

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067519.D
 Acq On : 04 Nov 2020 14:43
 Operator : VA/SY
 Sample : L4623-02
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Nov 05 00:37:54 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

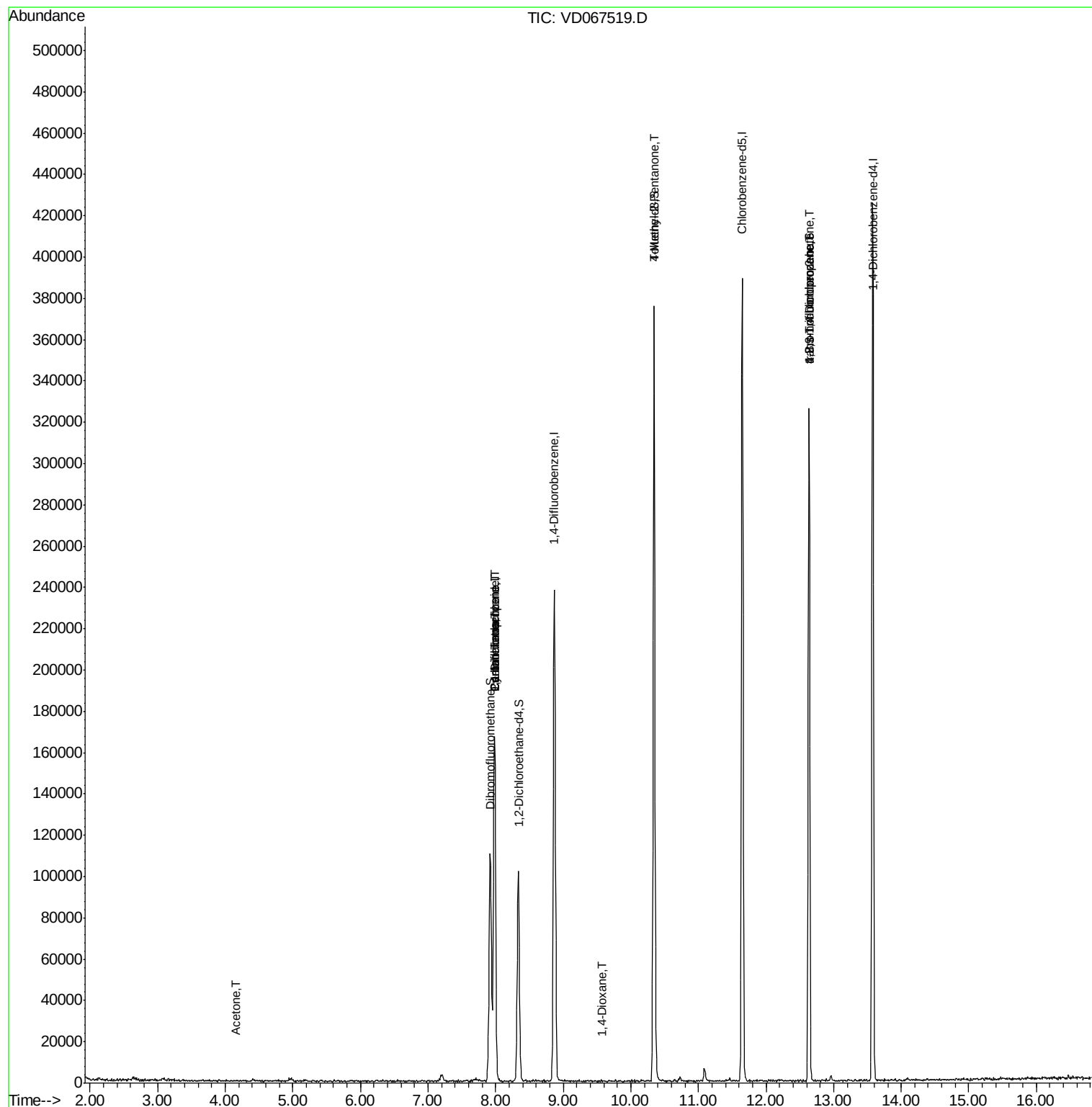
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	134125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	215420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	235701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	118503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	89290	76.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	152.28%	
35) Dibromofluoromethane	7.92	113	79463	61.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.44%	
50) Toluene-d8	10.34	98	262253	57.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.00%	
62) 4-Bromofluorobenzene	12.64	95	100552	63.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.70%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	423	2.410	ug/l #	43
31) Cyclohexane	7.98	56	2420	1.423	ug/l #	47
36) 1,1-Dichloropropene	7.99	75	9491	5.147	ug/l #	43
38) Carbon Tetrachloride	7.98	117	13698	5.717	ug/l #	15
49) 1,4-Dioxane	9.57	88	54	7.747	ug/l #	31
51) 4-Methyl-2-Pentanone	10.34	43	1074	2.372	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	51889	72.585	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	51889	147.366	ug/l #	10

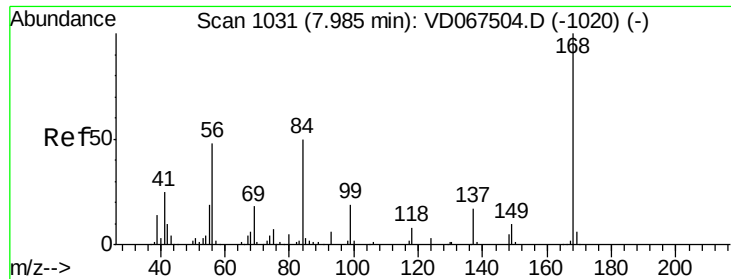
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1030

Delta R.T. -0.01 min

Lab File: VD067519.D

Acq: 04 Nov 2020 14:43

Instrument :

MSVOA_D

ClientSampleId :

