

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067528.D
 Acq On : 04 Nov 2020 18:50
 Operator : VA/SY
 Sample : L4591-01RE
 Misc : 6.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-110320RE

Quant Time: Nov 05 00:40:52 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

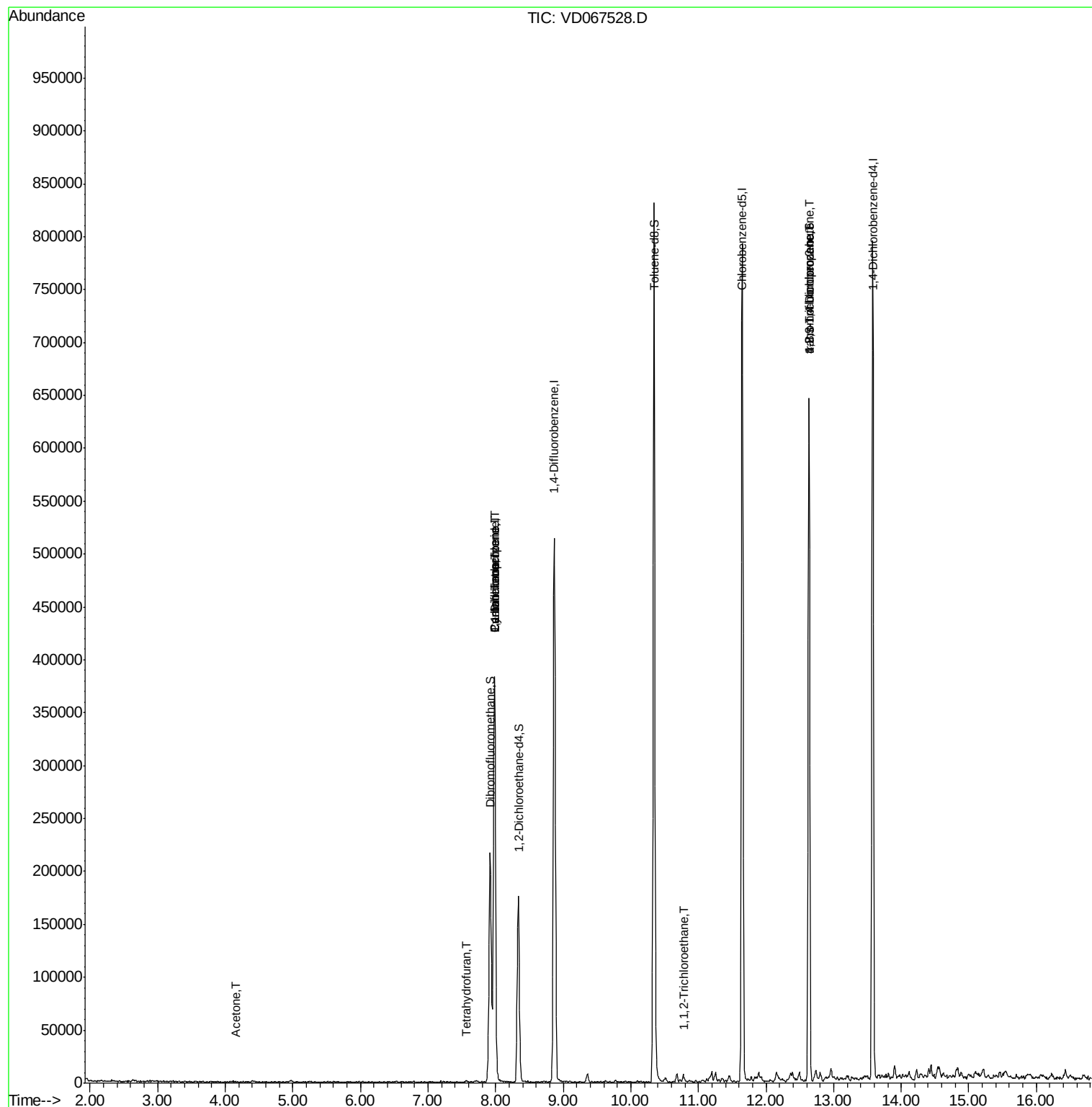
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	293138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	470354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	478862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	219947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	151212	58.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.98%	
35) Dibromofluoromethane	7.92	113	154263	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
50) Toluene-d8	10.34	98	557194	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
62) 4-Bromofluorobenzene	12.64	95	203915	59.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.62%	
Target Compounds						
16) Acetone	4.16	43	736	1.919	ug/l	95
29) Tetrahydrofuran	7.57	42	435	1.772	ug/l	95
31) Cyclohexane	7.99	56	5605	1.508	ug/l #	27
36) 1,1-Dichloropropene	7.98	75	20081	4.988	ug/l #	50
38) Carbon Tetrachloride	7.98	117	29745	5.686	ug/l #	18
55) 1,1,2-Trichloroethane	10.78	97	2771	1.397	ug/l #	26
76) 1,2,3-Trichloropropane	12.64	75	104354	78.648	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	104354	159.677	ug/l #	10

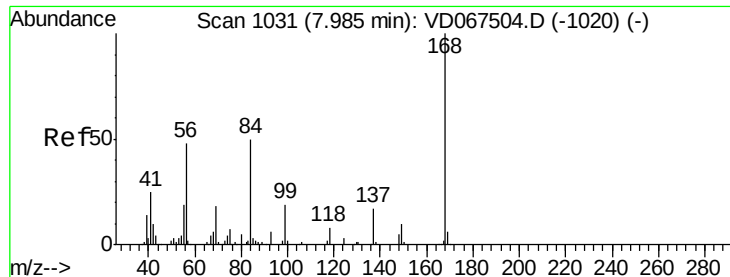
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110420\
Data File : VD067528.D
Acq On : 04 Nov 2020 18:50
Operator : VA/SY
Sample : L4591-01RE
Misc : 6.71G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-01-110320RE

Quant Time: Nov 05 00:40:52 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: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067528.D

