

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067820.D
 Acq On : 30 Nov 2020 17:54
 Operator : VA/SY
 Sample : L4891-01
 Misc : 6.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B3-112420-0-1

Quant Time: Dec 01 00:18:21 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	144117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	236148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	141681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	29182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	97906	69.87	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.74%
35) Dibromofluoromethane	7.92	113	78020	51.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.84%
50) Toluene-d8	10.34	98	201512	36.68	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.36%
62) 4-Bromofluorobenzene	12.64	95	37582	20.01	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	40.02%

Target Compounds

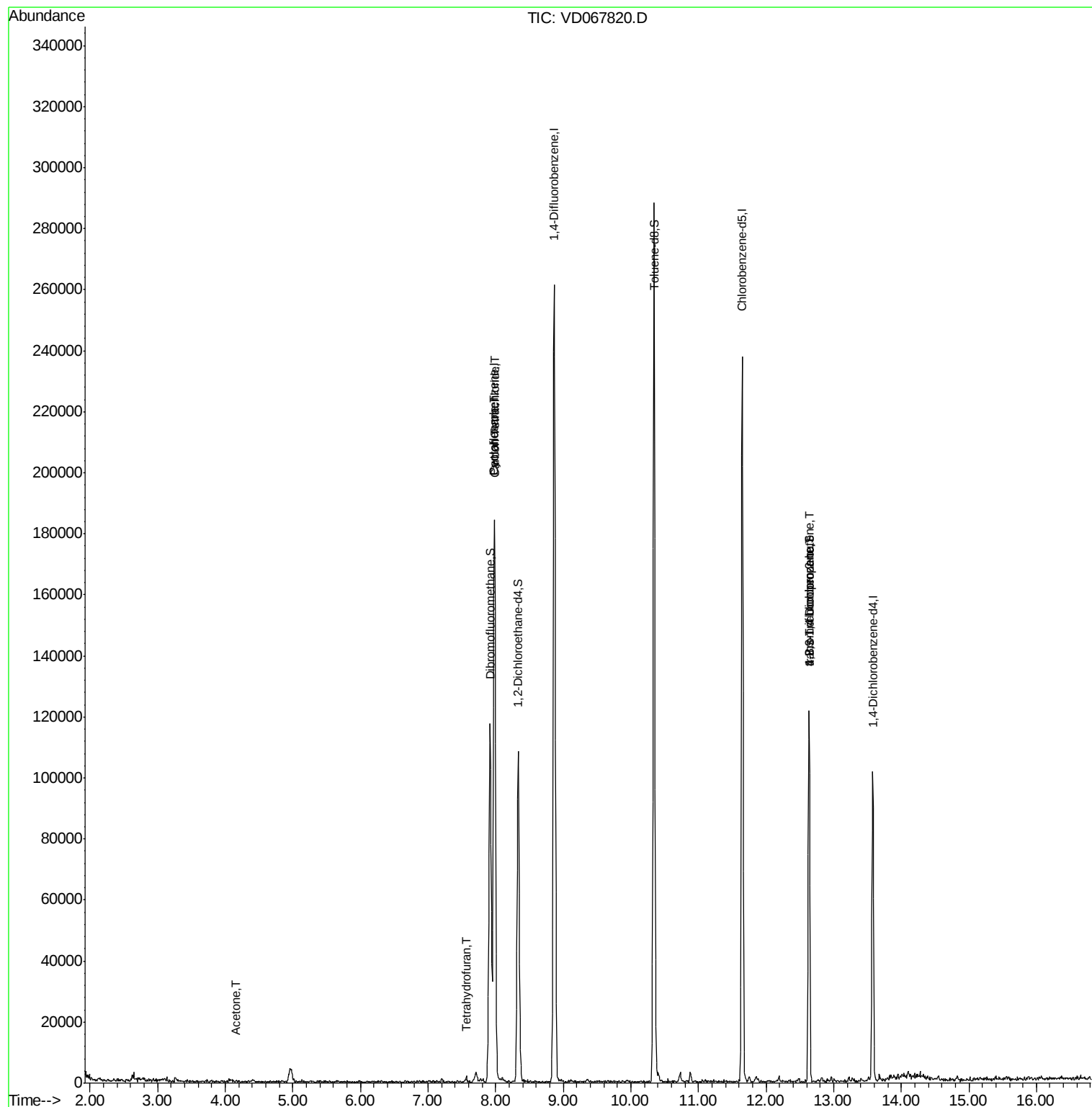
					Qvalue	
16) Acetone	4.16	43	891	4.922	ug/l	93
20) Methylene Chloride	4.95	84	4021	Below Cal	#	85
29) Tetrahydrofuran	7.56	42	542	4.693	ug/l #	55
31) Cyclohexane	7.98	56	3431	2.024	ug/l #	48
38) Carbon Tetrachloride	7.99	117	14106	4.802	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	19973	98.203	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	19973	229.690	ug/l #	11

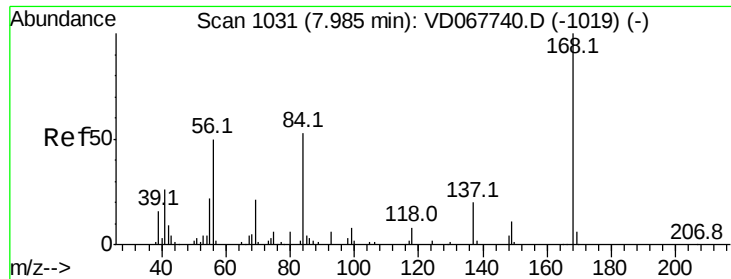
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD113020\
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PAV-B3-112420-0-1

Quant Time: Dec 01 00:18:21 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