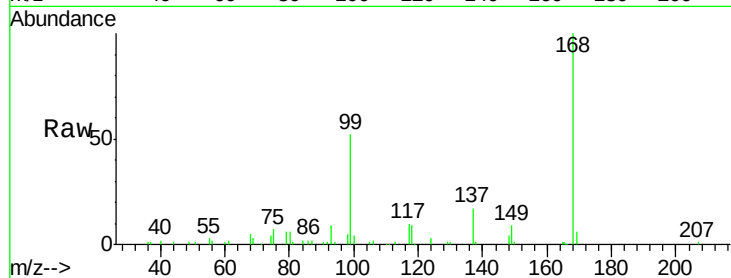
VOC

Tot Ion:168 Resp: 134125

Ion Ratio Lower Upper

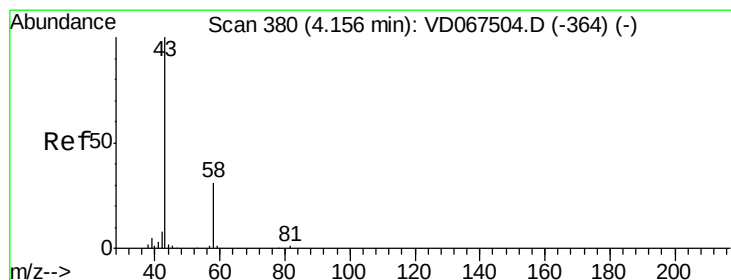
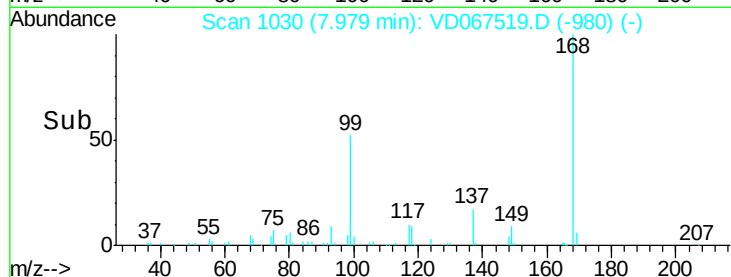
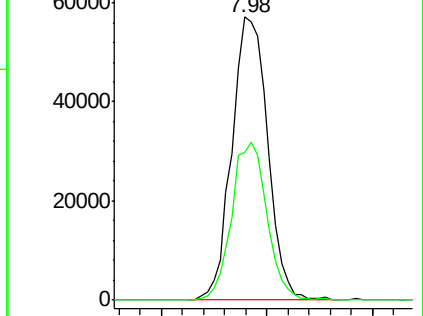
168 100

99 52.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 2.410 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067519.D

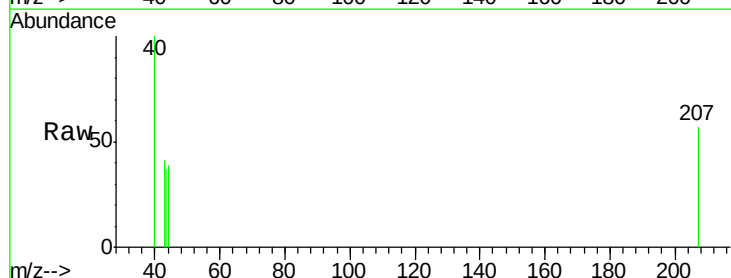
Acq: 04 Nov 2020 14:43

Tgt Ion: 43 Resp: 423

Ion Ratio Lower Upper

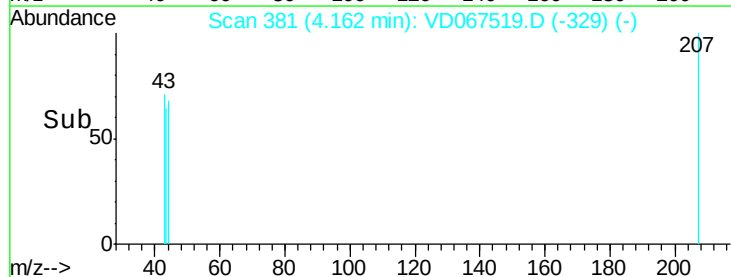
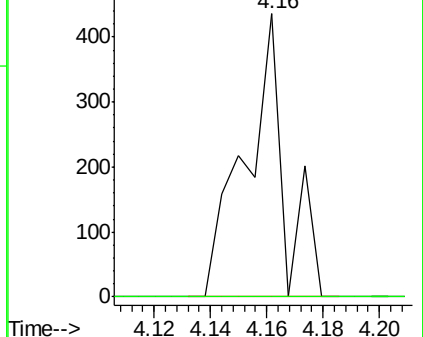
43 100

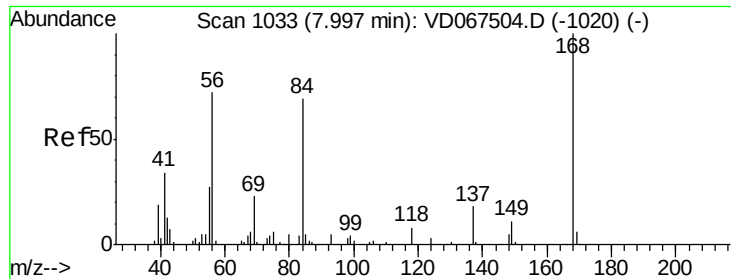
58 0.0 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