Acq: 04 Nov 2020 18:50

Instrument :

MSVOA_D

ClientSampleId :

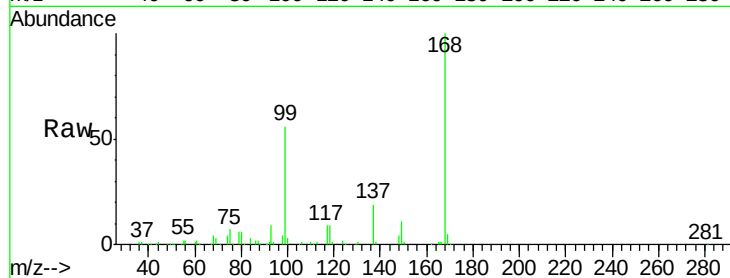
OK-01-110320RE

Tot Ion:168 Resp: 293138

Ion Ratio Lower Upper

168 100

99 56.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

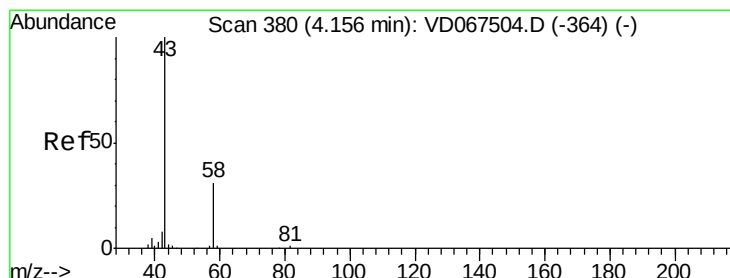
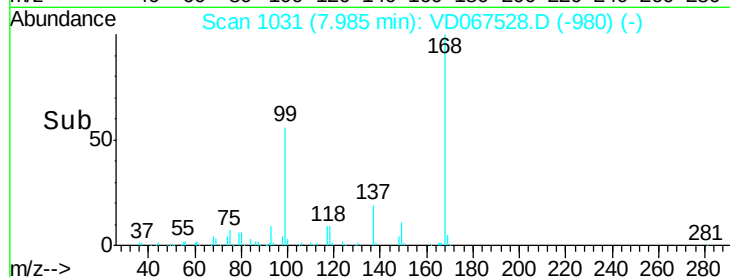
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.919 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067528.D

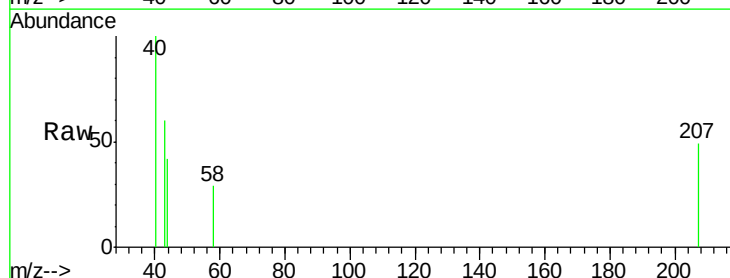
Acq: 04 Nov 2020 18:50

Tgt Ion: 43 Resp: 736

Ion Ratio Lower Upper

43 100

58 28.6 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

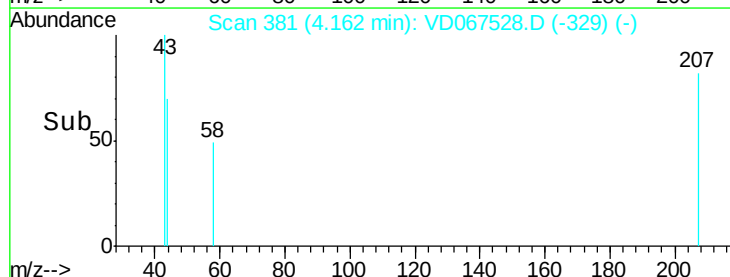
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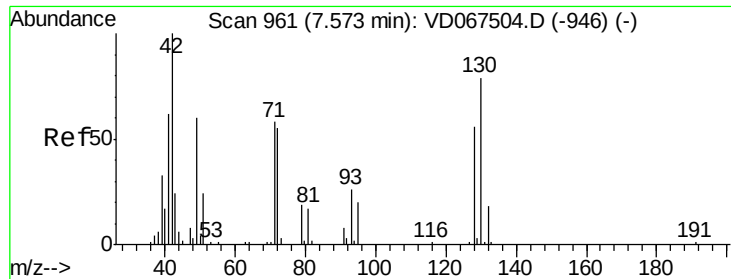
200

100

0

Time-->

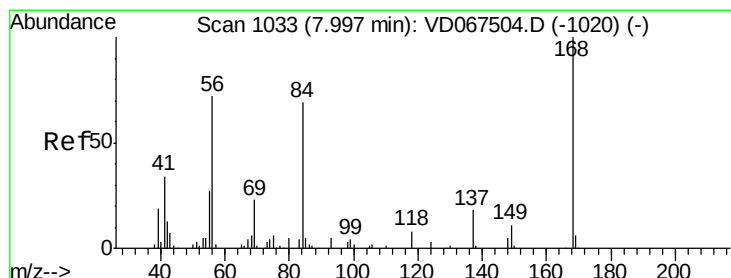
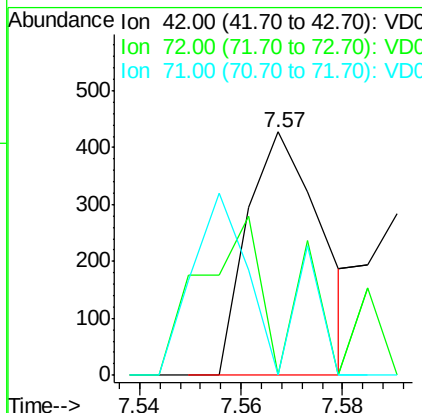
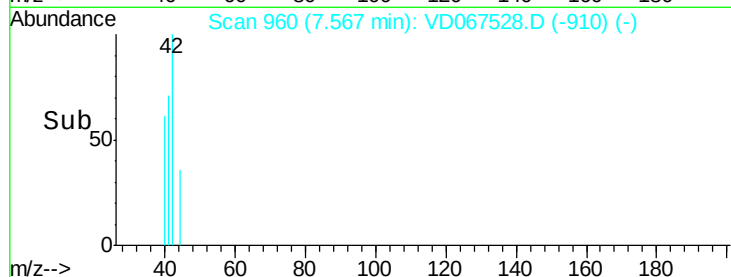
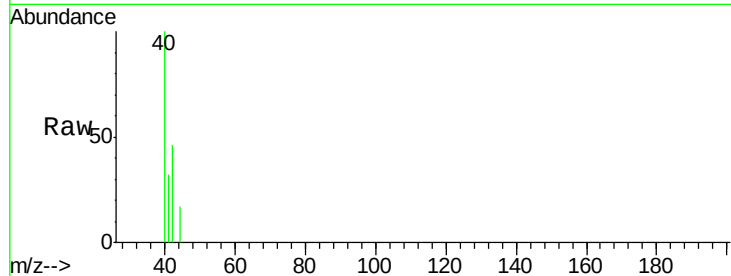




