

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067577.D
 Acq On : 10 Nov 2020 12:48
 Operator : VA/SY
 Sample : L4658-03
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 361-CL

Quant Time: Nov 11 00:04:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

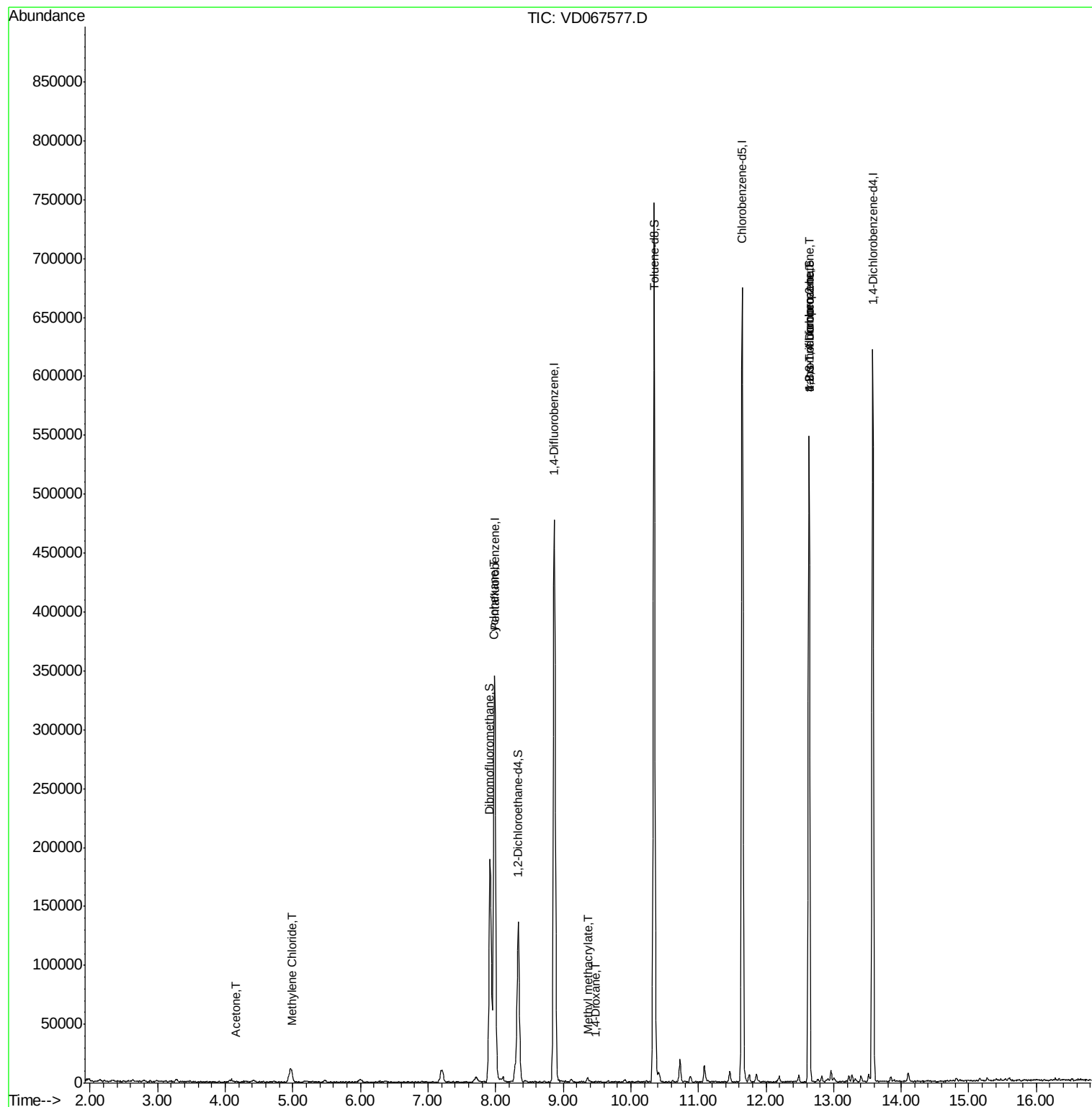
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	263145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	429352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	414146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	170359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	116219	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	7.91	113	134829	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
50) Toluene-d8	10.34	98	499688	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
62) 4-Bromofluorobenzene	12.64	95	162538	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	1370	Below Cal		79
11) Tert butyl alcohol	5.24	59	63	Below Cal	#	79
16) Acetone	4.17	43	610	1.772	ug/l #	43
20) Methylene Chloride	4.99	84	10732	4.412	ug/l #	77
31) Cyclohexane	7.97	56	6674	2.000	ug/l #	48
48) Methyl methacrylate	9.37	41	994	1.020	ug/l #	34
49) 1,4-Dioxane	9.48	88	73	5.254	ug/l #	31
76) 1,2,3-Trichloropropane	12.64	75	87619	85.257	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	87619	173.095	ug/l #	10

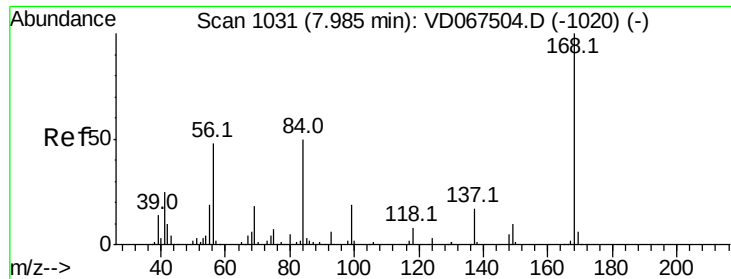
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 11 00:04:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067577.D