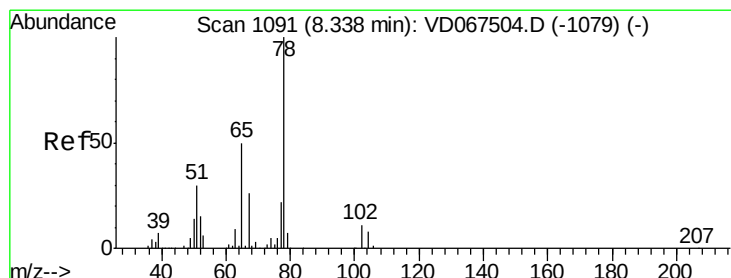
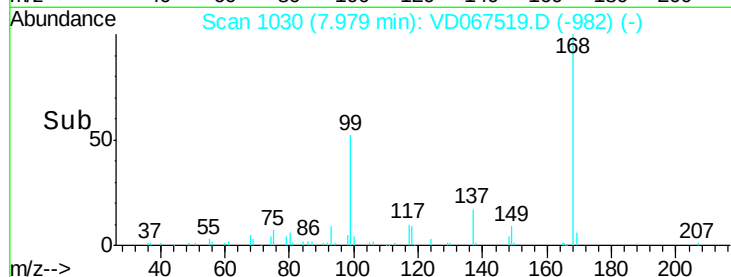
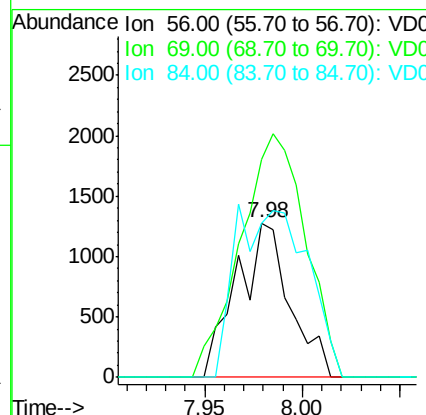
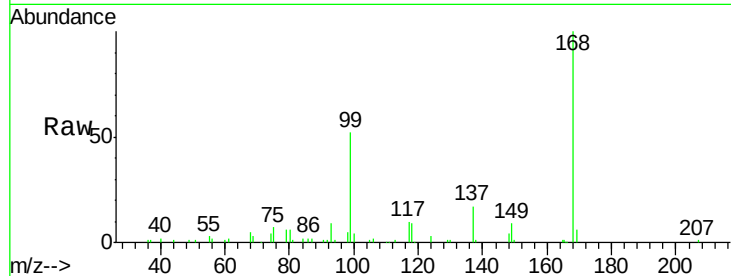




#31
Cyclohexane
Concen: 1.423 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067519.D
Acq: 04 Nov 2020 14:43

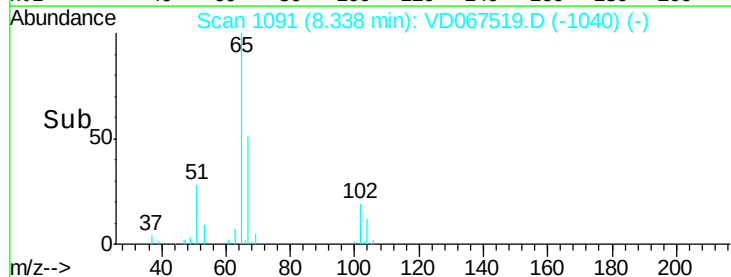
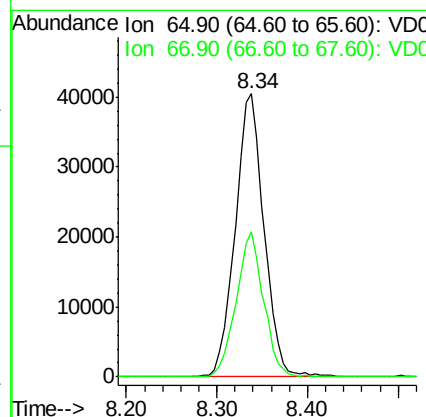
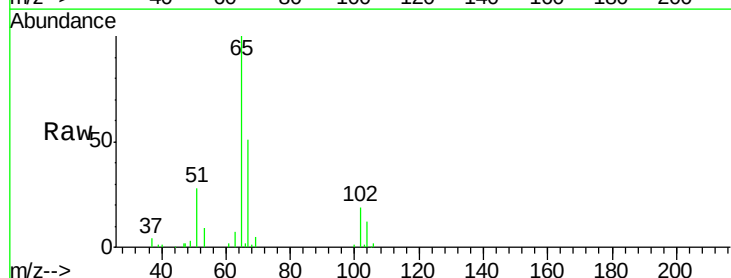
Instrument :
MSVOA_D
ClientSampled :
VOC

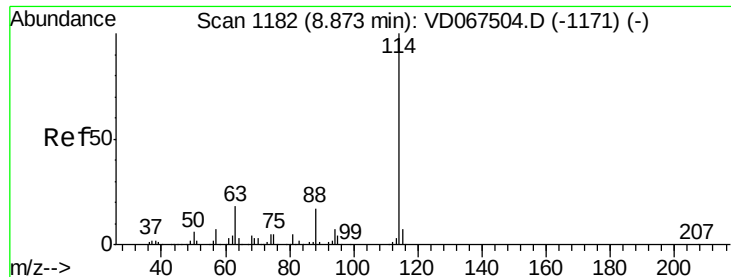
Tot Ion: 56 Resp: 2420
Ion Ratio Lower Upper
56 100
69 141.6 25.9 38.9#
84 99.9 76.2 114.4



#33
1,2-Dichloroethane-d4
Concen: 76.136 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD067519.D
Acq: 04 Nov 2020 14:43

Tgt Ion: 65 Resp: 89290
Ion Ratio Lower Upper
65 100
67 48.5 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: VD067519.D

Acq: 04 Nov 2020 14:43

Instrument :

MSVOA_D

ClientSampled :