#29
Tetrahydrofuran
Concen: 1.772 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067528.D
Acq: 04 Nov 2020 18:50

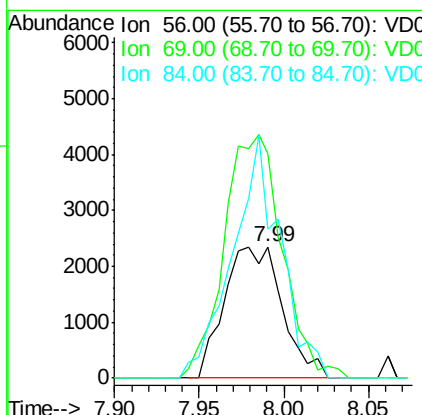
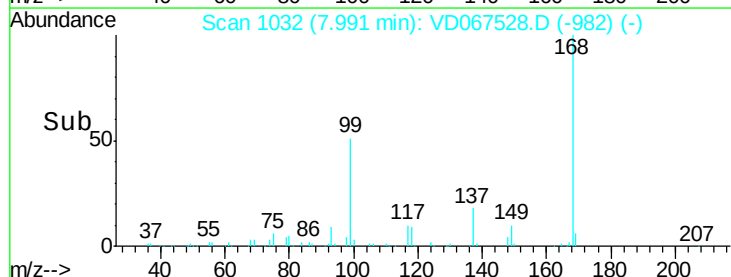
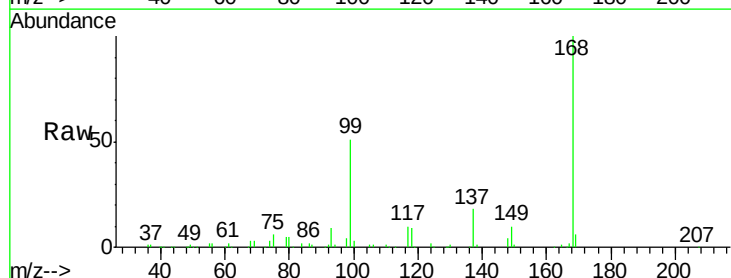
Instrument :
MSVOA_D
ClientSampleId :
OK-01-110320RE

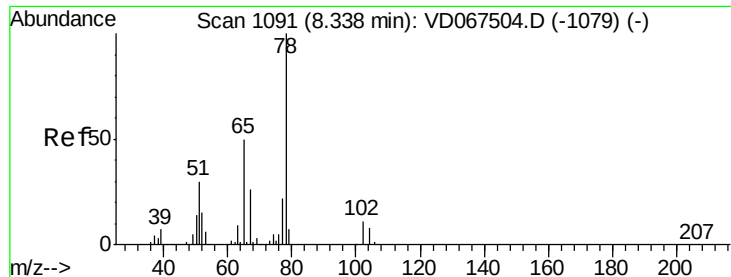
Tot Ion: 42 Resp: 435
Ion Ratio Lower Upper
42 100
72 51.0 46.3 69.5
71 54.7 44.0 66.0



#31
Cyclohexane
Concen: 1.508 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067528.D
Acq: 04 Nov 2020 18:50

Tgt Ion: 56 Resp: 5605
Ion Ratio Lower Upper
56 100
69 164.2 25.9 38.9#
84 113.2 76.2 114.4

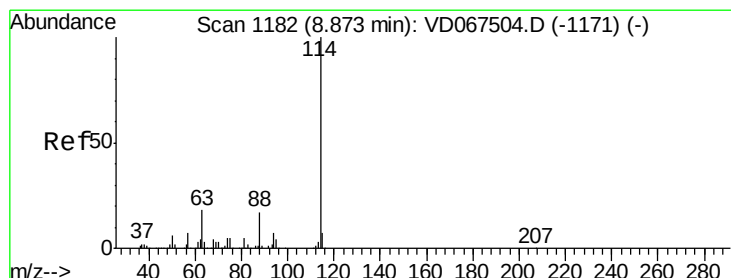
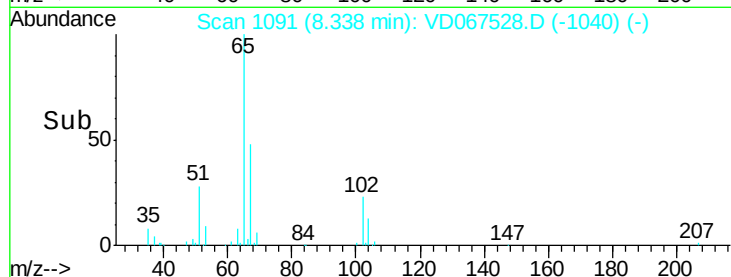
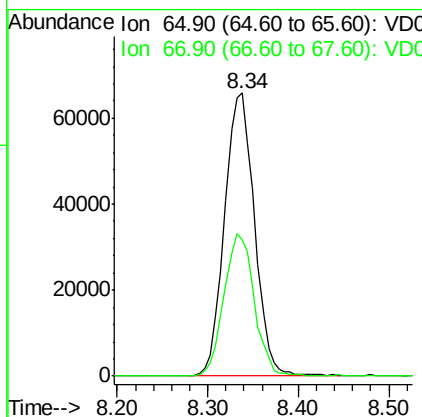
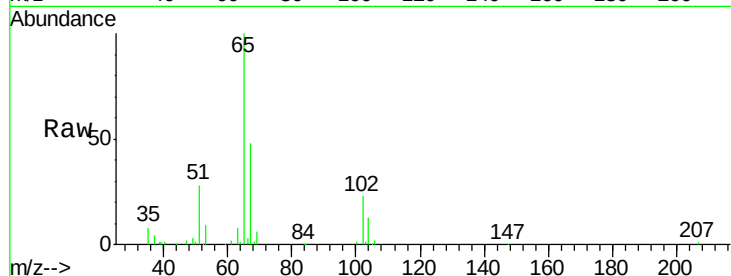




