

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067172.D
 Acq On : 08 Oct 2020 01:35
 Operator : VA/SY
 Sample : L4291-07
 Misc : 7.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B4-100620-19-20

Quant Time: Oct 08 07:29:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

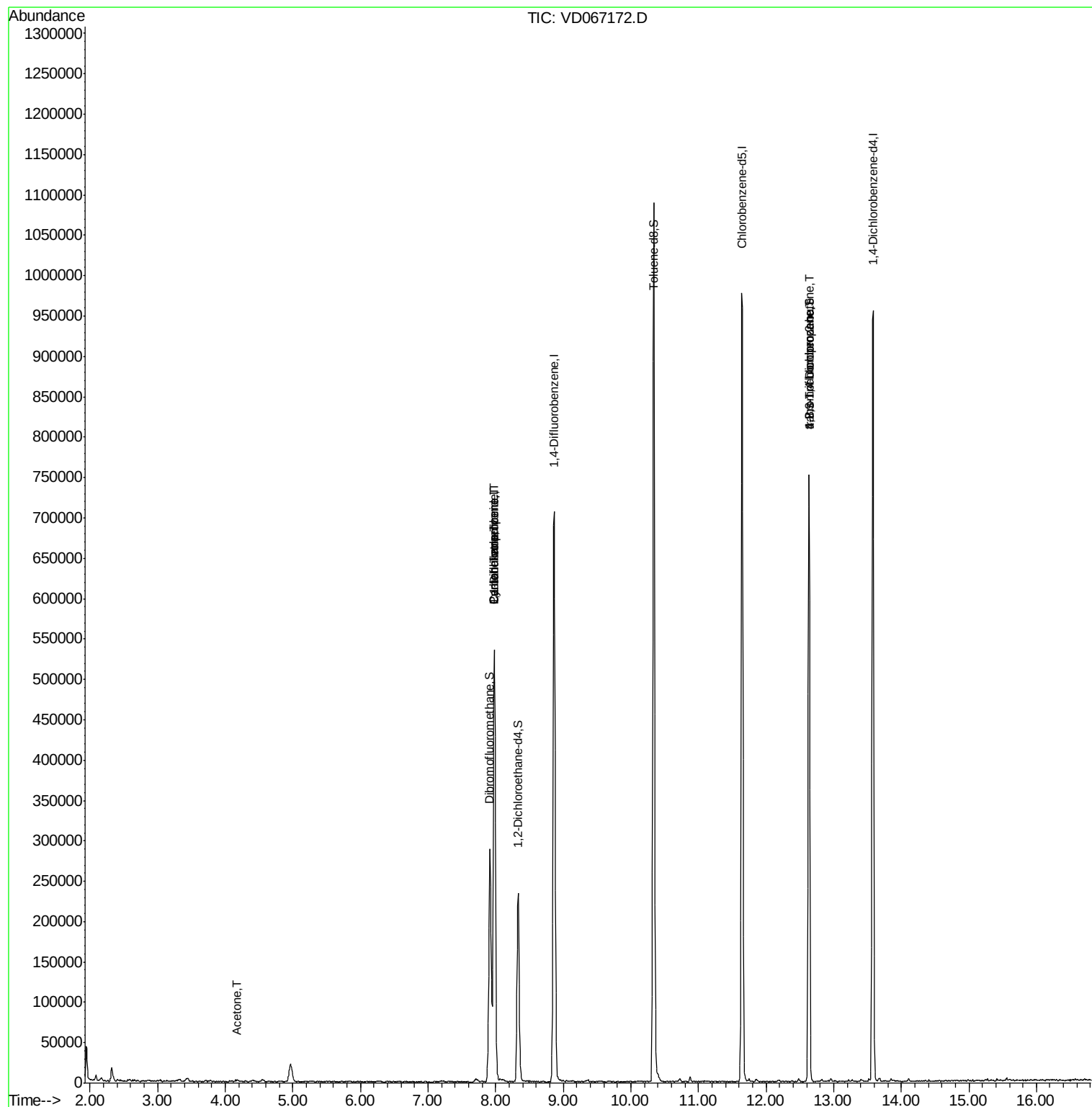
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	402004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	648095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	593272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	270078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	194279	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
35) Dibromofluoromethane	7.92	113	204112	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	10.34	98	754111	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.64	95	245590	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	711	Below Cal	#	40
5) Bromomethane	2.77	94	351	Below Cal		94
16) Acetone	4.17	43	3452	5.840	ug/l #	86
20) Methylene Chloride	4.97	84	18699	Below Cal		95
26) 2,2-Dichloropropane	7.21	77	134	Below Cal	#	53
31) Cyclohexane	7.98	56	8618	1.482	ug/l #	16
36) 1,1-Dichloropropene	7.97	75	30557	5.058	ug/l #	50
38) Carbon Tetrachloride	7.98	117	41949	6.418	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	126986	53.980	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	126986	134.579	ug/l #	12

