

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067474.D
 Acq On : 30 Oct 2020 15:44
 Operator : VA/SY
 Sample : L4552-03
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VW-STONE-B

Quant Time: Oct 30 16:00:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

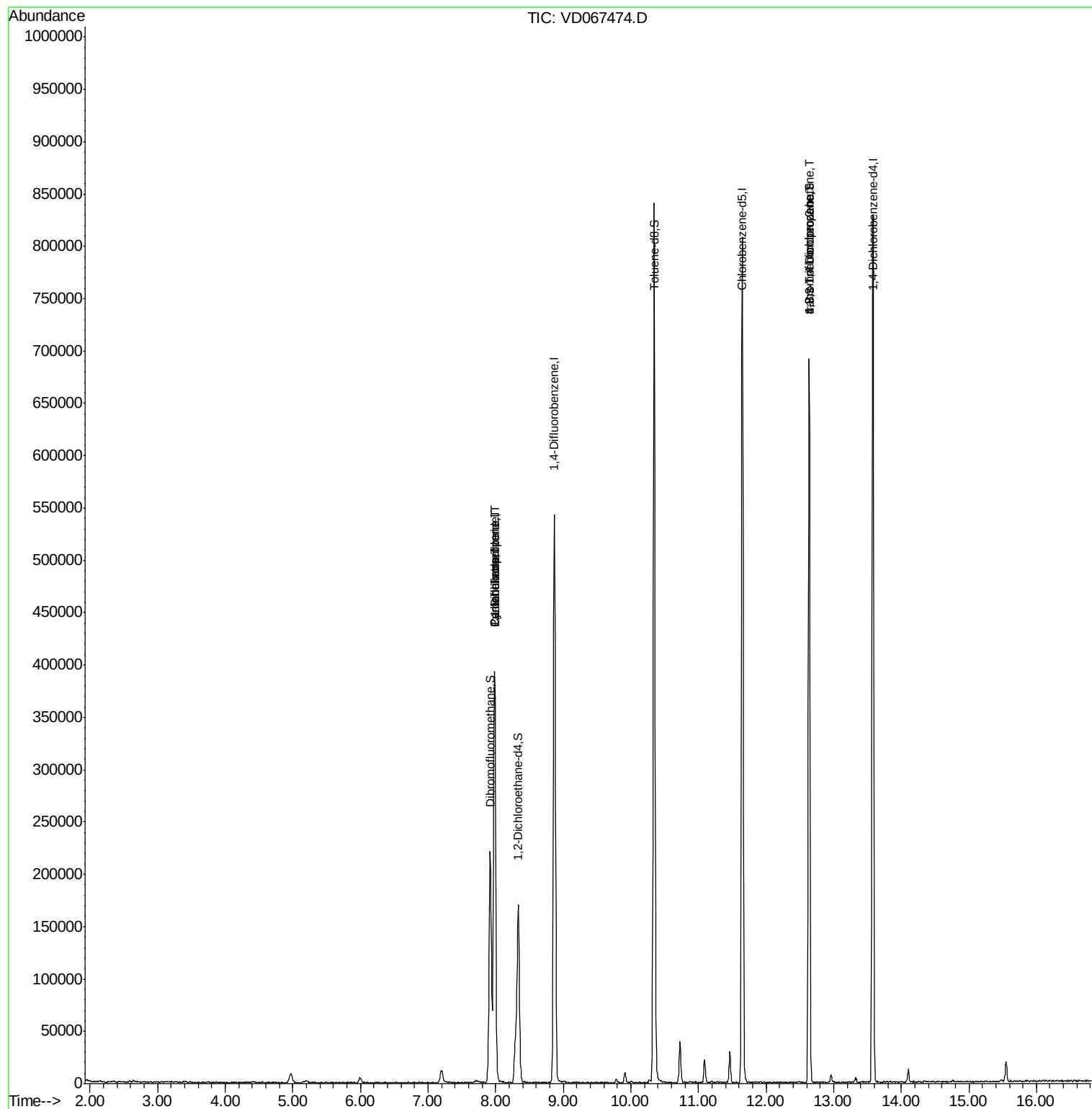
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	313768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	494405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	488450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	143546	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
35) Dibromofluoromethane	7.92	113	157349	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	10.34	98	586971	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.64	95	204434	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	235	Below Cal	#	44
11) Tert butyl alcohol	5.20	59	688	Below Cal	#	81
20) Methylene Chloride	4.97	84	7350	Below Cal	#	88
31) Cyclohexane	7.98	56	5439	1.502	ug/l #	13
36) 1,1-Dichloropropene	7.98	75	20956	5.001	ug/l #	48
38) Carbon Tetrachloride	7.98	117	31455	5.873	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	107870	63.983	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	107870	145.094	ug/l #	10

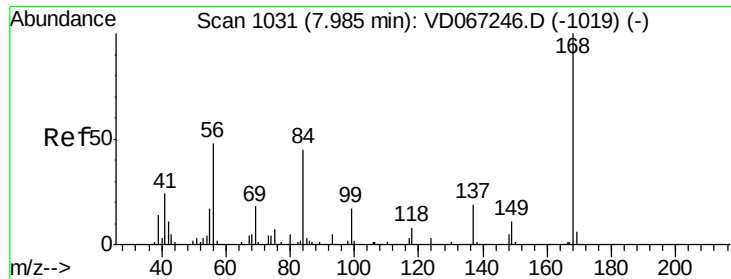
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103020\
Data File : VD067474.D
Acq On : 30 Oct 2020 15:44
Operator : VA/SY
Sample : L4552-03
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VW-STONE-B

Quant Time: Oct 30 16:00:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067474.D