#33
 1,2-Dichloroethane-d4
 Concen: 58.994 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067528.D
 Acq: 04 Nov 2020 18:50

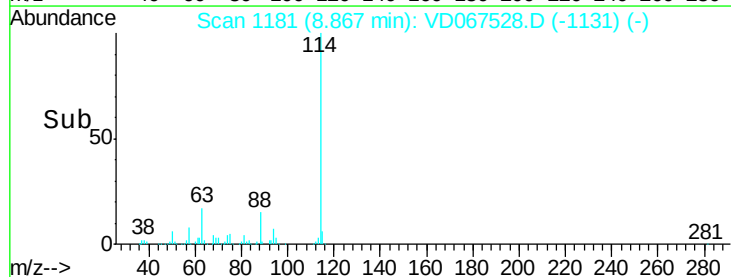
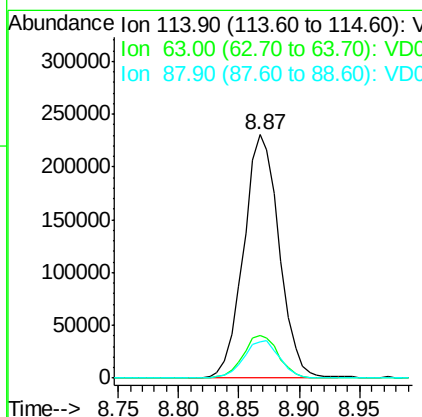
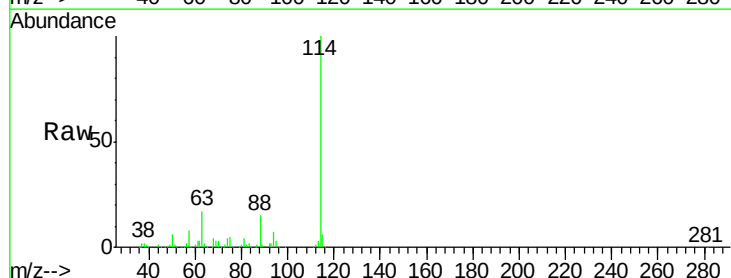
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-110320RE

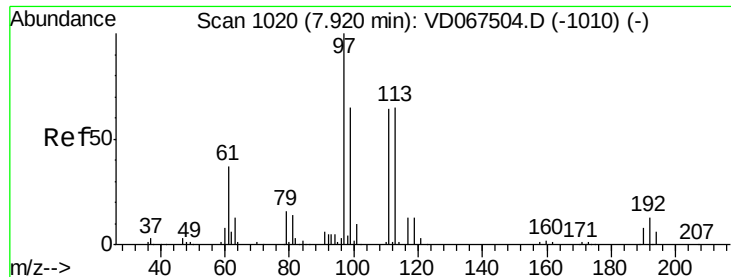
Tot Ion: 65 Resp: 151212
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067528.D
 Acq: 04 Nov 2020 18:50

Tgt Ion: 114 Resp: 470354
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.0
 88 14.9 0.0 33.0

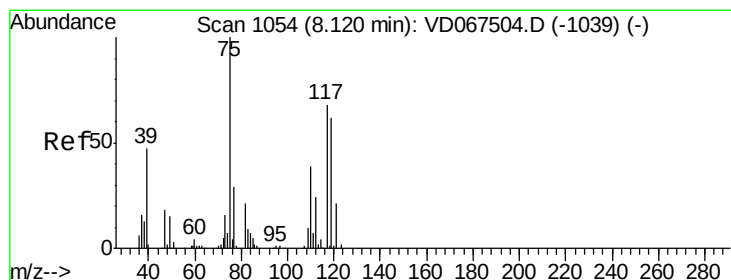
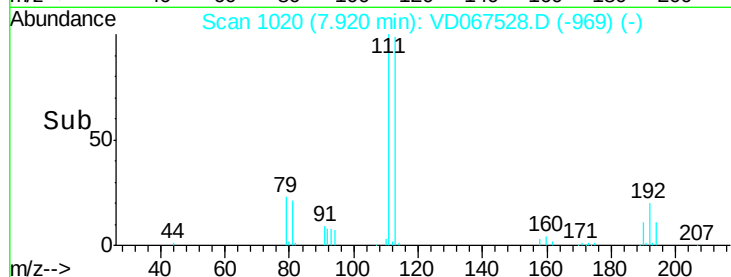
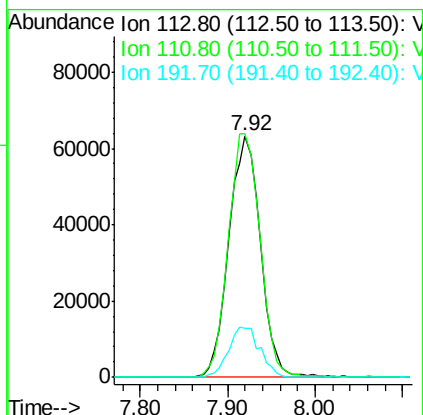
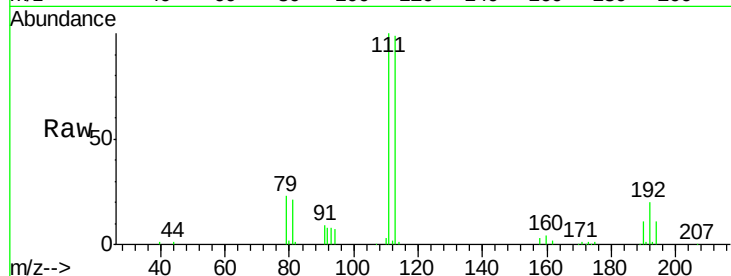