Acq: 10 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

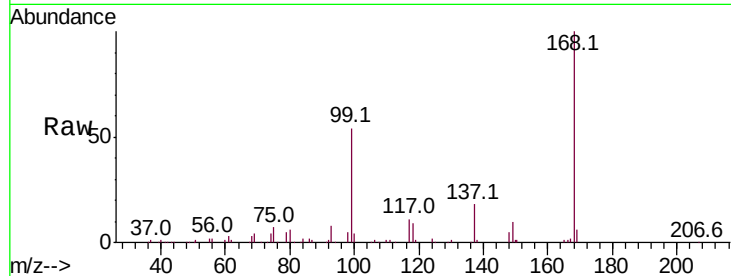
361-CL

Tot Ion:168 Resp: 263145

Ion Ratio Lower Upper

168 100

99 53.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

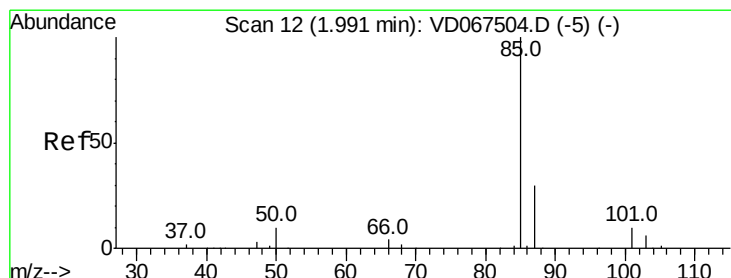
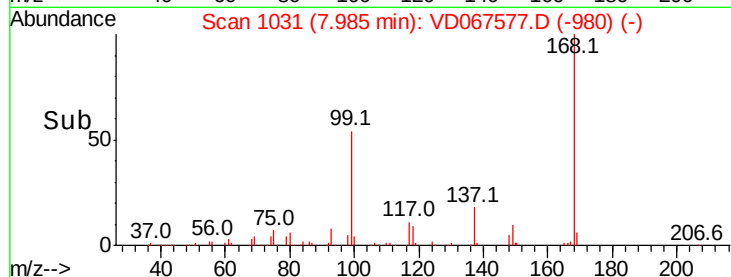
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067577.D

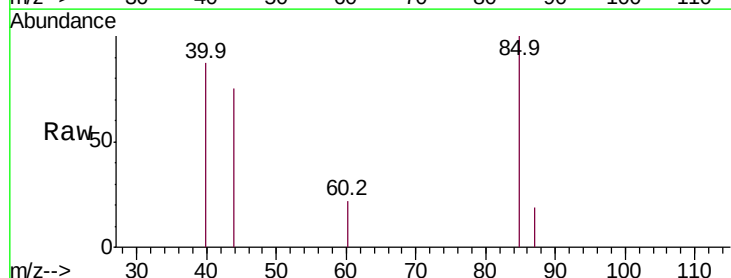
Acq: 10 Nov 2020 12:48

Tgt Ion: 85 Resp: 1370

Ion Ratio Lower Upper

85 100

87 19.2 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

1200

1000

800

600

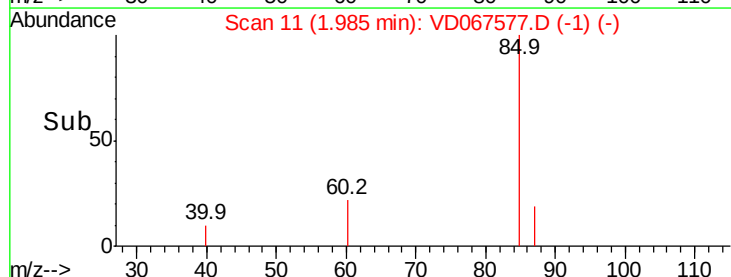
400

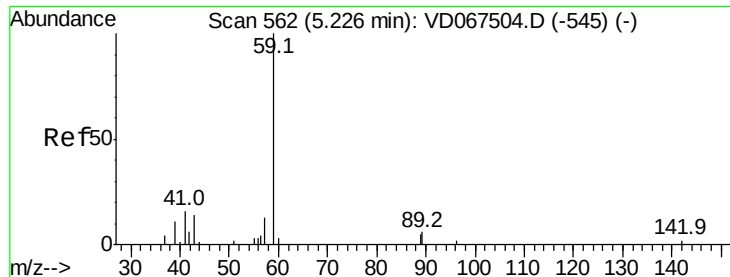
200

0

Time-->

1.95 2.00



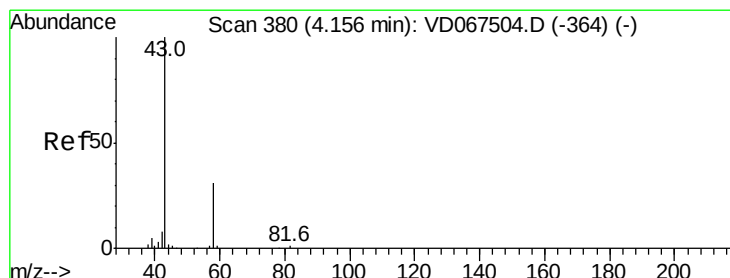
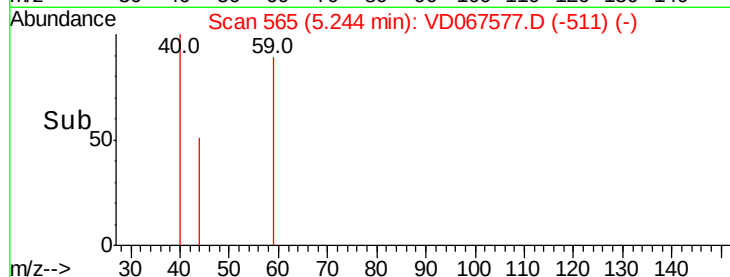
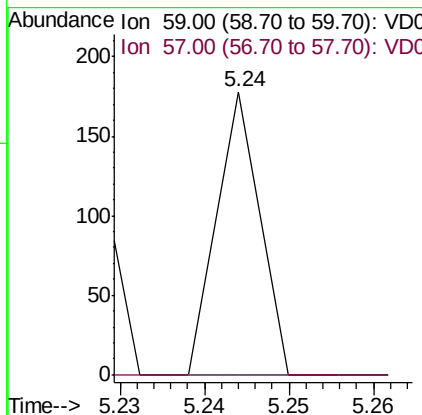
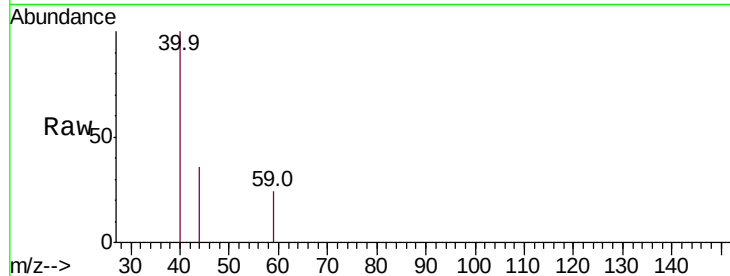