Acq: 30 Oct 2020 15:44

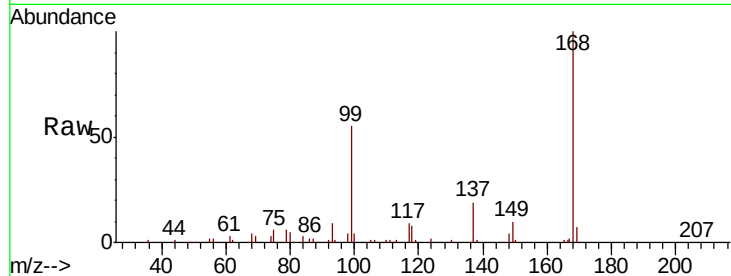
Instrument :
MSVOA_D
ClientSampleId :
VW-STONE-B

Tot Ion:168 Resp: 313768

Ion Ratio Lower Upper

168 100

99 54.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

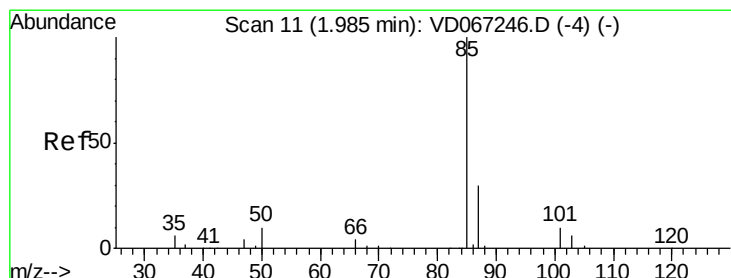
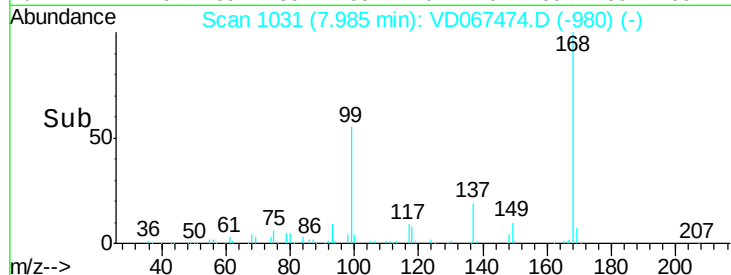
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067474.D

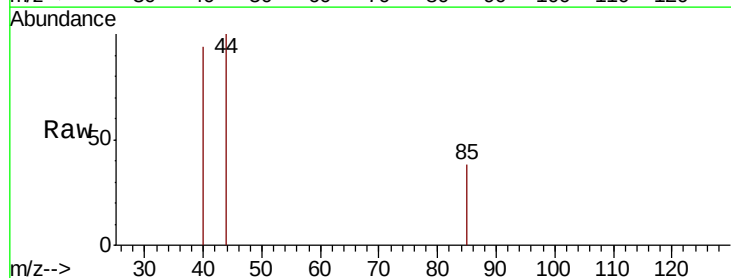
Acq: 30 Oct 2020 15:44

Tgt Ion: 85 Resp: 235

Ion Ratio Lower Upper

85 100

87 0.0 15.2 45.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

500

400

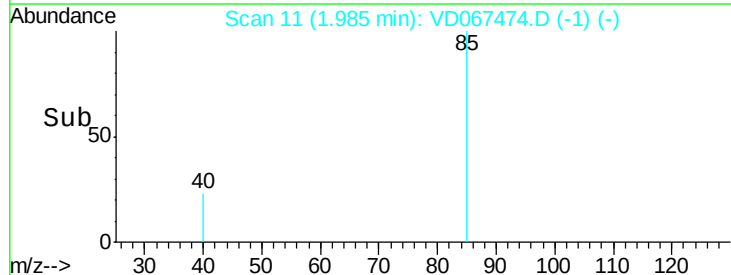
300

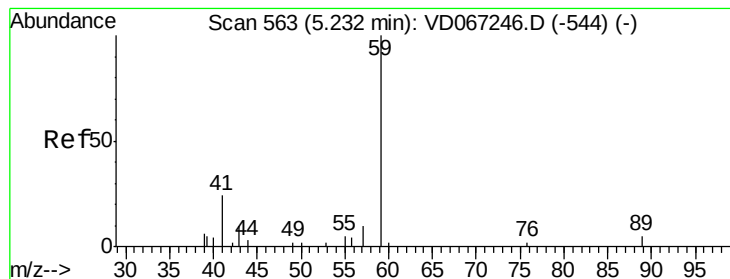
200

100

0

Time-->



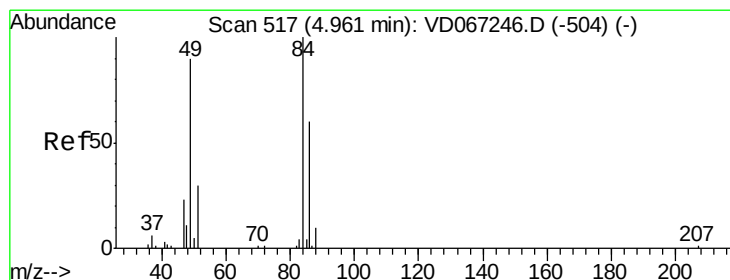
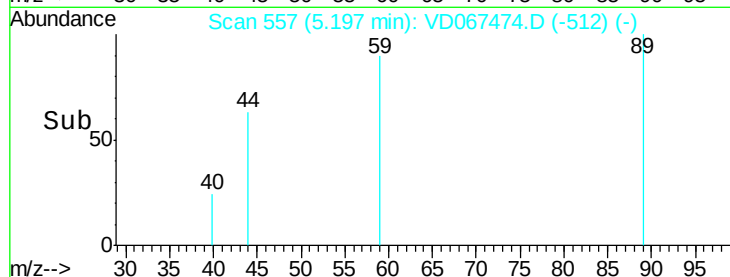
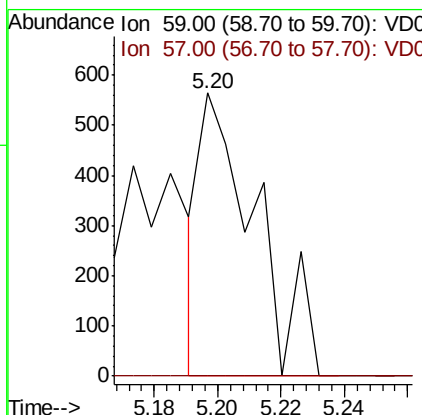
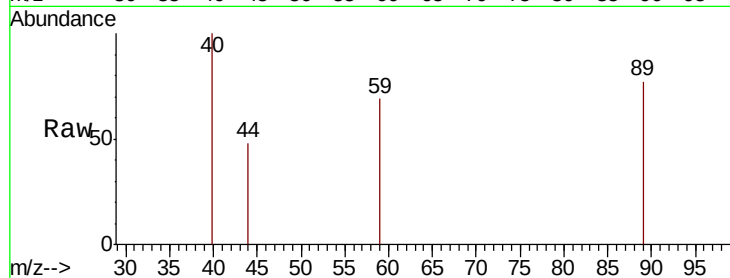


