

Data File : VD067767.D
Acq On : 24 Nov 2020 14:19
Operator : VA/SY
Sample : L4872-01
Misc : 6.71G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-04-112320

Quant Time: Nov 25 02:04:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	146573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	236231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	266981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	91569	64.25	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	128.50%	
35) Dibromofluoromethane	7.91	113	81502	54.21	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	108.42%	
50) Toluene-d8	10.34	98	277872	50.56	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.64	95	123126	65.54	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	=	131.08%	

Target Compounds

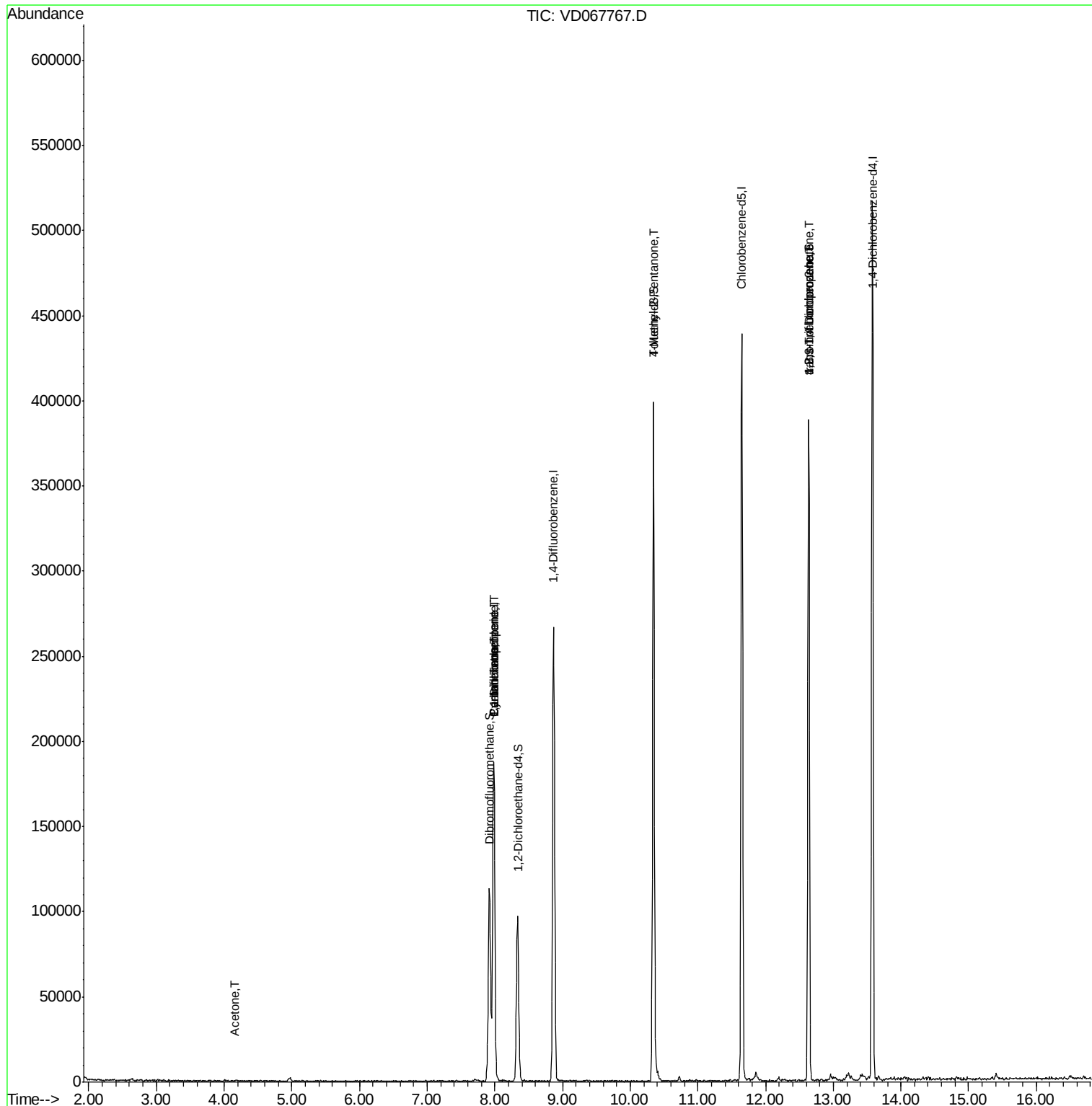
					Qvalue	
16) Acetone	4.16	43	466	2.531	ug/l #	40
20) Methylene Chloride	4.96	84	1172	Below Cal	#	69
31) Cyclohexane	7.98	56	3301	1.914	ug/l #	52
36) 1,1-Dichloropropene	7.98	75	10074	4.970	ug/l #	48
38) Carbon Tetrachloride	7.98	117	15838	5.390	ug/l #	19
51) 4-Methyl-2-Pentanone	10.34	43	1018	1.987	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	66670	68.914	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	66670	161.183	ug/l #	11

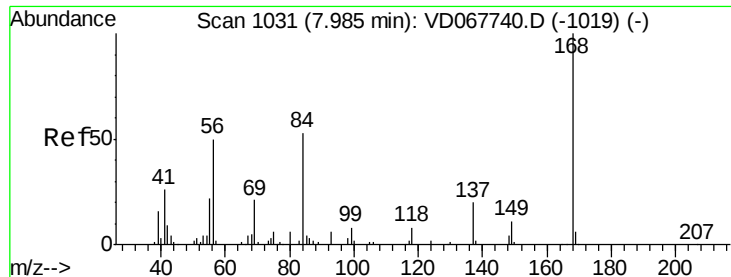
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VD067767.D
Acq On : 24 Nov 2020 14:19
Operator : VA/SY
Sample : L4872-01
Misc : 6.71G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-04-112320

Quant Time: Nov 25 02:04:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 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: VD067767.D