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.24 min Scan# 565
Delta R.T. 0.02 min
Lab File: VD067577.D
Acq: 10 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
361-CL

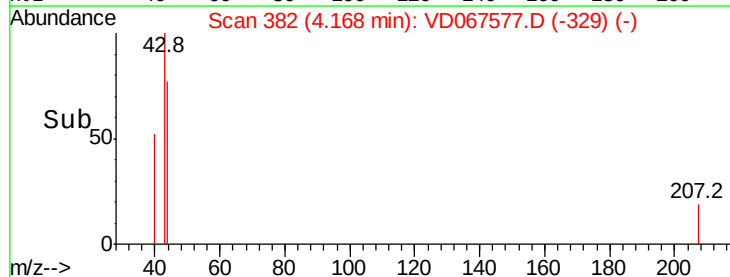
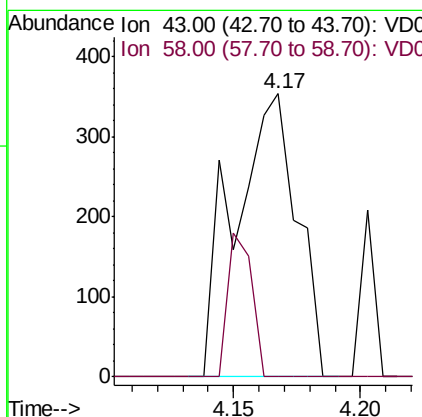
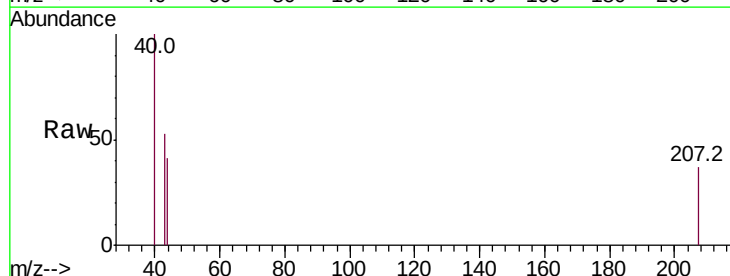
Tot Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#

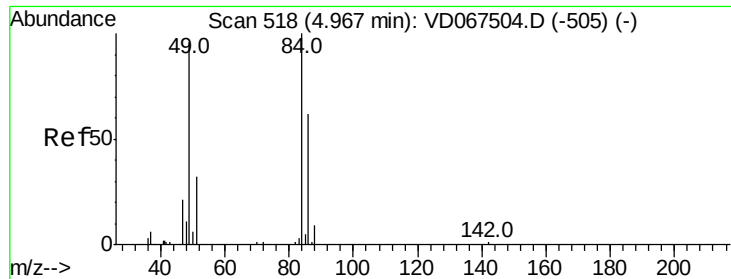


#16

Acetone
Concen: 1.772 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD067577.D
Acq: 10 Nov 2020 12:48

Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#

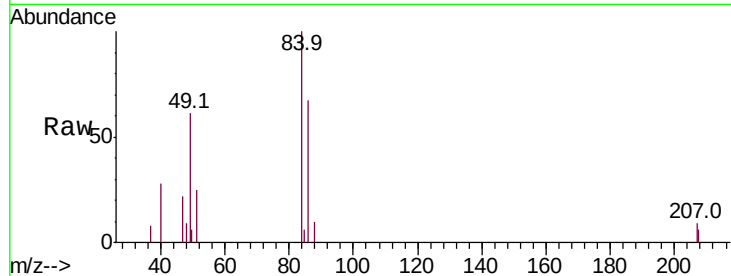




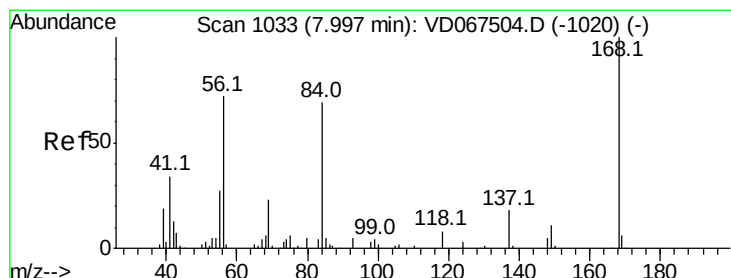
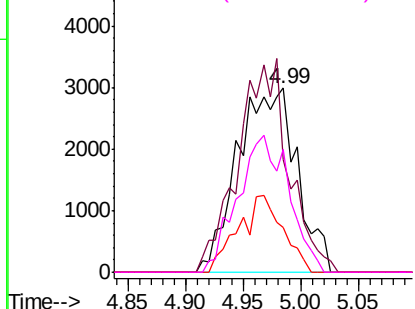
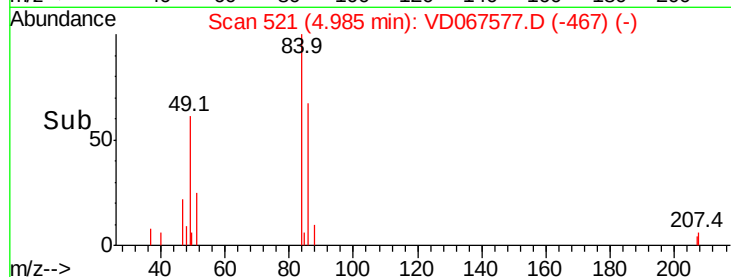
#20
Methylene Chloride
Concen: 4.412 ug/l
RT: 4.99 min Scan# 521
Delta R.T. 0.02 min
Lab File: VD067577.D
Acq: 10 Nov 2020 12:48

Instrument :
MSVOA_D
ClientSampled :
361-CL

Tot Ion: 84 Resp: 10732
Ion Ratio Lower Upper
84 100
49 61.3 77.0 115.4#
51 24.7 25.4 38.2#
86 67.1 49.4 74.0

