

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061565.D
 Acq On : 29 May 2020 14:25
 Operator : JC/MD
 Sample : L2803-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 04:42:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	278774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	502071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	482768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209076	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	176778	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
35) Dibromofluoromethane	7.55	113	139415	54.74	ug/l	0.00
Spiked Amount			Recovery	=	109.48%	
50) Toluene-d8	10.06	98	609033	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.38	95	220964	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	

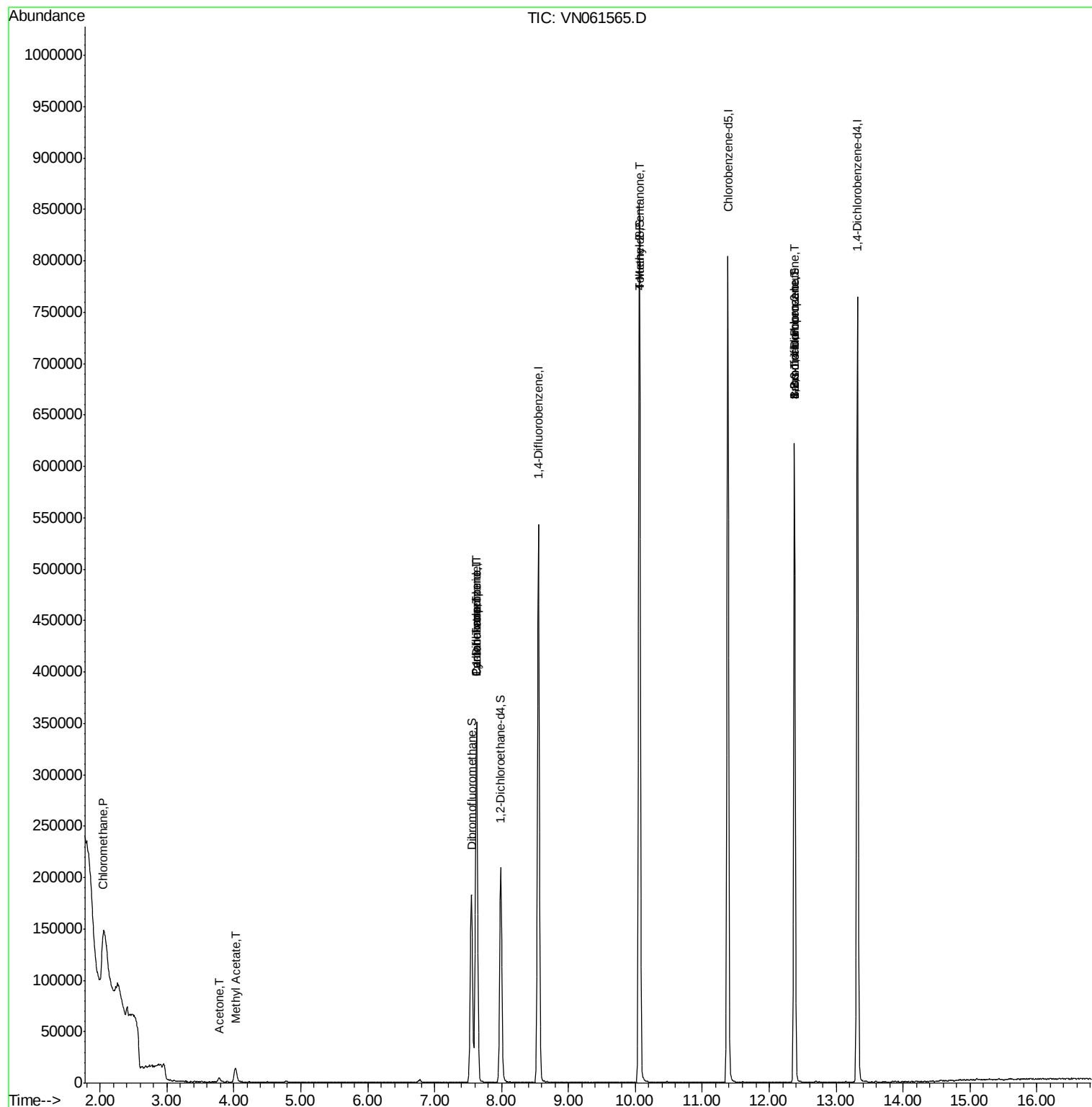
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1445	0.425	ug/l	95
16) Acetone	3.78	43	6828	1.290	ug/l	97
18) Methyl Acetate	4.03	43	4852	1.614	ug/l #	46
20) Methylene Chloride	4.51	84	105	Below Cal	#	11
31) Cyclohexane	7.62	56	5666	1.210	ug/l #	16
36) 1,1-Dichloropropene	7.63	75	21843	4.914	ug/l #	48
38) Carbon Tetrachloride	7.63	117	29125	6.794	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	2266	0.624	ug/l #	1
71) Bromoform	12.38	173	1148	0.399	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	113243	29.787	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	113243	76.172	ug/l #	15

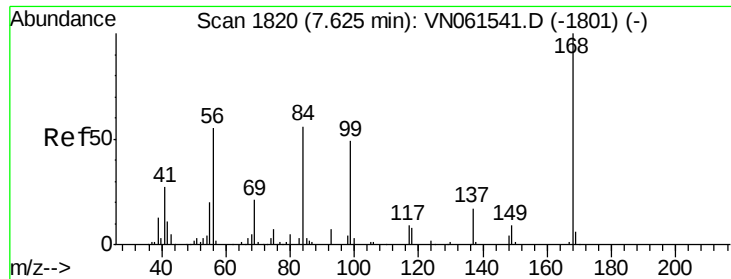
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052920\
Data File : VN061565.D
Acq On : 29 May 2020 14:25
Operator : JC/MD
Sample : L2803-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 30 04:42:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061565.D

Acq: 29 May 2020 14:25

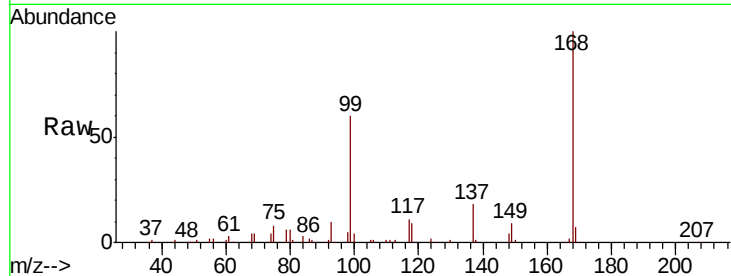
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 278774