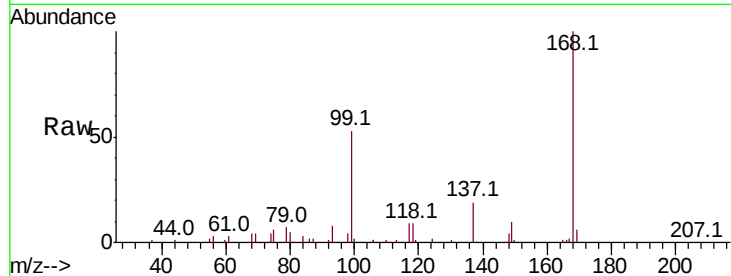


#1

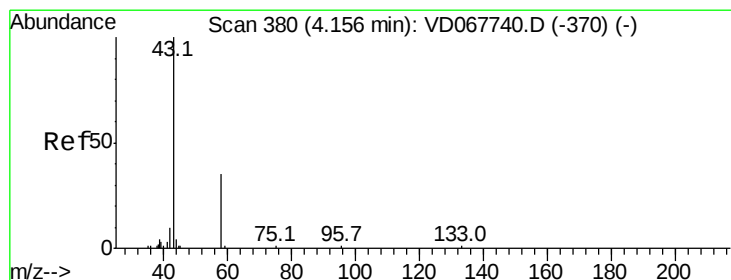
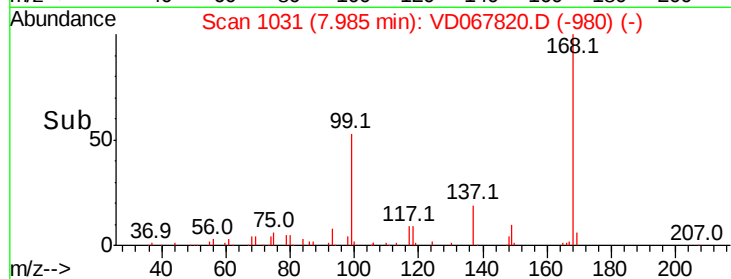
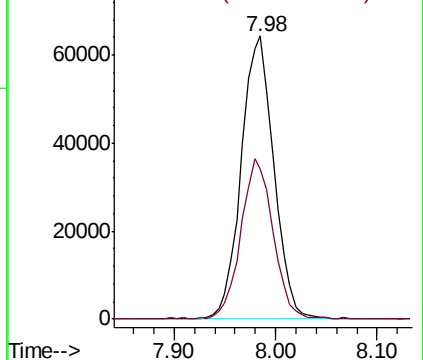
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VD067820.D
 Acq: 30 Nov 2020 17:54

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B3-112420-0-1

Tot Ion:168 Resp: 144117
 Ion Ratio Lower Upper
 168 100
 99 52.9 43.8 65.8



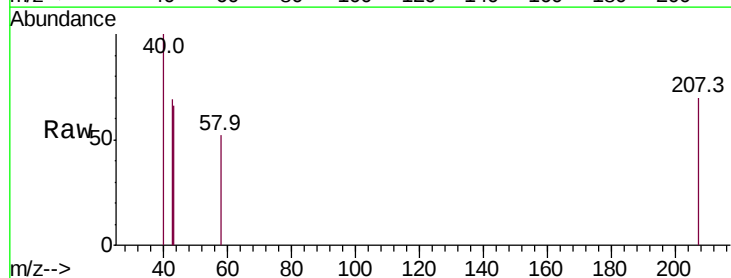
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VDC



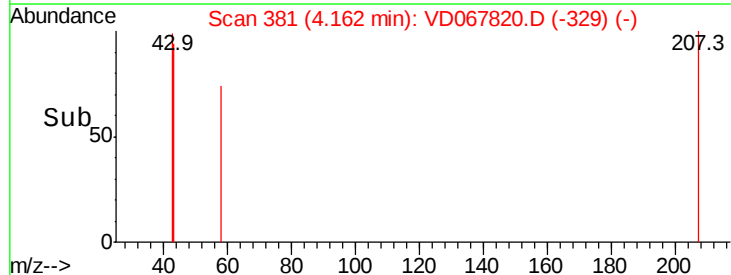
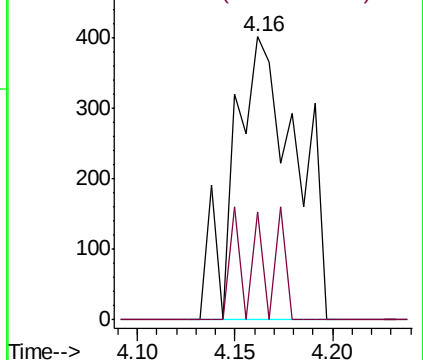
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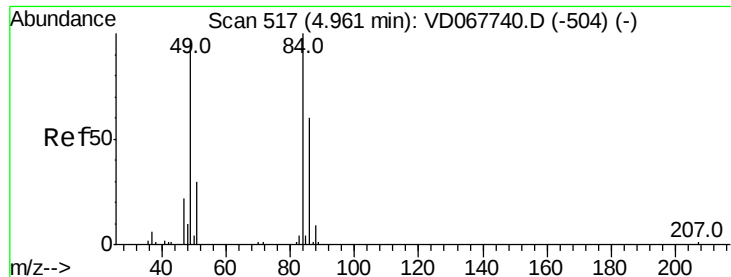
Acetone
 Concen: 4.922 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD067820.D
 Acq: 30 Nov 2020 17:54