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: VD067474.D
 Acq: 30 Oct 2020 15:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VW-STONE-B

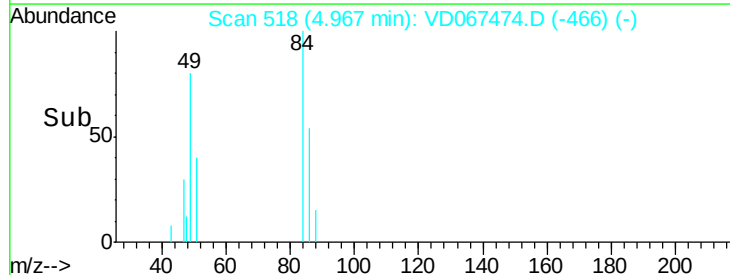
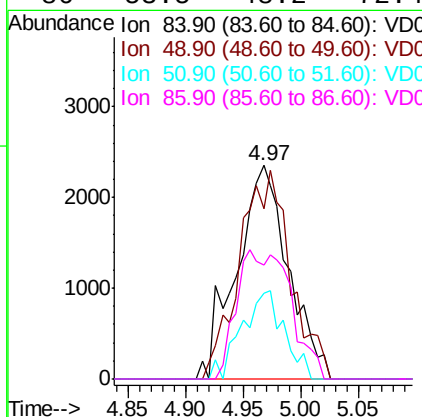
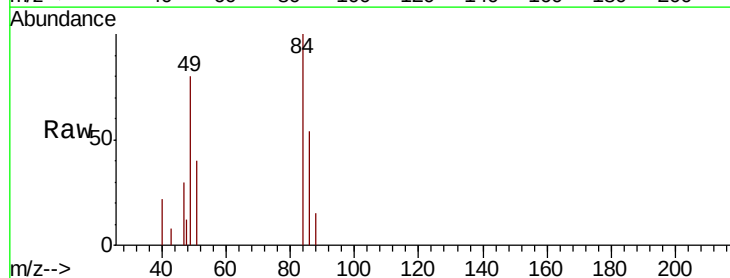
Tot Ion: 59 Resp: 688
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.1 7.7#

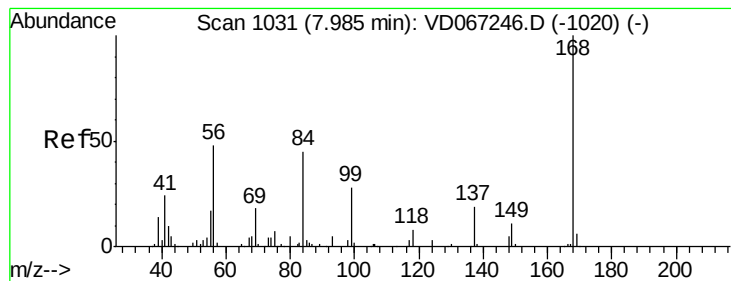


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067474.D
 Acq: 30 Oct 2020 15:44

Tgt Ion: 84 Resp: 7350
 Ion Ratio Lower Upper
 84 100
 49 79.6 72.2 108.2
 51 40.2 23.8 35.8#
 86 53.5 48.2 72.4





