

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067801.D
 Acq On : 25 Nov 2020 21:36
 Operator : VA/SY
 Sample : L4882-01
 Misc : 5.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B48-112320-0-1

Quant Time: Nov 26 00:27:38 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	648799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1049879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	985959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	492818	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	344148	54.55	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.10%
35) Dibromofluoromethane	7.92	113	313876	46.98	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.96%
50) Toluene-d8	10.34	98	1179563	48.29	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.58%
62) 4-Bromofluorobenzene	12.64	95	445013	53.30	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.60%

Target Compounds

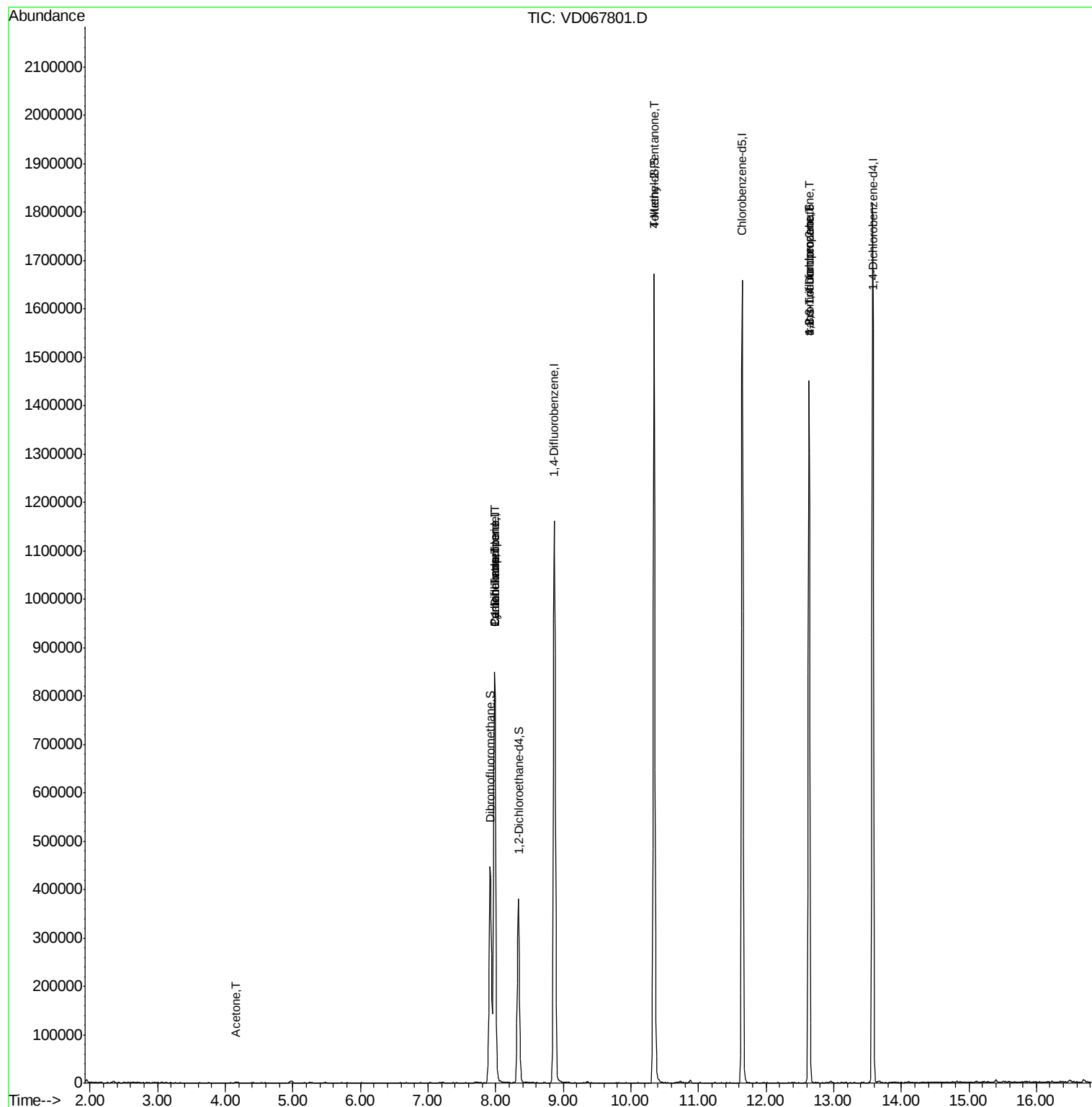
					Qvalue	
16) Acetone	4.17	43	3003	3.685	ug/l	97
20) Methylene Chloride	4.97	84	3896	Below Cal	#	85
31) Cyclohexane	7.98	56	12186	1.597	ug/l #	21
36) 1,1-Dichloropropene	7.98	75	43629	4.843	ug/l #	51
38) Carbon Tetrachloride	7.98	117	66315	5.078	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	4719	2.073	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	243022	70.755	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	243022	165.490	ug/l #	11

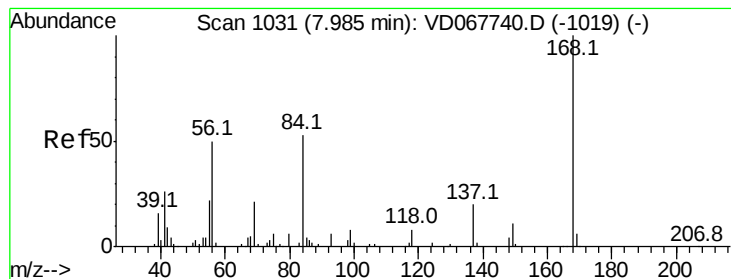
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112520\
Data File : VD067801.D
Acq On : 25 Nov 2020 21:36
Operator : VA/SY
Sample : L4882-01
Misc : 5.67G/5.00ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PAV-B48-112320-0-1

Quant Time: Nov 26 00:27:38 2020
Quant Method : Z:\V0ASRV\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: VD067801.D

Acq: 25 Nov 2020 21:36

Instrument :

MSVOA_D

ClientSampleId :