Acq: 24 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

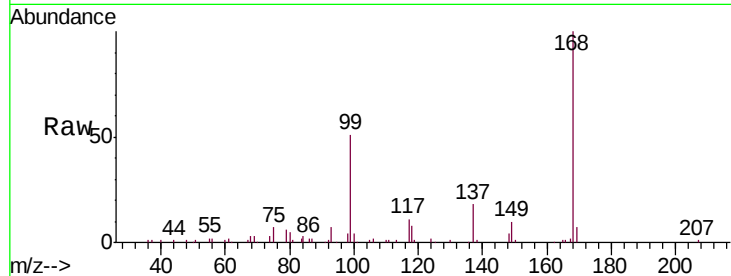
SU-04-112320

Tgt Ion:168 Resp: 146573

Ion Ratio Lower Upper

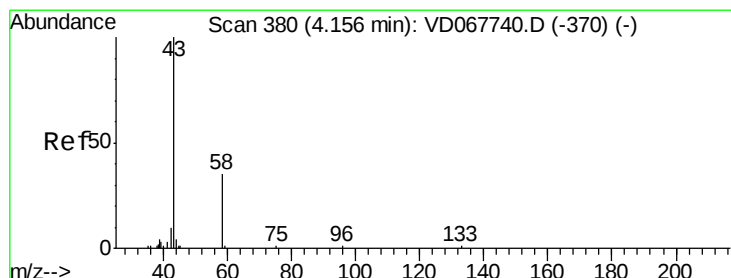
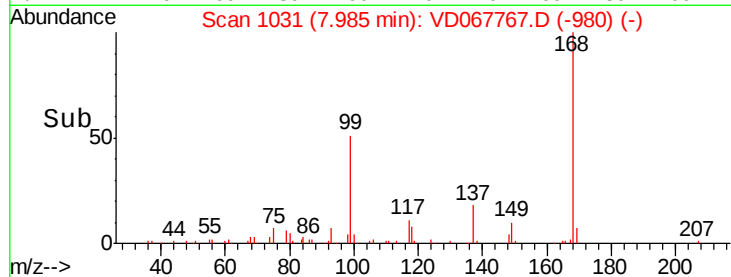
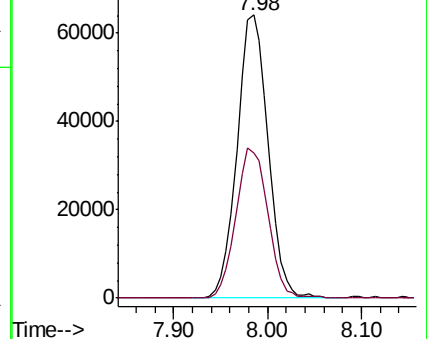
168 100

99 51.4 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 2.531 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067767.D

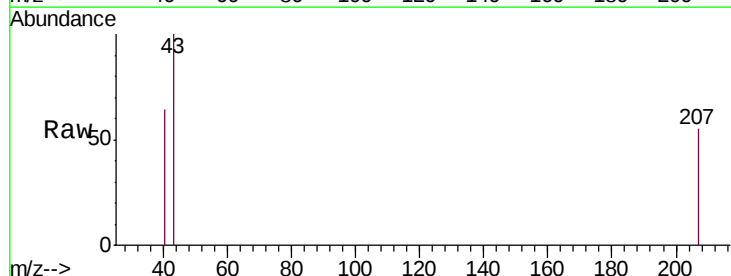
Acq: 24 Nov 2020 14:19

Tgt Ion: 43 Resp: 466

Ion Ratio Lower Upper

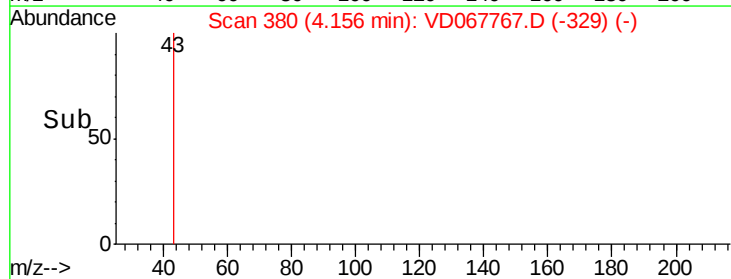
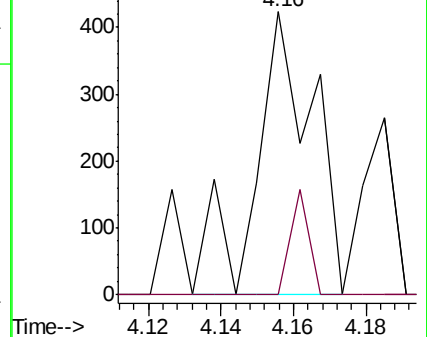
43 100

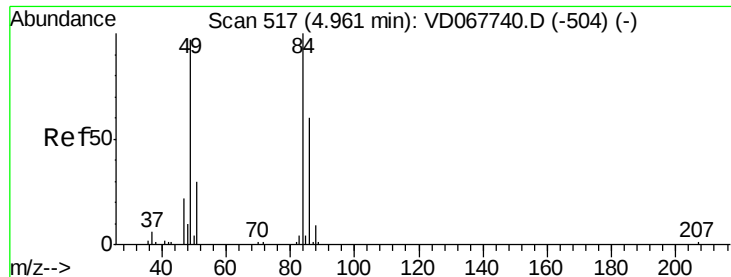
58 0.0 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