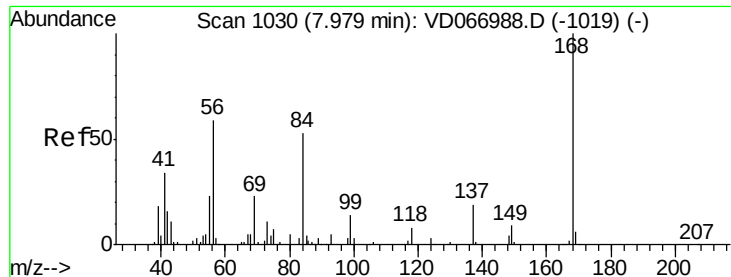
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100720\
Data File : VD067172.D
Acq On : 08 Oct 2020 01:35
Operator : VA/SY
Sample : L4291-07
Misc : 7.19G/5.00ml/MSVOA D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PAV-B4-100620-19-20

Quant Time: Oct 08 07:29:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067172.D

Acq: 08 Oct 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

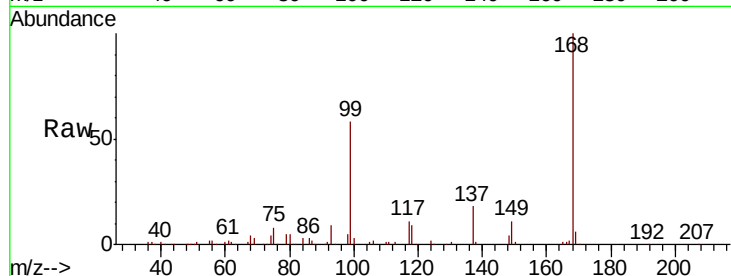
PAV-B4-100620-19-20

Tot Ion:168 Resp: 402004

Ion Ratio Lower Upper

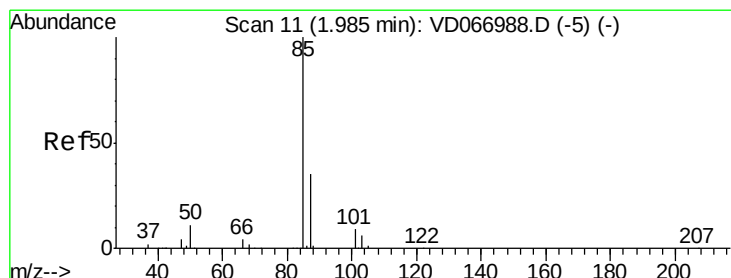
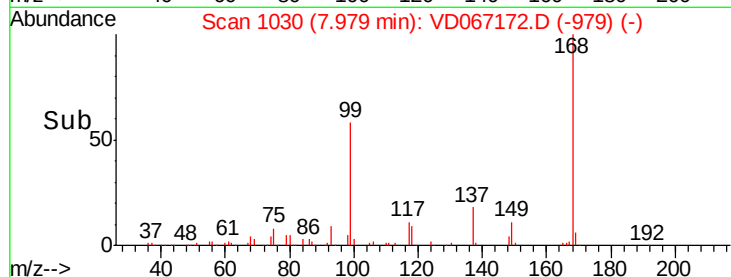
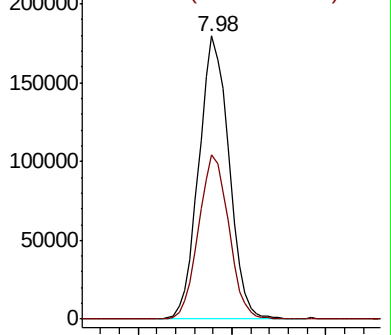
168 100