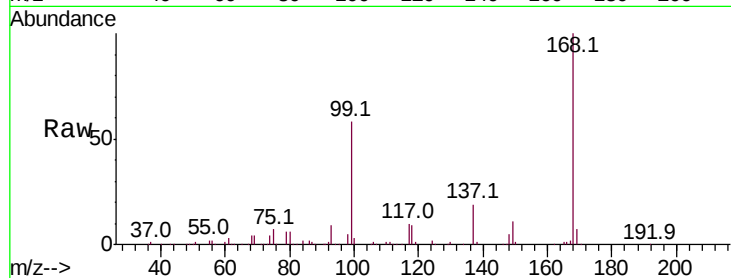
PAV-B48-112320-0-1

Tot Ion:168 Resp: 648799

Ion Ratio Lower Upper

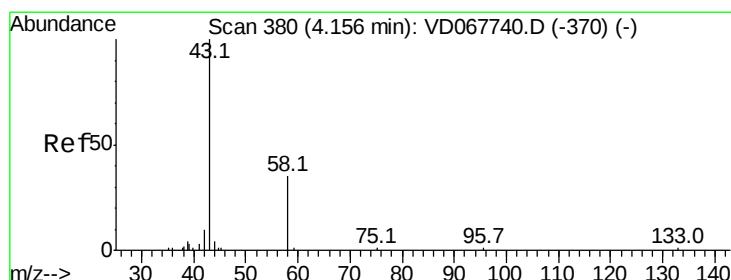
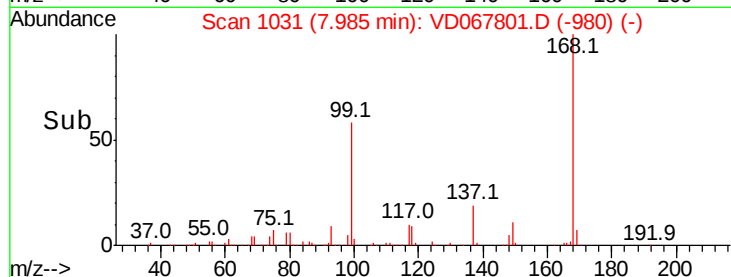
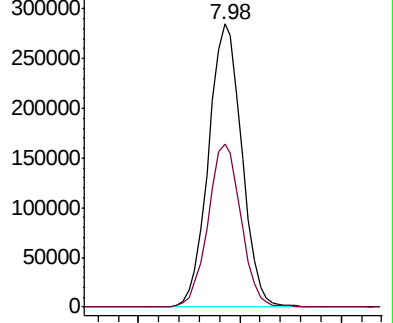
168 100

99 57.8 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: 3.685 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067801.D

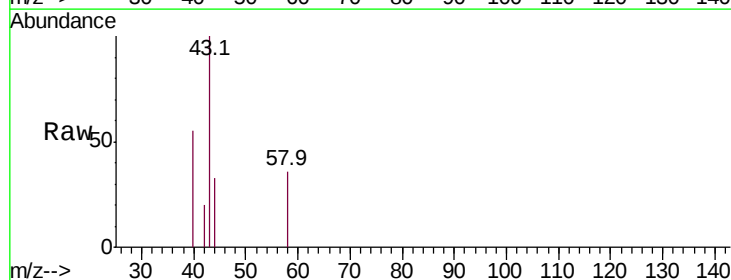
Acq: 25 Nov 2020 21:36

Tgt Ion: 43 Resp: 3003

Ion Ratio Lower Upper

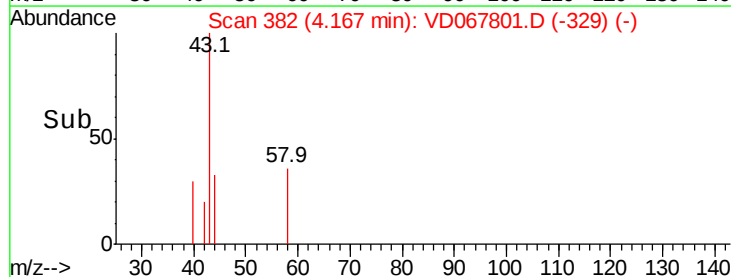
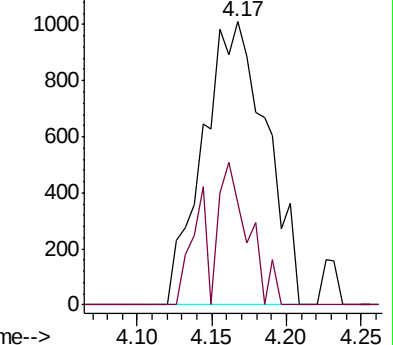
43 100

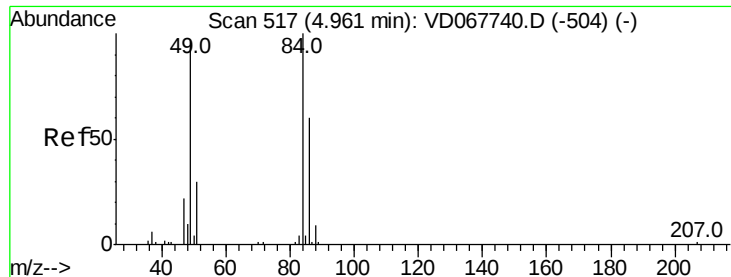
58 36.1 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