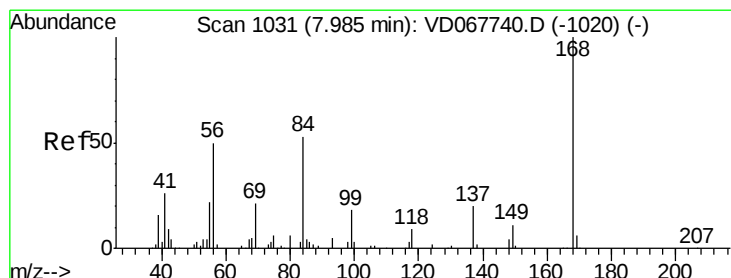
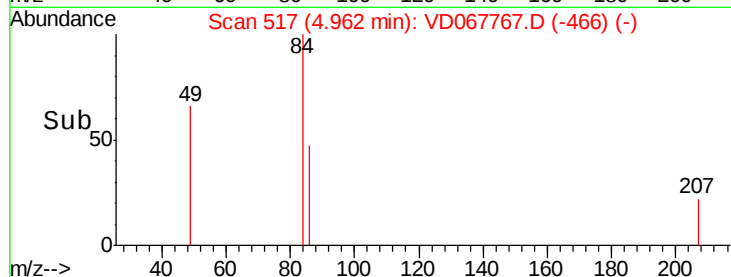
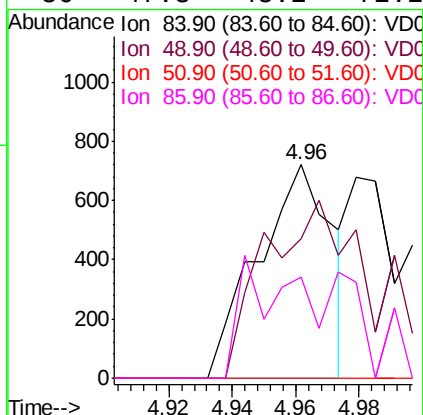
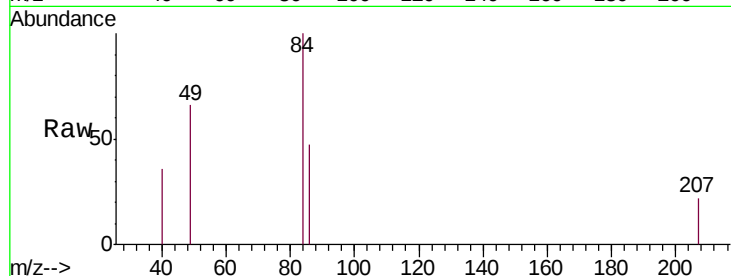




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067767.D
Acq: 24 Nov 2020 14:19

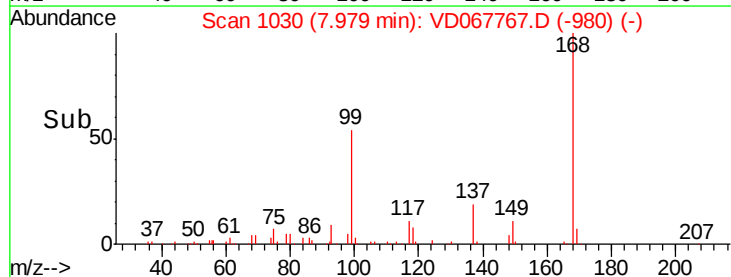
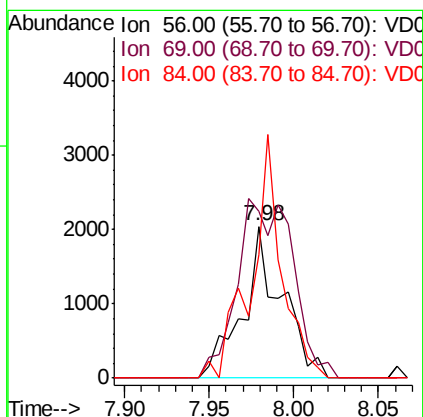
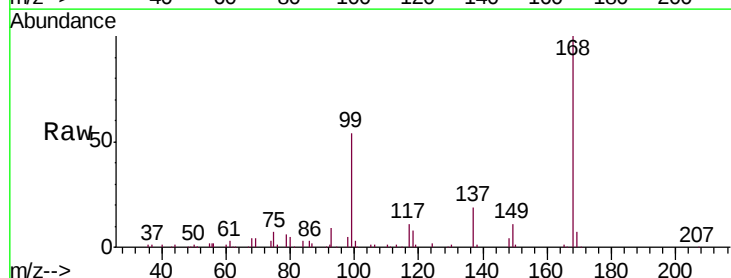
Instrument :
MSVOA_D
ClientSampleId :
SU-04-112320

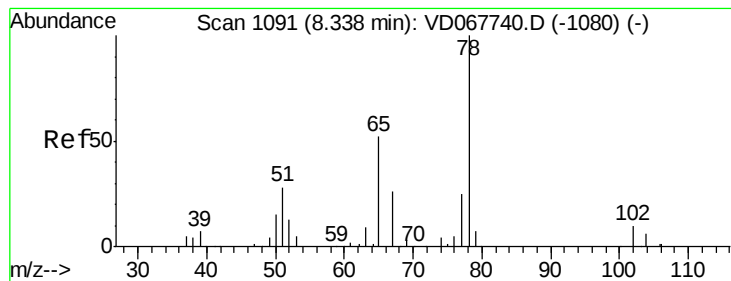
Tgt Ion: 84 Resp: 1172
Ion Ratio Lower Upper
84 100
49 65.6 77.4 116.2#
51 0.0 24.1 36.1#
86 47.3 48.2 72.2#



#31
Cyclohexane
Concen: 1.914 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067767.D
Acq: 24 Nov 2020 14:19

Tgt Ion: 56 Resp: 3301
Ion Ratio Lower Upper
56 100
69 109.8 33.2 49.8#
84 81.1 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 64.252 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067767.D

