

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120920\
 Data File : VD067922.D
 Acq On : 09 Dec 2020 12:31
 Operator : VA/SY
 Sample : L4983-03
 Misc : 6.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR1-D-BOTTOM

Quant Time: Dec 10 02:09:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	185088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	257909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	232064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	117280	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	101046	50.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.70%
35) Dibromofluoromethane	7.92	113	79980	46.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.68%
50) Toluene-d8	10.34	98	290477	46.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.52%
62) 4-Bromofluorobenzene	12.64	95	95182	44.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.64%

Target Compounds

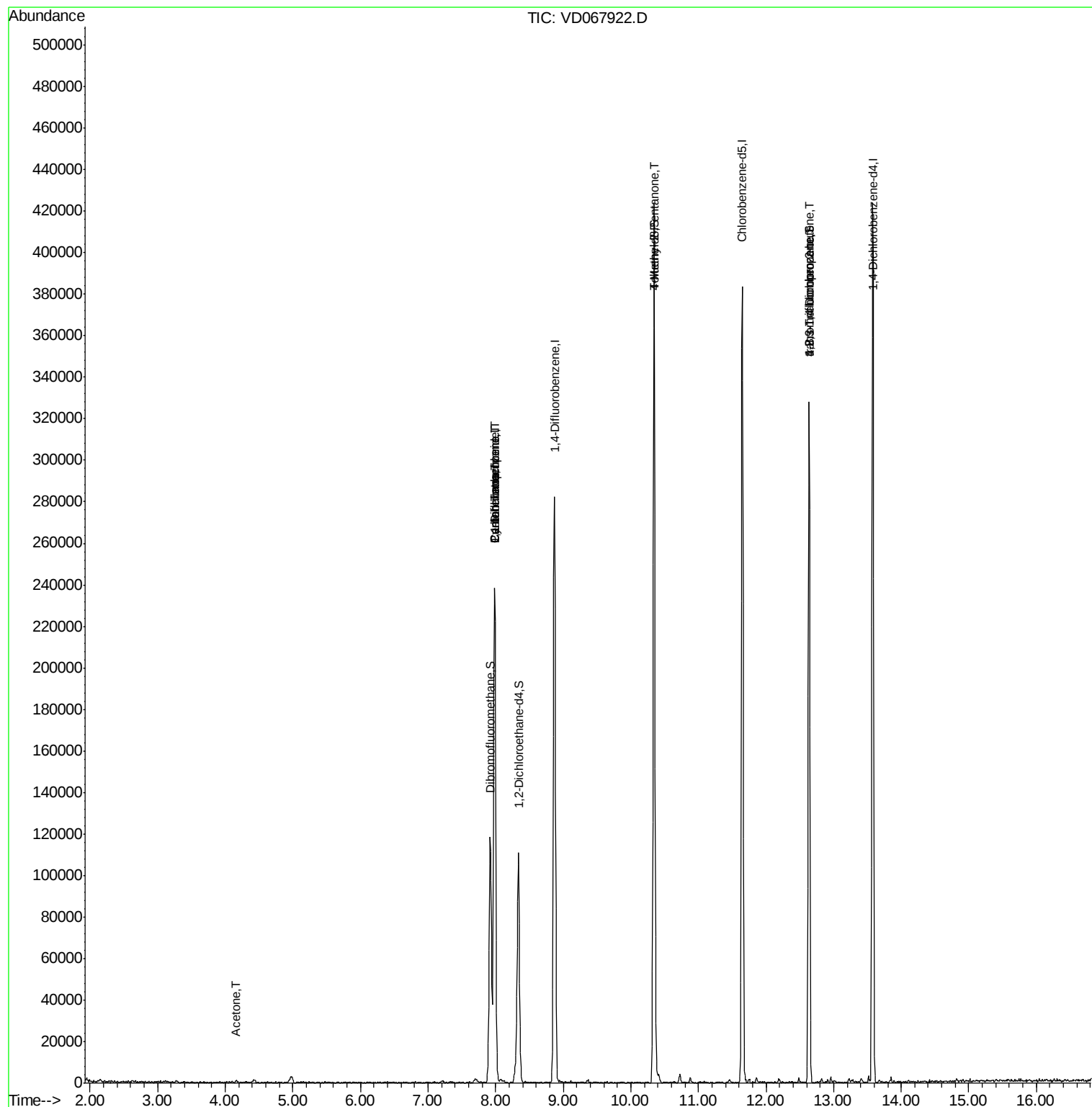
					Qvalue	
16) Acetone	4.16	43	1501	6.113	ug/l	95
20) Methylene Chloride	4.98	84	2878	Below Cal	#	60
31) Cyclohexane	7.98	56	3845	1.837	ug/l #	29
36) 1,1-Dichloropropene	7.99	75	13072	5.855	ug/l #	43
38) Carbon Tetrachloride	7.98	117	18789	5.562	ug/l #	15
51) 4-Methyl-2-Pentanone	10.35	43	1267	2.261	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	55319	64.771	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	55319	154.938	ug/l #	7

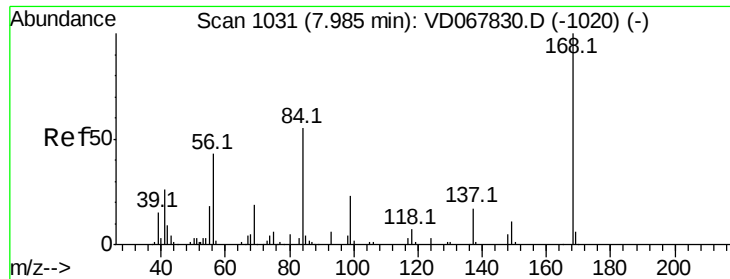
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120920\
Data File : VD067922.D
Acq On : 09 Dec 2020 12:31
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Quant Time: Dec 10 02:09:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 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: VD067922.D