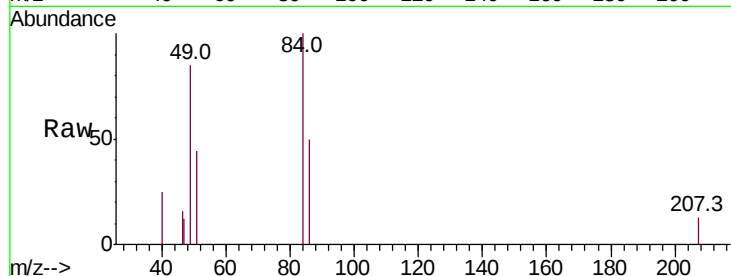




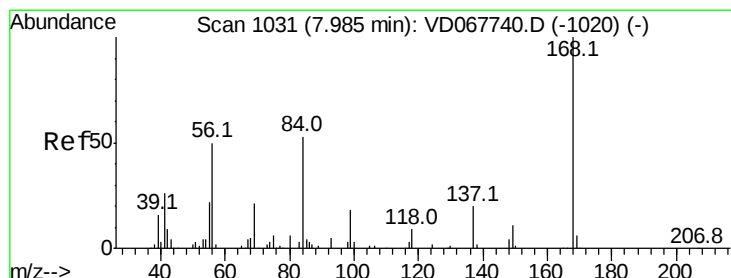
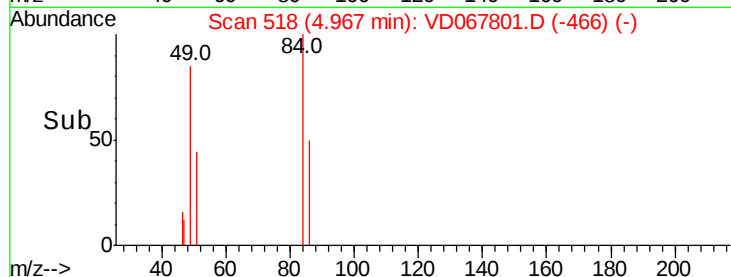
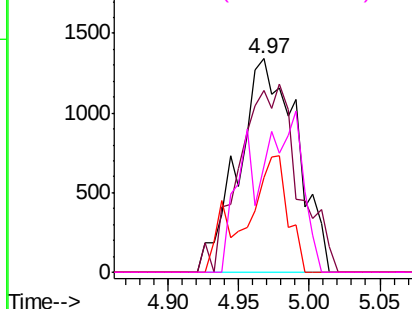
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067801.D
Acq: 25 Nov 2020 21:36

Instrument :
MSVOA_D
ClientSampleId :
PAV-B48-112320-0-1

Tot Ion: 84 Resp: 3896
Ion Ratio Lower Upper
84 100
49 84.9 77.4 116.2
51 44.2 24.1 36.1#
86 49.6 48.2 72.2

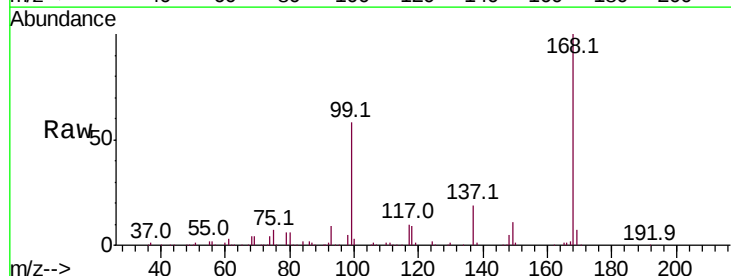


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

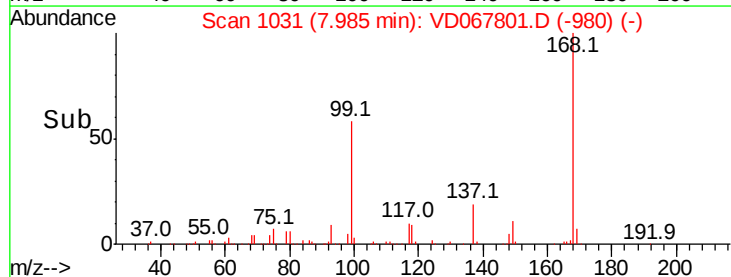
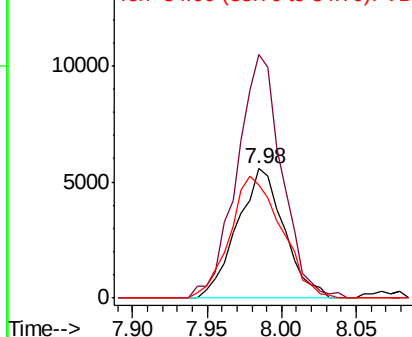


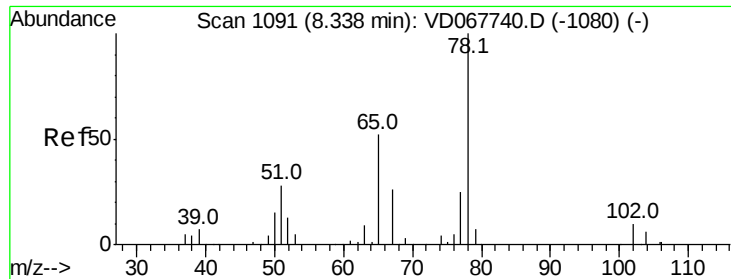
#31
Cyclohexane
Concen: 1.597 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067801.D
Acq: 25 Nov 2020 21:36

Tgt Ion: 56 Resp: 12186
Ion Ratio Lower Upper
56 100
69 188.6 33.2 49.8#
84 87.3 84.8 127.2