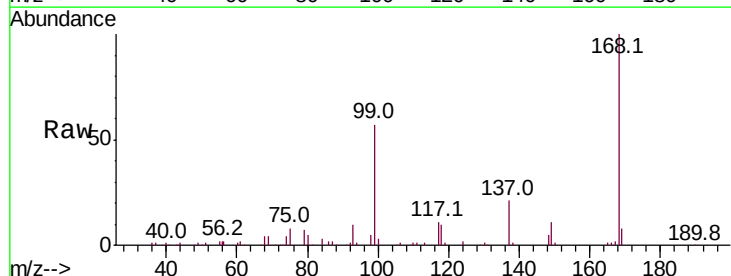


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

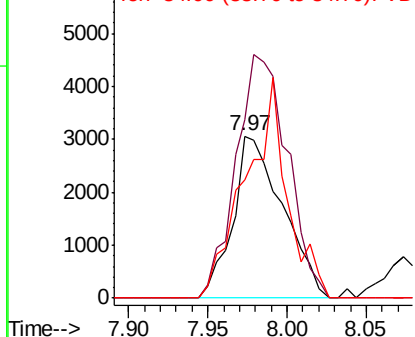
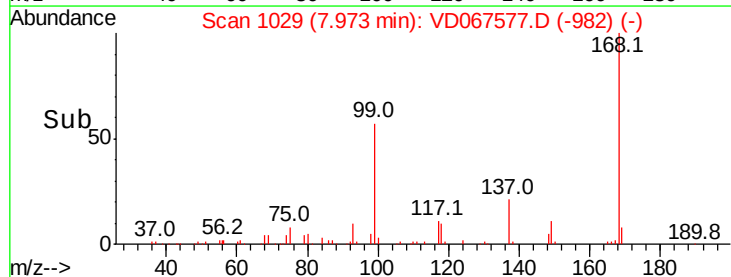


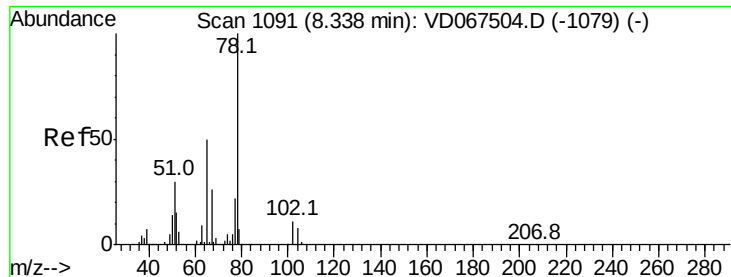
#31
Cyclohexane
Concen: 2.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.02 min
Lab File: VD067577.D
Acq: 10 Nov 2020 12:48

Tgt Ion: 56 Resp: 6674
Ion Ratio Lower Upper
56 100
69 110.1 25.9 38.9#
84 73.1 76.2 114.4#



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

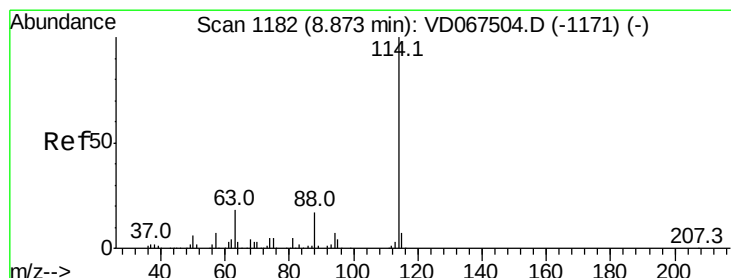
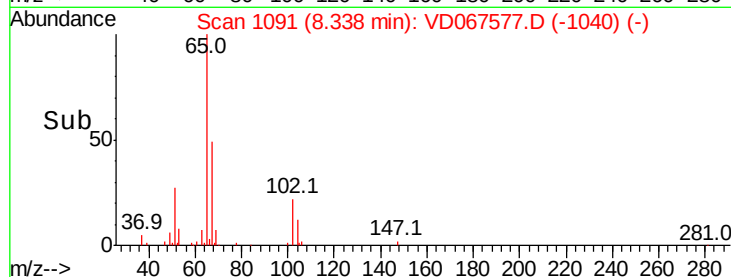
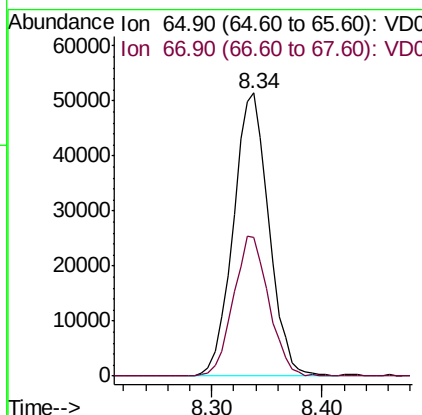
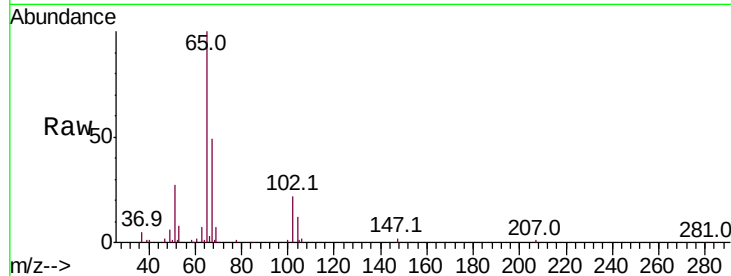




#33
 1,2-Dichloroethane-d4
 Concen: 50.510 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067577.D
 Acq: 10 Nov 2020 12:48