#31

Cyclohexane

Concen: 1.502 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067474.D

Acq: 30 Oct 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

VW-STONE-B

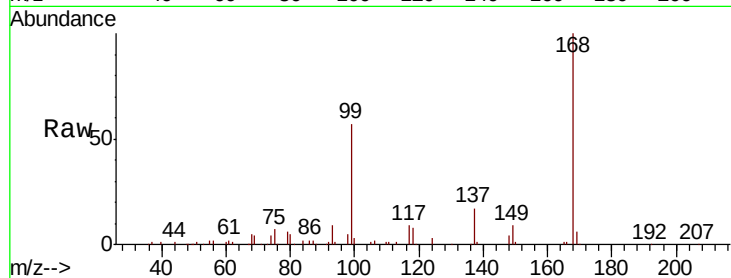
Tot Ion: 56 Resp: 5439

Ion Ratio Lower Upper

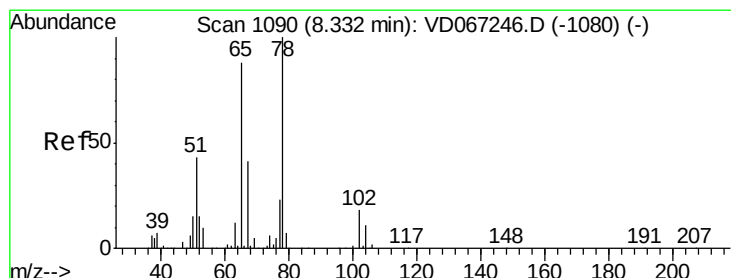
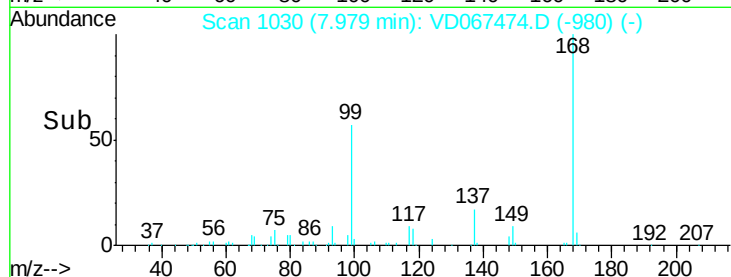
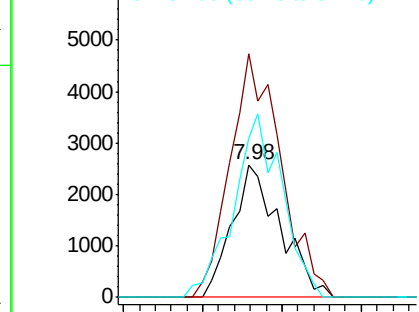
56 100

69 183.4 29.8 44.6#

84 120.2 76.6 114.8#



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: 45.665 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067474.D

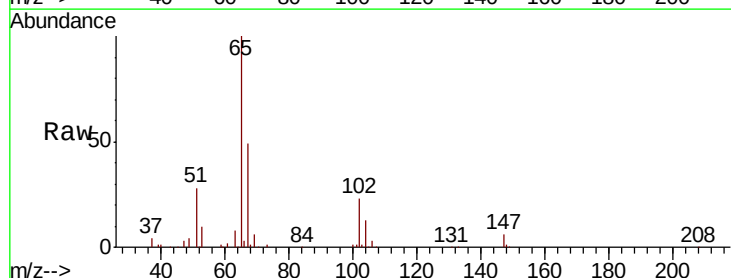
Acq: 30 Oct 2020 15:44

Tgt Ion: 65 Resp: 143546

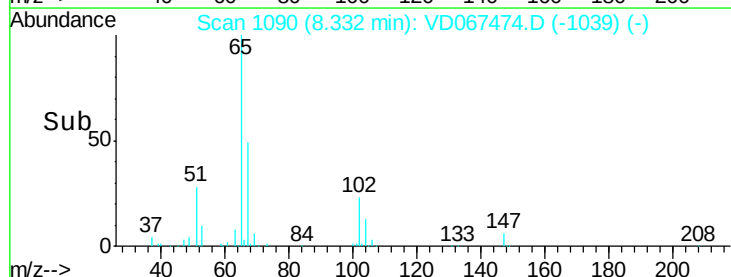
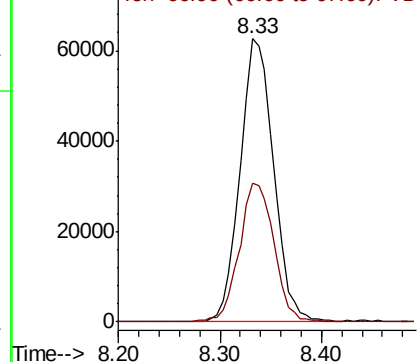
Ion Ratio Lower Upper

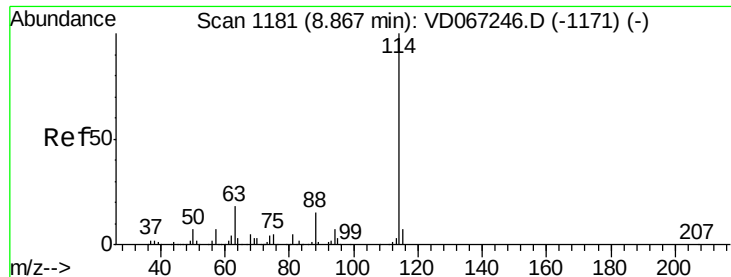
65 100

67 50.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

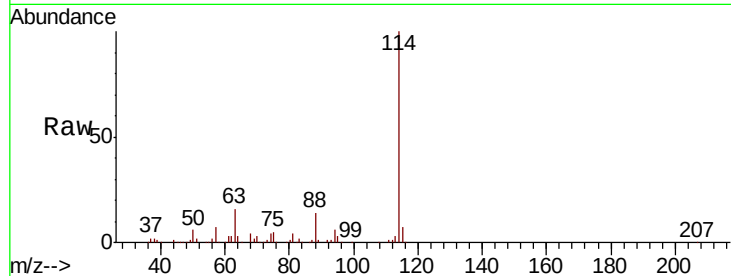




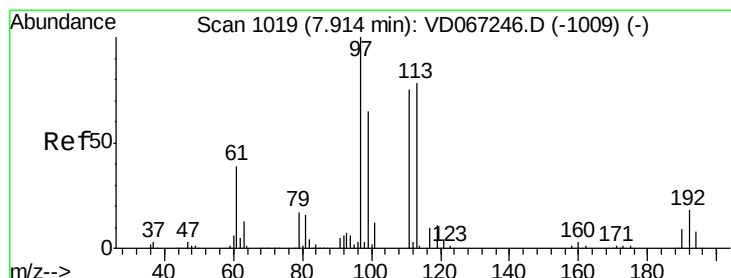
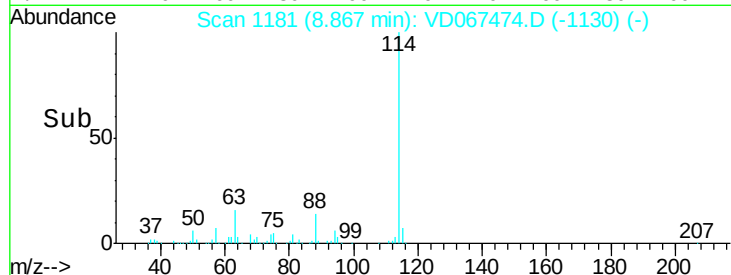
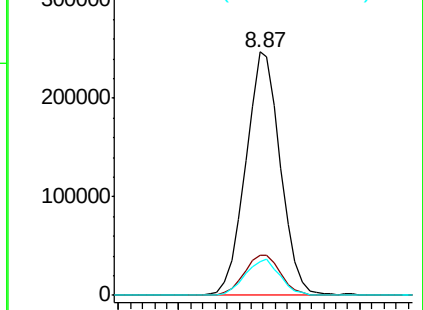
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067474.D
 Acq: 30 Oct 2020 15:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VW-STONE-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	35.0
88	14.0	0.0	30.6