Ion Ratio Lower Upper

168 100

99 59.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

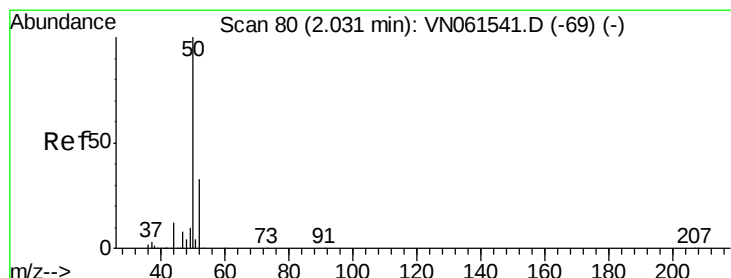
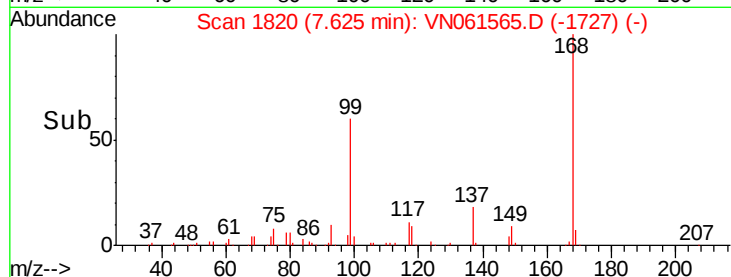
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.425 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.01 min

Lab File: VN061565.D

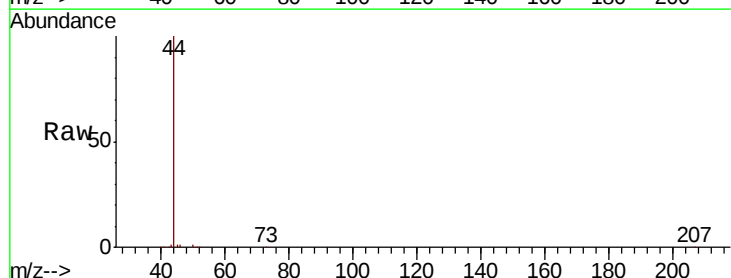
Acq: 29 May 2020 14:25

Tgt Ion: 50 Resp: 1445

Ion Ratio Lower Upper

50 100

52 36.1 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

1200

1000

800

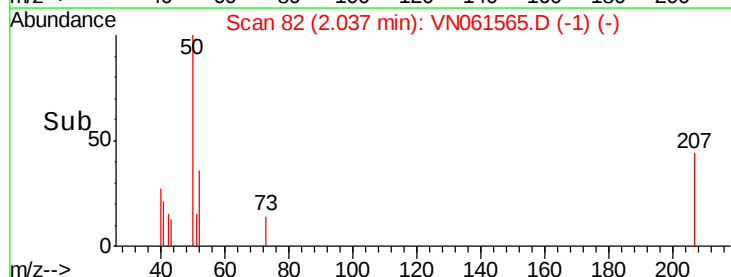
600

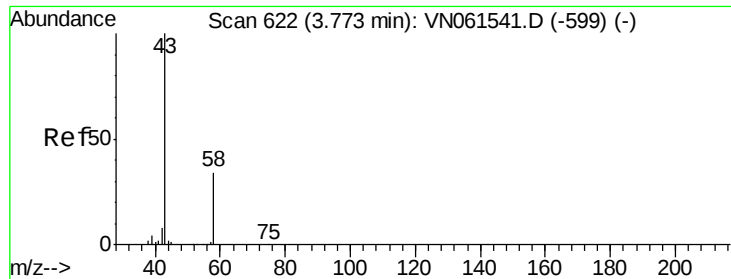
400

200

0

Time--> 2.00 2.02 2.04 2.06

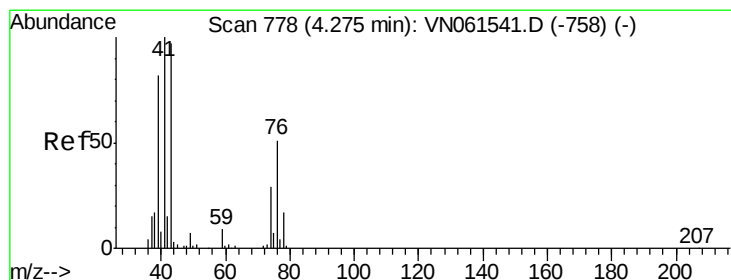
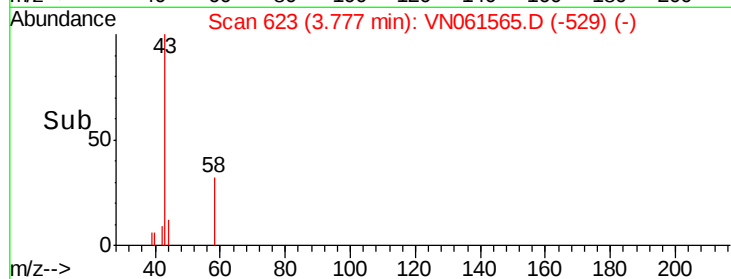
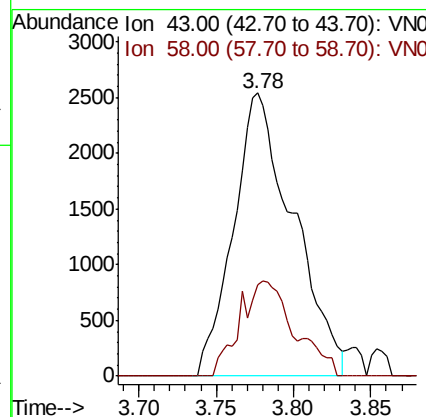
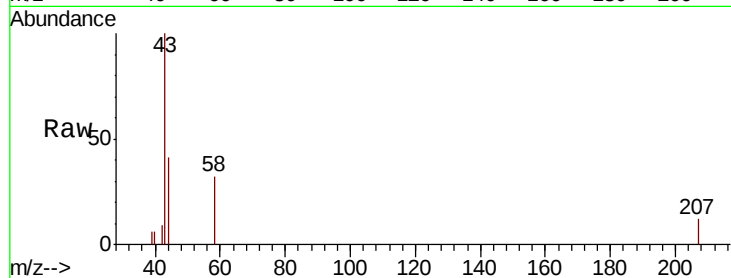




#16
Acetone
Concen: 1.290 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN061565.D
Acq: 29 May 2020 14:25

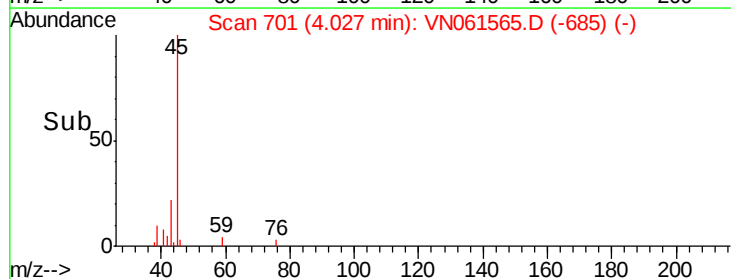
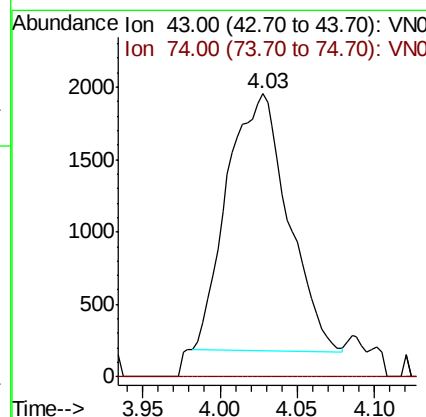
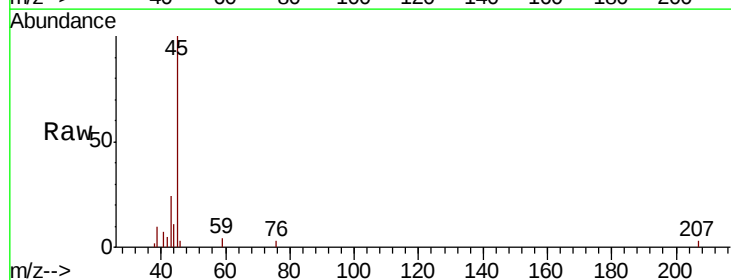
Instrument :
MSVOA_N
ClientSampleId :