Tgt Ion: 43 Resp: 891
 Ion Ratio Lower Upper
 43 100
 58 38.3 27.6 41.4



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

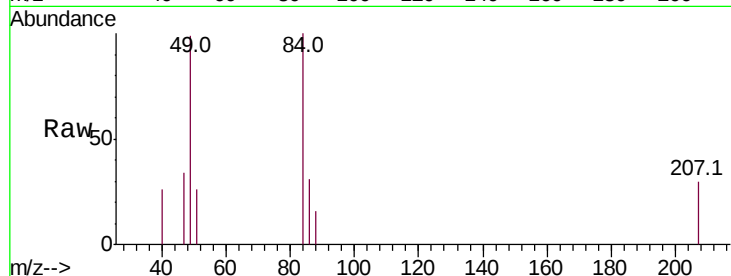




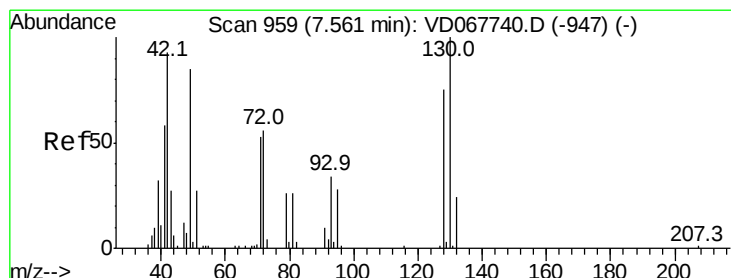
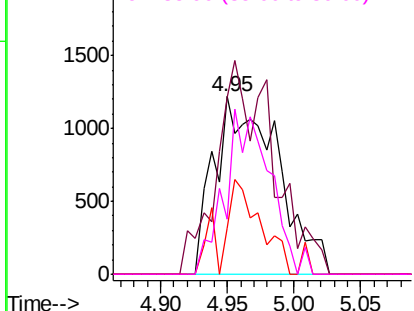
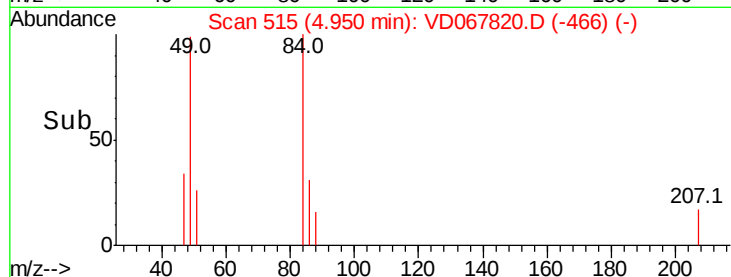
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.95 min Scan# 515
Delta R.T. -0.01 min
Lab File: VD067820.D
Acq: 30 Nov 2020 17:54

Instrument :
MSVOA_D
ClientSampleId :
PAV-B3-112420-0-1

Tot Ion: 84 Resp: 4021
Ion Ratio Lower Upper
84 100
49 99.2 77.4 116.2
51 26.1 24.1 36.1
86 30.7 48.2 72.2#

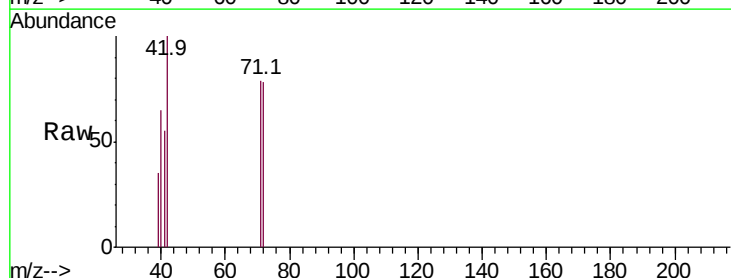


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

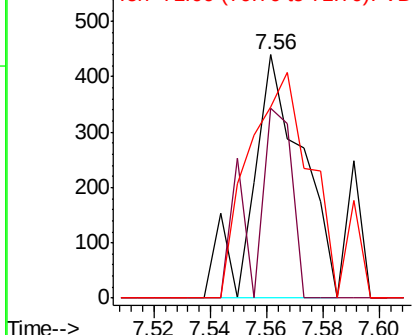
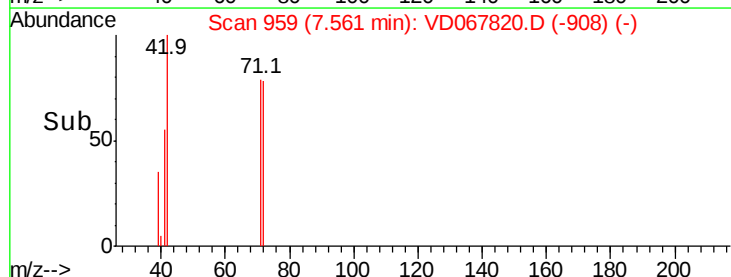


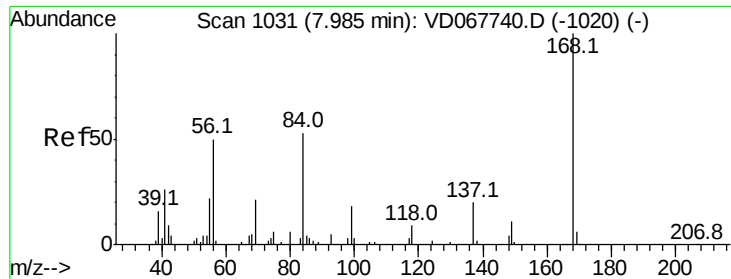
#29
Tetrahydrofuran
Concen: 4.693 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067820.D
Acq: 30 Nov 2020 17:54

Tgt Ion: 42 Resp: 542
Ion Ratio Lower Upper
42 100
72 59.2 49.3 73.9
71 123.4 45.9 68.9#