VOC

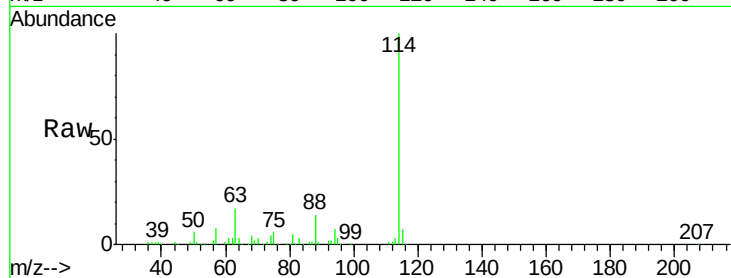
Tot Ion:114 Resp: 215420

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

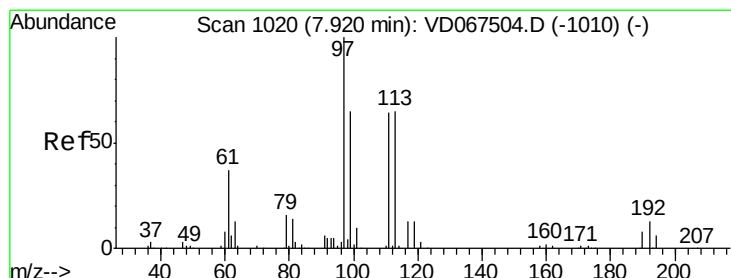
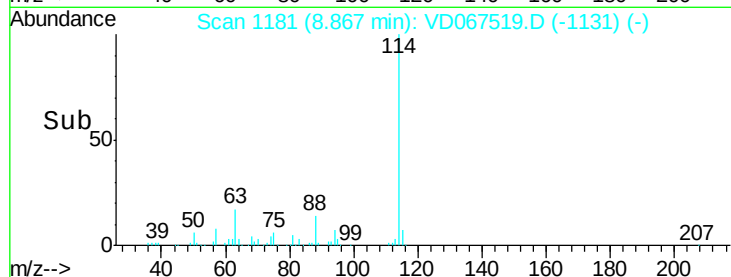
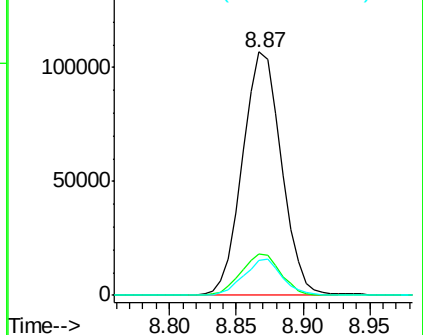
88 14.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 61.224 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067519.D

Acq: 04 Nov 2020 14:43

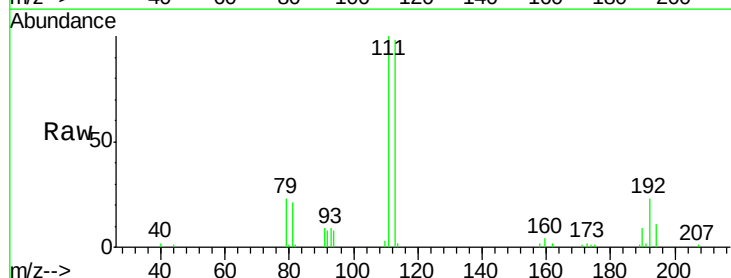
Tgt Ion:113 Resp: 79463

Ion Ratio Lower Upper

113 100

111 101.2 80.0 120.0

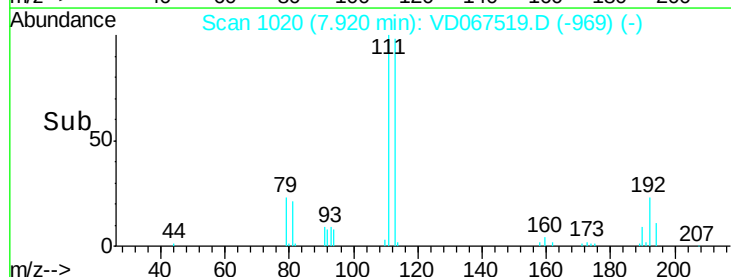
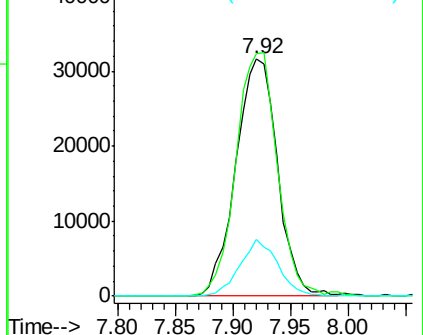
192 21.9 16.3 24.5

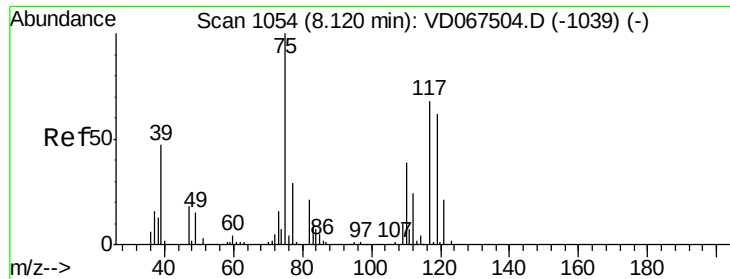


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

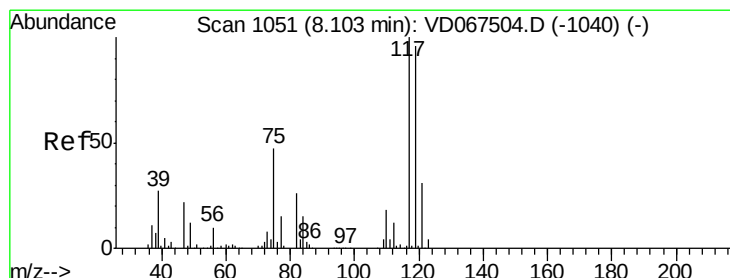
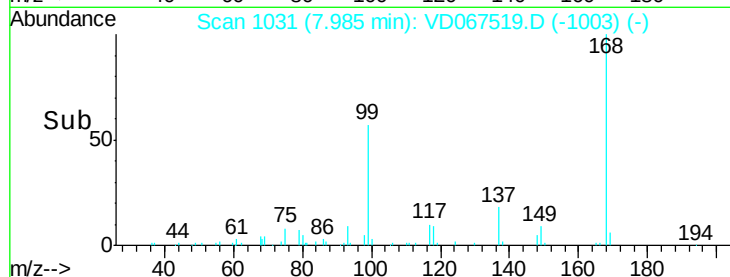
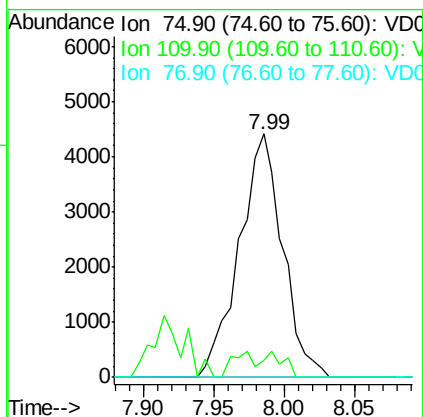
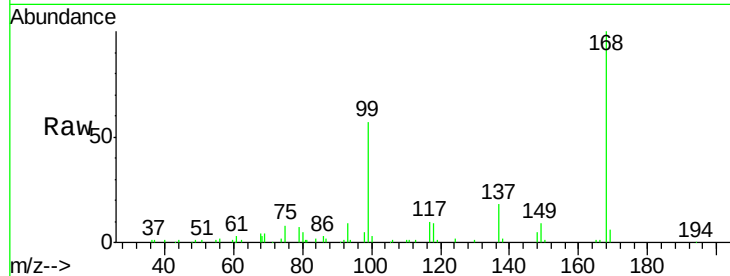