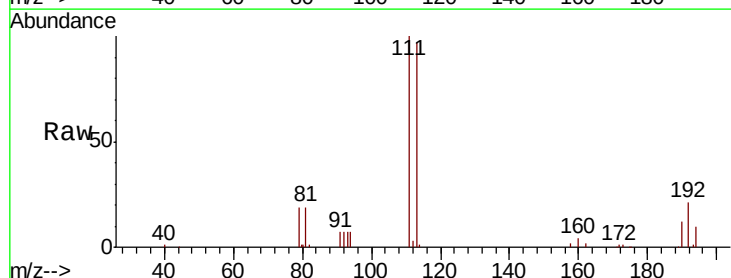


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

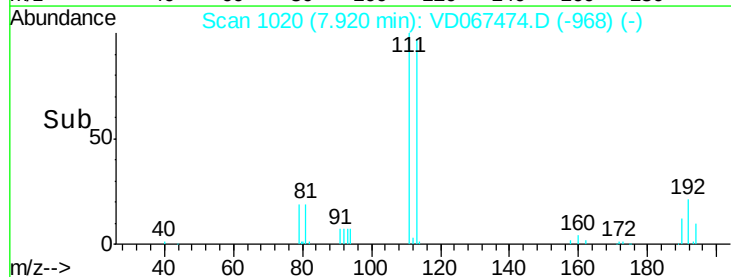
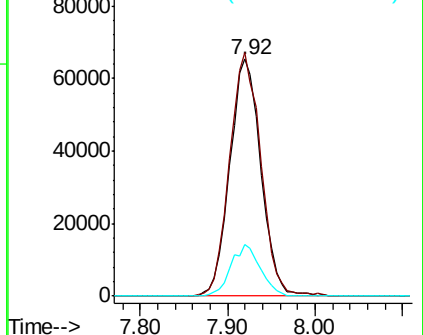


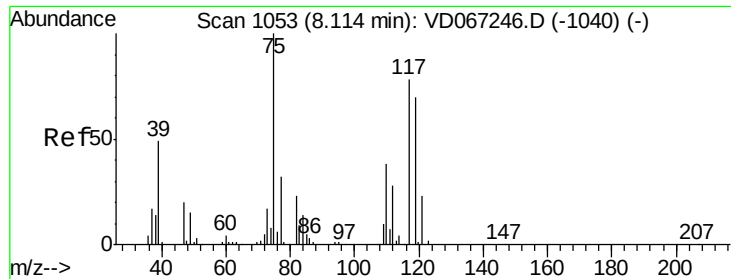
#35
 Dibromofluoromethane
 Concen: 47.823 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067474.D
 Acq: 30 Oct 2020 15:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.6	122.4
192	20.6	17.0	25.4



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

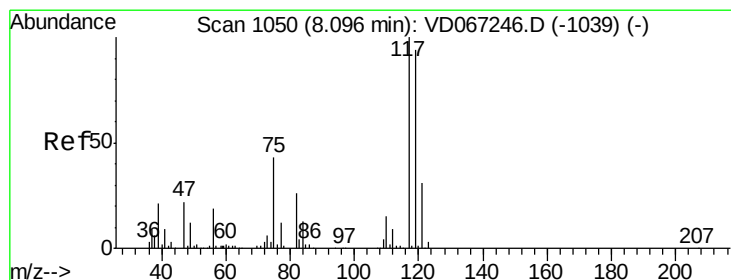
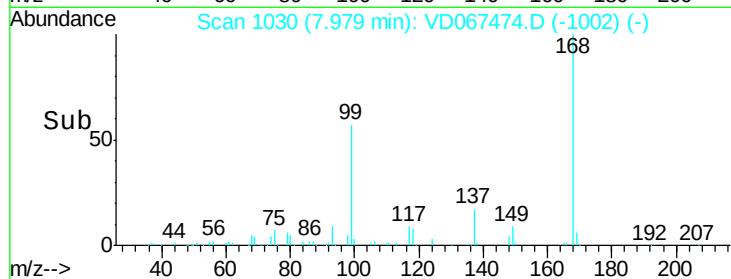
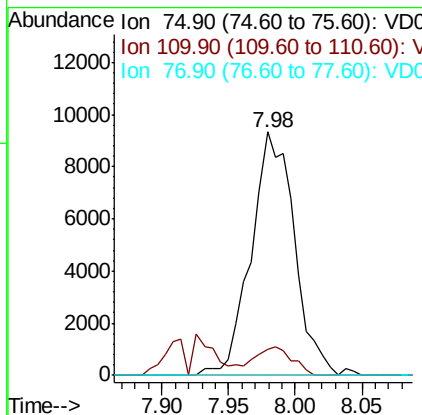
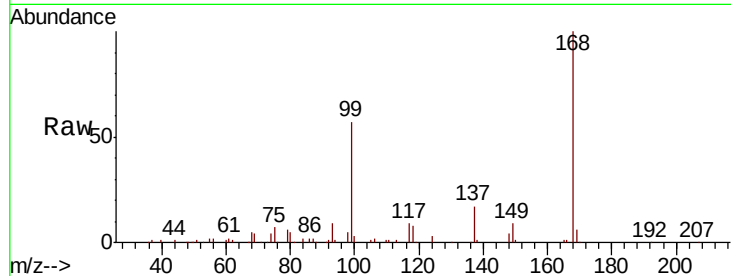