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

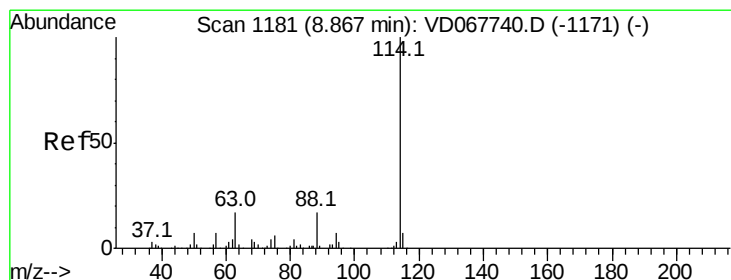
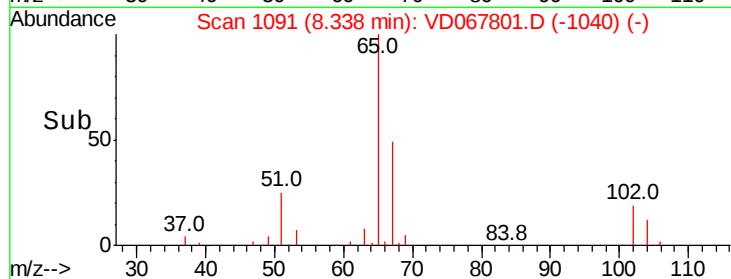
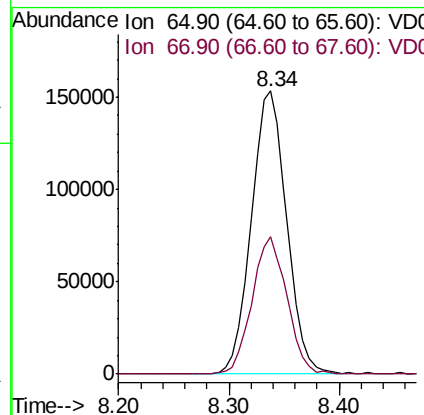
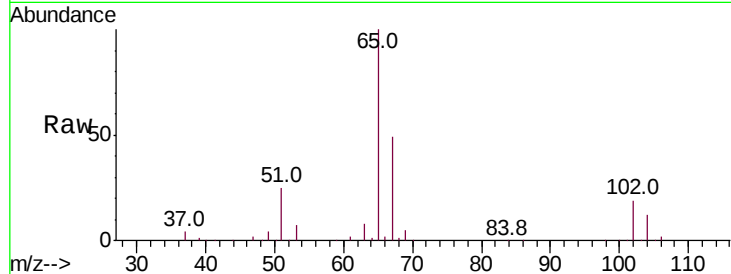




#33
 1,2-Dichloroethane-d4
 Concen: 54.554 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067801.D
 Acq: 25 Nov 2020 21:36

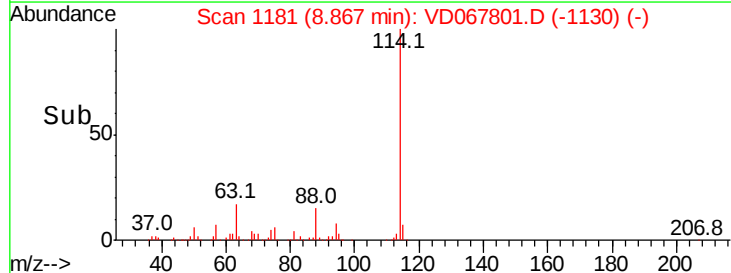
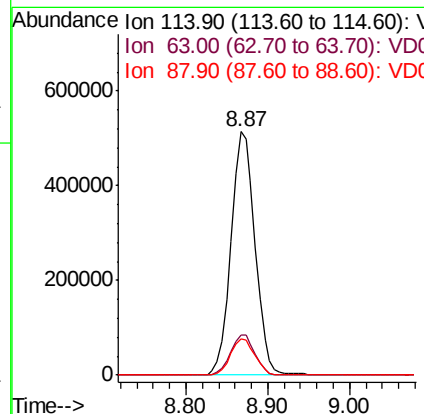
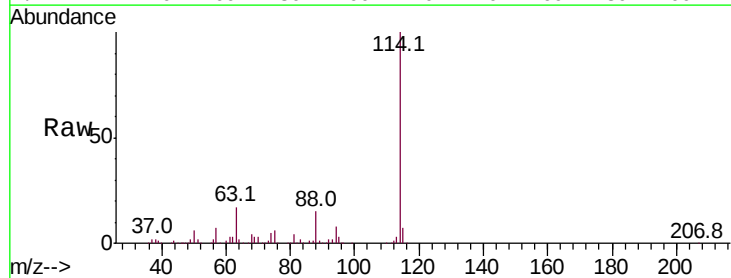
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B48-112320-0-1

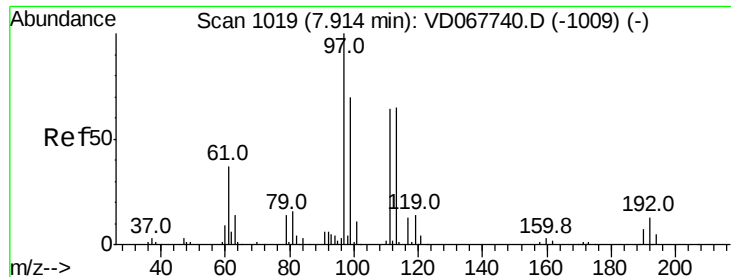
Tot Ion: 65 Resp: 344148
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067801.D
 Acq: 25 Nov 2020 21:36

Tgt Ion: 114 Resp: 1049879
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 34.8
 88 14.8 0.0 34.4





#35

Dibromofluoromethane

Concen: 46.978 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067801.D

Acq: 25 Nov 2020 21:36

Instrument :

MSVOA_D

ClientSampleId :