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

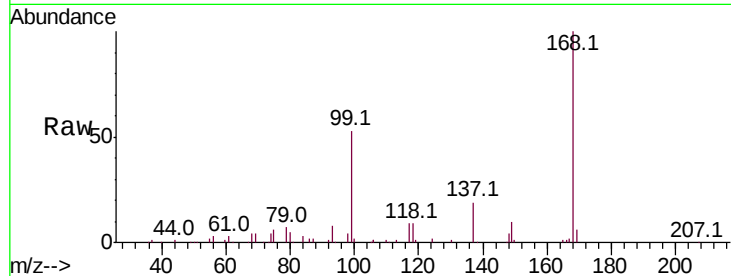




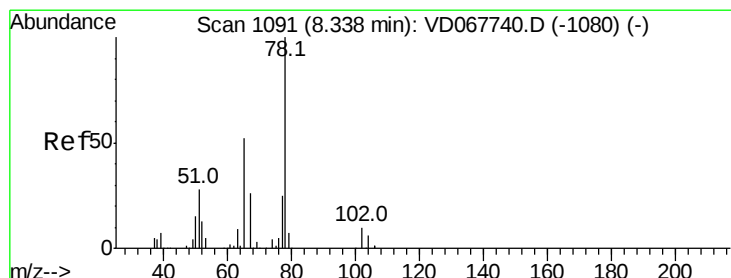
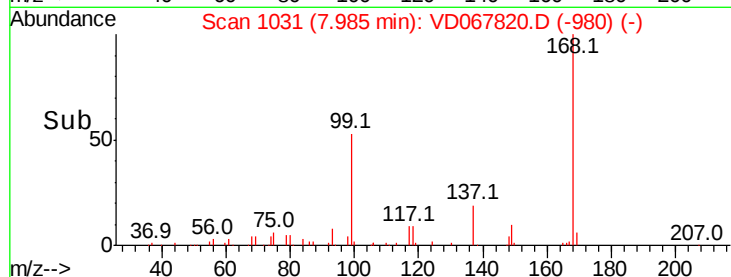
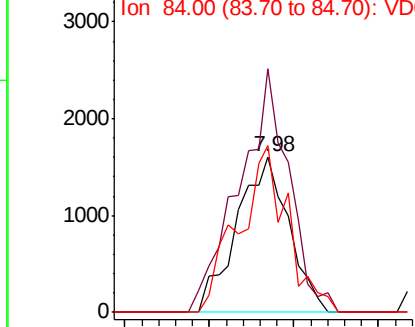
#31
Cyclohexane
Concen: 2.024 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067820.D
Acq: 30 Nov 2020 17:54

Instrument :
MSVOA_D
ClientSampleId :
PAV-B3-112420-0-1

Tot Ion: 56 Resp: 3431
Ion Ratio Lower Upper
56 100
69 156.1 33.2 49.8#
84 107.3 84.8 127.2

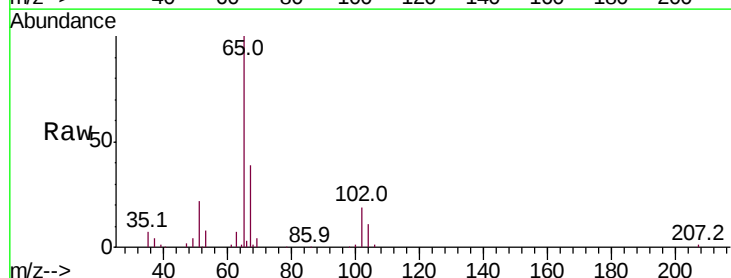


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

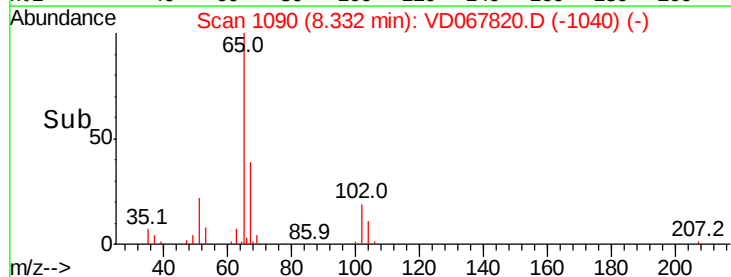
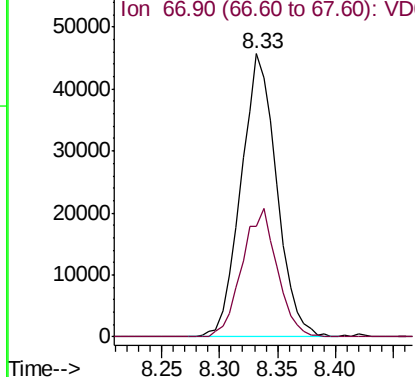


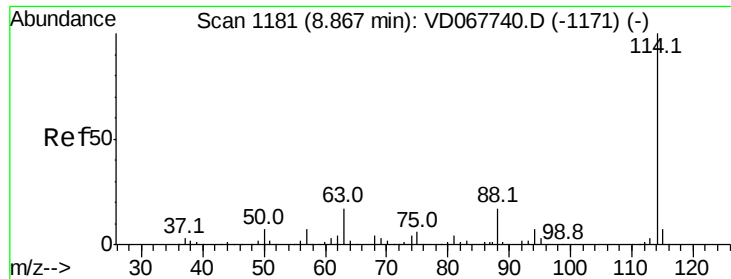
#33
1,2-Dichloroethane-d4
Concen: 69.870 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067820.D
Acq: 30 Nov 2020 17:54

Tgt Ion: 65 Resp: 97906
Ion Ratio Lower Upper
65 100
67 44.9 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