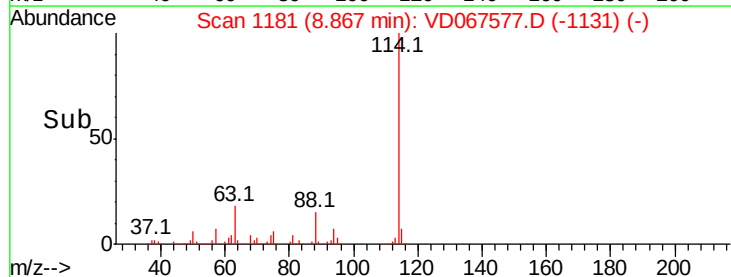
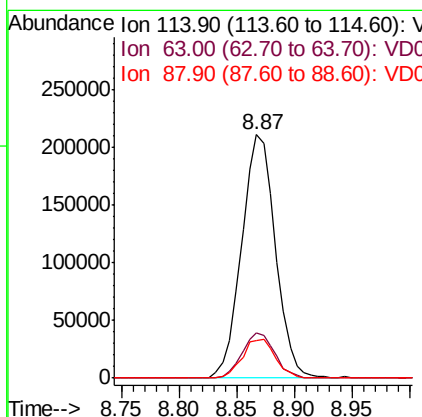
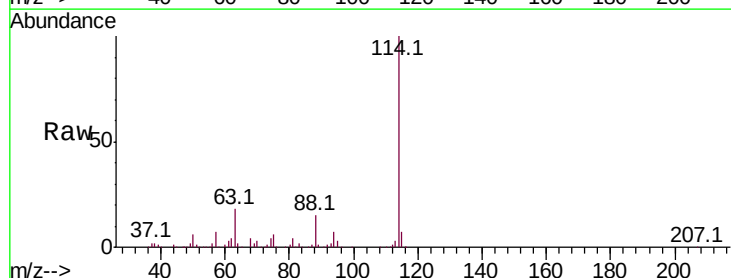
Instrument :
 MSVOA_D
 ClientSampleId :
 361-CL

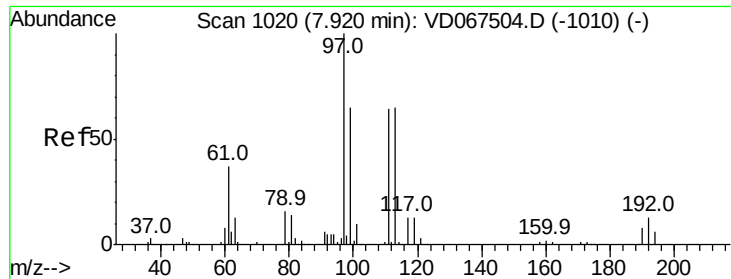
Tot Ion: 65 Resp: 116219
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067577.D
 Acq: 10 Nov 2020 12:48

Tgt Ion: 114 Resp: 429352
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.0
 88 15.2 0.0 33.0

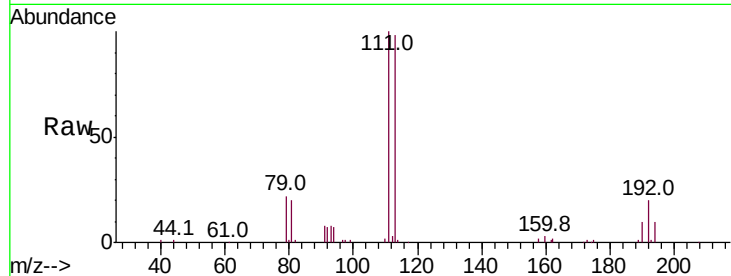




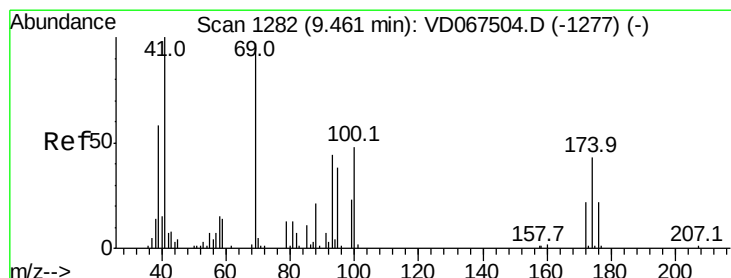
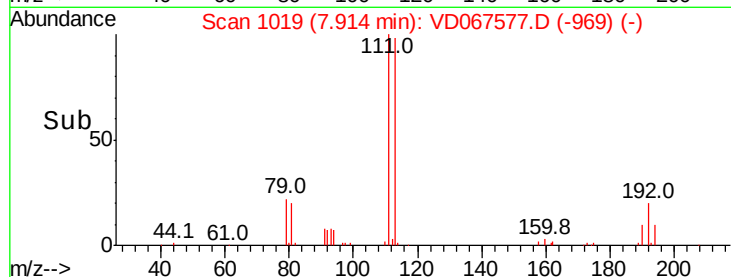
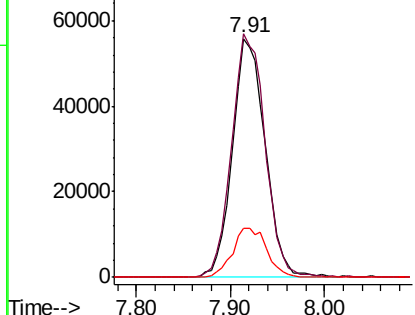
#35
 Dibromofluoromethane
 Concen: 52.121 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067577.D
 Acq: 10 Nov 2020 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 361-CL

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.0	120.0
192	21.3	16.3	24.5

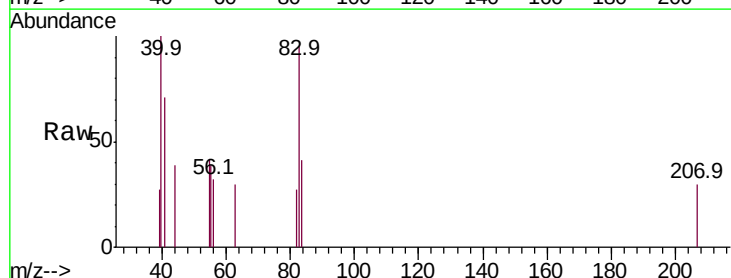


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

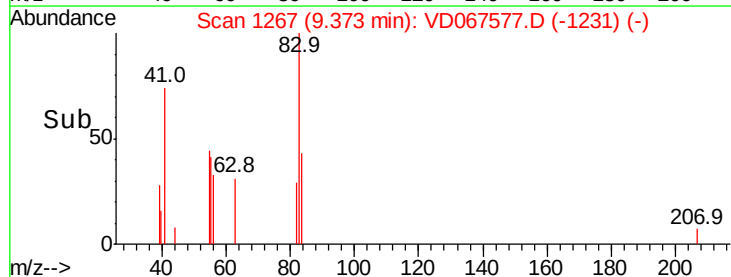
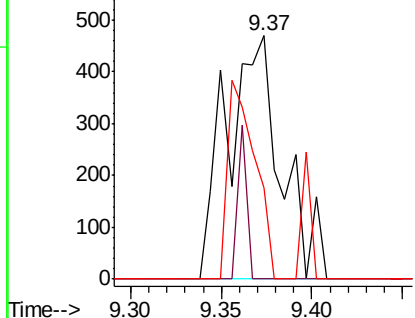