Acq: 09 Dec 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

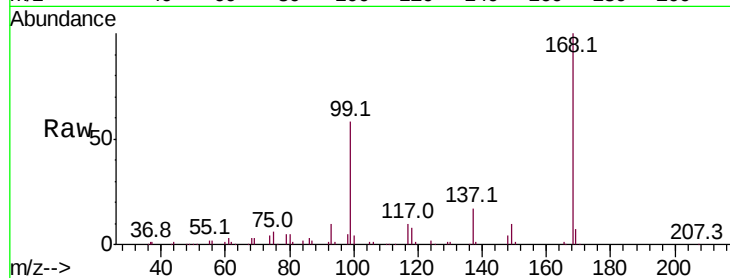
TR1-D-BOTTOM

Tot Ion:168 Resp: 185088

Ion Ratio Lower Upper

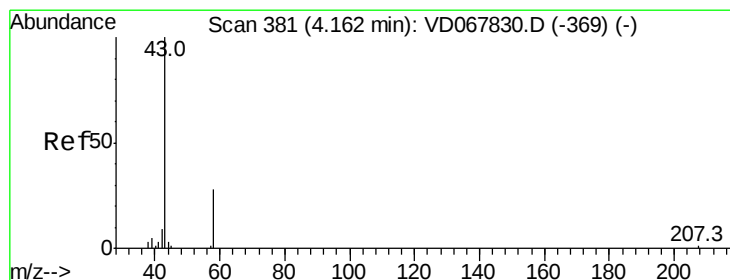
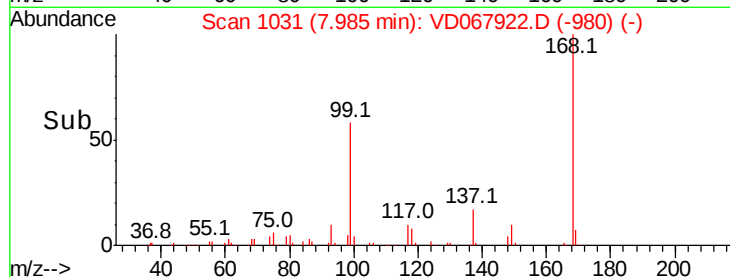
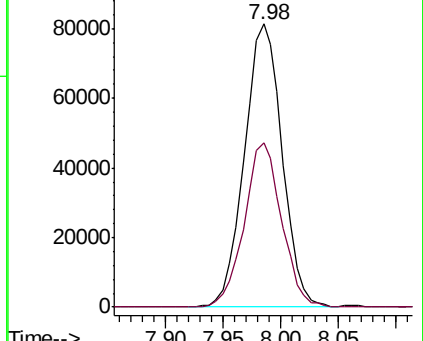
168 100

99 58.1 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 6.113 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067922.D

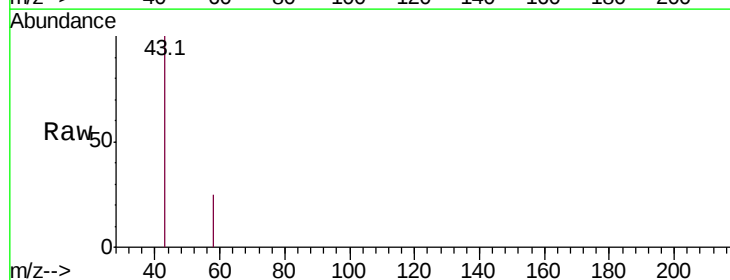
Acq: 09 Dec 2020 12:31

Tgt Ion: 43 Resp: 1501

Ion Ratio Lower Upper

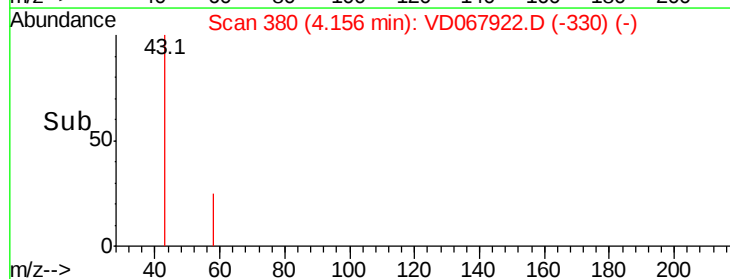
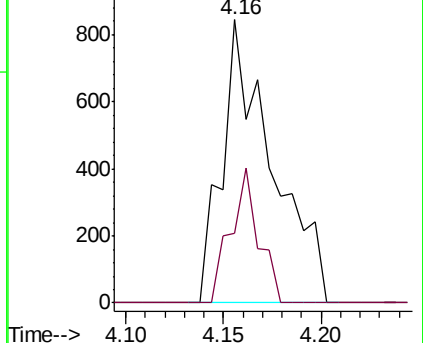
43 100