#35
Dibromofluoromethane
Concen: 54.435 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD067528.D
Acq: 04 Nov 2020 18:50

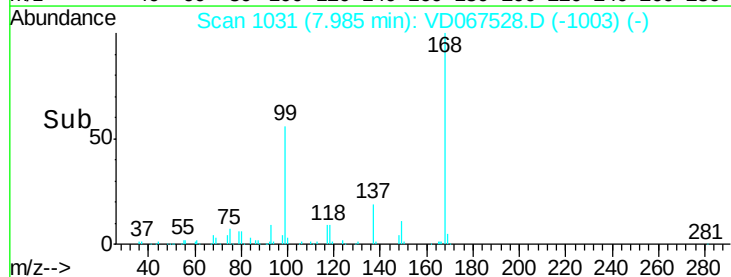
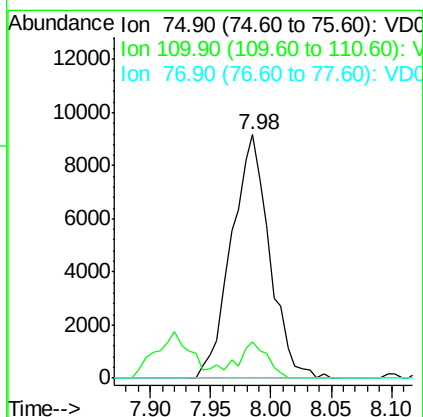
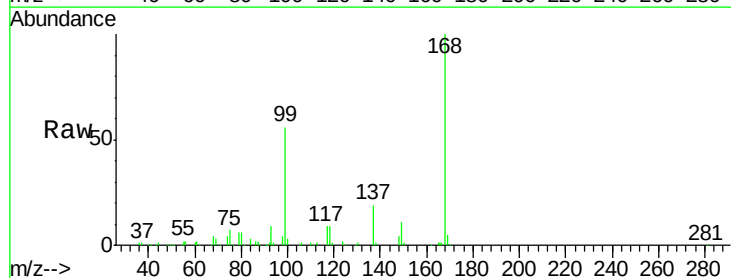
Instrument :
MSVOA_D
ClientSampleId :
OK-01-110320RE

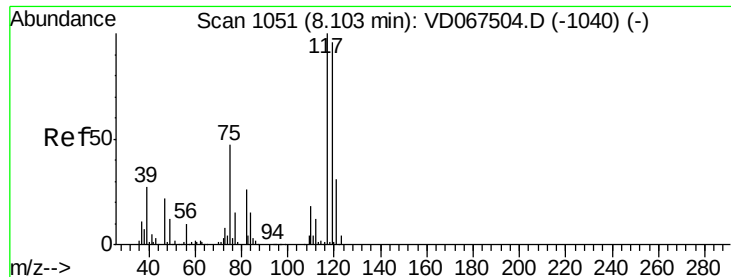
Tot Ion:113 Resp: 154263
Ion Ratio Lower Upper
113 100
111 102.0 80.0 120.0
192 20.7 16.3 24.5



#36
1,1-Dichloropropene
Concen: 4.988 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.14 min
Lab File: VD067528.D
Acq: 04 Nov 2020 18:50

Tgt Ion: 75 Resp: 20081
Ion Ratio Lower Upper
75 100
110 12.2 19.9 59.7#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.686 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067528.D

Acq: 04 Nov 2020 18:50

Instrument :

MSVOA_D

ClientSampleId :