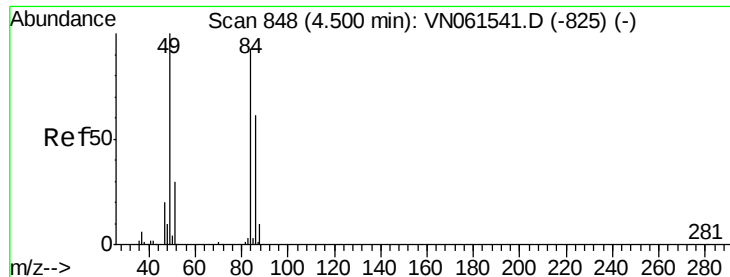
Tot Ion: 43 Resp: 6828
Ion Ratio Lower Upper
43 100
58 32.4 27.2 40.8



#18
Methyl Acetate
Concen: 1.614 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.25 min
Lab File: VN061565.D
Acq: 29 May 2020 14:25

Tgt Ion: 43 Resp: 4852
Ion Ratio Lower Upper
43 100
74 0.0 23.2 34.8#

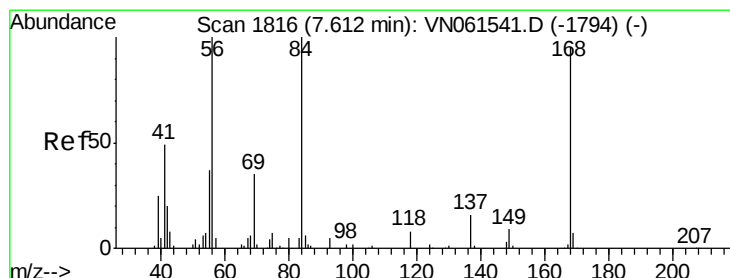
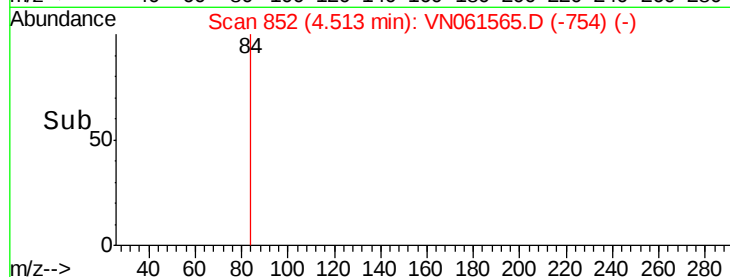
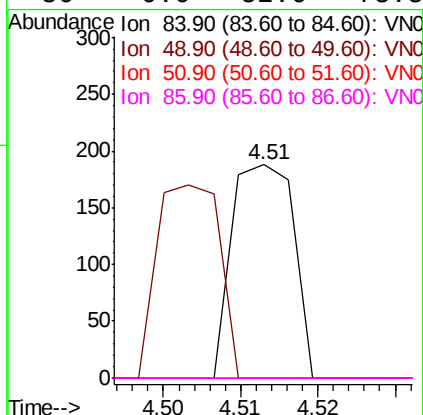
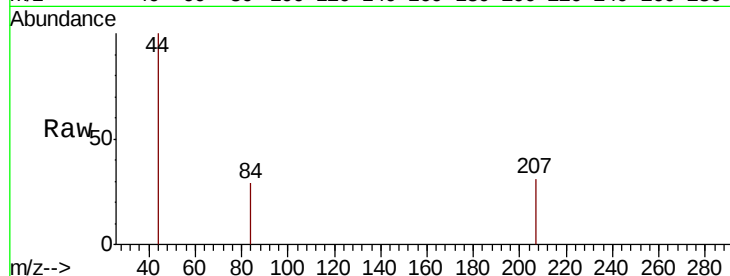




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.51 min Scan# 852
Delta R.T. 0.01 min
Lab File: VN061565.D
Acq: 29 May 2020 14:25

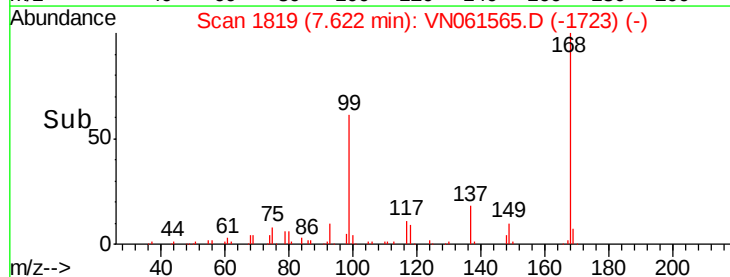
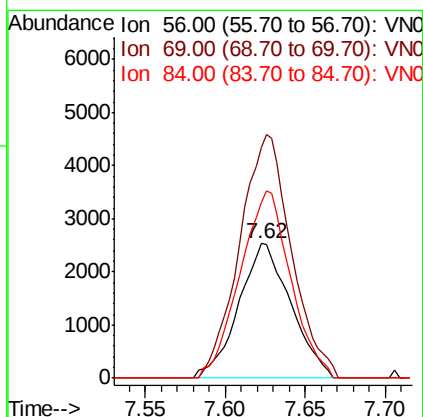
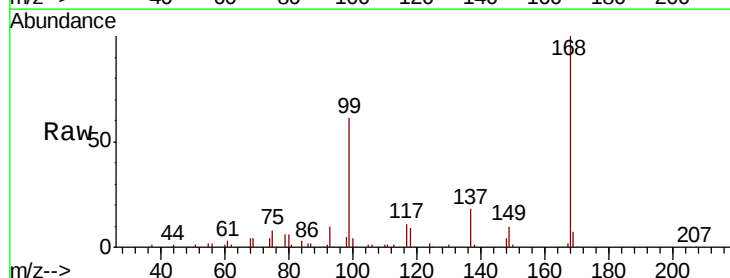
Instrument :
MSVOA_N
ClientSampleId :