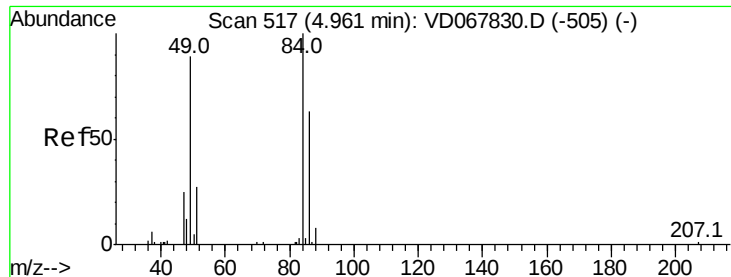
58 24.6 21.9 32.9



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: 4.98 min Scan# 520

Delta R.T. 0.02 min

Lab File: VD067922.D

Acq: 09 Dec 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

TR1-D-BOTTOM

Tot Ion: 84 Resp: 2878

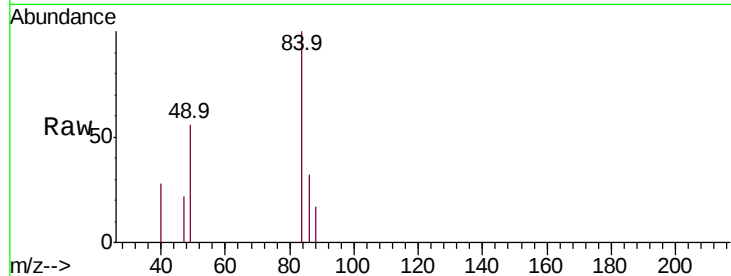
Ion Ratio Lower Upper

84 100

49 55.7 71.4 107.0#

51 0.0 21.8 32.8#

86 31.7 50.6 75.8#

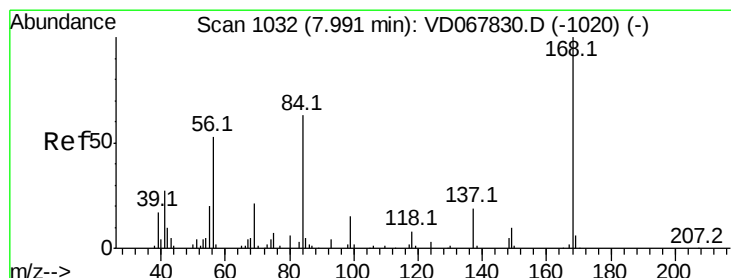
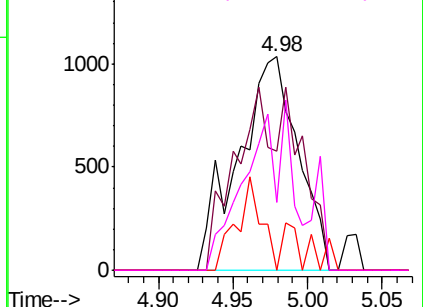
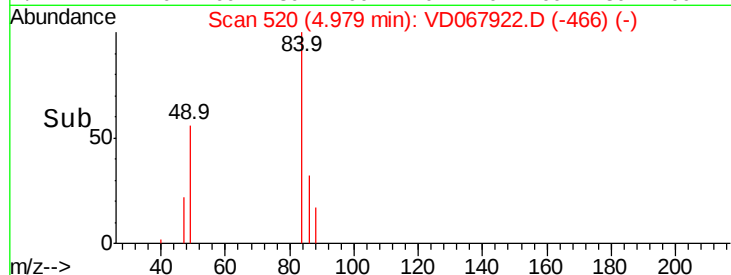


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 1.837 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067922.D

Acq: 09 Dec 2020 12:31

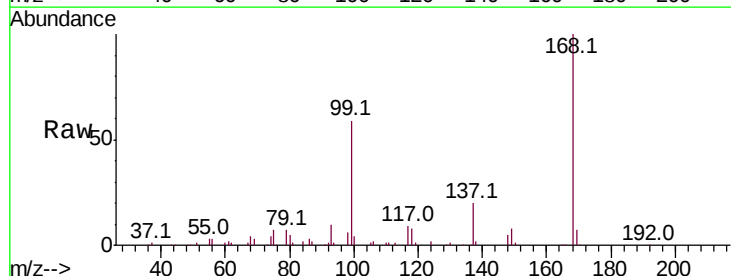
Tgt Ion: 56 Resp: 3845

Ion Ratio Lower Upper

56 100

69 113.1 32.1 48.1#

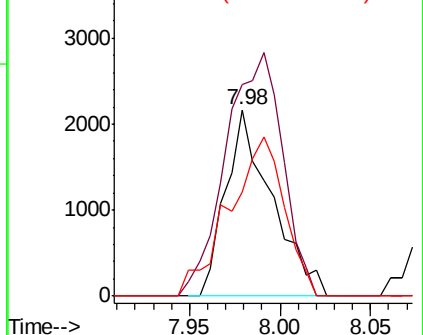
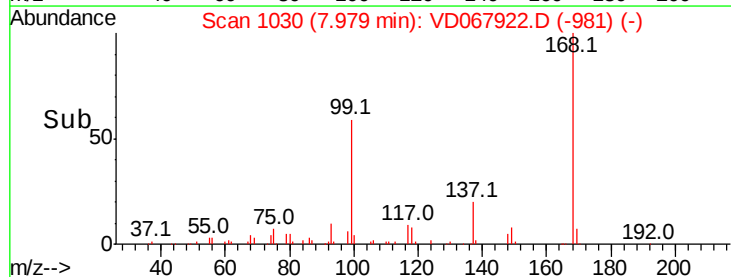
84 56.0 93.2 139.8#