OK-01-110320RE

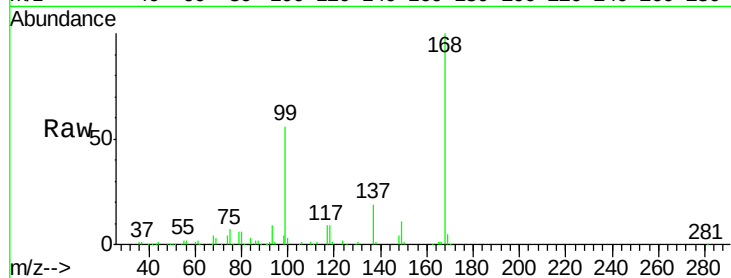
Tot Ion:117 Resp: 29745

Ion Ratio Lower Upper

117 100

119 7.8 76.9 115.3#

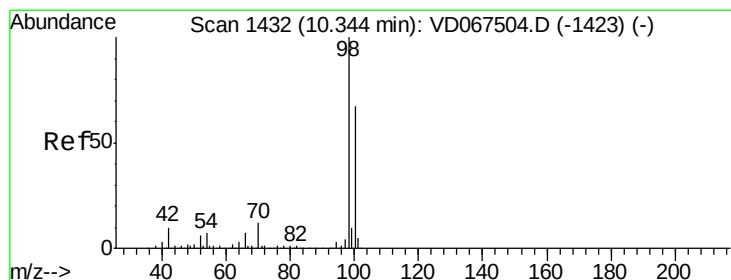
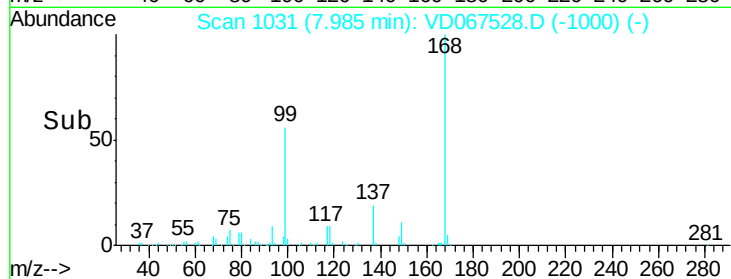
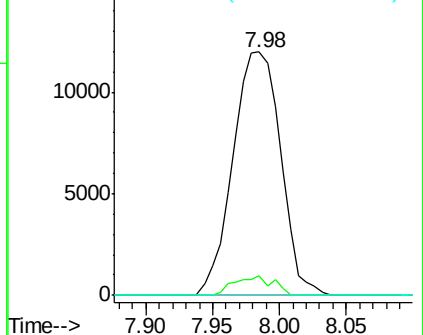
121 0.0 24.5 36.7#



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: 55.949 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067528.D

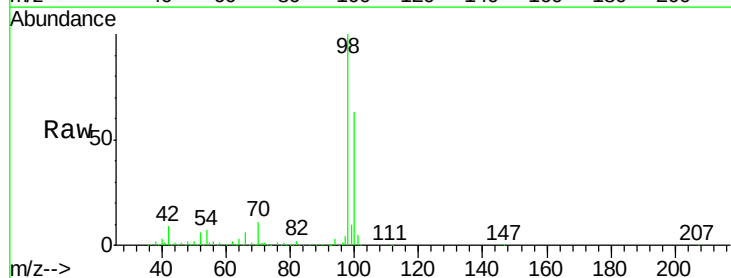
Acq: 04 Nov 2020 18:50

Tgt Ion: 98 Resp: 557194

Ion Ratio Lower Upper

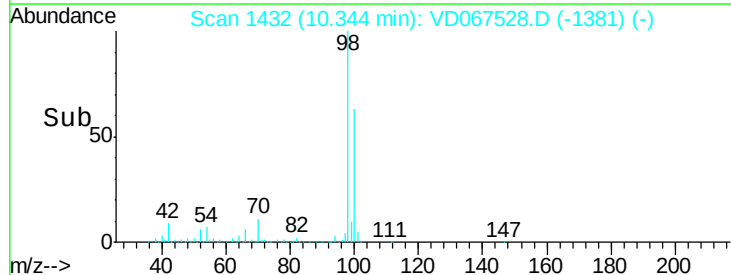
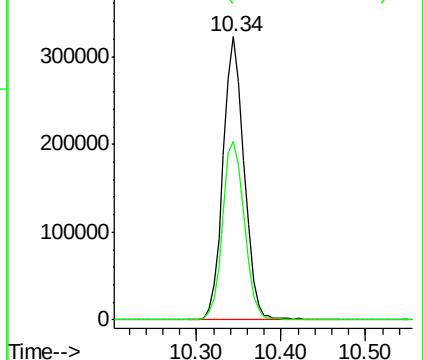
98 100

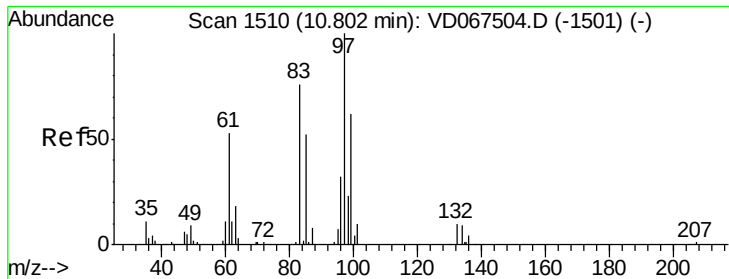
100 65.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#55

1,1,2-Trichloroethane

Concen: 1.397 ug/l

RT: 10.78 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VD067528.D

Acq: 04 Nov 2020 18:50

Instrument :

MSVOA_D

ClientSampleId :

OK-01-110320RE

Tot Ion: 97 Resp: 2771

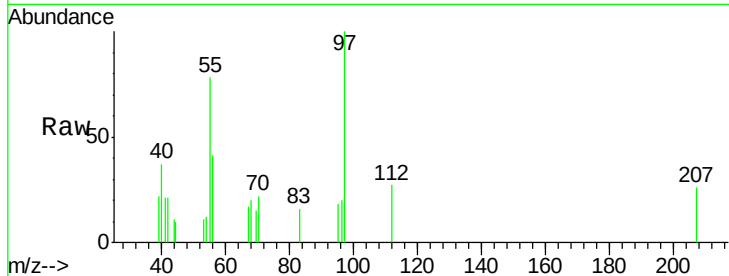
Ion Ratio Lower Upper

97 100

83 16.1 61.0 91.6#

85 0.0 41.5 62.3#

99 0.0 49.4 74.2#

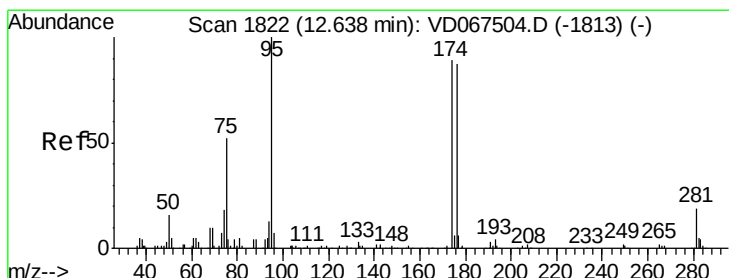
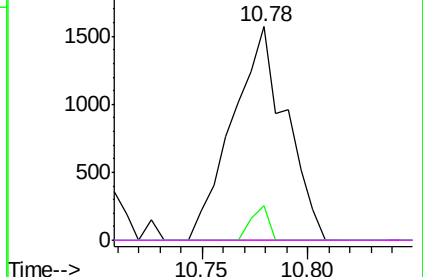
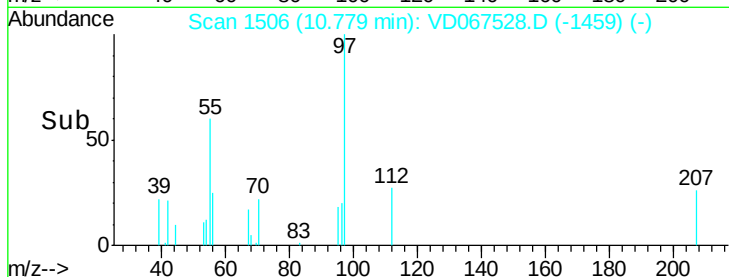