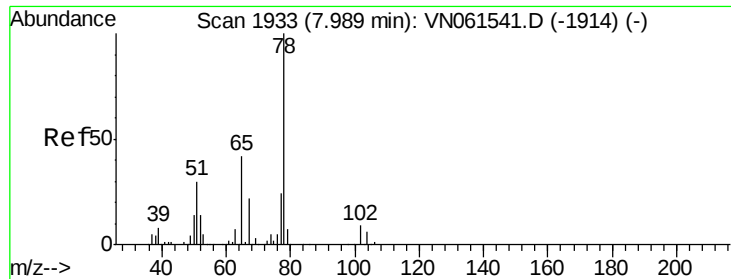
Tot Ion: 84 Resp: 105
Ion Ratio Lower Upper
84 100
49 0.0 85.8 128.8#
51 0.0 26.2 39.2#
86 0.0 52.6 78.8#



#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN061565.D
Acq: 29 May 2020 14:25

Tgt Ion: 56 Resp: 5666
Ion Ratio Lower Upper
56 100
69 171.3 27.8 41.8#
84 130.7 79.9 119.9#

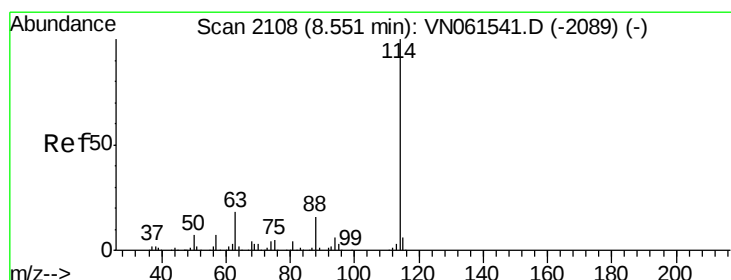
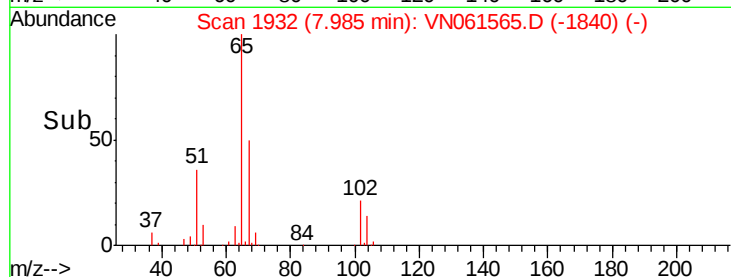
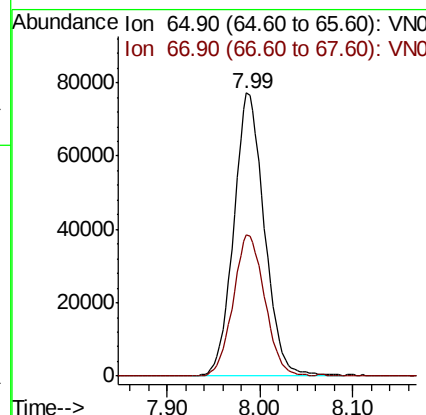
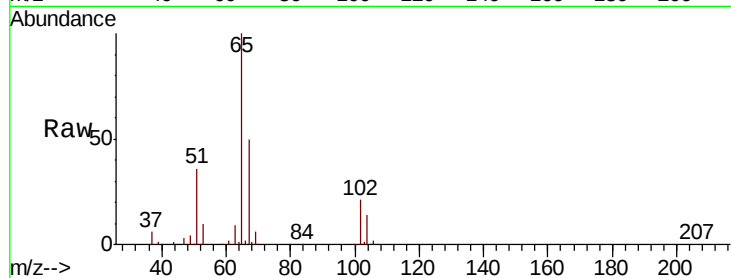




#33
 1,2-Dichloroethane-d4
 Concen: 53.224 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061565.D
 Acq: 29 May 2020 14:25

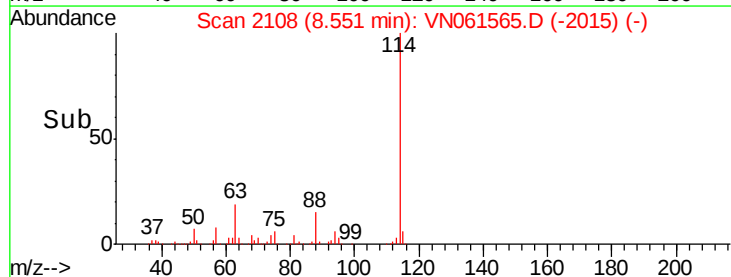
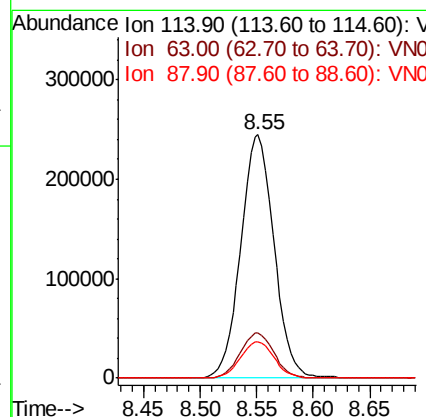
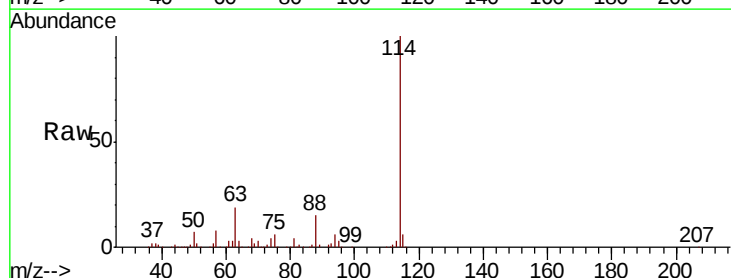
Instrument :
 MSVOA_N
 ClientSampleId :

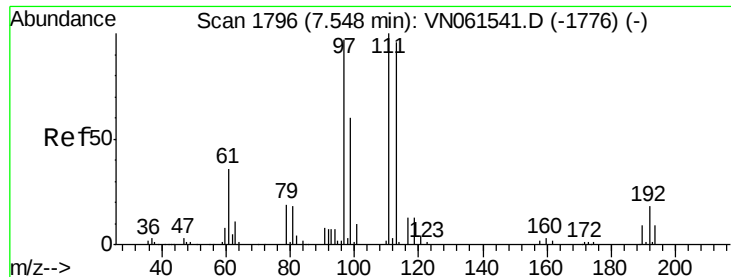
Tot Ion: 65 Resp: 176778
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061565.D
 Acq: 29 May 2020 14:25

Tgt Ion: 114 Resp: 502071
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 35.8
 88 15.1 0.0 31.0

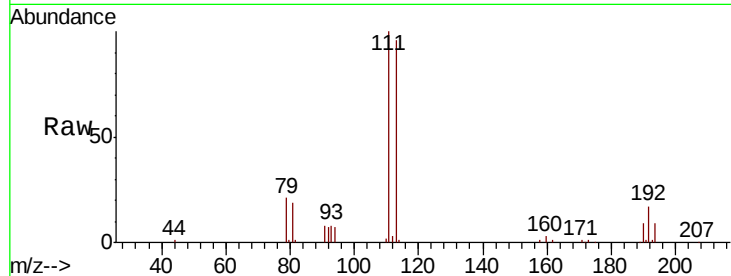




#35
 Dibromofluoromethane
 Concen: 54.739 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061565.D
 Acq: 29 May 2020 14:25