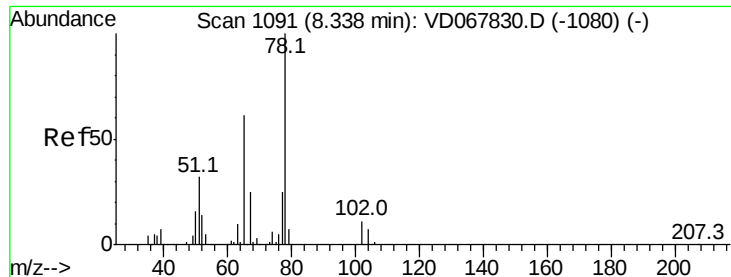


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

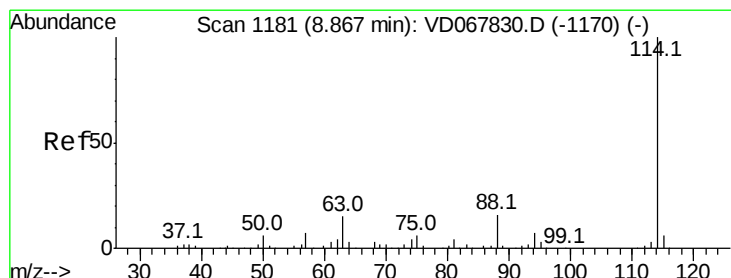
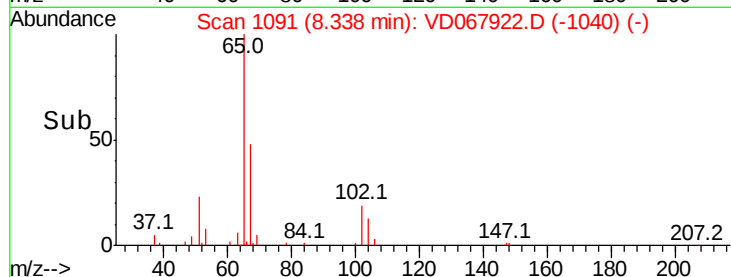
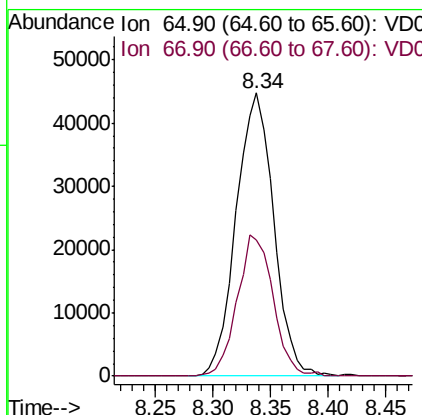
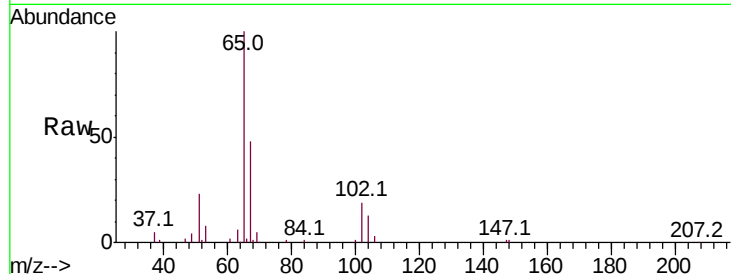




#33
 1,2-Dichloroethane-d4
 Concen: 50.854 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067922.D
 Acq: 09 Dec 2020 12:31

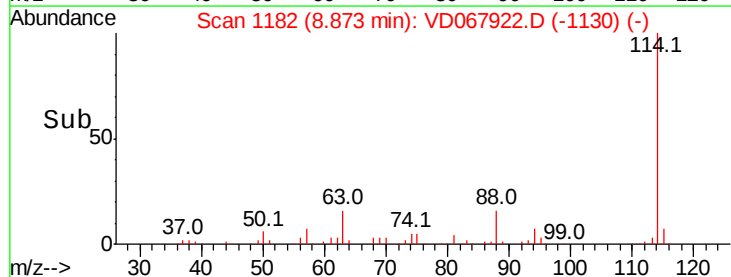
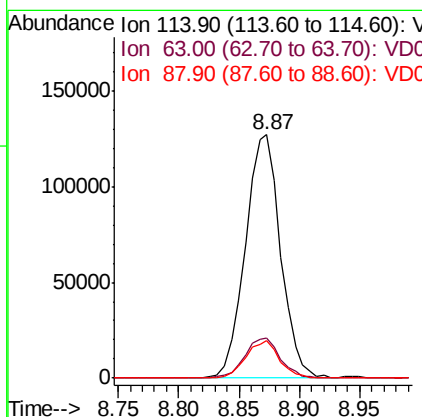
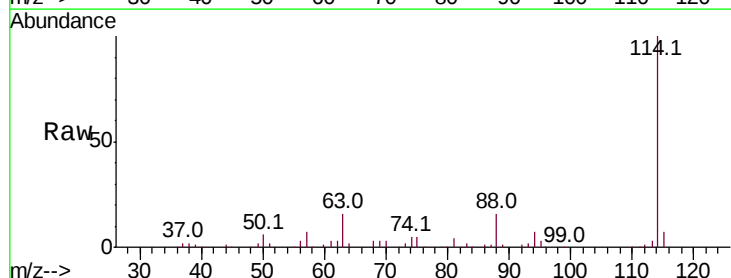
Instrument :
 MSVOA_D
 ClientSampleId :
 TR1-D-BOTTOM

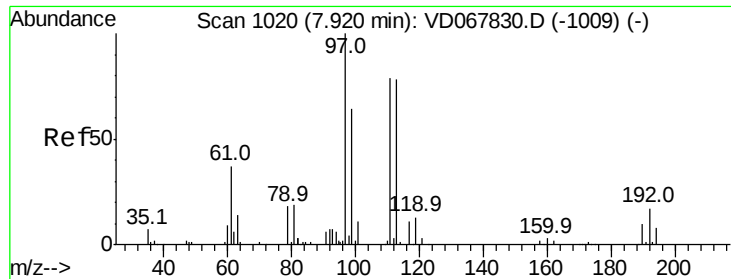
Tot Ion: 65 Resp: 101046
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD067922.D
 Acq: 09 Dec 2020 12:31

Tgt Ion: 114 Resp: 257909
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 30.8
 88 15.5 0.0 31.8