Acq: 24 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

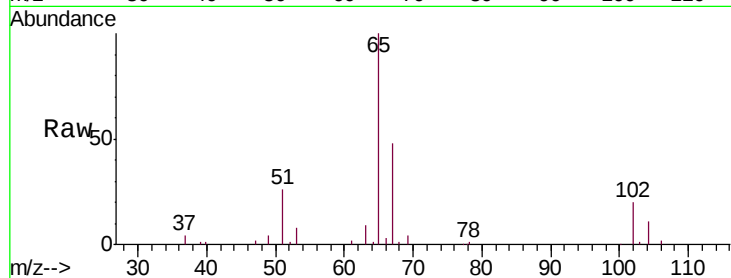
SU-04-112320

Tgt Ion: 65 Resp: 91569

Ion Ratio Lower Upper

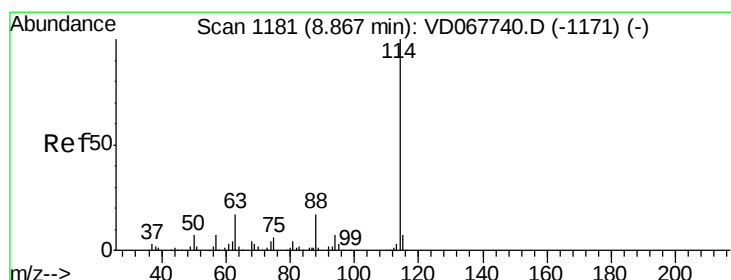
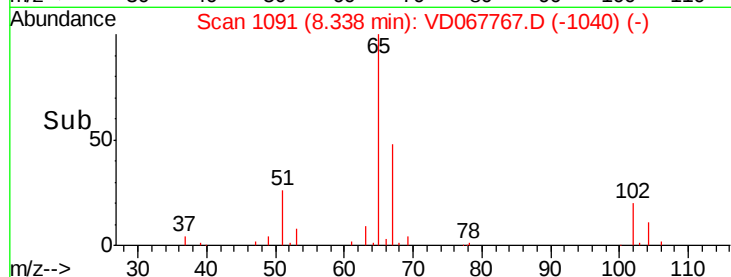
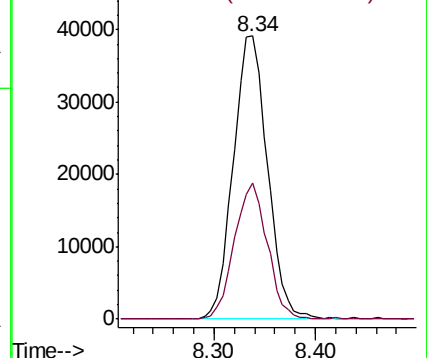
65 100

67 46.2 0.0 101.0



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: VD067767.D

Acq: 24 Nov 2020 14:19

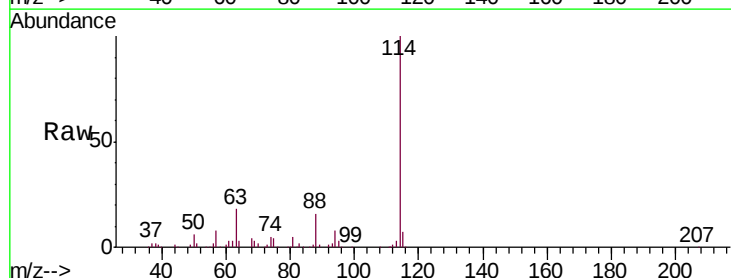
Tgt Ion: 114 Resp: 236231

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

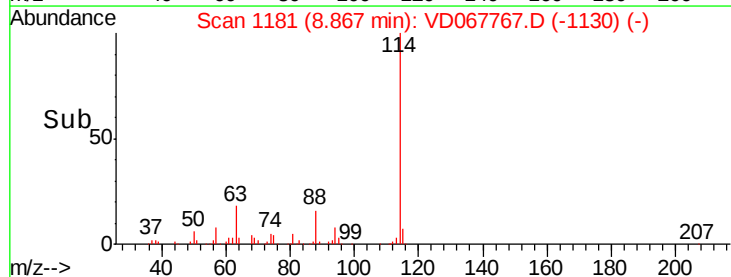
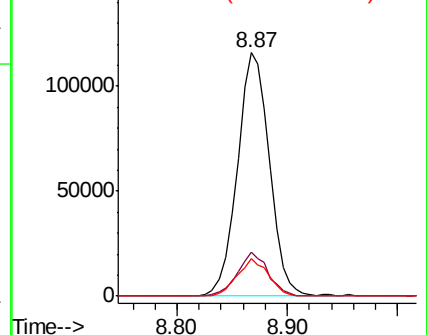
88 15.7 0.0 34.4

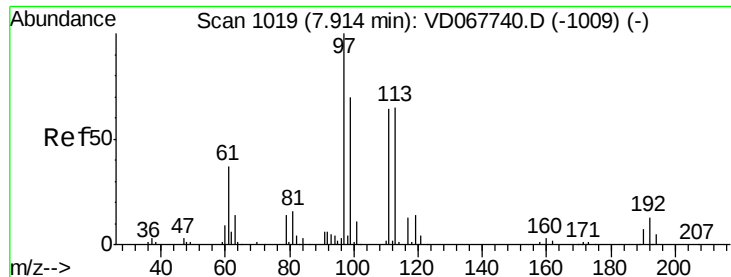


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

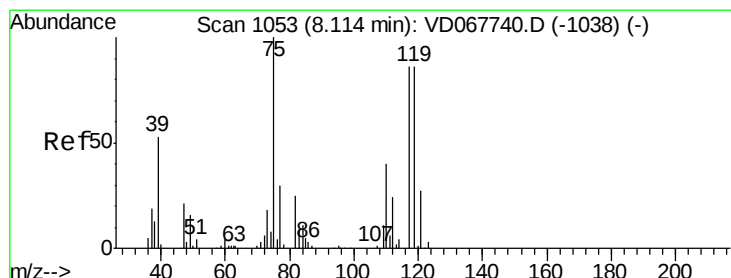
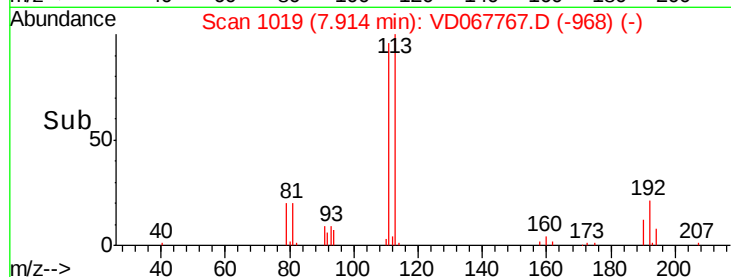
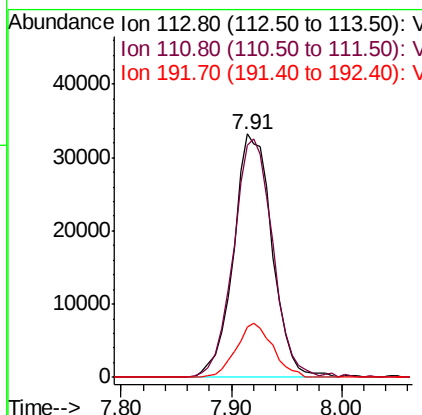
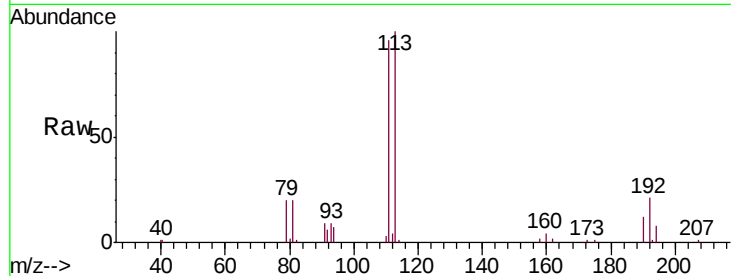