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.4	125.0
192	18.1	15.4	23.2

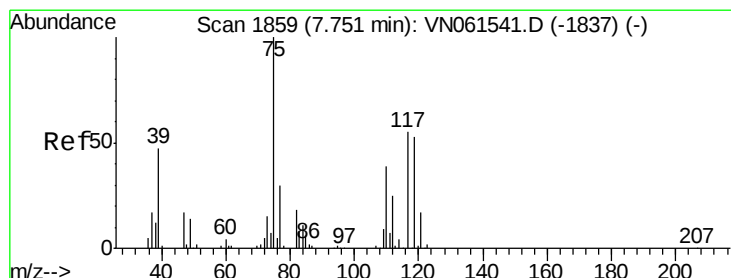
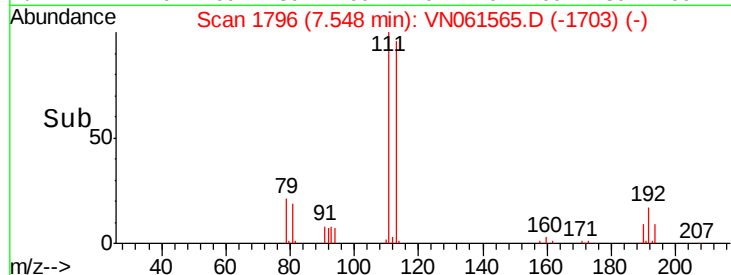
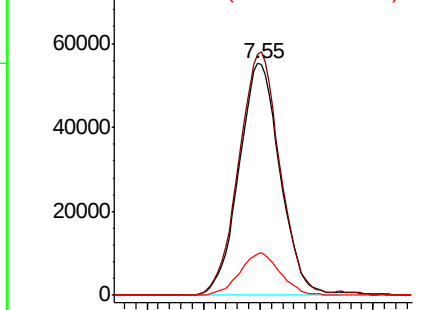


Abundance

Ion 112.80 (112.50 to 113.50): V

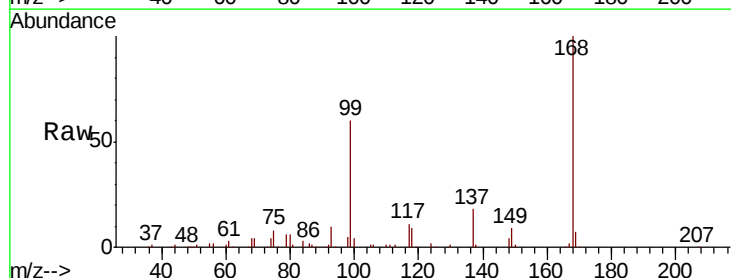
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.914 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN061565.D
 Acq: 29 May 2020 14:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.5	58.5#
77	0.0	24.7	37.1#

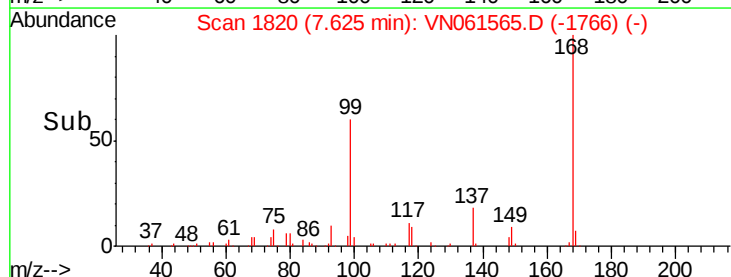
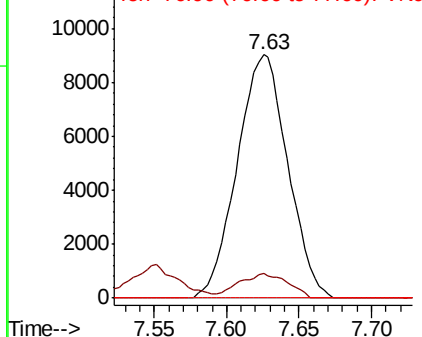


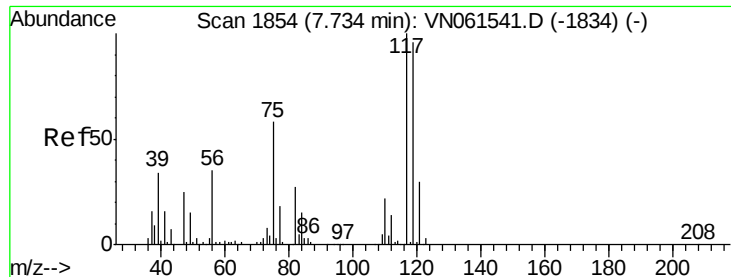
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

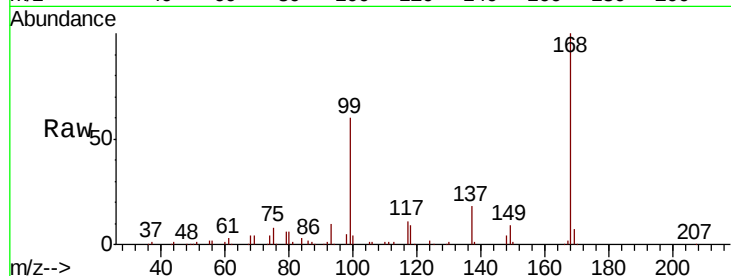




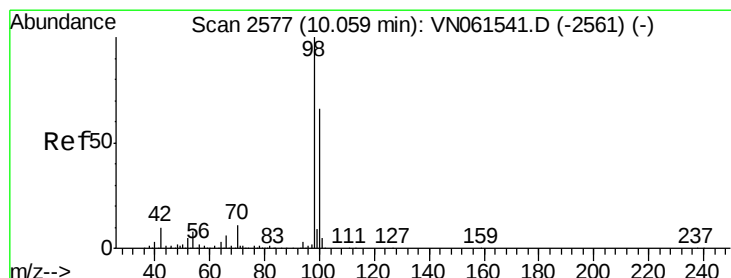
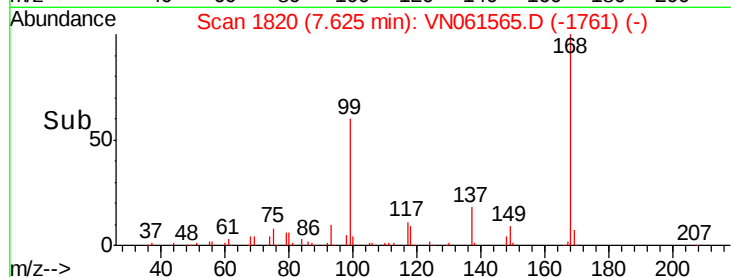
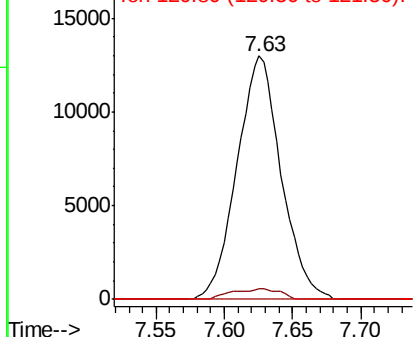
#38
Carbon Tetrachloride
Concen: 6.794 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061565.D
Acq: 29 May 2020 14:25