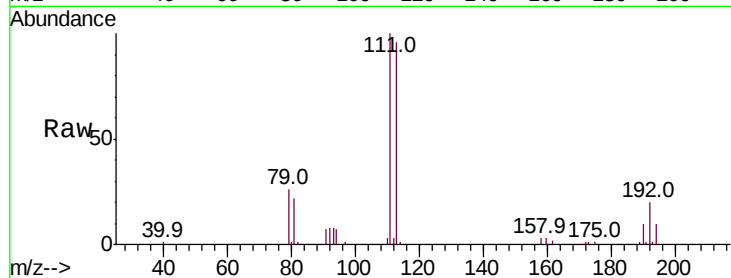




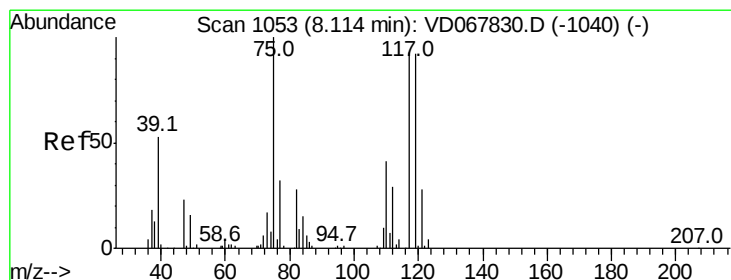
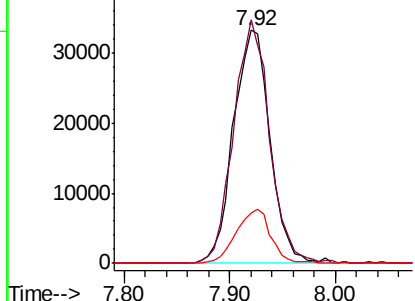
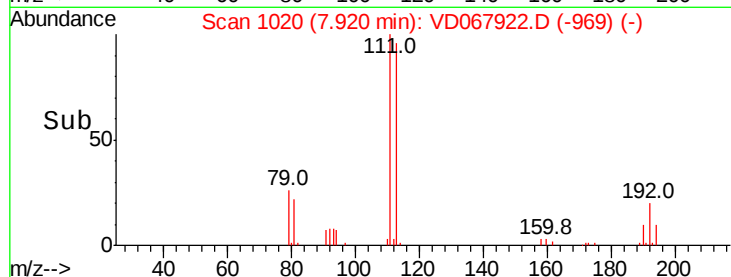
#35
 Dibromofluoromethane
 Concen: 46.344 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067922.D
 Acq: 09 Dec 2020 12:31

Instrument :
 MSVOA_D
 ClientSampleId :
 TR1-D-BOTTOM

Tot Ion:113 Resp: 79980
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.2 121.8
 192 21.9 16.8 25.2

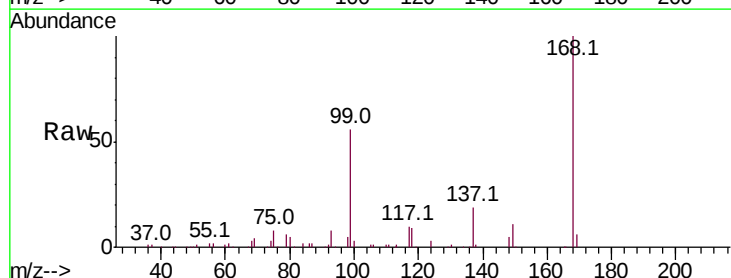


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

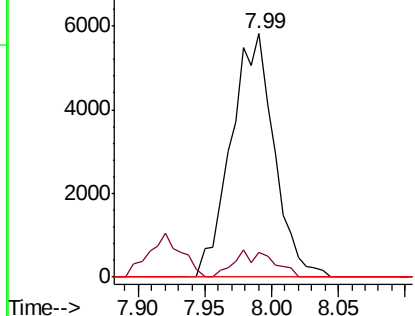
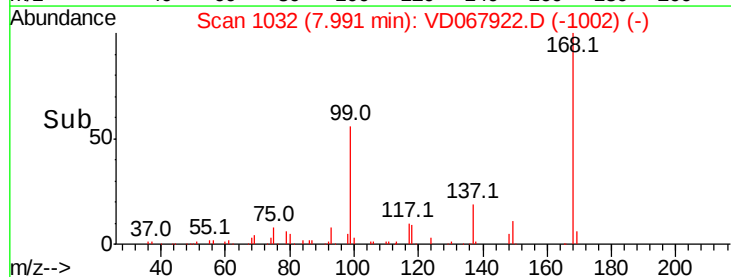


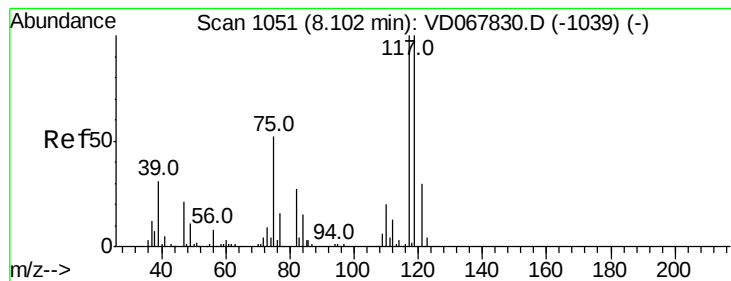
#36
 1,1-Dichloropropene
 Concen: 5.855 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.12 min
 Lab File: VD067922.D
 Acq: 09 Dec 2020 12:31

Tgt Ion: 75 Resp: 13072
 Ion Ratio Lower Upper
 75 100
 110 4.8 20.3 61.0#
 77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC