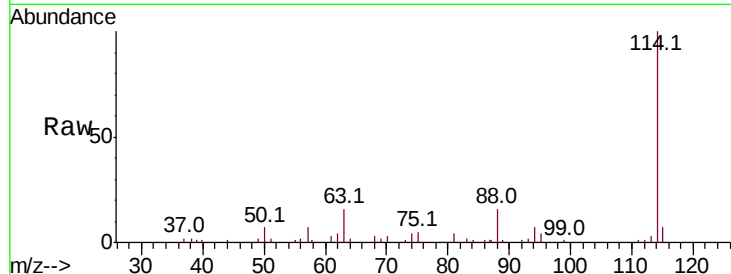




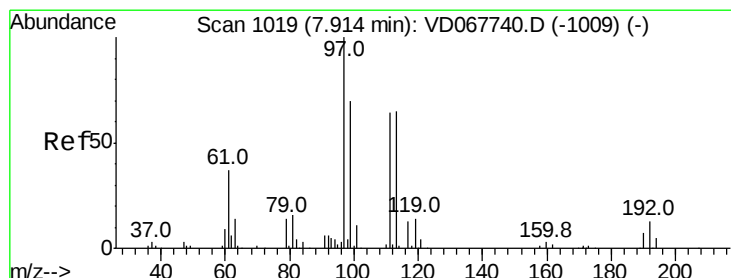
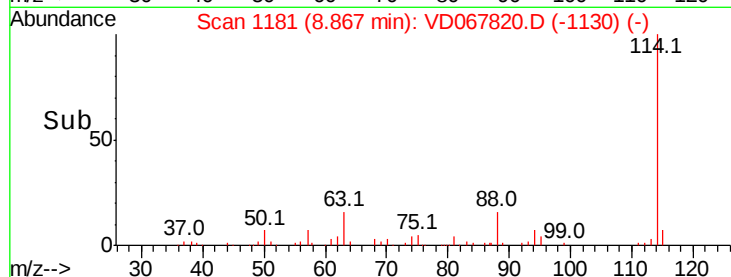
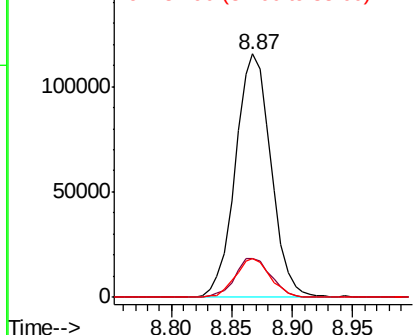
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067820.D
 Acq: 30 Nov 2020 17:54

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B3-112420-0-1

Tot Ion:114 Resp: 236148
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 34.8
 88 16.1 0.0 34.4

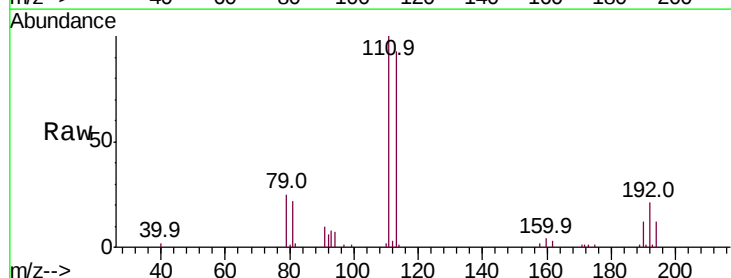


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

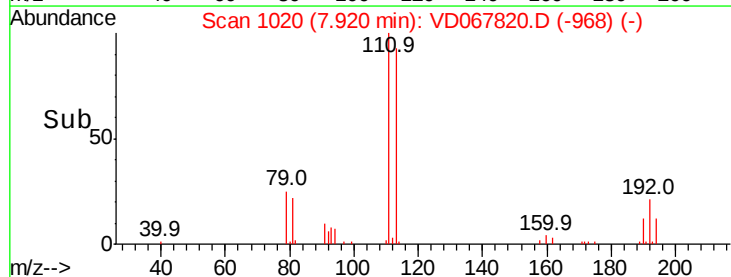
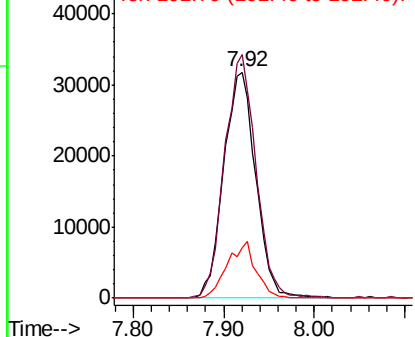


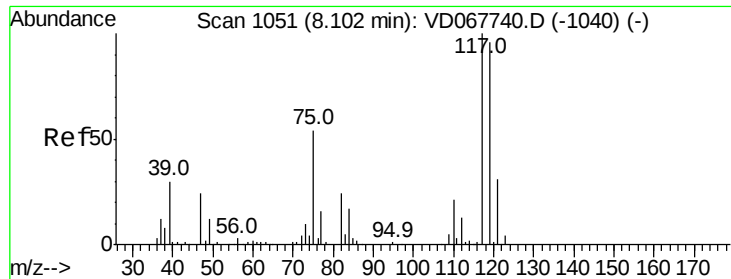
#35
 Dibromofluoromethane
 Concen: 51.915 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067820.D
 Acq: 30 Nov 2020 17:54

Tgt Ion:113 Resp: 78020
 Ion Ratio Lower Upper
 113 100
 111 105.6 81.4 122.0
 192 22.3 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





#38

Carbon Tetrachloride

Concen: 4.802 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.11 min

Lab File: VD067820.D

Acq: 30 Nov 2020 17:54

Instrument :

MSVOA_D

ClientSampleId :