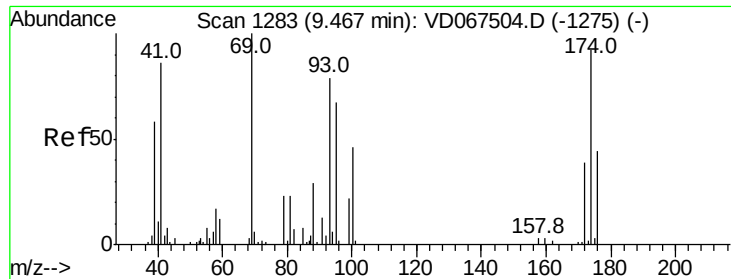
#48
 Methyl methacrylate
 Concen: 1.020 ug/l
 RT: 9.37 min Scan# 1267
 Delta R.T. -0.09 min
 Lab File: VD067577.D
 Acq: 10 Nov 2020 12:48

Tgt Ion	Ratio	Lower	Upper
41	100		
69	10.6	80.6	121.0#
39	40.4	50.2	75.4#



Abundance Ion 41.00 (40.70 to 41.70): VDC
 Ion 69.00 (68.70 to 69.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 5.254 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VD067577.D

Acq: 10 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

361-CL

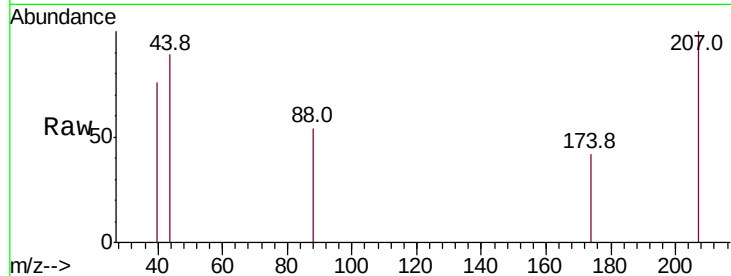
Tot Ion: 88 Resp: 73

Ion Ratio Lower Upper

88 100

43 0.0 23.6 35.4#

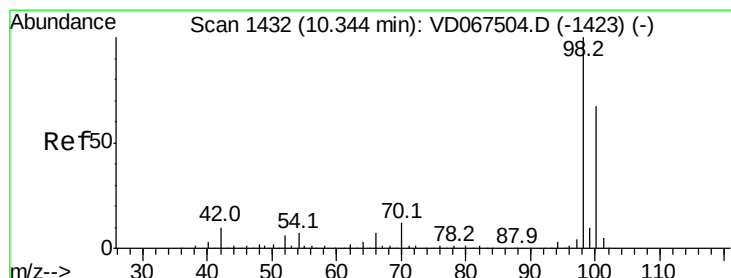
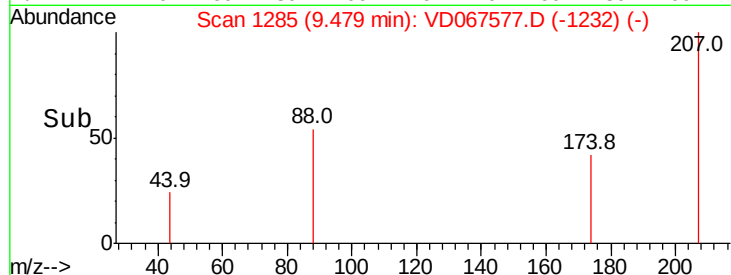
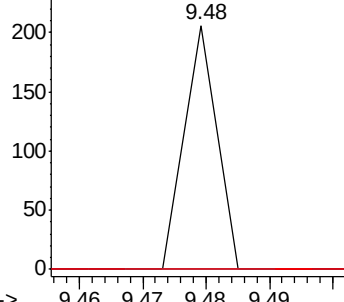
58 0.0 44.7 67.1#



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 54.967 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067577.D

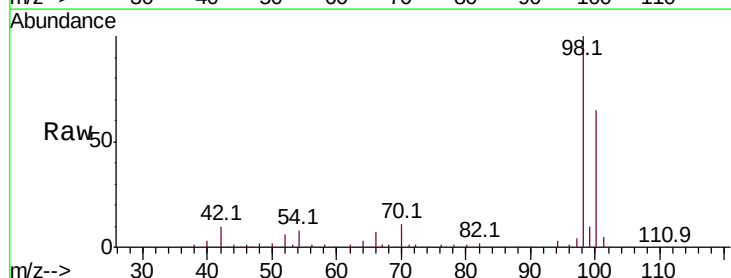
Acq: 10 Nov 2020 12:48

Tgt Ion: 98 Resp: 499688

Ion Ratio Lower Upper

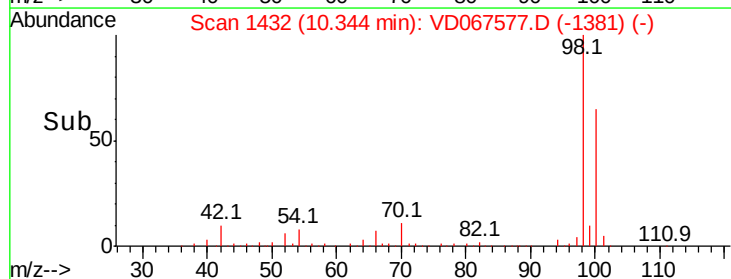
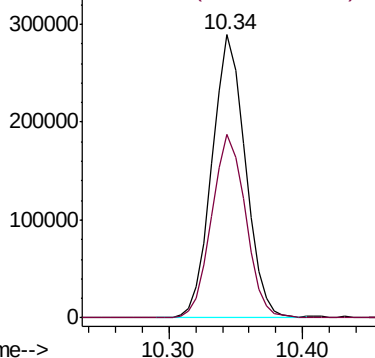
98 100