#36
 1,1-Dichloropropene
 Concen: 5.147 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.14 min
 Lab File: VD067519.D
 Acq: 04 Nov 2020 14:43

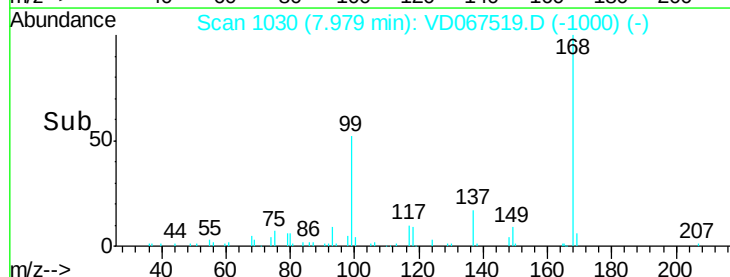
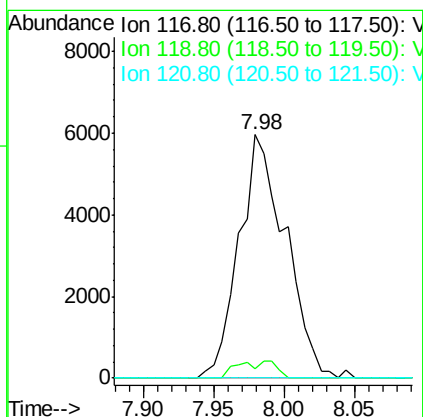
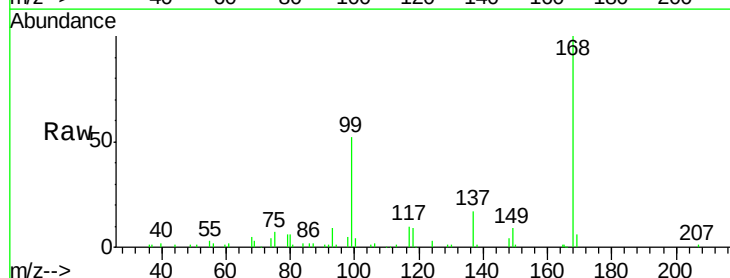
Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

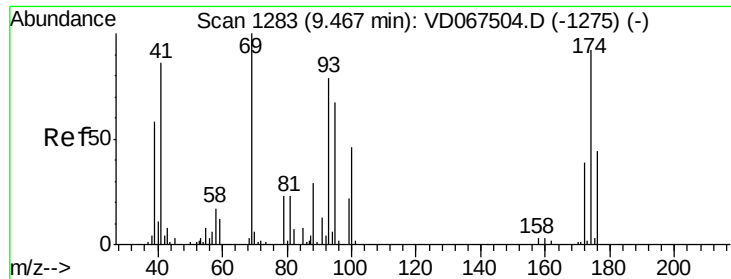
Tot Ion: 75 Resp: 9491
 Ion Ratio Lower Upper
 75 100
 110 4.0 19.9 59.7#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.717 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD067519.D
 Acq: 04 Nov 2020 14:43

Tgt Ion: 117 Resp: 13698
 Ion Ratio Lower Upper
 117 100
 119 3.6 76.9 115.3#
 121 0.0 24.5 36.7#

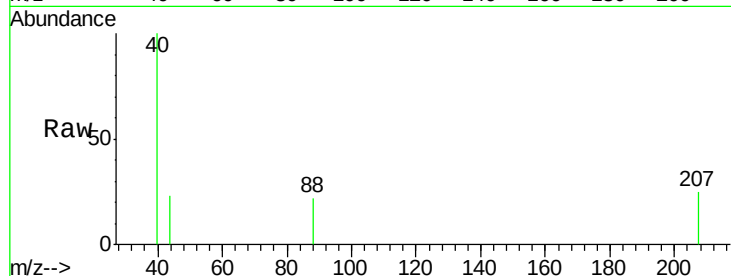




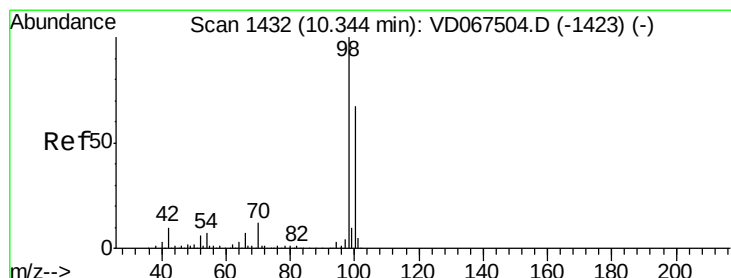
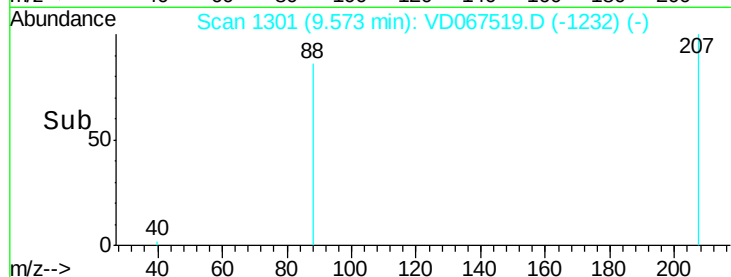
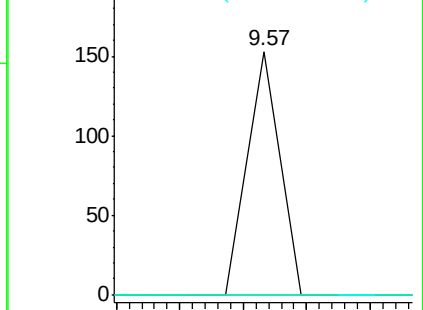
#49
 1,4-Dioxane
 Concen: 7.747 ug/l
 RT: 9.57 min Scan# 1301
 Delta R.T. 0.11 min
 Lab File: VD067519.D
 Acq: 04 Nov 2020 14:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Tot Ion: 88 Resp: 54
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.6 35.4#
 58 0.0 44.7 67.1#