PAV-B3-112420-0-1

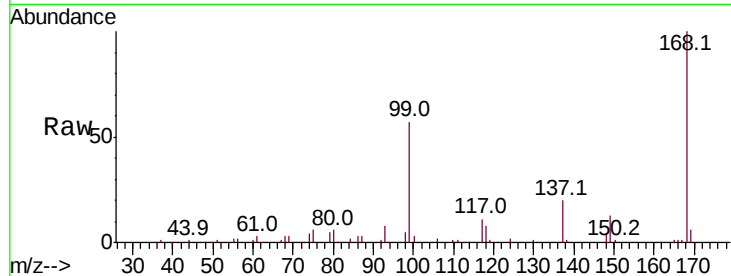
Tot Ion:117 Resp: 14106

Ion Ratio Lower Upper

117 100

119 5.5 76.6 115.0#

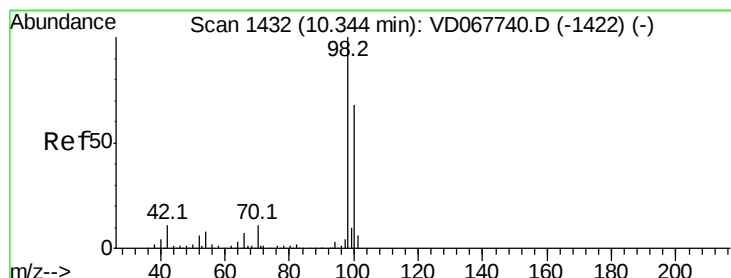
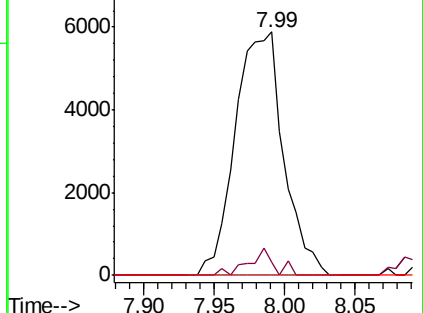
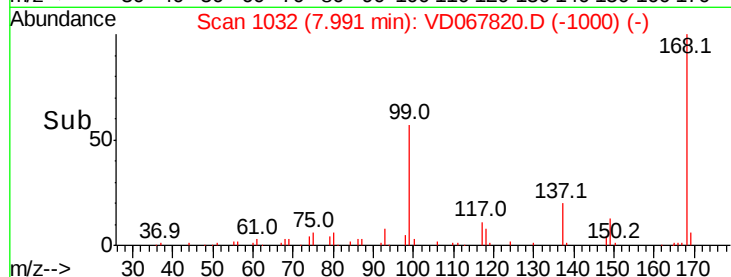
121 0.0 24.5 36.7#



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: 36.675 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067820.D

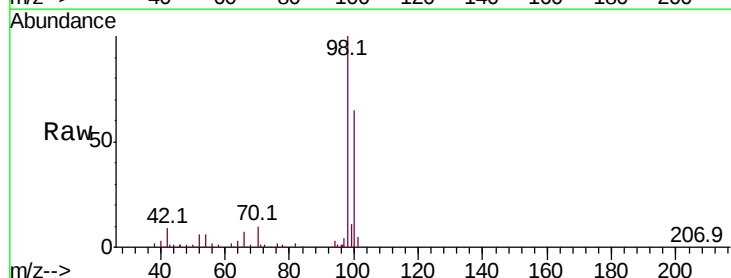
Acq: 30 Nov 2020 17:54

Tgt Ion: 98 Resp: 201512

Ion Ratio Lower Upper

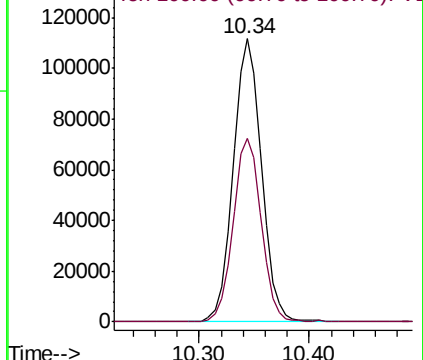
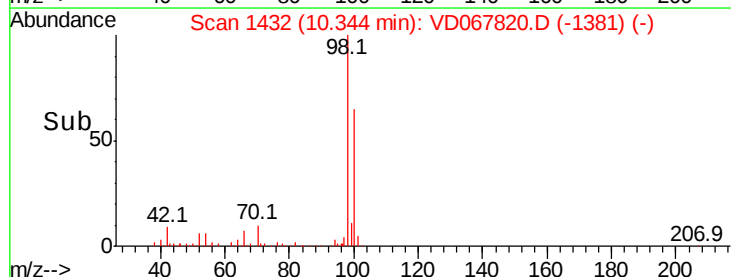
98 100

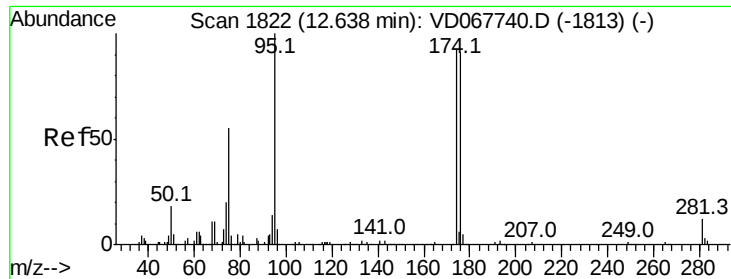
100 64.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