#36
 1,1-Dichloropropene
 Concen: 5.001 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067474.D
 Acq: 30 Oct 2020 15:44

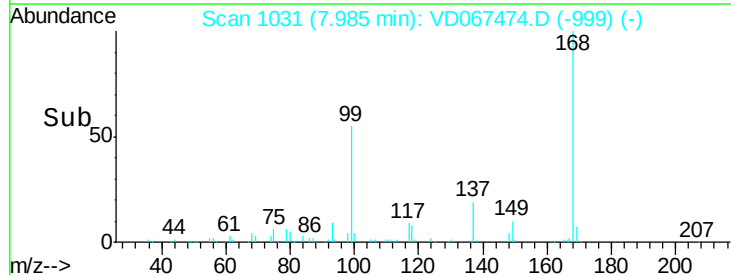
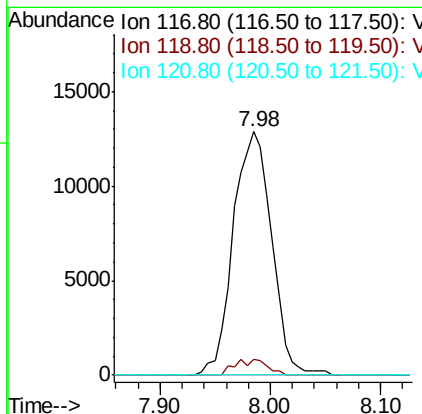
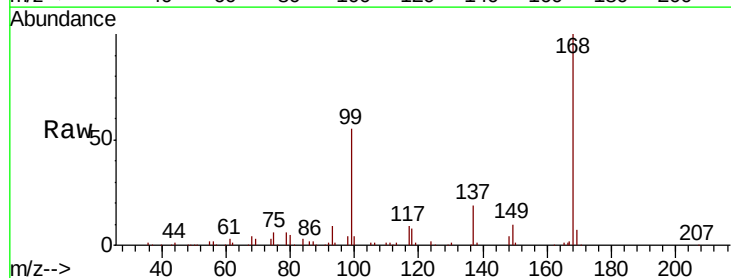
Instrument :
 MSVOA_D
 ClientSampleId :
 VW-STONE-B

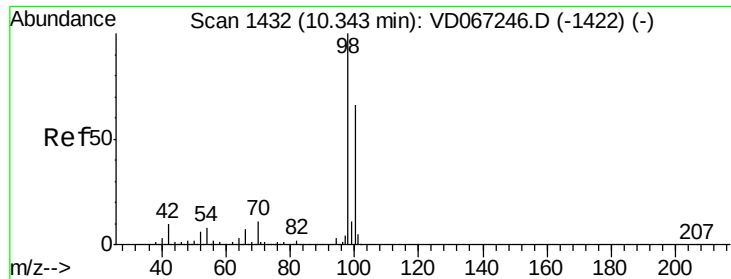
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.6	58.7#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 5.873 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD067474.D
 Acq: 30 Oct 2020 15:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	75.0	112.4#
121	0.0	24.9	37.3#

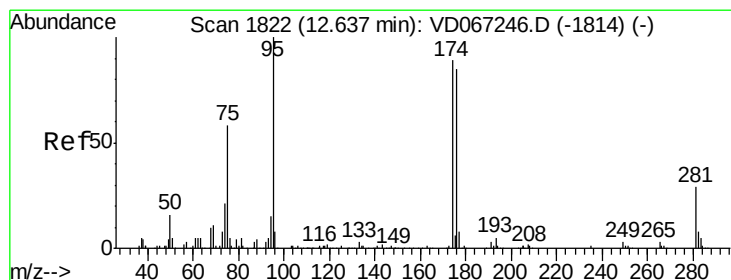
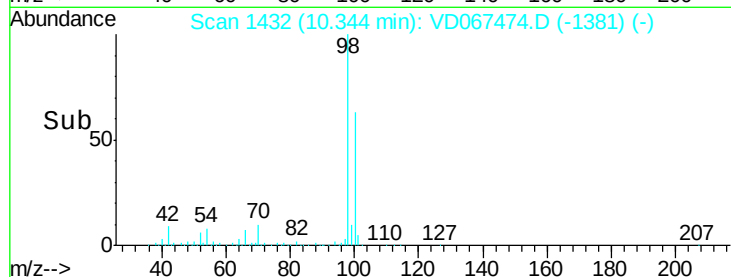
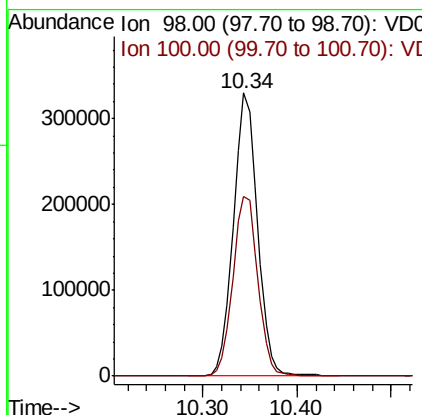
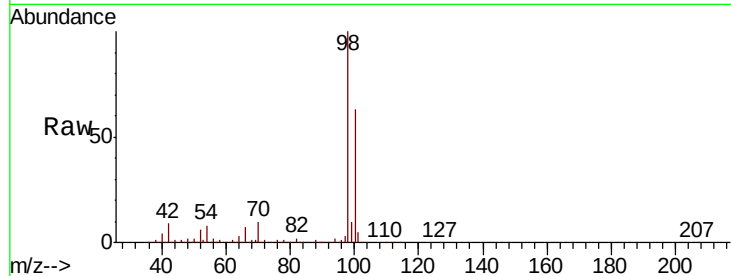