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#62

4-Bromofluorobenzene

Concen: 59.307 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067528.D

Acq: 04 Nov 2020 18:50

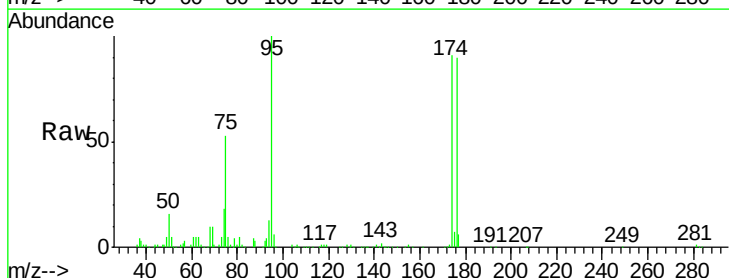
Tgt Ion: 95 Resp: 203915

Ion Ratio Lower Upper

95 100

174 89.5 0.0 177.8

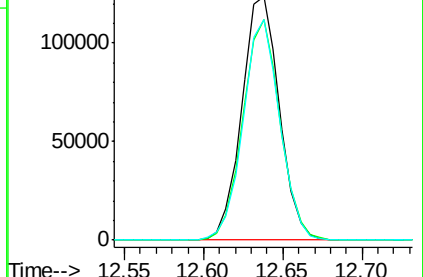
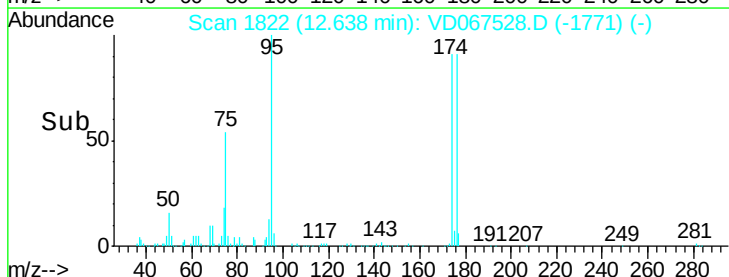
176 88.3 0.0 172.0

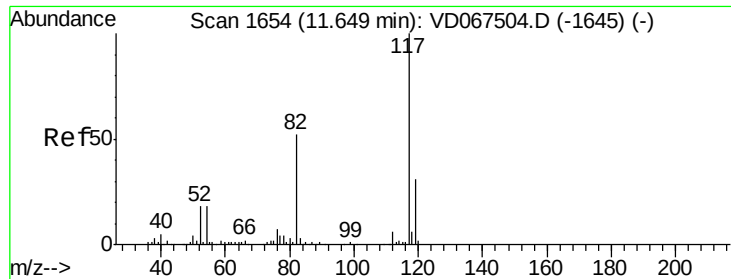


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

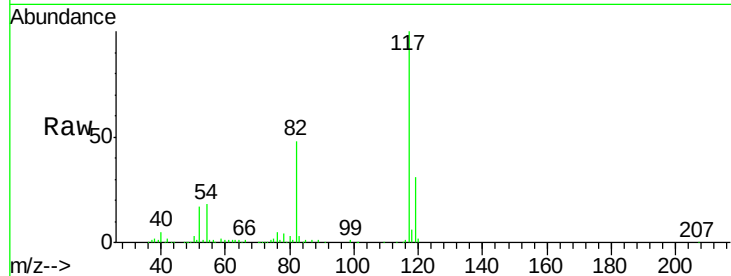




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067528.D
Acq: 04 Nov 2020 18:50

Instrument :
MSVOA_D
ClientSampleId :
OK-01-110320RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.4	41.6	62.4
119	30.8	25.1	37.7

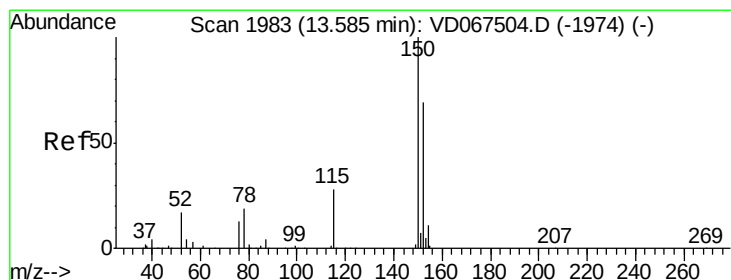
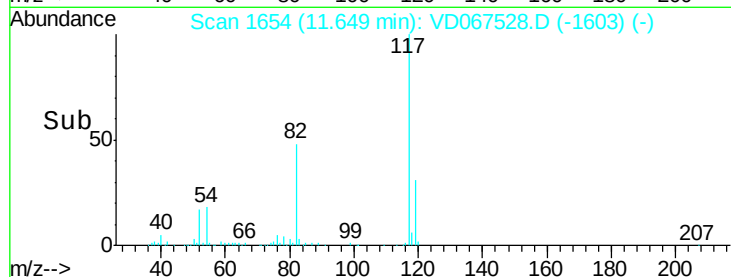
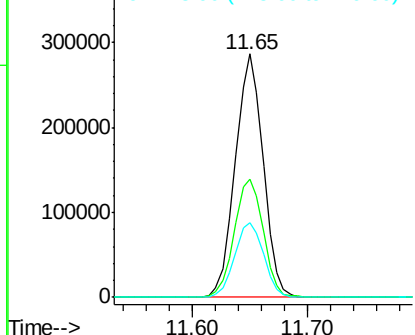