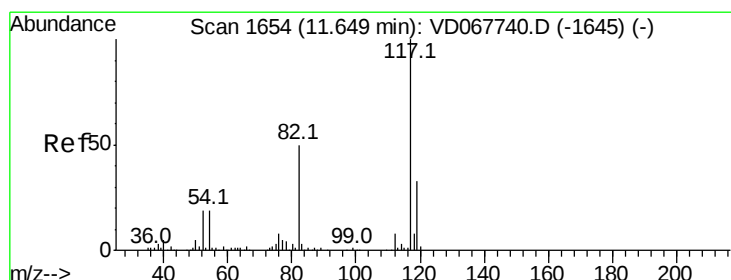
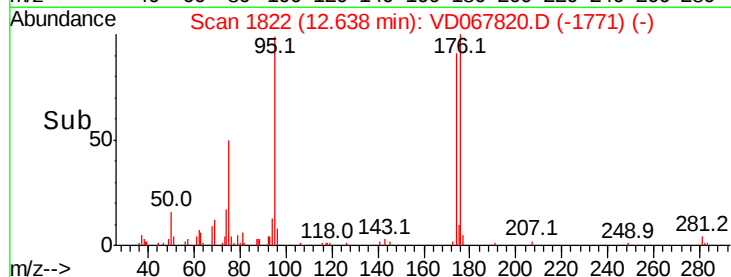
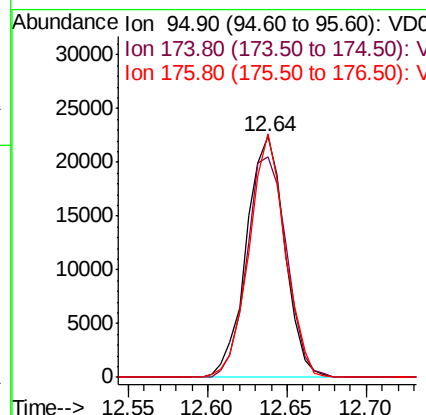
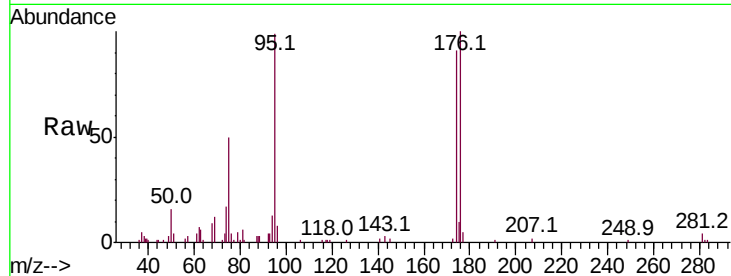




#62
4-Bromofluorobenzene
Concen: 20.011 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067820.D
Acq: 30 Nov 2020 17:54

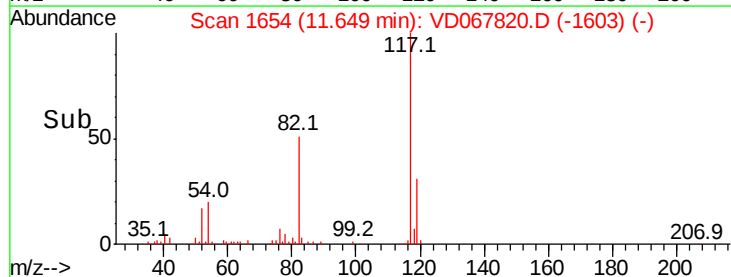
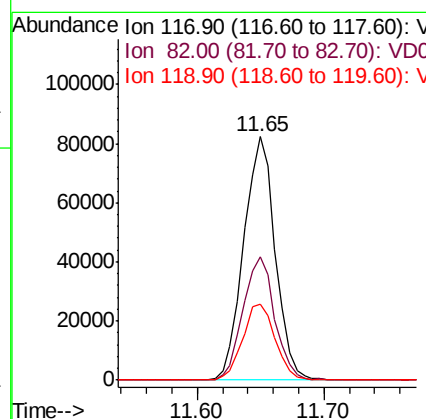
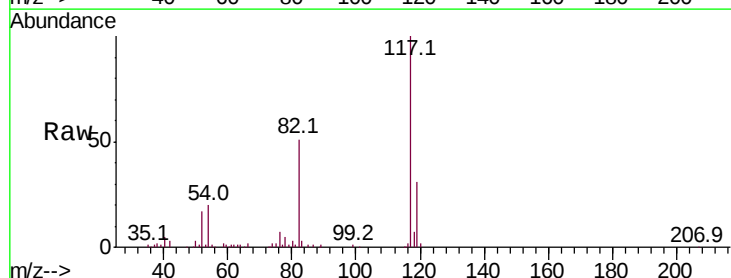
Instrument :
MSVOA_D
ClientSampleId :
PAV-B3-112420-0-1

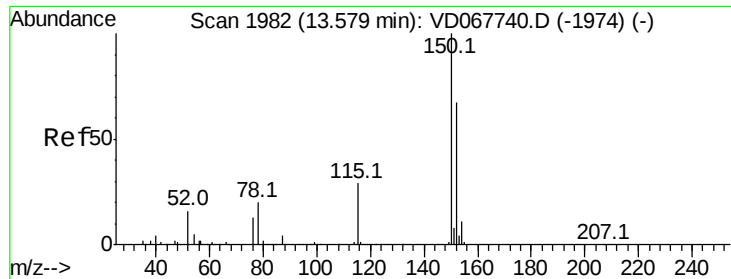
Tot Ion: 95 Resp: 37582
Ion Ratio Lower Upper
95 100
174 95.3 0.0 182.4
176 94.9 0.0 178.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067820.D
Acq: 30 Nov 2020 17:54

Tgt Ion: 117 Resp: 141681
Ion Ratio Lower Upper
117 100
82 50.5 40.2 60.4
119 31.2 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: VD067820.D

Acq: 30 Nov 2020 17:54

Instrument :

MSVOA_D

ClientSampleId :