99 58.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067172.D

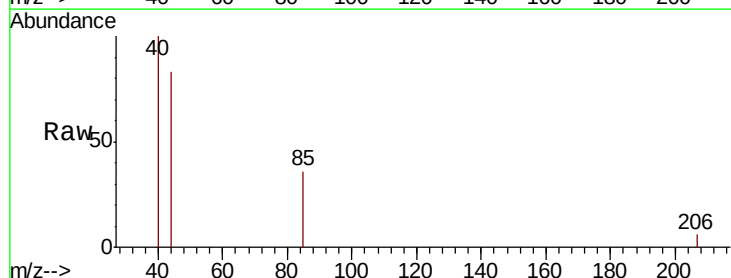
Acq: 08 Oct 2020 01:35

Tgt Ion: 85 Resp: 711

Ion Ratio Lower Upper

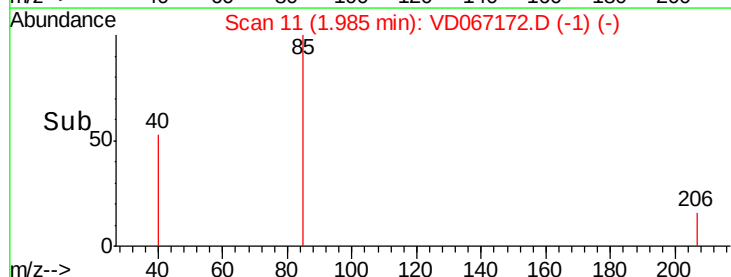
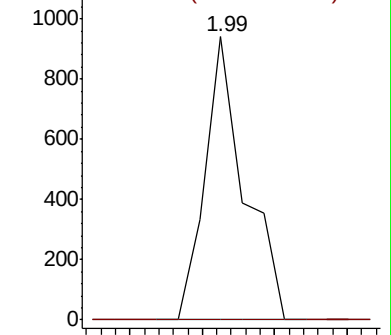
85 100

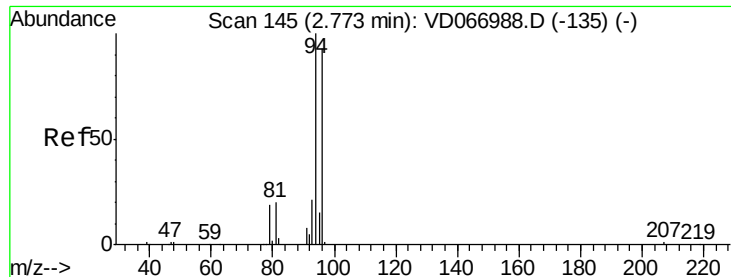
87 0.0 17.3 52.0#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067172.D

Acq: 08 Oct 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

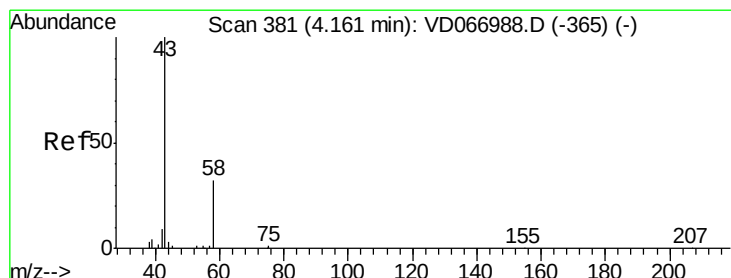
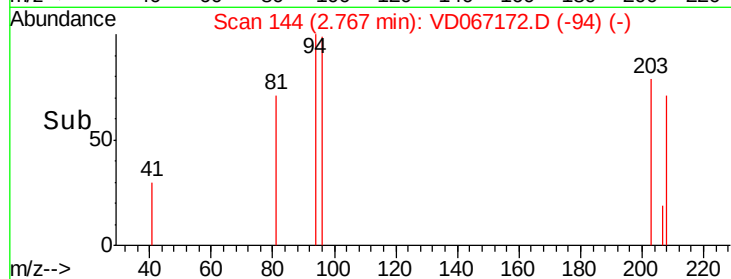
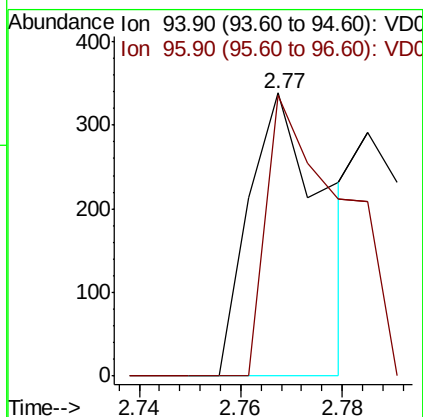
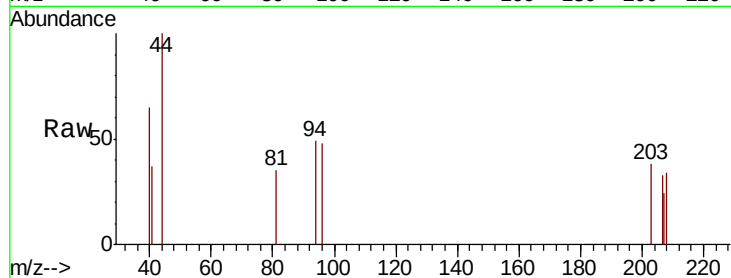
PAV-B4-100620-19-20