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 29125
Ion Ratio Lower Upper
117 100
119 4.4 76.5 114.7#
121 0.0 24.1 36.1#

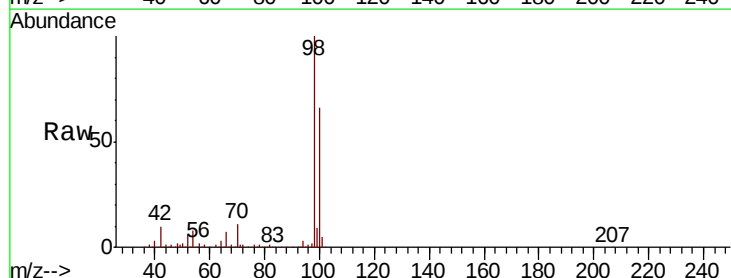


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

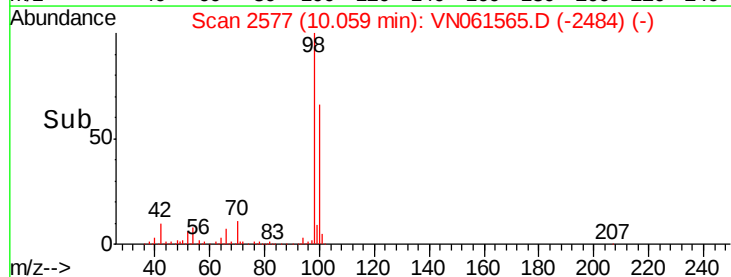
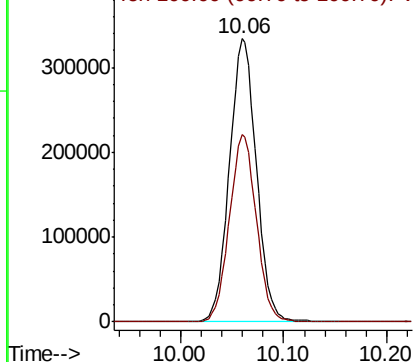


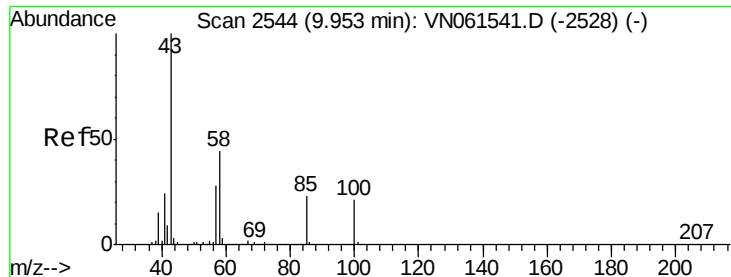
#50
Toluene-d8
Concen: 51.601 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061565.D
Acq: 29 May 2020 14:25

Tgt Ion: 98 Resp: 609033
Ion Ratio Lower Upper
98 100
100 66.2 52.8 79.2



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





#51

4-Methyl-2-Pentanone

Concen: 0.624 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. 0.10 min

Lab File: VN061565.D

Acq: 29 May 2020 14:25

Instrument :

MSVOA_N

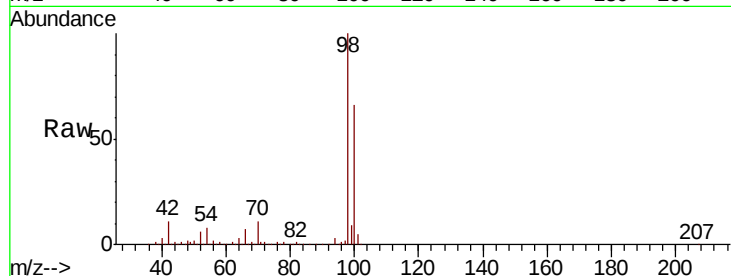
ClientSampleId :

Tot Ion: 43 Resp: 2266

Ion Ratio Lower Upper

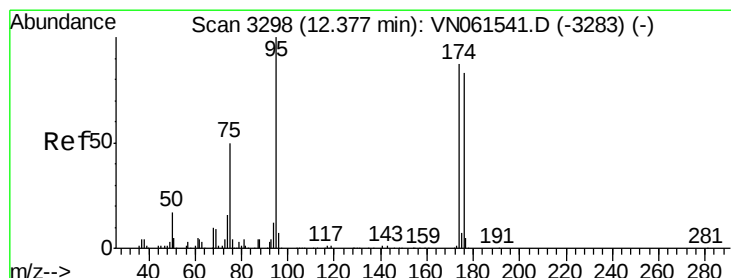
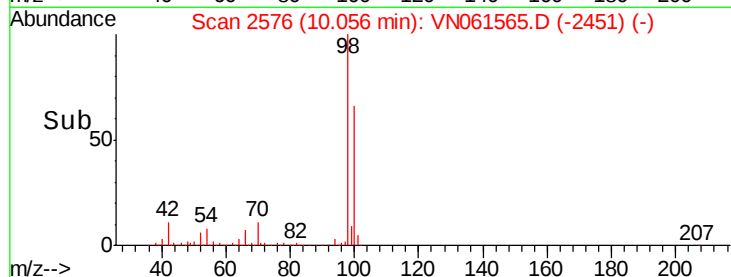
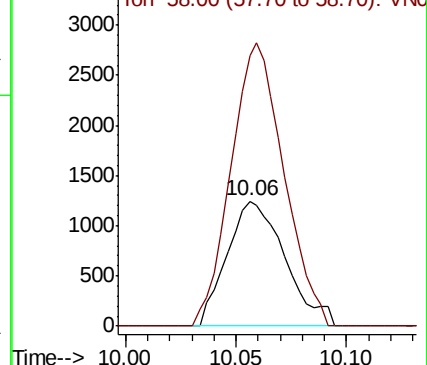
43 100

58 207.0 35.0 52.6#



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)