PAV-B3-112420-0-1

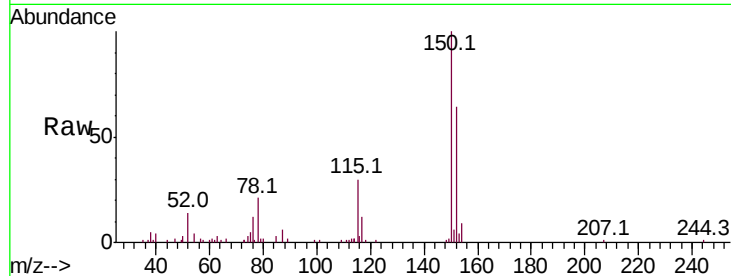
Tot Ion:152 Resp: 29182

Ion Ratio Lower Upper

152 100

115 53.5 29.4 88.3

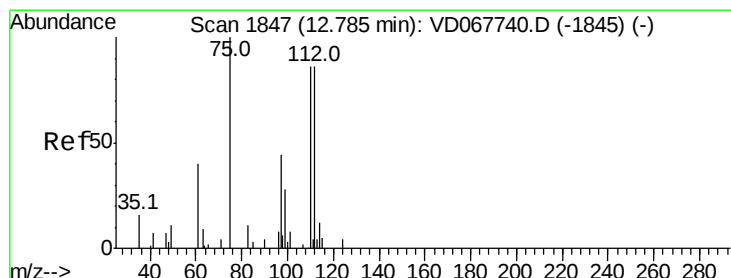
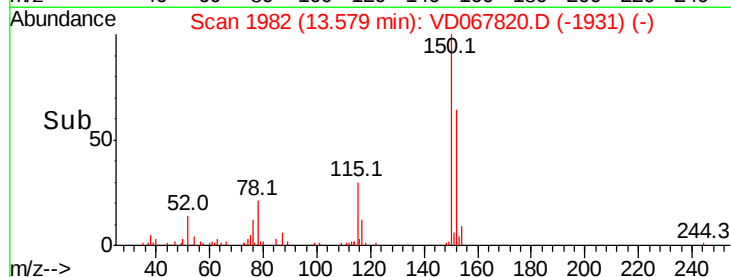
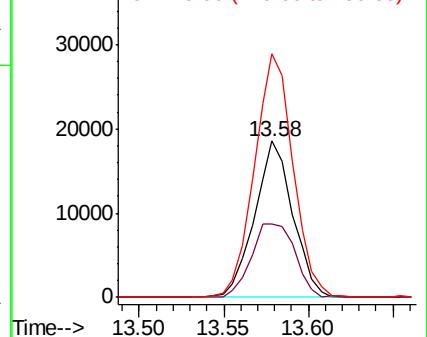
150 157.6 0.0 340.6



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: 98.203 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD067820.D

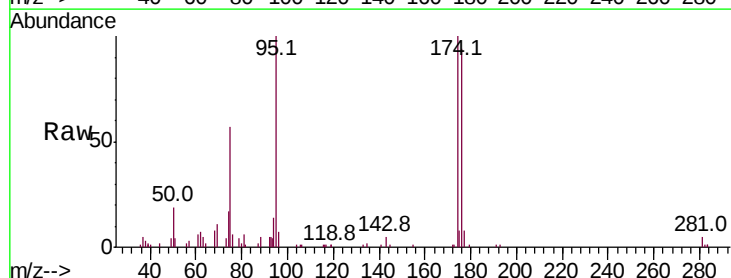
Acq: 30 Nov 2020 17:54

Tgt Ion: 75 Resp: 19973

Ion Ratio Lower Upper

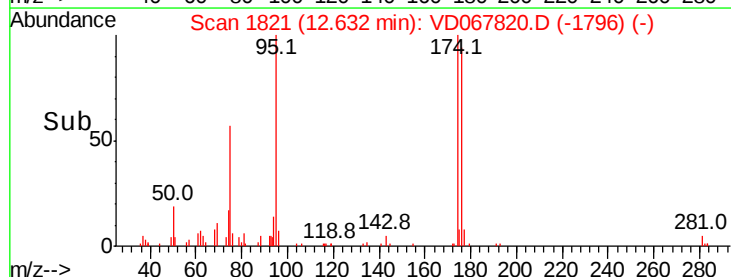
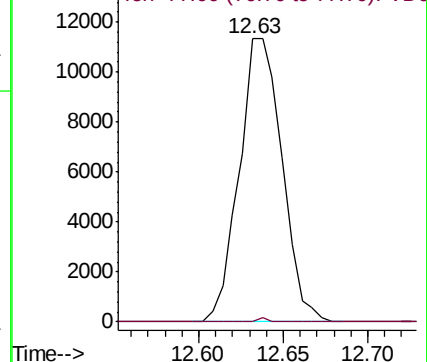
75 100

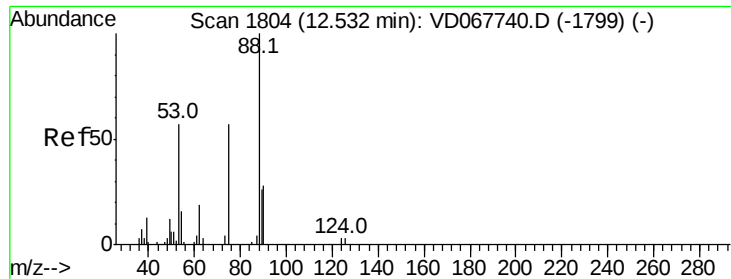
77 0.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 229.690 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD067820.D

Acq: 30 Nov 2020 17:54

Instrument :

MSVOA_D

ClientSampleId :

PAV-B3-112420-0-1

Tot Ion: 75 Resp: 19973

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.0 40.2 60.4#