PAV-B48-112320-0-1

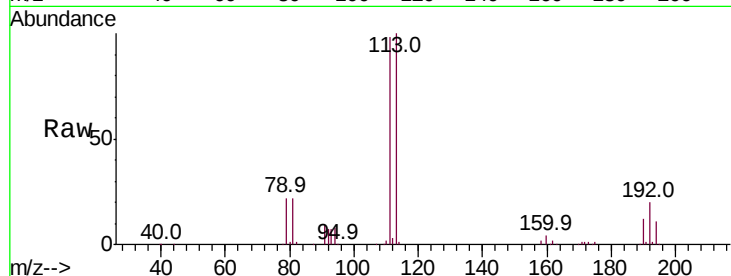
Tot Ion:113 Resp: 313876

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

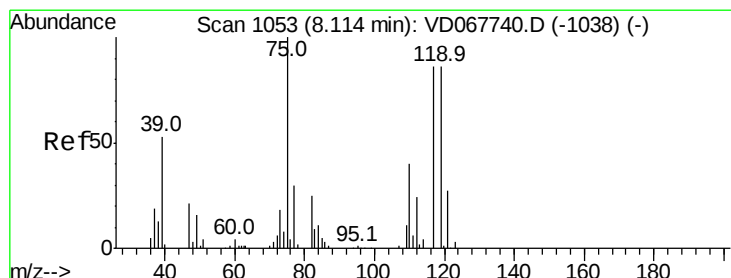
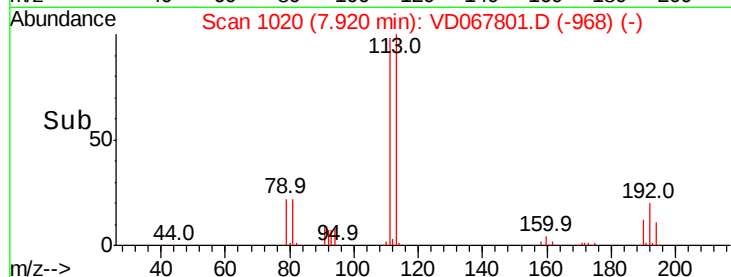
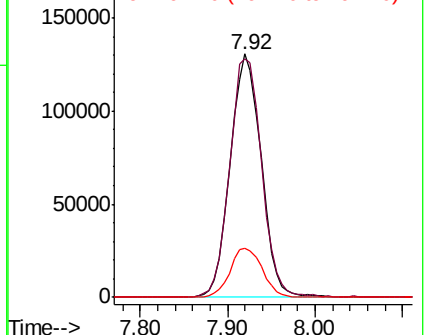
192 21.1 17.0 25.4



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: 4.843 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD067801.D

Acq: 25 Nov 2020 21:36

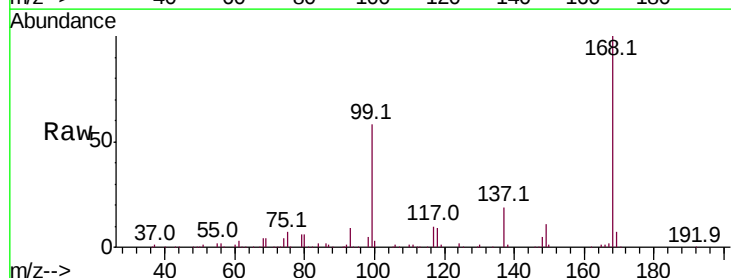
Tgt Ion: 75 Resp: 43629

Ion Ratio Lower Upper

75 100

110 13.1 20.1 60.2#

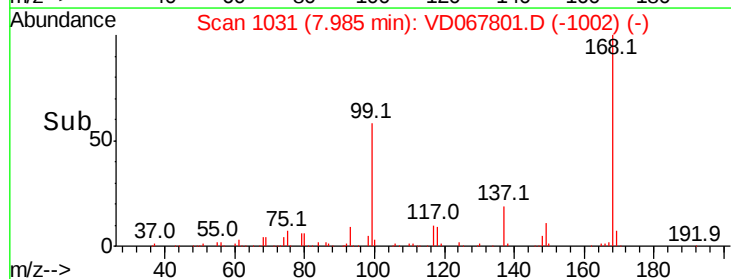
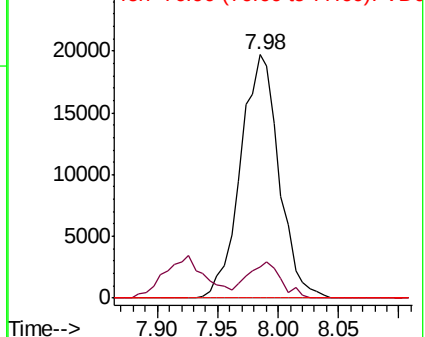
77 0.0 24.8 37.2#

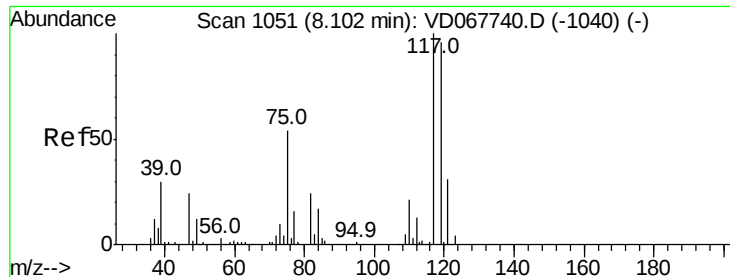


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

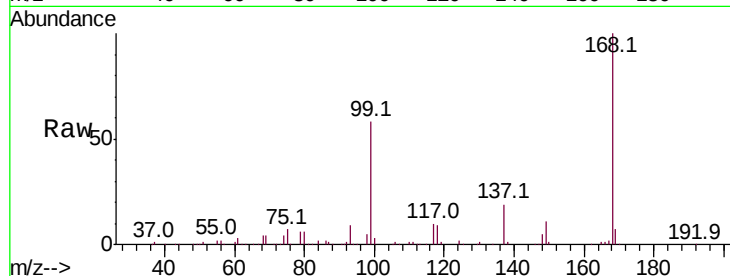




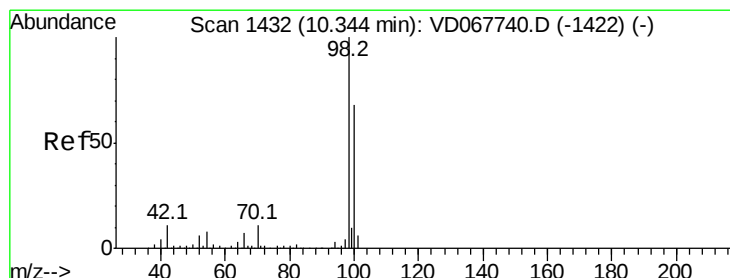
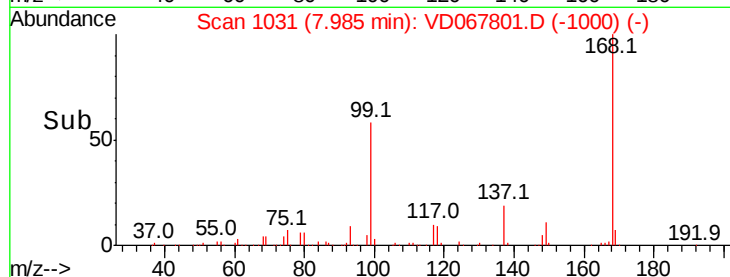
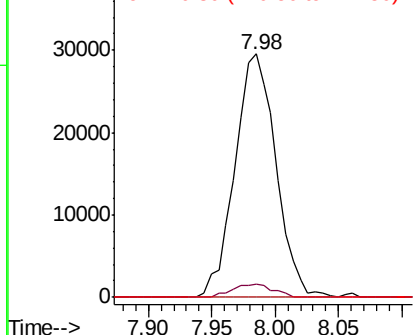
#38
Carbon Tetrachloride
Concen: 5.078 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067801.D
Acq: 25 Nov 2020 21:36