#50
Toluene-d8
Concen: 49.295 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067474.D
Acq: 30 Oct 2020 15:44

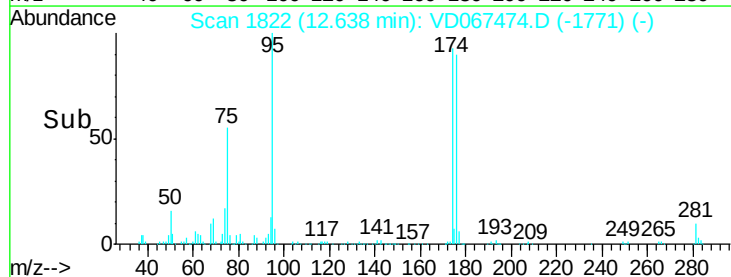
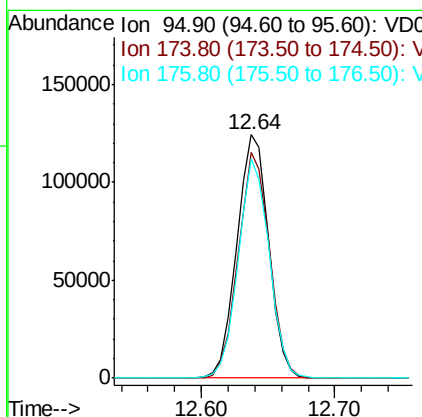
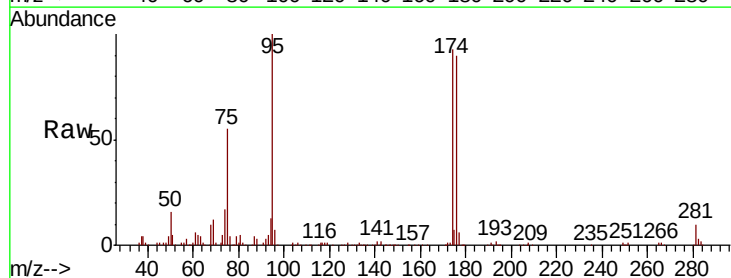
Instrument :
MSVOA_D
ClientSampleId :
VW-STONE-B

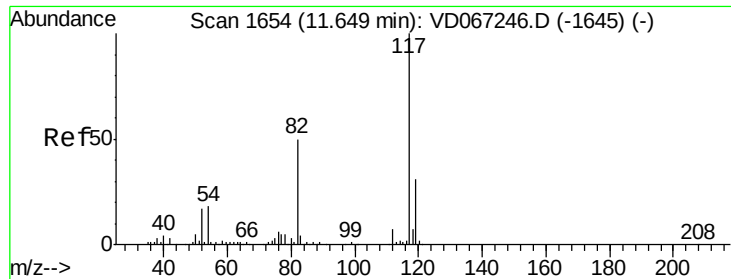
Tot Ion: 98 Resp: 586971
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.376 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067474.D
Acq: 30 Oct 2020 15:44

Tgt Ion: 95 Resp: 204434
Ion Ratio Lower Upper
95 100
174 91.1 0.0 175.2
176 87.8 0.0 168.6

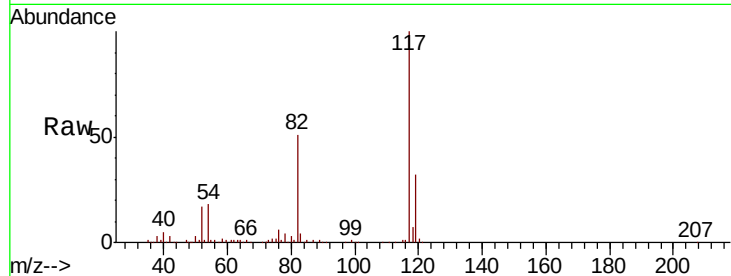




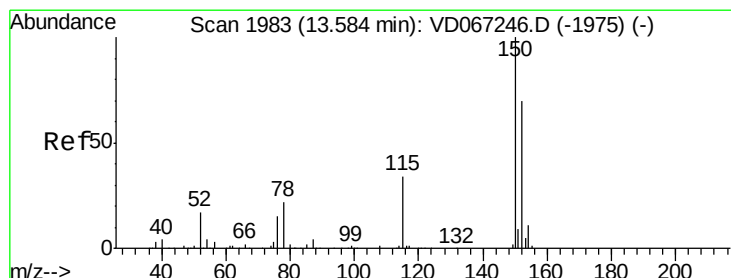
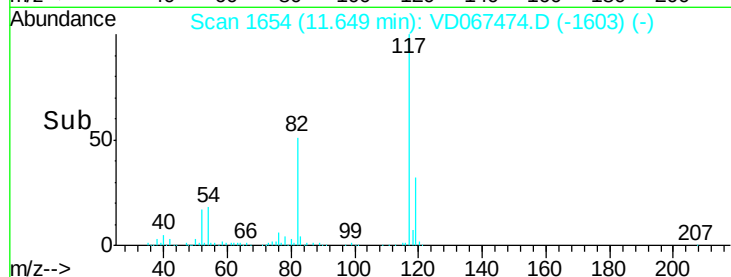
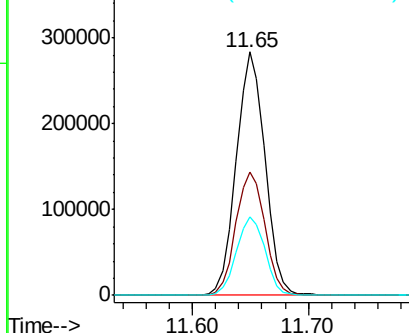
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067474.D
Acq: 30 Oct 2020 15:44