#38

Carbon Tetrachloride

Concen: 5.562 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067922.D

Acq: 09 Dec 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

TR1-D-BOTTOM

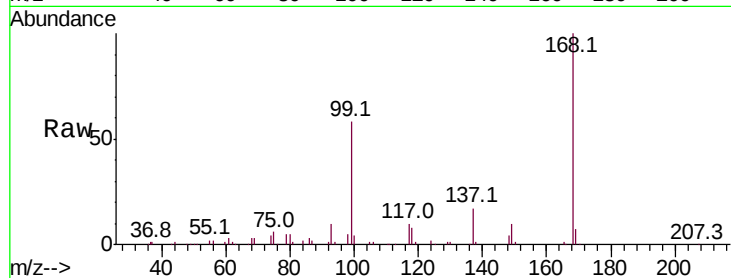
Tot Ion:117 Resp: 18789

Ion Ratio Lower Upper

117 100

119 6.4 79.7 119.5#

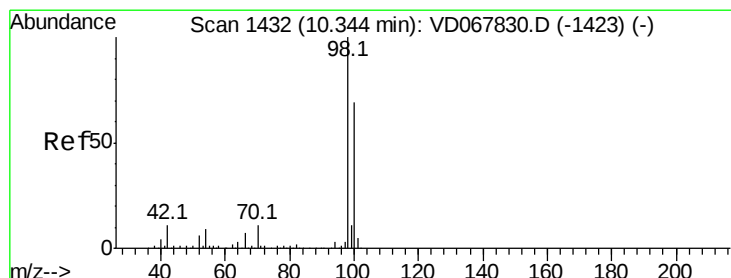
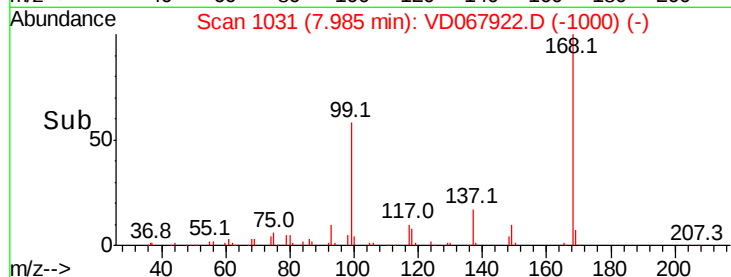
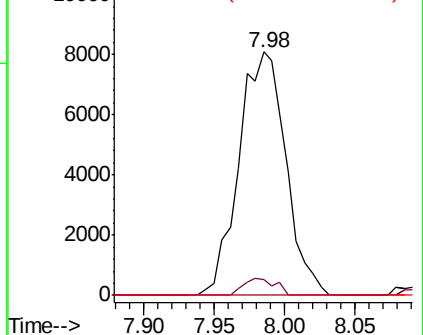
121 0.0 23.8 35.6#



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: 46.757 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067922.D

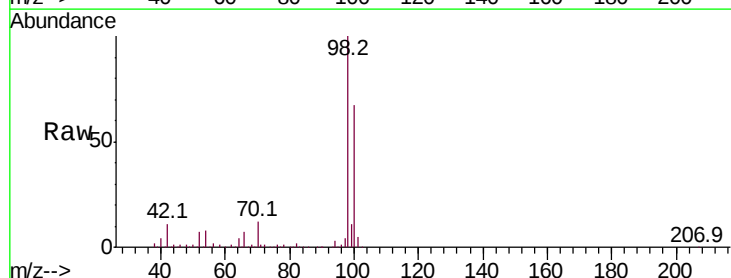
Acq: 09 Dec 2020 12:31

Tgt Ion: 98 Resp: 290477

Ion Ratio Lower Upper

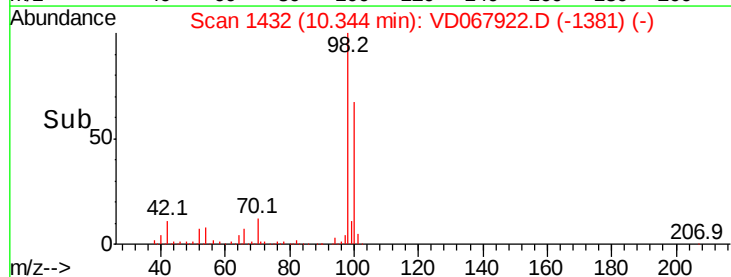
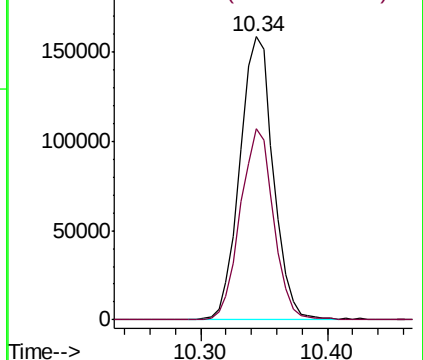
98 100

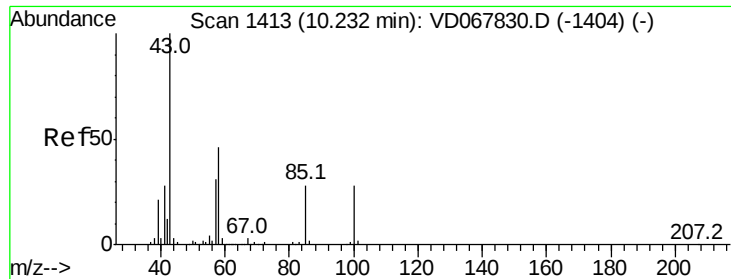
100 66.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 2.261 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.12 min

Lab File: VD067922.D

Acq: 09 Dec 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

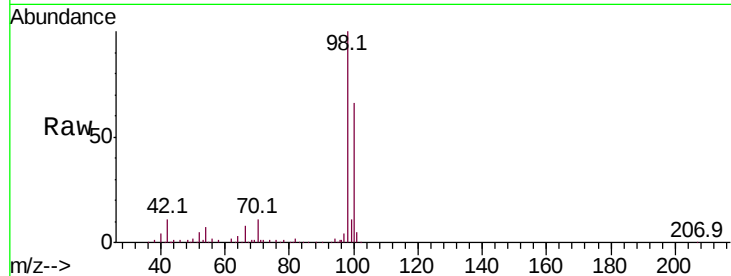
TR1-D-BOTTOM

Tot Ion: 43 Resp: 1267

Ion Ratio Lower Upper

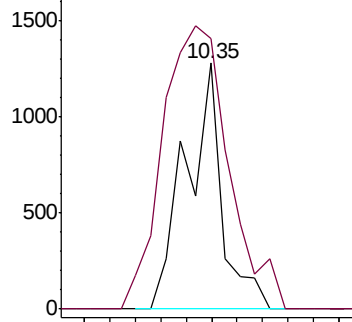
43 100

58 211.3 35.7 53.5#

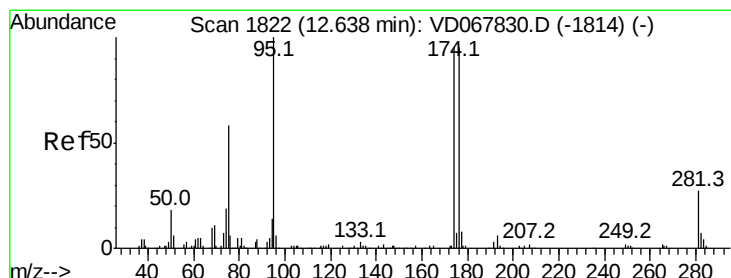
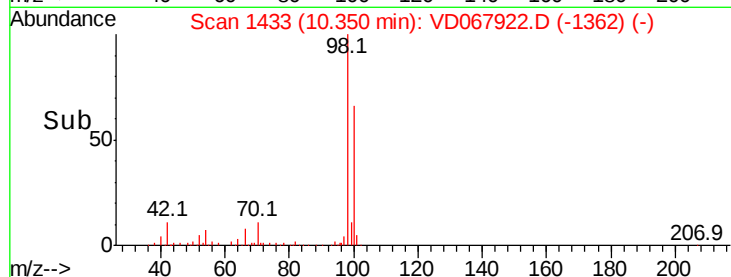