Abundance

Ion 116.90 (116.60 to 117.60): V

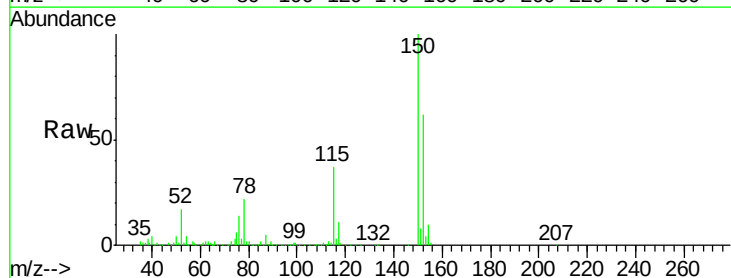
Ion 82.00 (81.70 to 82.70): V

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: VD067528.D
Acq: 04 Nov 2020 18:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	88.0
150	157.9	0.0	338.2

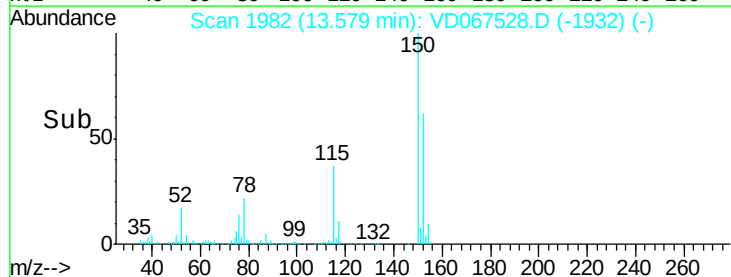
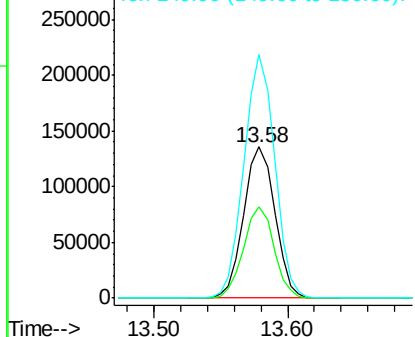


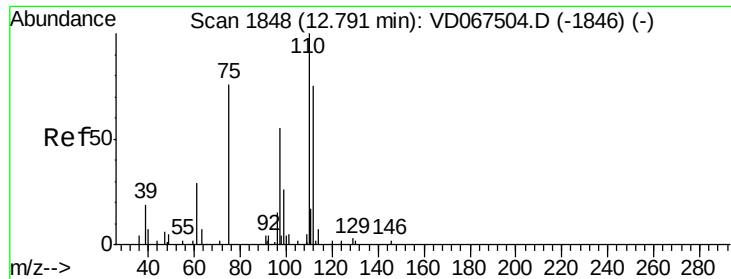
Abundance

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

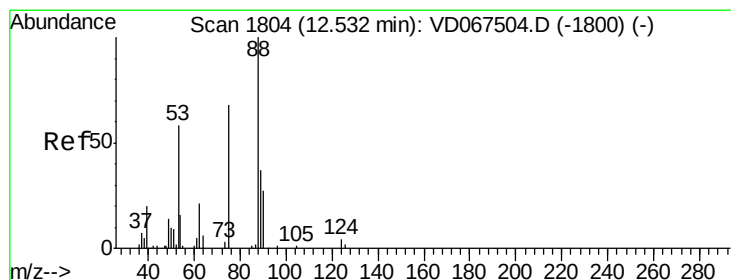
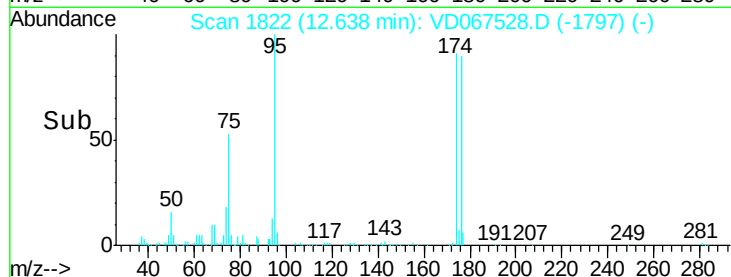
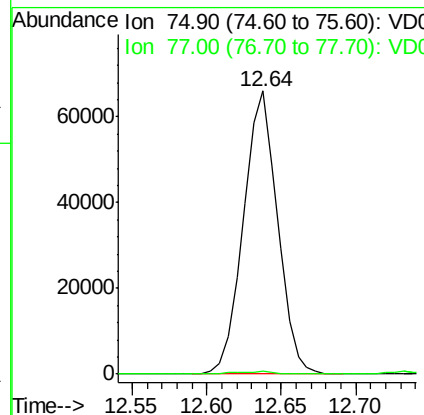
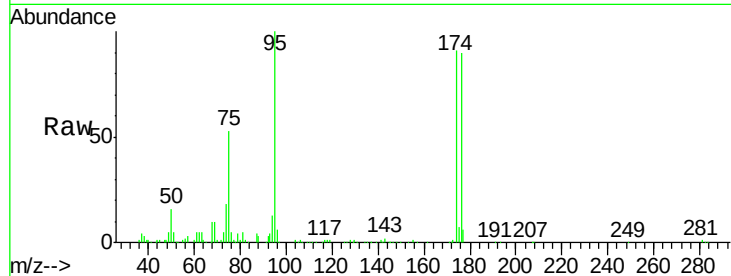




#76
 1,2,3-Trichloropropane
 Concen: 78.648 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067528.D
 Acq: 04 Nov 2020 18:50

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-110320RE

Tot Ion: 75 Resp: 104354
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 159.677 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067528.D
 Acq: 04 Nov 2020 18:50

Tgt Ion: 75 Resp: 104354
 Ion Ratio Lower Upper
 75 100
 53 0.2 75.9 113.9#
 89 0.0 44.6 67.0#