Instrument :
MSVOA_D
ClientSampleId :
PAV-B48-112320-0-1

Tot Ion:117 Resp: 66315
Ion Ratio Lower Upper
117 100
119 5.5 76.6 115.0#
121 0.0 24.5 36.7#

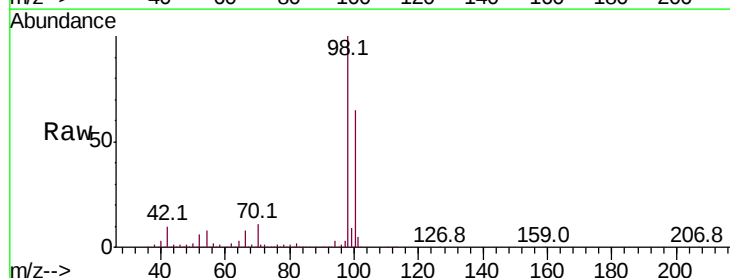


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

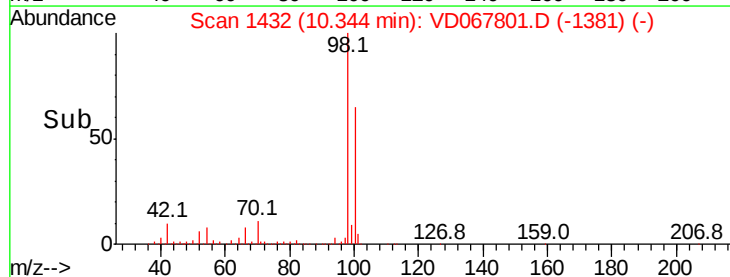
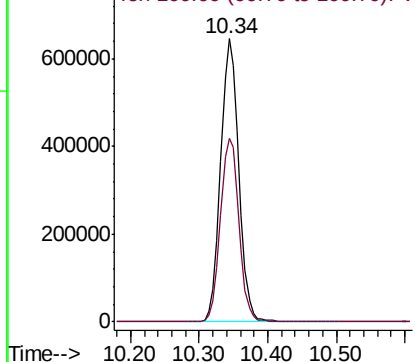


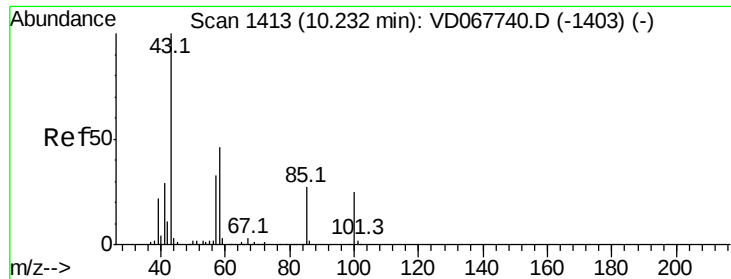
#50
Toluene-d8
Concen: 48.288 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067801.D
Acq: 25 Nov 2020 21:36

Tgt Ion: 98 Resp: 1179563
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



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: 2.073 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD067801.D

Acq: 25 Nov 2020 21:36

Instrument :

MSVOA_D

ClientSampleId :

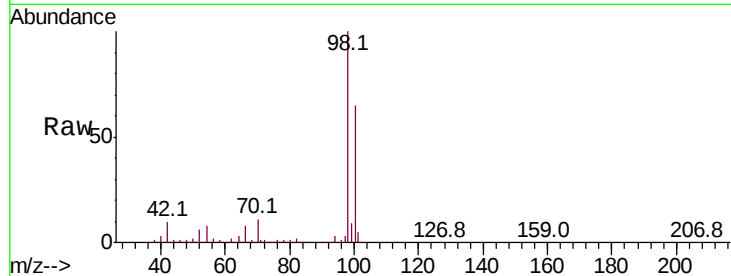
PAV-B48-112320-0-1

Tot Ion: 43 Resp: 4719

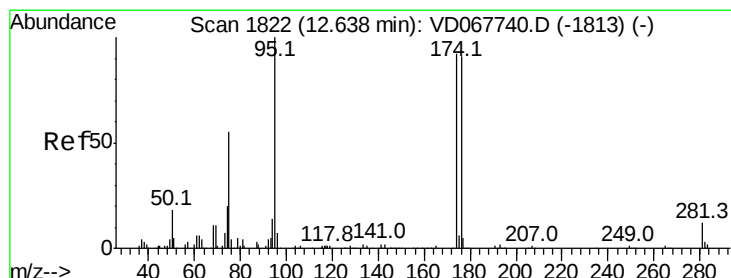
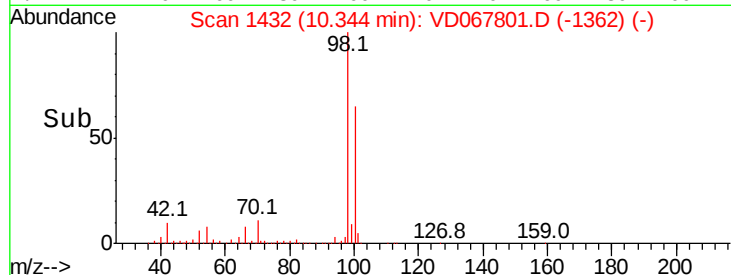
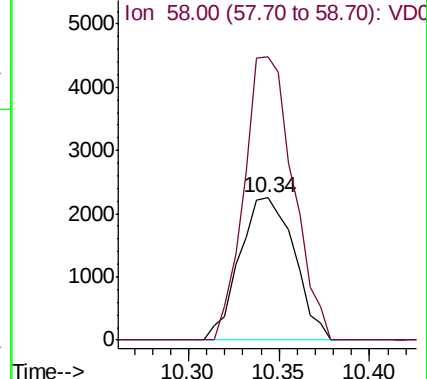
Ion Ratio Lower Upper