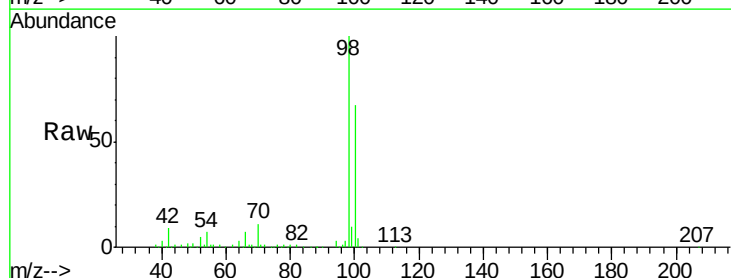


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

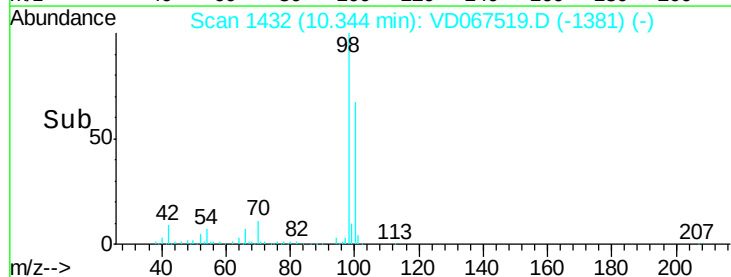
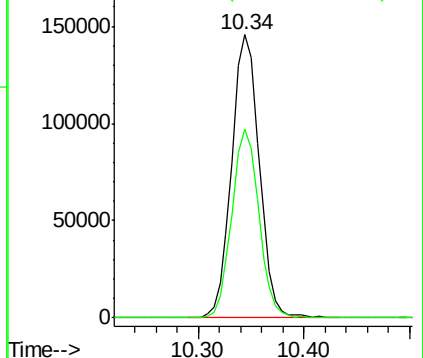


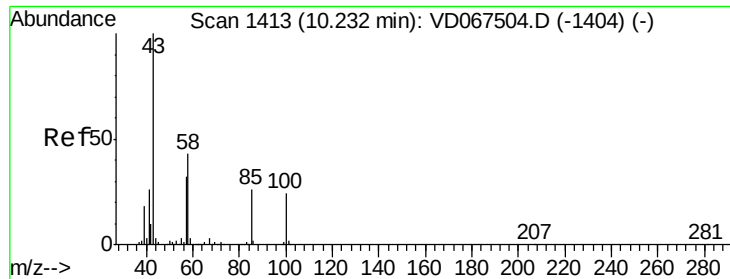
#50
 Toluene-d8
 Concen: 57.497 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067519.D
 Acq: 04 Nov 2020 14:43

Tgt Ion: 98 Resp: 262253
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.0 79.6



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

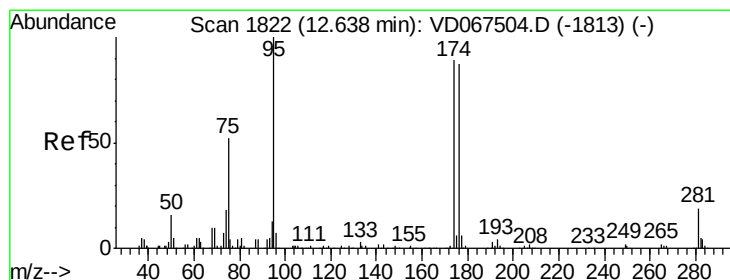
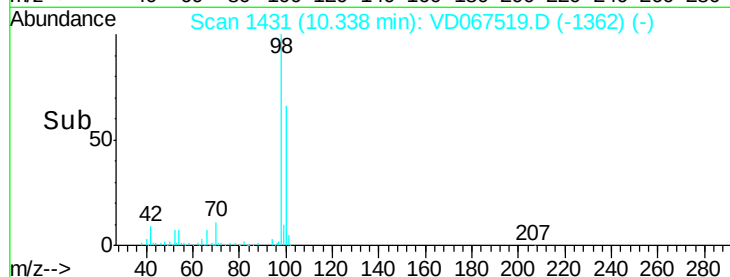
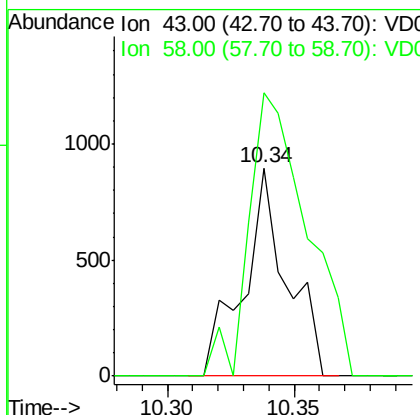
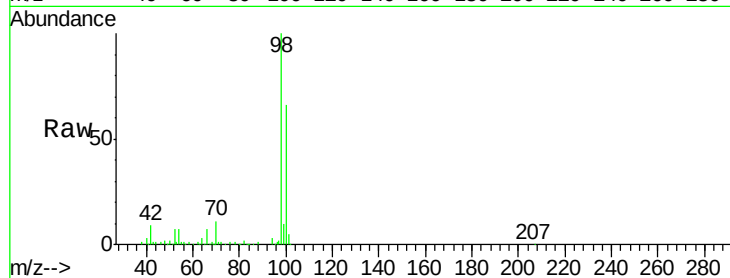