#35
Dibromofluoromethane
Concen: 54.213 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067767.D
Acq: 24 Nov 2020 14:19

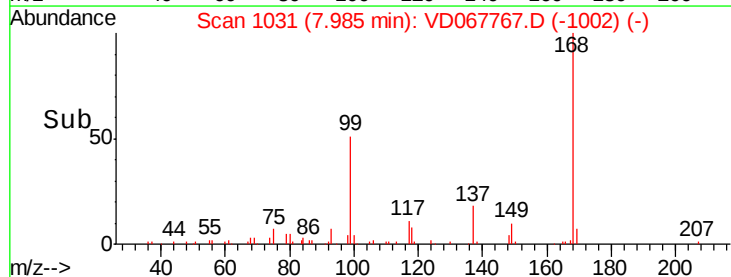
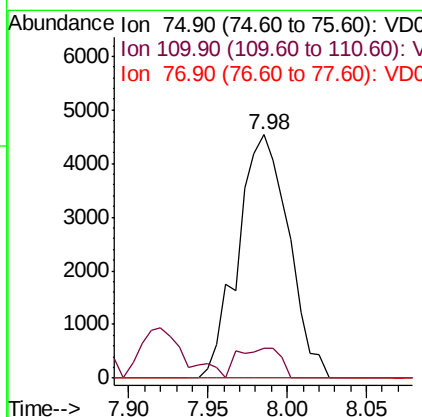
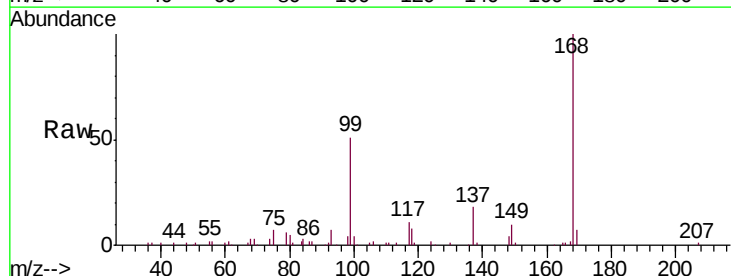
Instrument :
MSVOA_D
ClientSampleId :
SU-04-112320

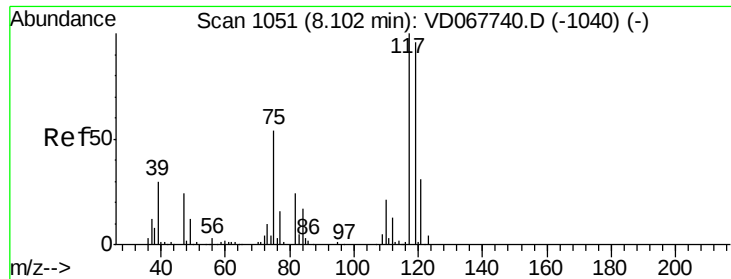
Tgt Ion: 113 Resp: 81502
Ion Ratio Lower Upper
113 100
111 100.0 81.4 122.0
192 21.1 17.0 25.4



#36
1,1-Dichloropropene
Concen: 4.970 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD067767.D
Acq: 24 Nov 2020 14:19

Tgt Ion: 75 Resp: 10074
Ion Ratio Lower Upper
75 100
110 10.4 20.1 60.2#
77 0.0 24.8 37.2#