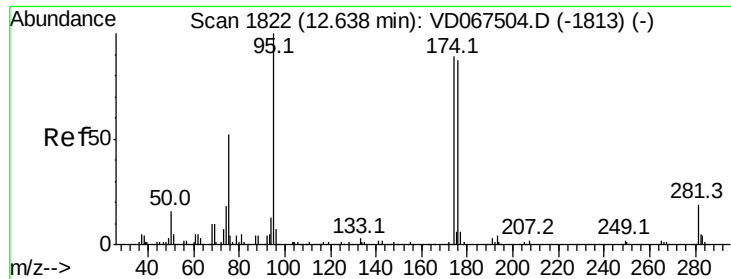
100 66.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

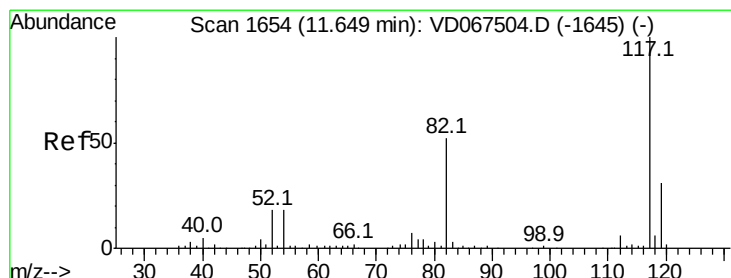
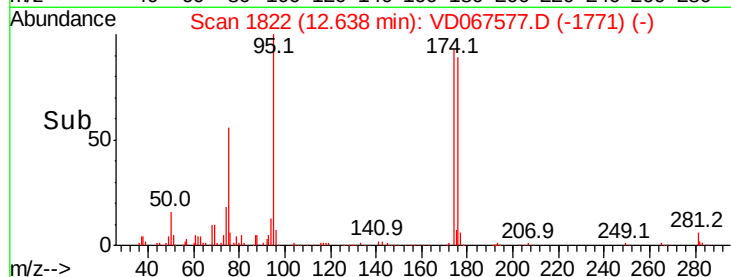
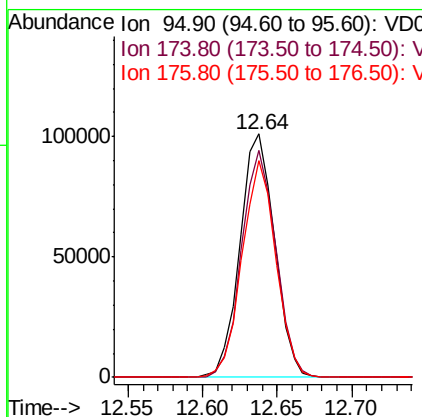
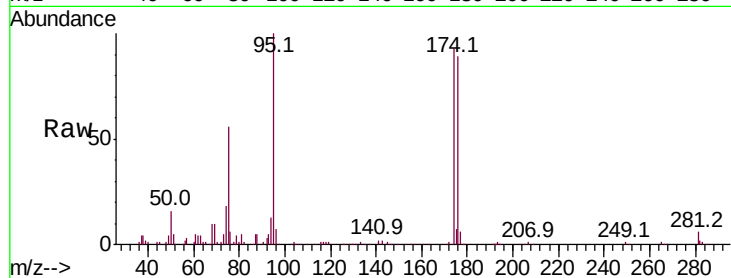




#62
4-Bromofluorobenzene
Concen: 51.788 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067577.D
Acq: 10 Nov 2020 12:48

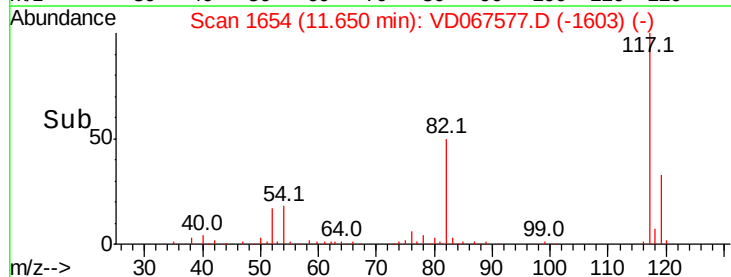
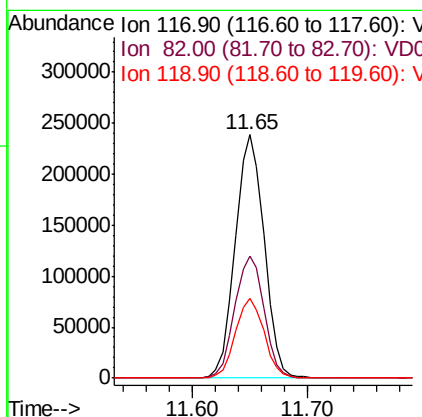
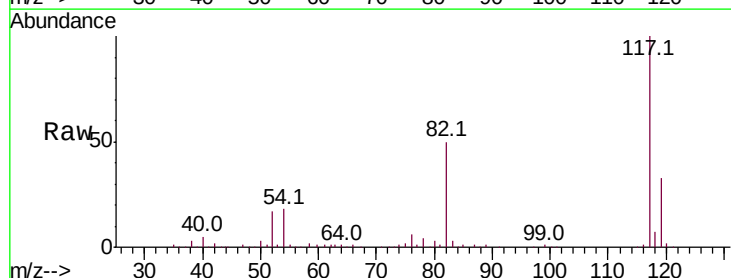
Instrument :
MSVOA_D
ClientSampled :
361-CL

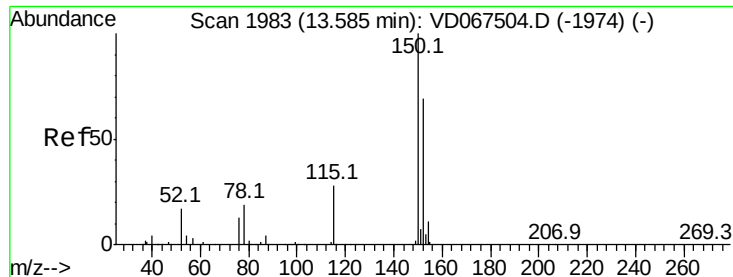
Tot Ion: 95 Resp: 162538
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.8
176 86.9 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067577.D
Acq: 10 Nov 2020 12:48