Instrument :
MSVOA_D
ClientSampleId :
VW-STONE-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	39.9	59.9
119	32.2	24.9	37.3

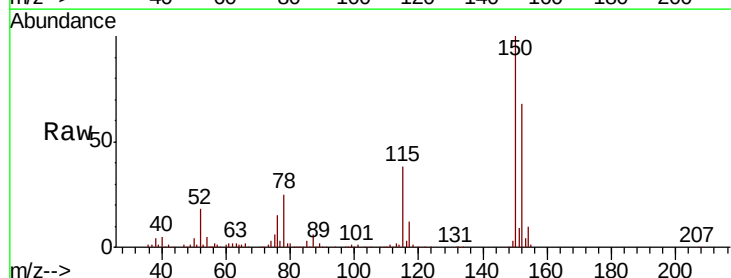


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

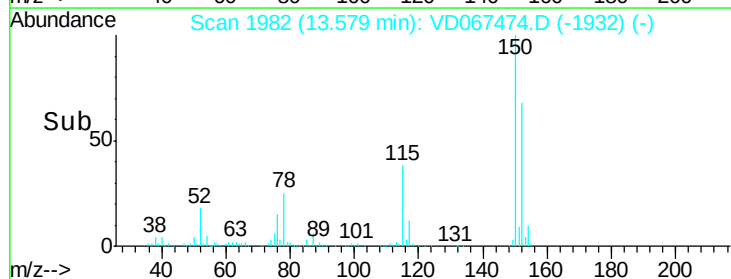
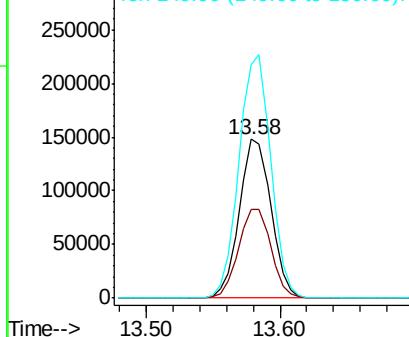


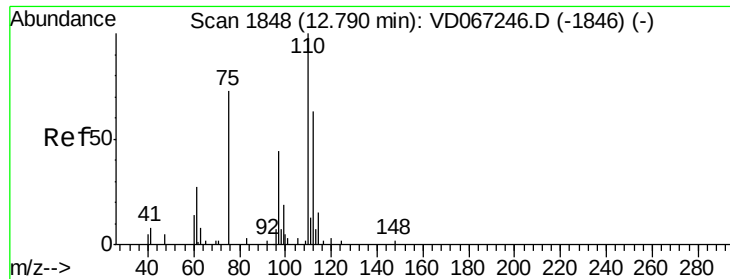
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067474.D
Acq: 30 Oct 2020 15:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.3	87.9
150	153.4	0.0	339.0



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

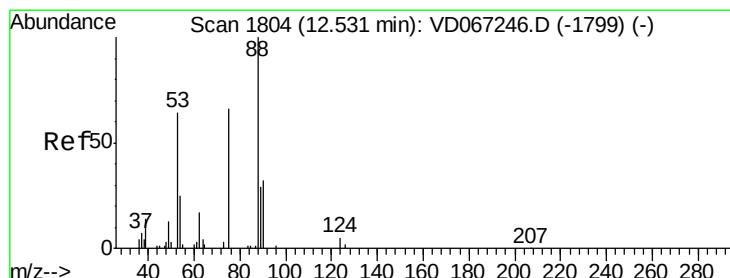
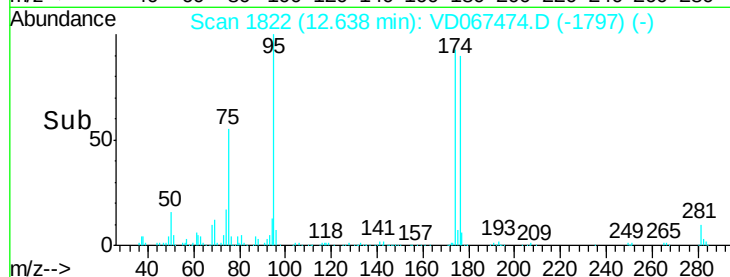
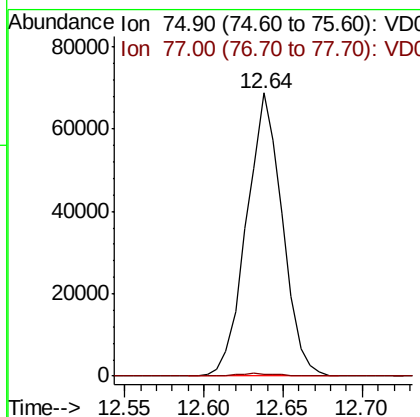
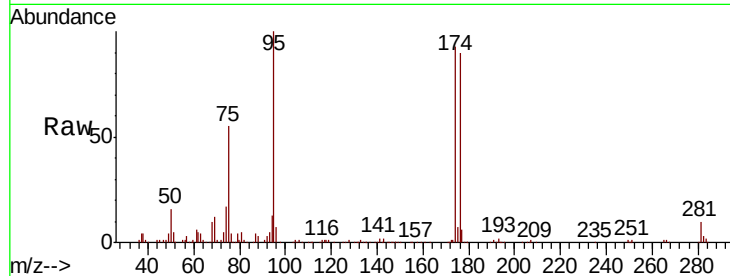




#76
 1,2,3-Trichloropropane
 Concen: 63.983 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067474.D
 Acq: 30 Oct 2020 15:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VW-STONE-B

Tot Ion: 75 Resp: 107870
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.094 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067474.D
 Acq: 30 Oct 2020 15:44

Tgt Ion: 75 Resp: 107870
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.5 117.7#
 89 0.0 39.9 59.9#