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 44.315 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067922.D

Acq: 09 Dec 2020 12:31

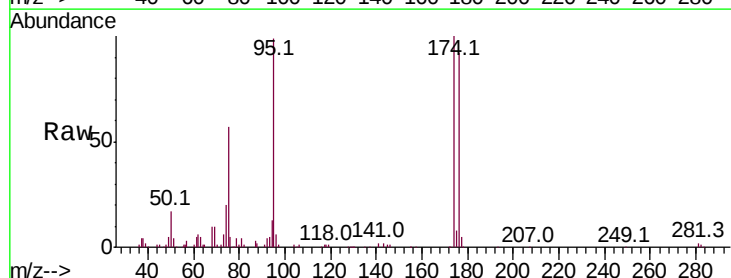
Tgt Ion: 95 Resp: 95182

Ion Ratio Lower Upper

95 100

174 99.9 0.0 186.0

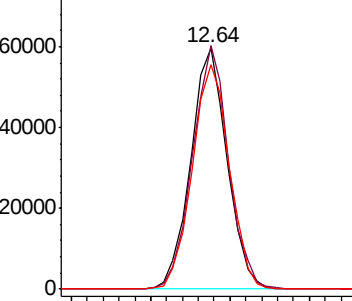
176 94.8 0.0 184.2



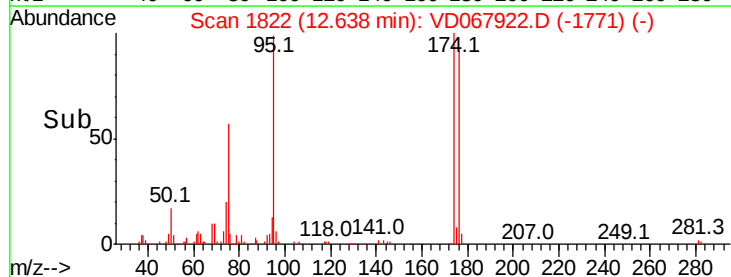
Abundance Ion 94.90 (94.60 to 95.60): VDC

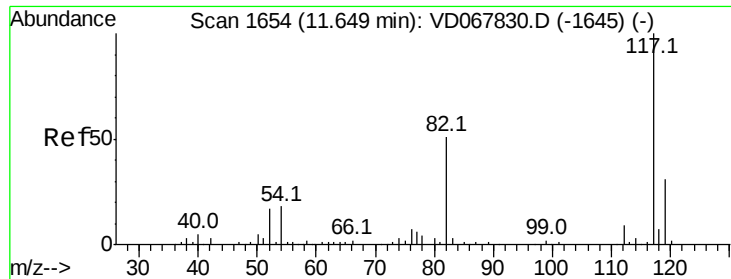
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

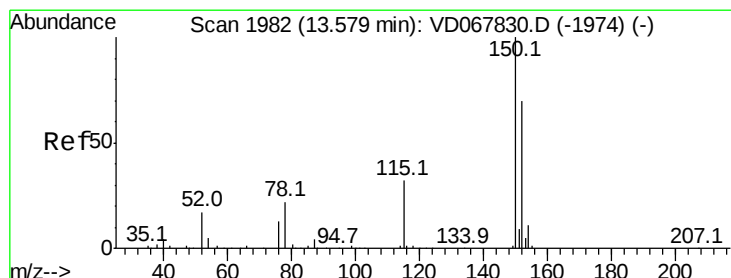
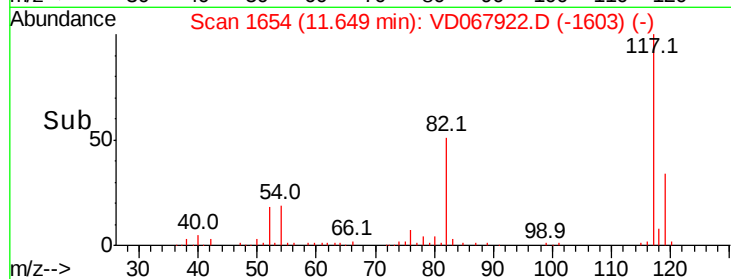
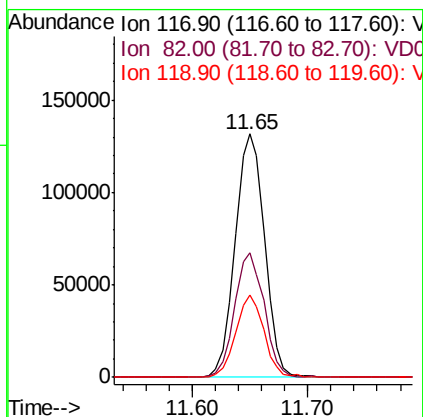
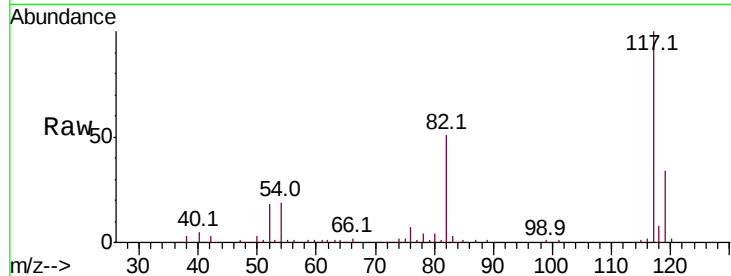




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067922.D
Acq: 09 Dec 2020 12:31