#51
 4-Methyl-2-Pentanone
 Concen: 2.372 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.11 min
 Lab File: VD067519.D
 Acq: 04 Nov 2020 14:43

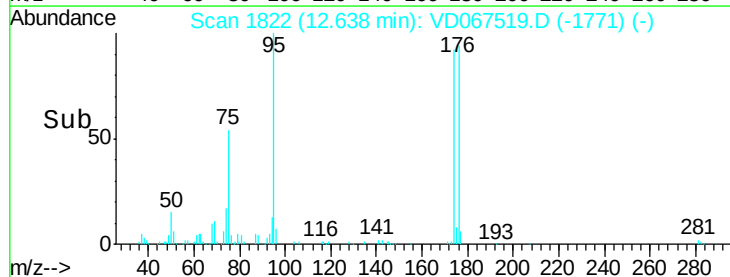
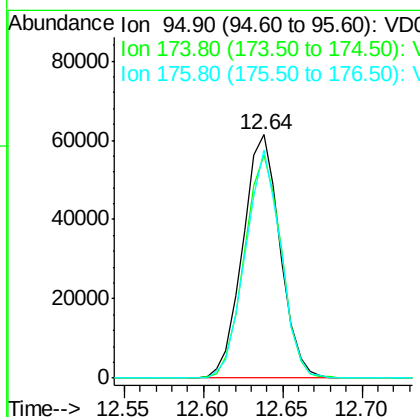
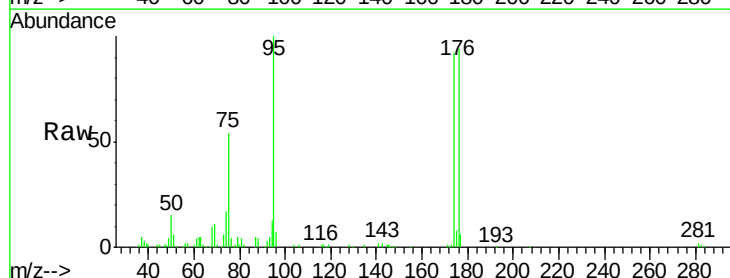
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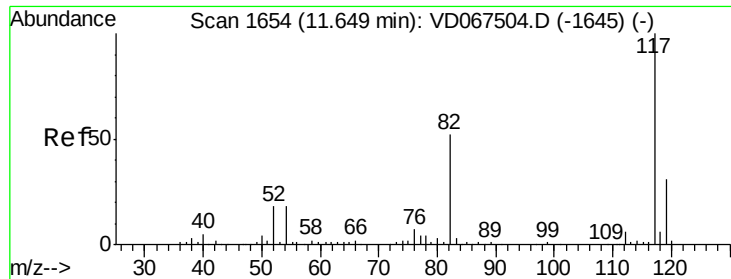
Tot Ion: 43 Resp: 1074
 Ion Ratio Lower Upper
 43 100
 58 182.3 35.6 53.4#



#62
 4-Bromofluorobenzene
 Concen: 63.854 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067519.D
 Acq: 04 Nov 2020 14:43

Tgt Ion: 95 Resp: 100552
 Ion Ratio Lower Upper
 95 100
 174 90.6 0.0 177.8
 176 89.0 0.0 172.0

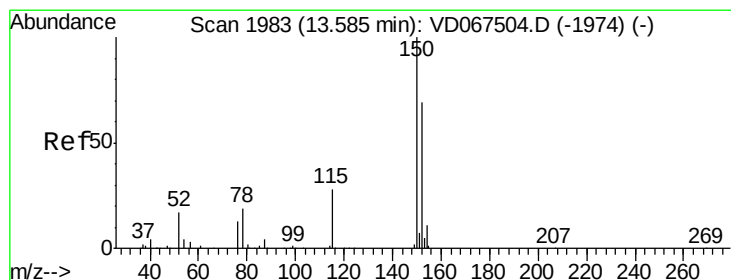
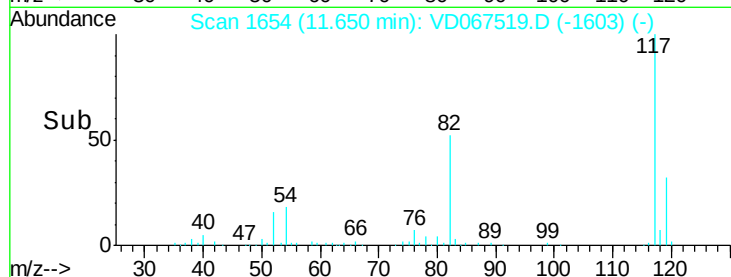
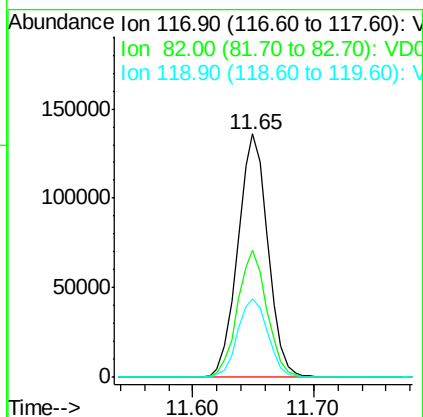
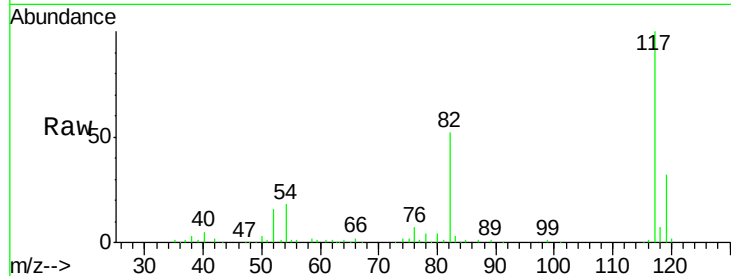