#62

4-Bromofluorobenzene

Concen: 51.315 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061565.D

Acq: 29 May 2020 14:25

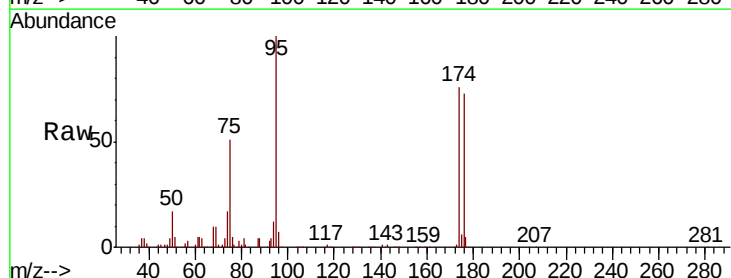
Tgt Ion: 95 Resp: 220964

Ion Ratio Lower Upper

95 100

174 77.0 0.0 172.8

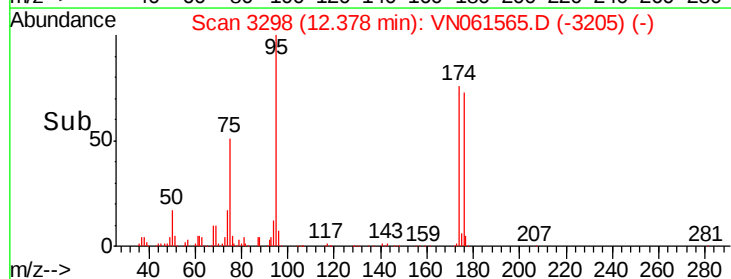
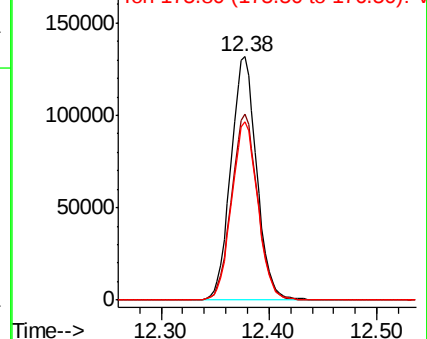
176 73.8 0.0 164.8

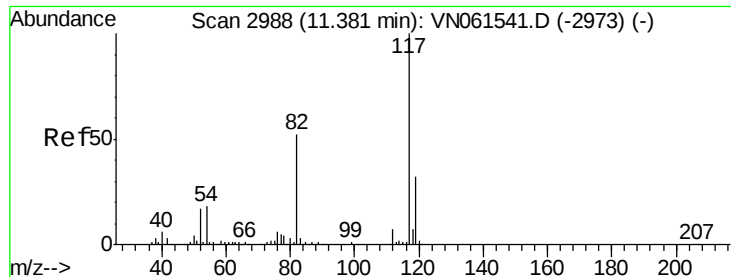


Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)

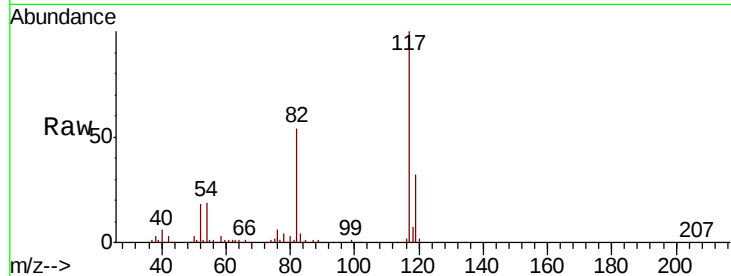




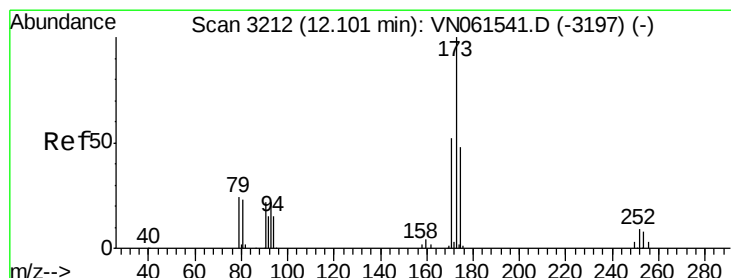
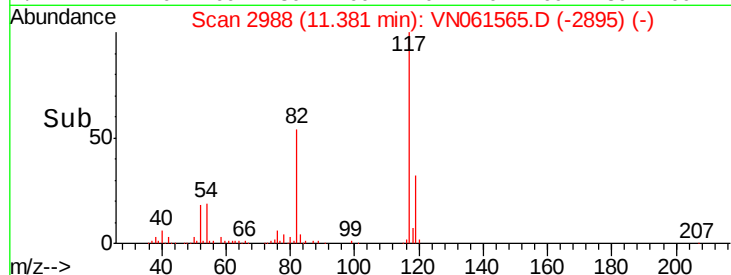
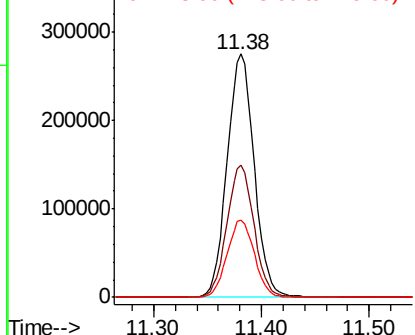
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061565.D
Acq: 29 May 2020 14:25

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 482768
Ion Ratio Lower Upper
117 100
82 54.1 41.5 62.3
119 31.8 25.6 38.4

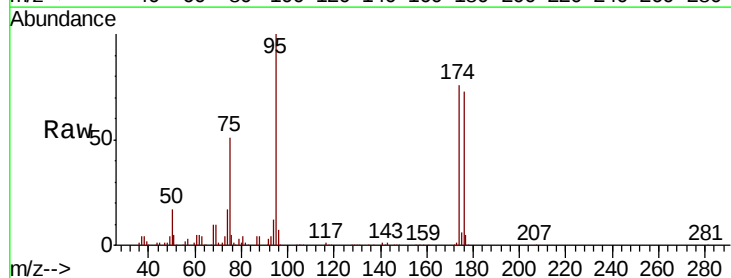


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

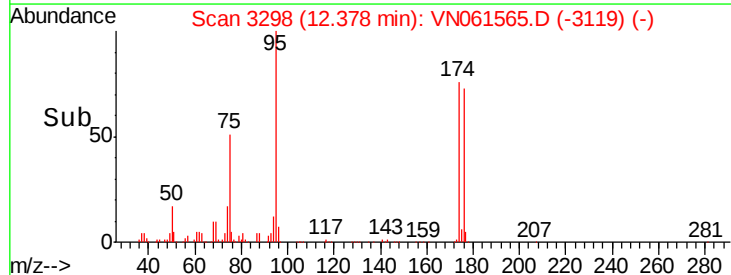
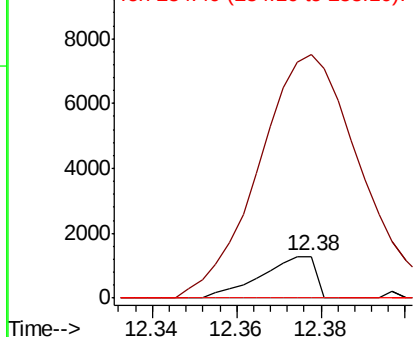