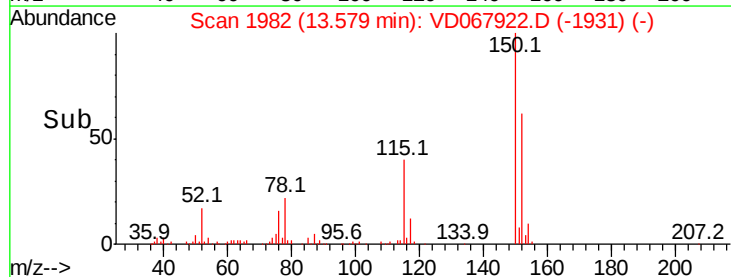
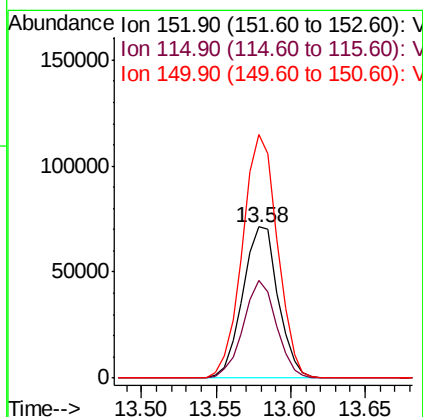
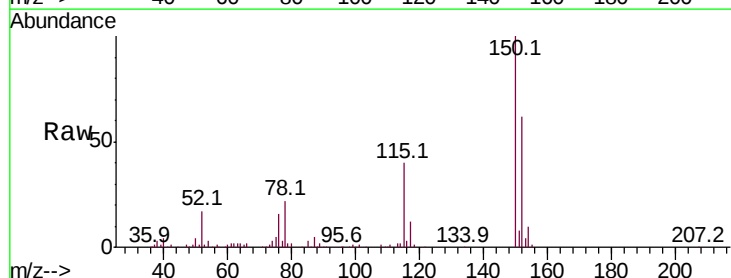
Instrument :
MSVOA_D
ClientSampleId :
TR1-D-BOTTOM

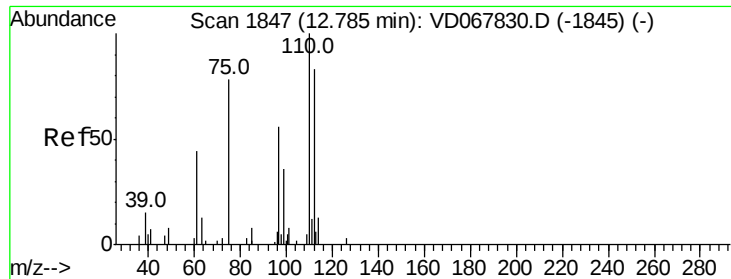
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	40.6	60.8
119	33.6	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067922.D
Acq: 09 Dec 2020 12:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.1	87.4
150	158.8	0.0	339.0





#76

1,2,3-Trichloropropane

Concen: 64.771 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067922.D

Acq: 09 Dec 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

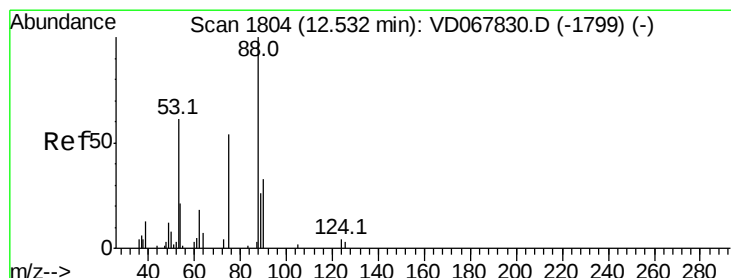
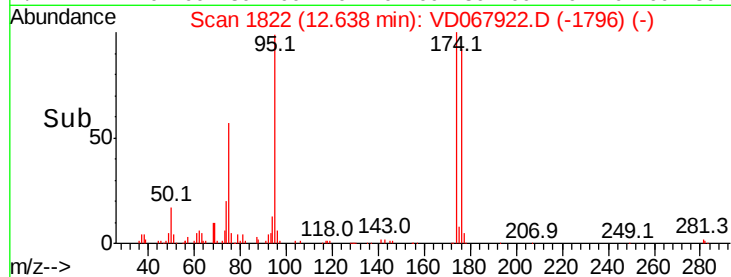
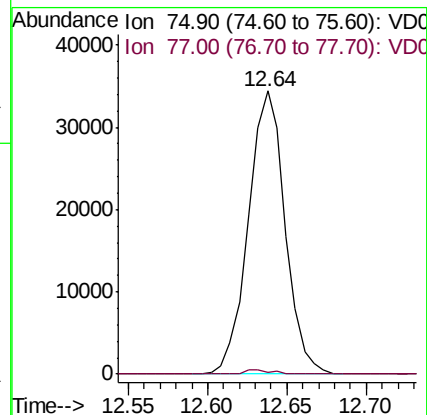
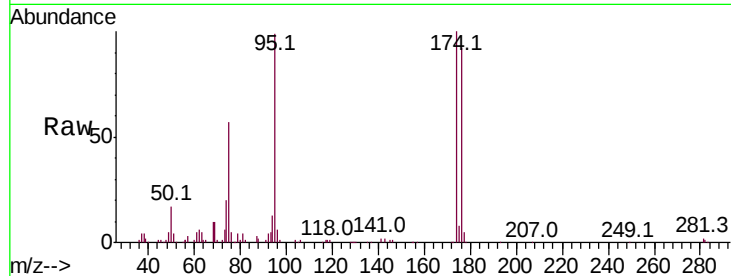
TR1-D-BOTTOM

Tot Ion: 75 Resp: 55319

Ion Ratio Lower Upper

75 100

77 1.0 175.9 527.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 154.938 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067922.D

Acq: 09 Dec 2020 12:31

Tgt Ion: 75 Resp: 55319

Ion Ratio Lower Upper

75 100

53 0.0 84.6 127.0#

89 0.0 41.0 61.6#