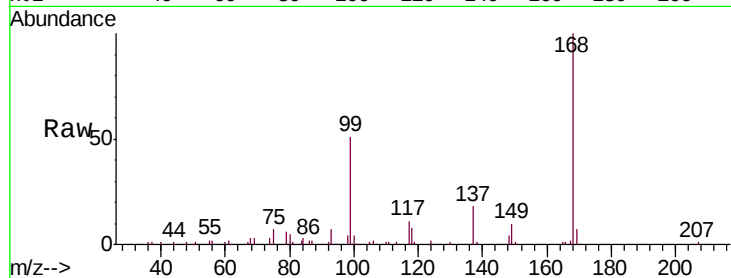




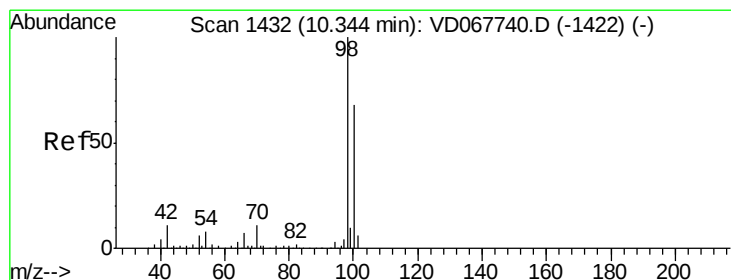
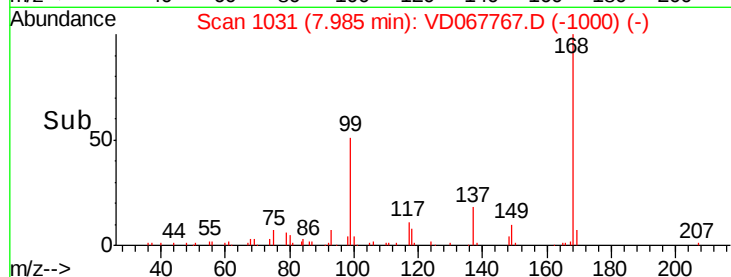
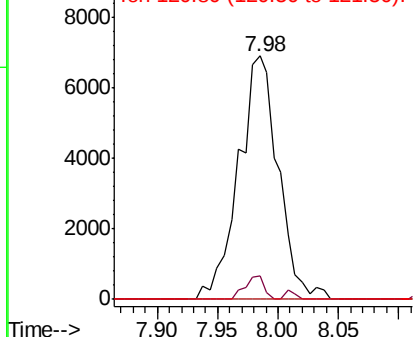
#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067767.D
Acq: 24 Nov 2020 14:19

Instrument :
MSVOA_D
ClientSampleId :
SU-04-112320

Tgt Ion:117 Resp: 15838
Ion Ratio Lower Upper
117 100
119 9.5 76.6 115.0#
121 0.0 24.5 36.7#

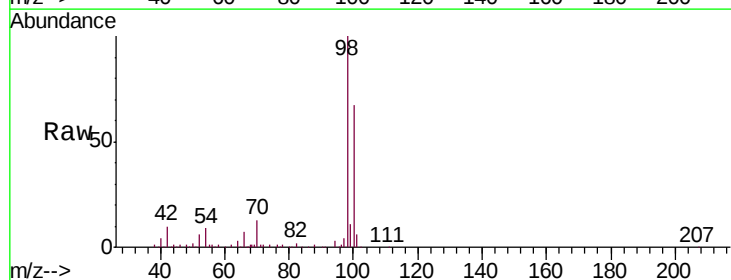


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

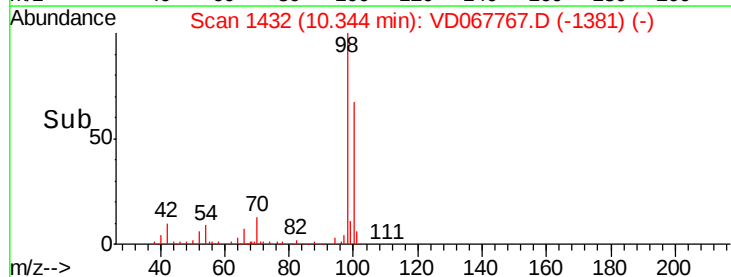
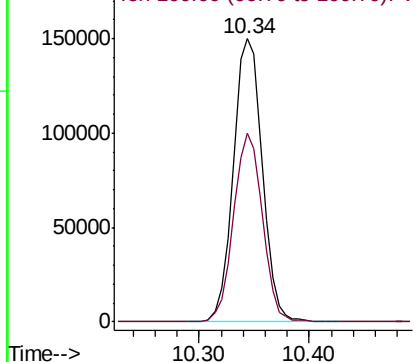


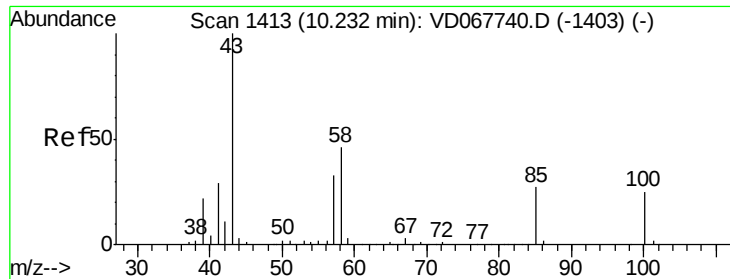
#50
Toluene-d8
Concen: 50.555 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067767.D
Acq: 24 Nov 2020 14:19

Tgt Ion: 98 Resp: 277872
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



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

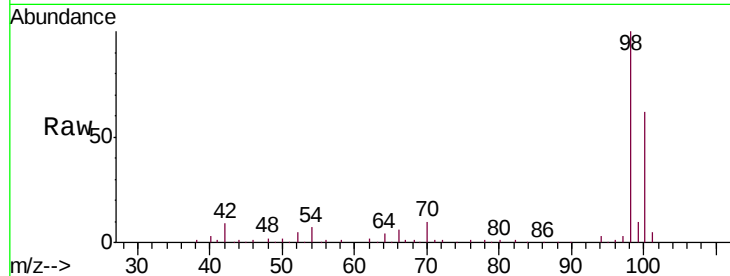




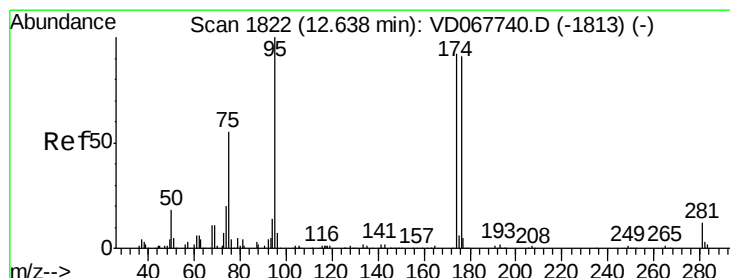
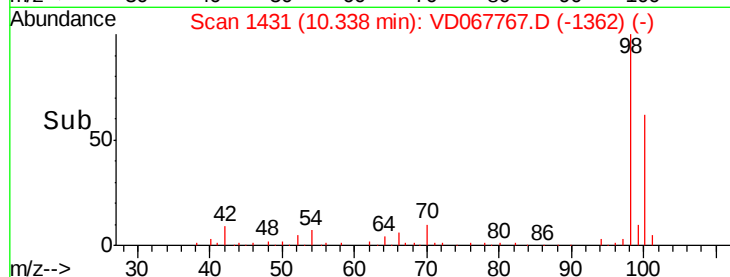
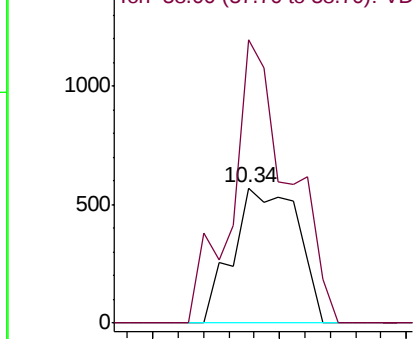
#51
4-Methyl-2-Pentanone
Concen: 1.987 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD067767.D
Acq: 24 Nov 2020 14:19