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067519.D
Acq: 04 Nov 2020 14:43

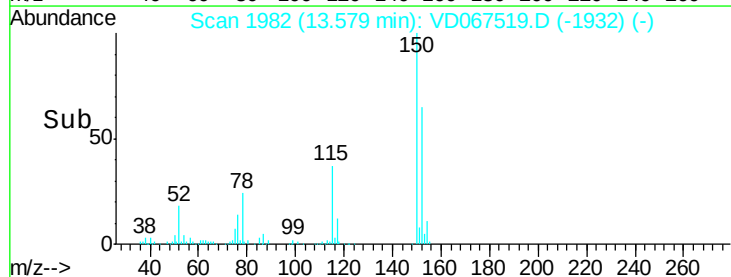
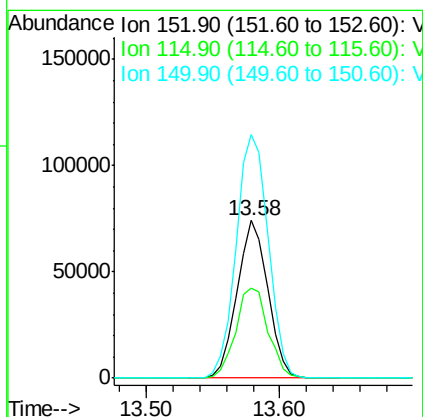
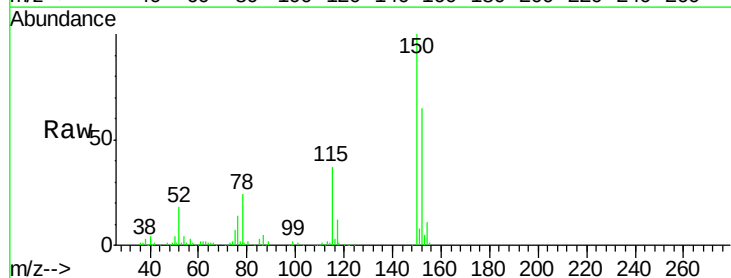
Instrument :
MSVOA_D
ClientSampled :
VOC

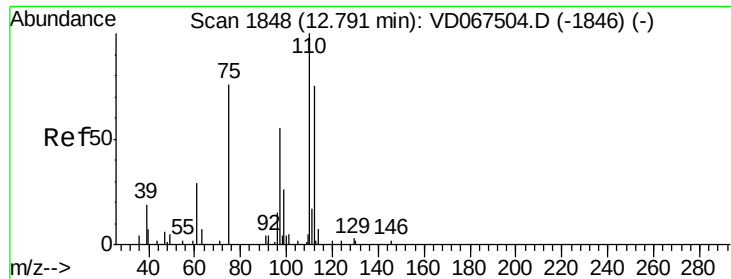
Tot Ion:117 Resp: 235701
Ion Ratio Lower Upper
117 100
82 52.0 41.6 62.4
119 32.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067519.D
Acq: 04 Nov 2020 14:43

Tgt Ion:152 Resp: 118503
Ion Ratio Lower Upper
152 100
115 60.0 29.3 88.0
150 160.8 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 72.585 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067519.D

Acq: 04 Nov 2020 14:43

Instrument :

MSVOA_D

ClientSampleId :

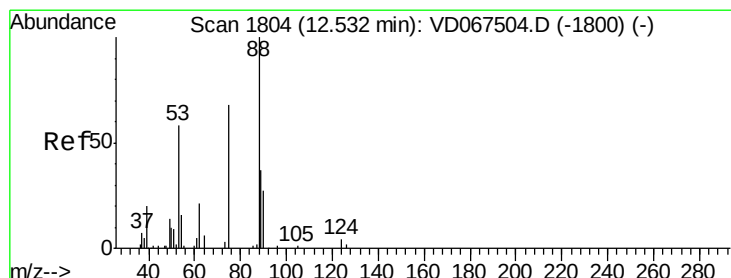
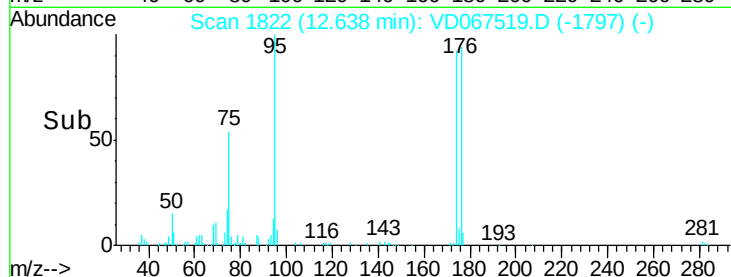
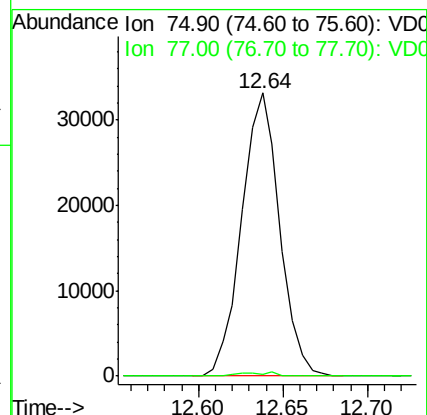
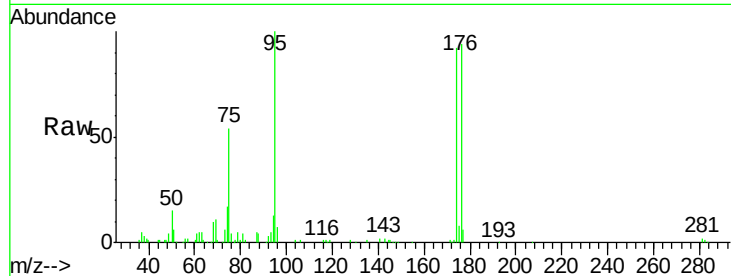
VOC

Tot Ion: 75 Resp: 51889

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 147.366 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067519.D

Acq: 04 Nov 2020 14:43

Tgt Ion: 75 Resp: 51889

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