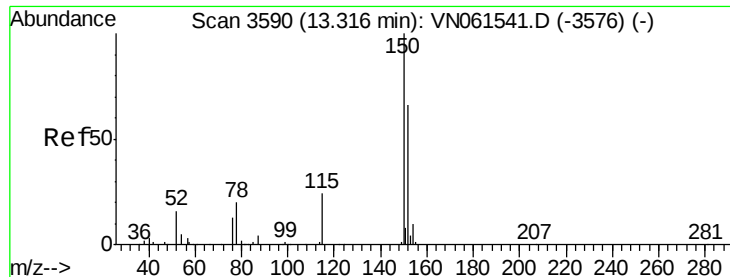
#71
Bromoform
Concen: 0.399 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061565.D
Acq: 29 May 2020 14:25

Tgt Ion:173 Resp: 1148
Ion Ratio Lower Upper
173 100
175 918.9 24.4 73.2#
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: VN061565.D

Acq: 29 May 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

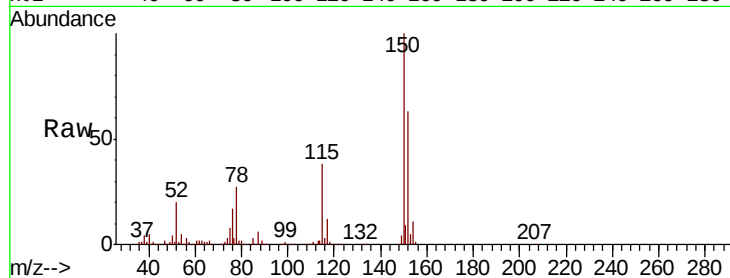
Tot Ion:152 Resp: 209076

Ion Ratio Lower Upper

152 100

115 60.0 28.0 84.0

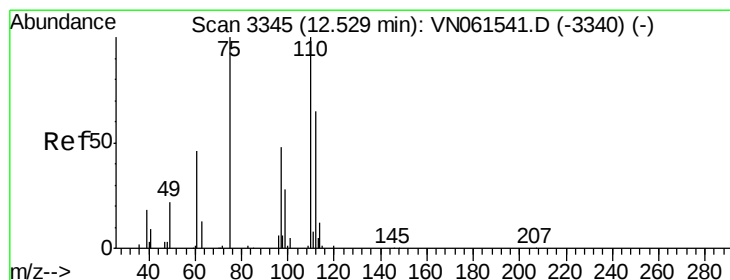
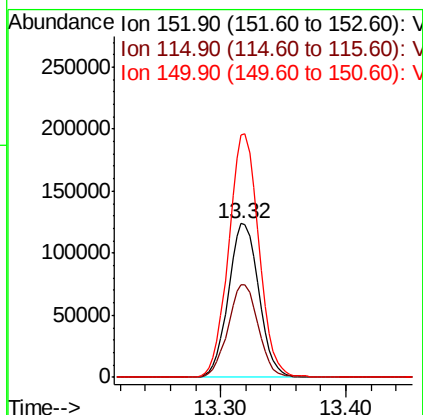
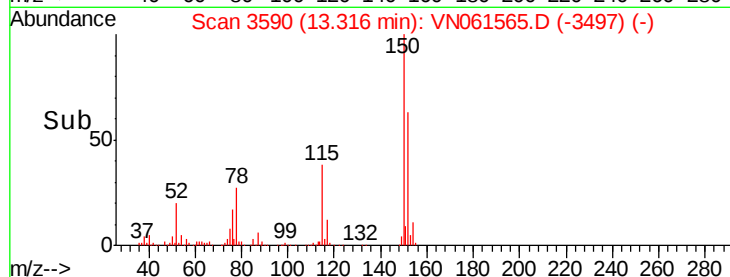
150 156.6 0.0 344.0



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



#76

1,2,3-Trichloropropane

Concen: 29.787 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061565.D

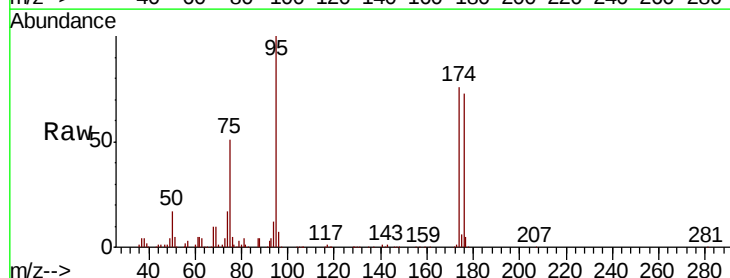
Acq: 29 May 2020 14:25

Tgt Ion: 75 Resp: 113243

Ion Ratio Lower Upper

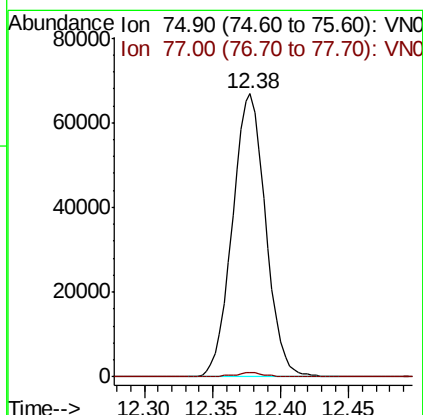
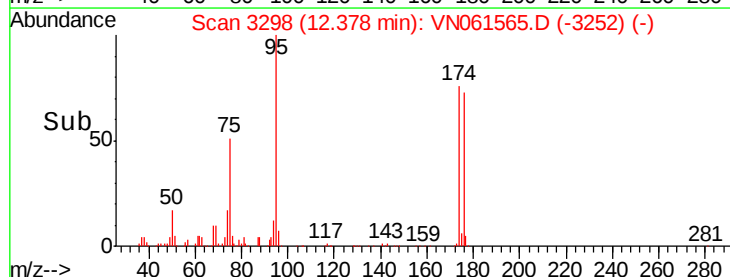
75 100

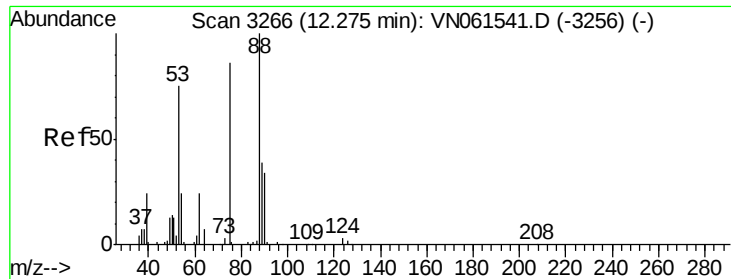
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 76.172 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061565.D

Acq: 29 May 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

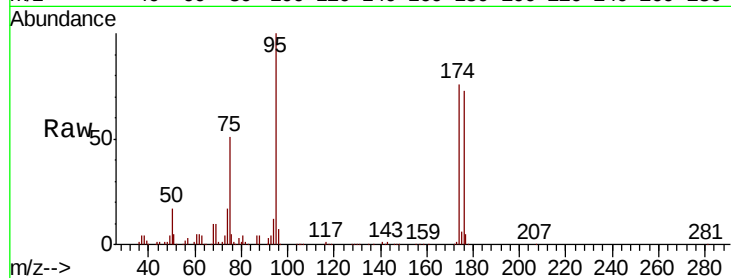
Tot Ion: 75 Resp: 113243

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

