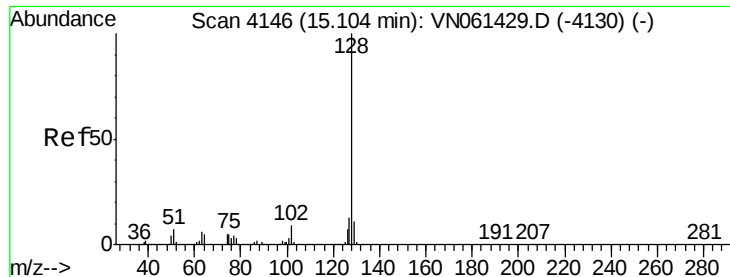


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 2.841 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

1364

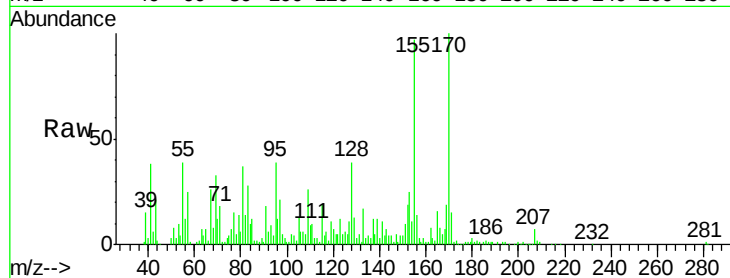
Tot Ion:128 Resp: 43398

Ion Ratio Lower Upper

128 100

127 33.4 10.1 15.1#

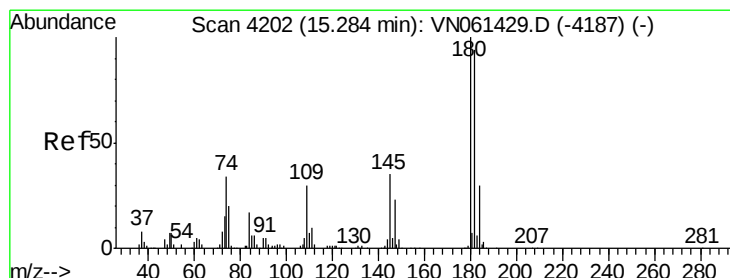
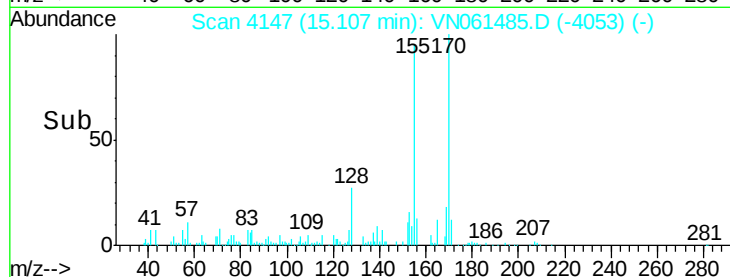
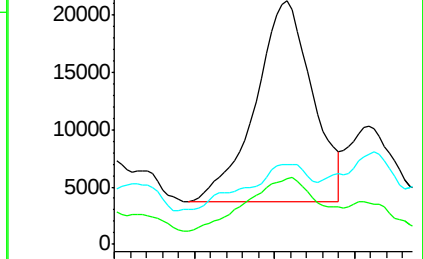
129 25.7 8.6 13.0#



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: 2.656 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.02 min

Lab File: VN061485.D

Acq: 19 May 2020 15:56

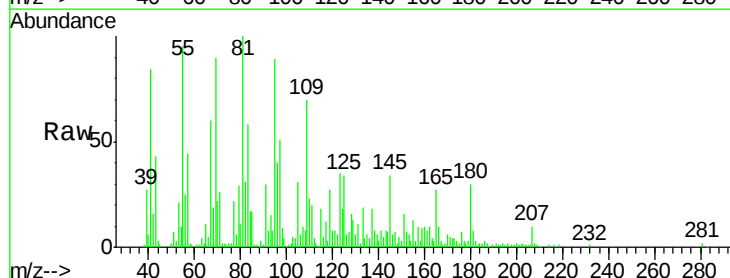
Tgt Ion:180 Resp: 12704

Ion Ratio Lower Upper

180 100

182 2.0 47.8 143.3#

145 0.0 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