43 100

58 178.9 34.7 52.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC



#62

4-Bromofluorobenzene

Concen: 53.298 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067801.D

Acq: 25 Nov 2020 21:36

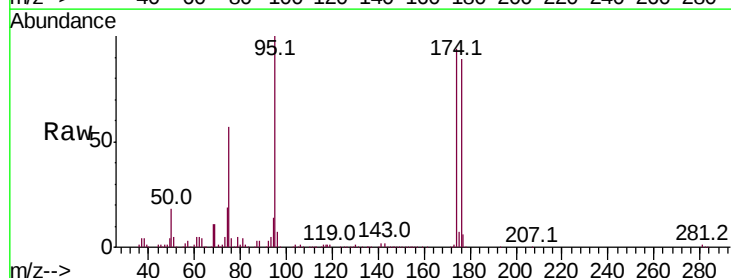
Tgt Ion: 95 Resp: 445013

Ion Ratio Lower Upper

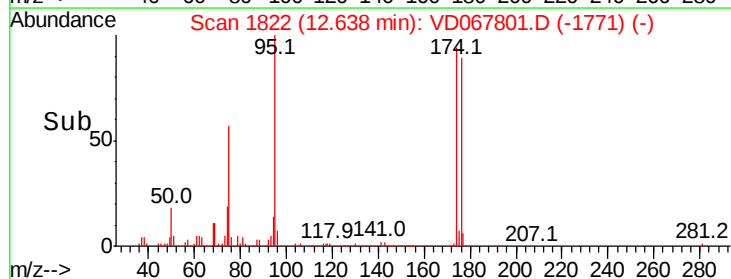
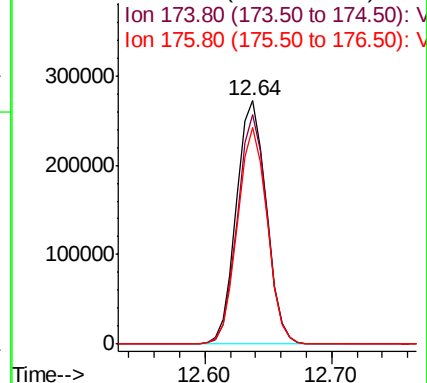
95 100

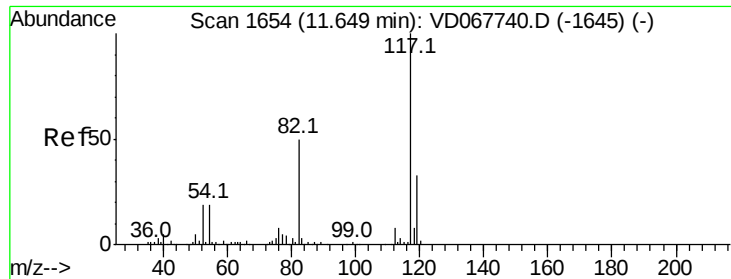
174 92.6 0.0 182.4

176 87.9 0.0 178.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

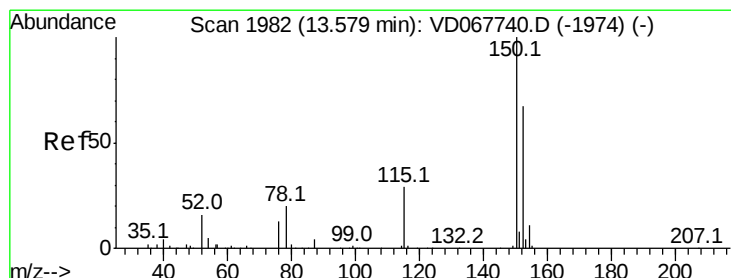
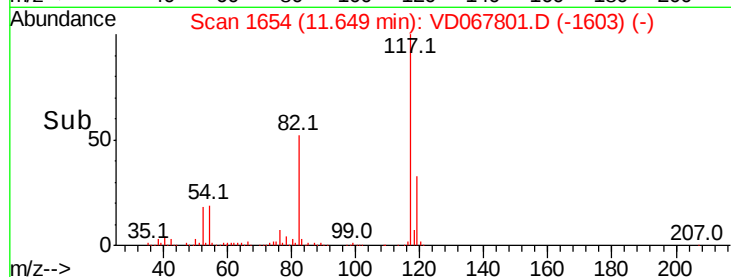
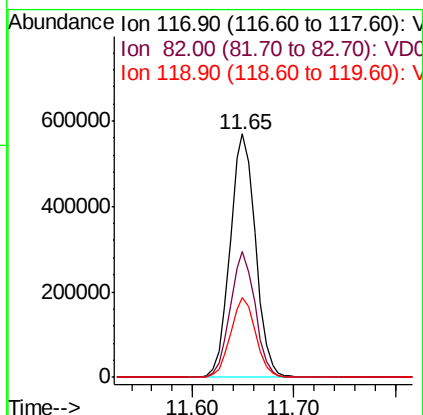
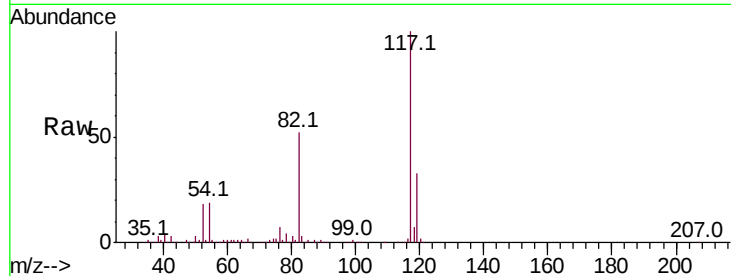