Instrument :
MSVOA_D
ClientSampleId :
SU-04-112320

Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
58 184.2 34.7 52.1#

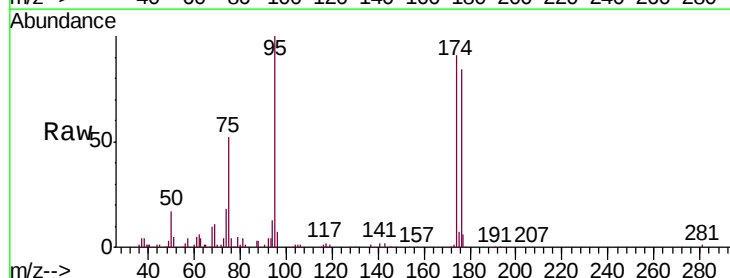


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

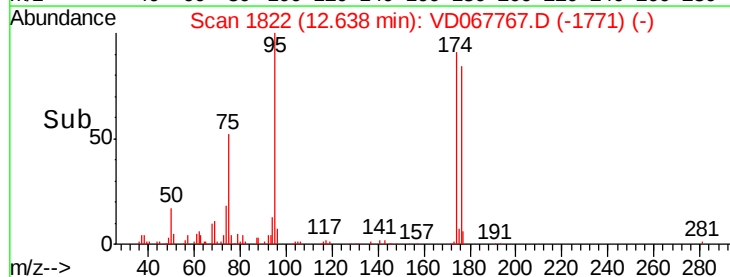
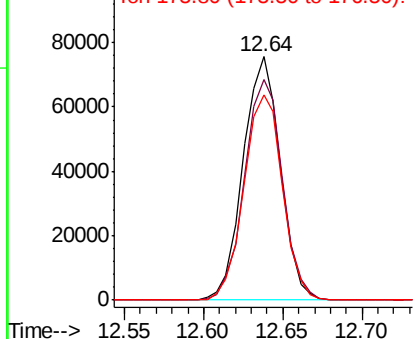


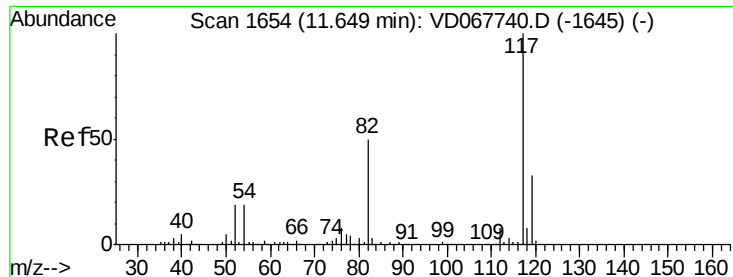
#62
4-Bromofluorobenzene
Concen: 65.538 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067767.D
Acq: 24 Nov 2020 14:19

Tgt Ion: 95 Resp: 123126
Ion Ratio Lower Upper
95 100
174 92.3 0.0 182.4
176 87.6 0.0 178.2



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: VD067767.D

Acq: 24 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

SU-04-112320

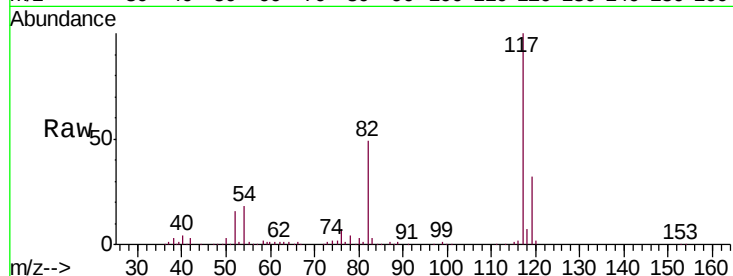
Tgt Ion:117 Resp: 266981

Ion Ratio Lower Upper

117 100

82 49.4 40.2 60.4

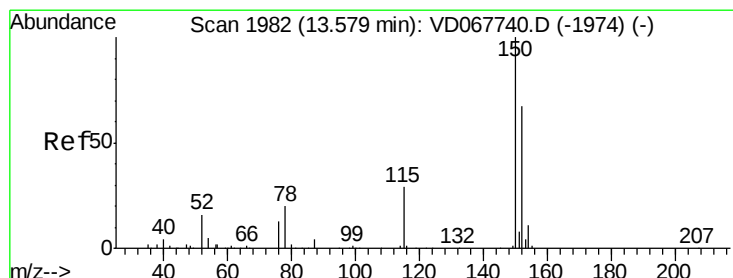
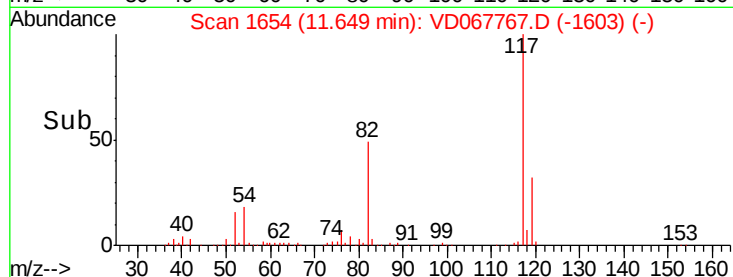
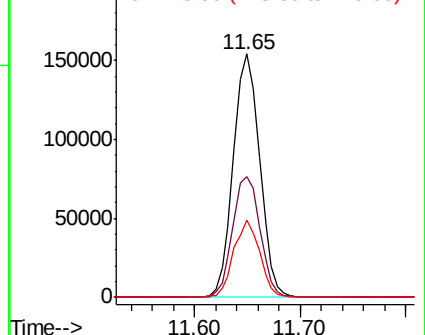
119 31.6 26.5 39.7