Tgt Ion: 117 Resp: 414146
Ion Ratio Lower Upper
117 100
82 50.1 41.6 62.4
119 32.6 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067577.D

Acq: 10 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

361-CL

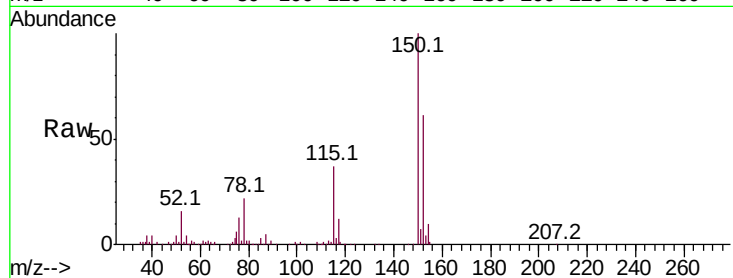
Tot Ion:152 Resp: 170359

Ion Ratio Lower Upper

152 100

115 59.2 29.3 88.0

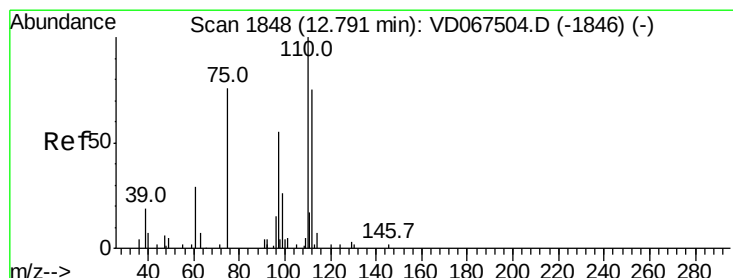
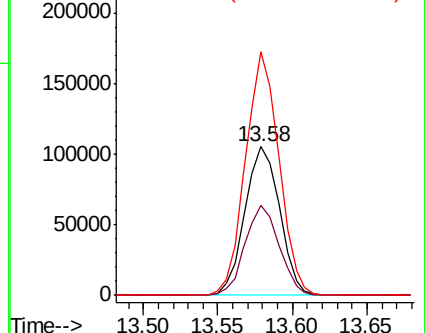
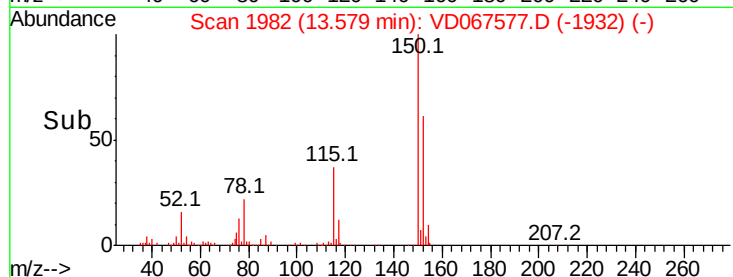
150 157.0 0.0 338.2



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



#76

1,2,3-Trichloropropane

Concen: 85.257 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067577.D

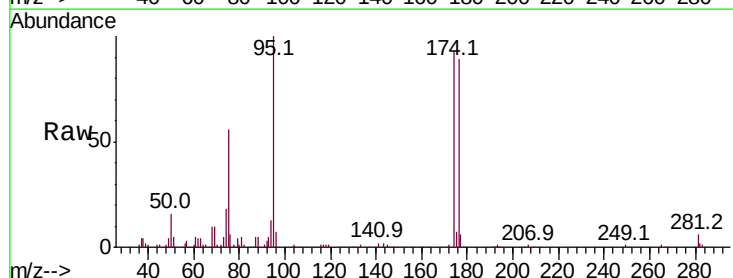
Acq: 10 Nov 2020 12:48

Tgt Ion: 75 Resp: 87619

Ion Ratio Lower Upper

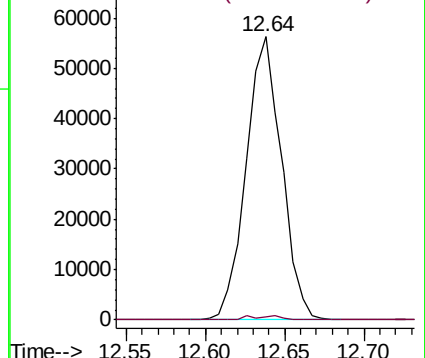
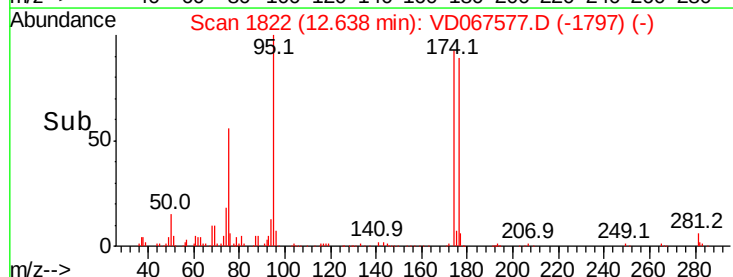
75 100

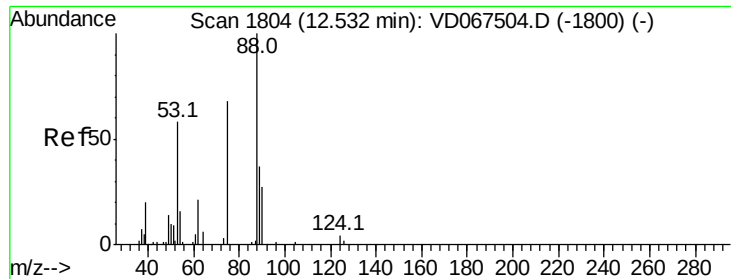
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 173.095 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067577.D

Acq: 10 Nov 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

361-CL

Tot Ion: 75 Resp: 87619

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.1 44.6 67.0#