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067801.D
Acq: 25 Nov 2020 21:36

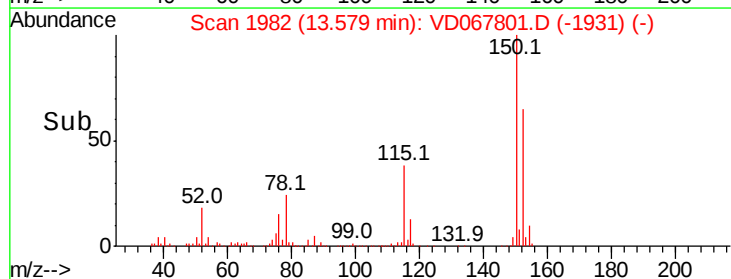
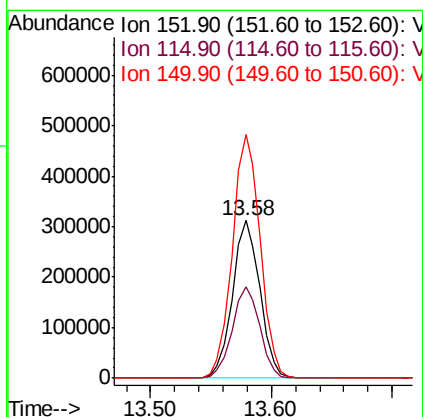
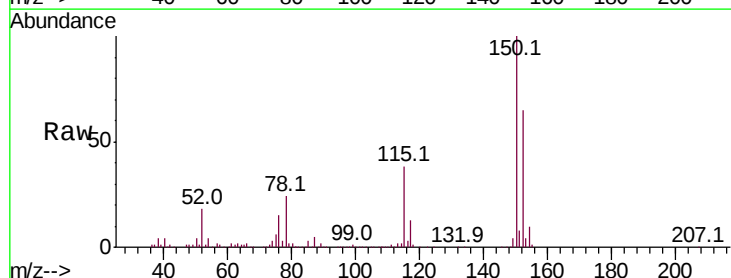
Instrument :
MSVOA_D
ClientSampleId :
PAV-B48-112320-0-1

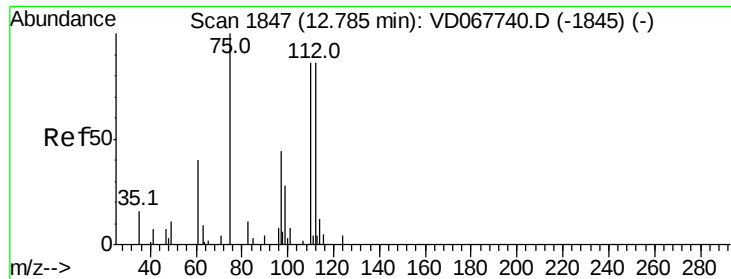
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	40.2	60.4
119	32.6	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067801.D
Acq: 25 Nov 2020 21:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.4	88.3
150	157.0	0.0	340.6

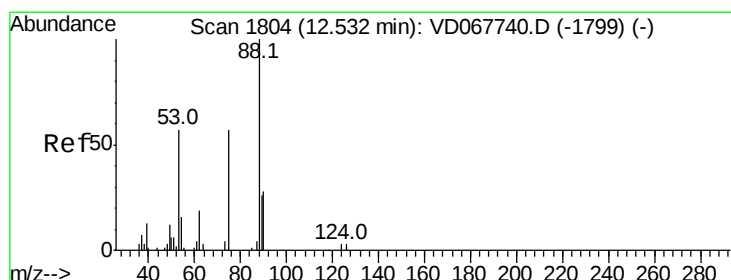
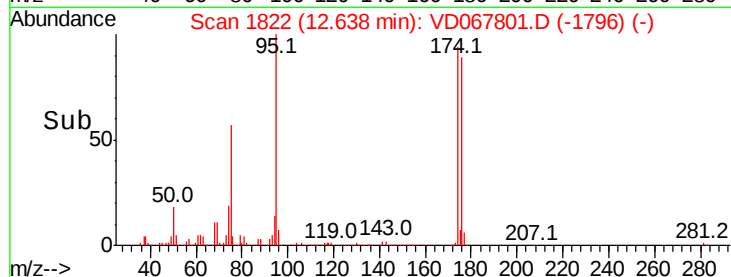
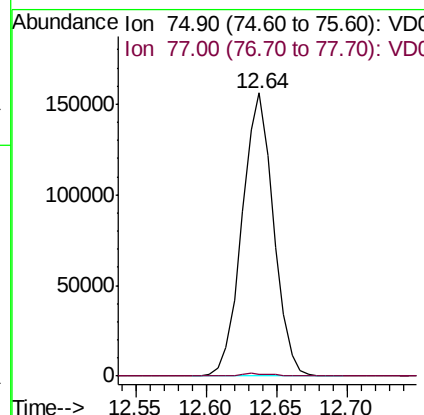
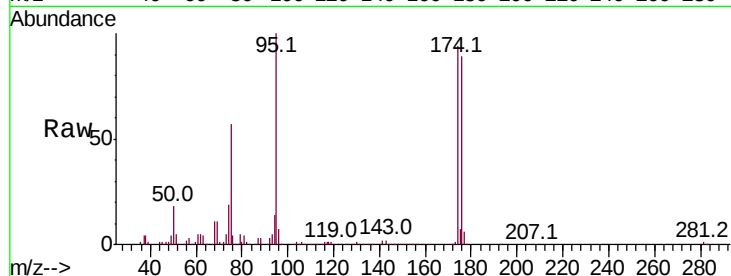




#76
 1,2,3-Trichloropropane
 Concen: 70.755 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067801.D
 Acq: 25 Nov 2020 21:36

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B48-112320-0-1

Tot Ion: 75 Resp: 243022
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 165.490 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067801.D
 Acq: 25 Nov 2020 21:36

Tgt Ion: 75 Resp: 243022
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.0 114.0#
 89 0.1 40.2 60.4#