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. 0.00 min

Lab File: VD067767.D

Acq: 24 Nov 2020 14:19

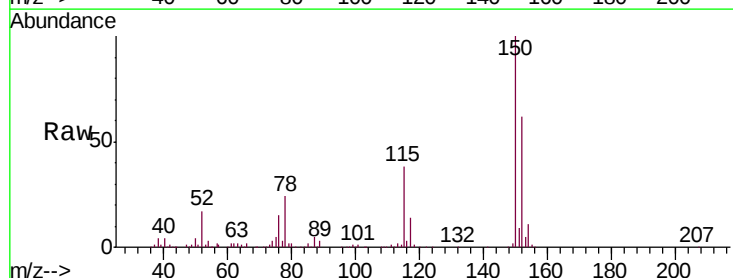
Tgt Ion:152 Resp: 138811

Ion Ratio Lower Upper

152 100

115 60.4 29.4 88.3

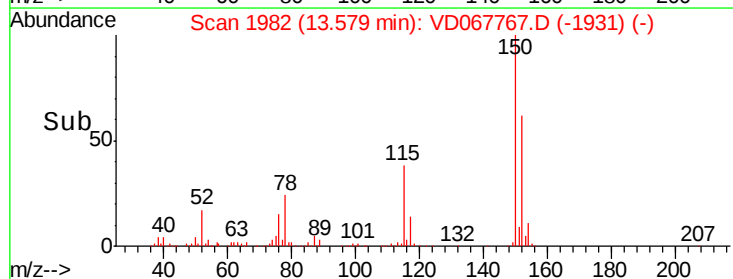
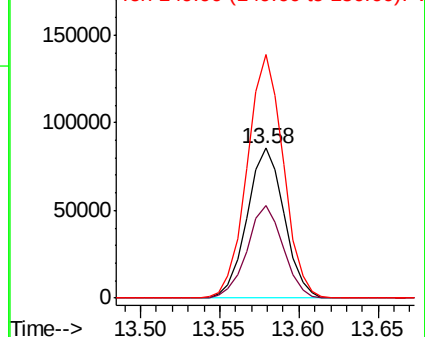
150 158.9 0.0 340.6

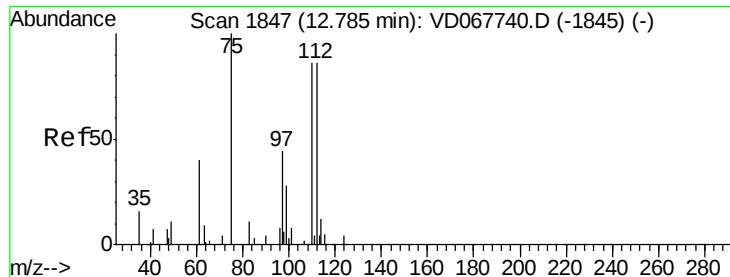


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 68.914 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067767.D

Acq: 24 Nov 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

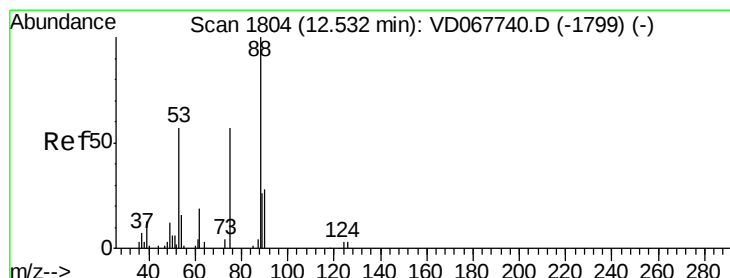
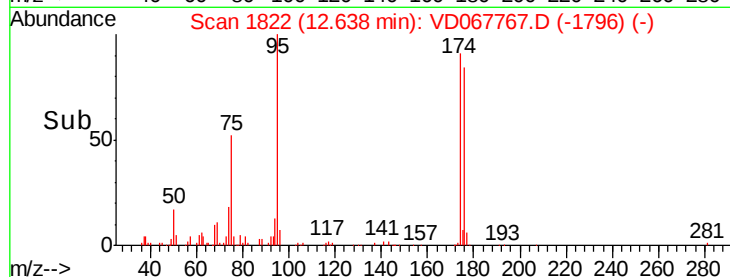
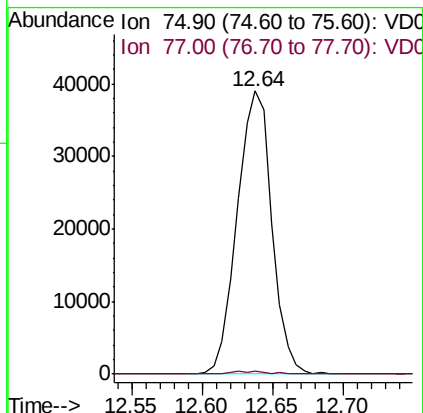
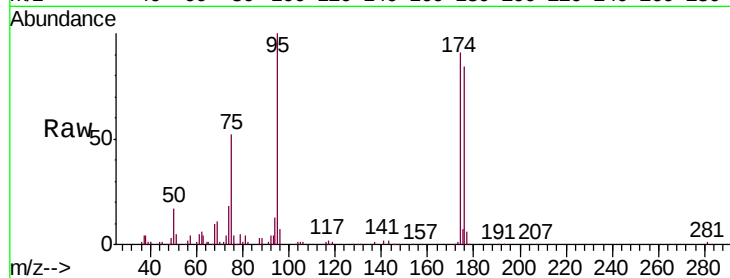
SU-04-112320

Tgt Ion: 75 Resp: 66670

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 161.183 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067767.D

Acq: 24 Nov 2020 14:19

Tgt Ion: 75 Resp: 66670

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.0 40.2 60.4#