Tot Ion: 94 Resp: 351

Ion Ratio Lower Upper

94 100

96 99.1 74.6 112.0



#16

Acetone

Concen: 5.840 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD067172.D

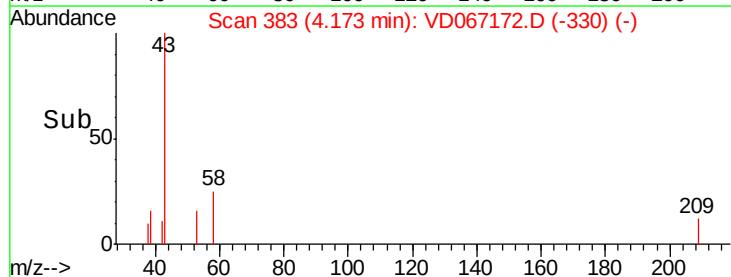
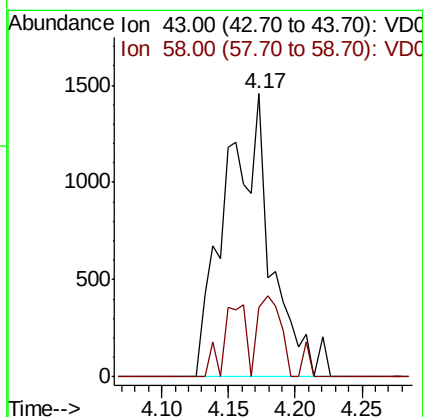
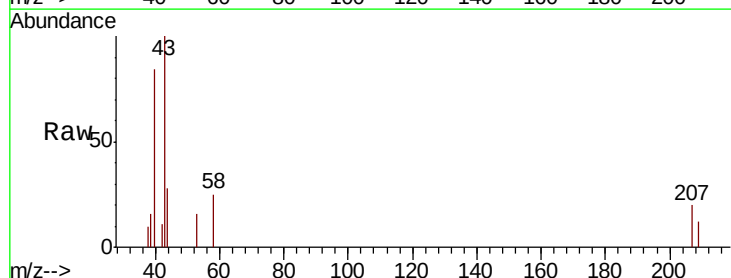
Acq: 08 Oct 2020 01:35

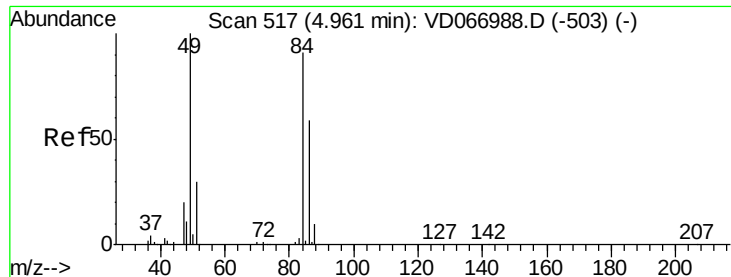
Tgt Ion: 43 Resp: 3452

Ion Ratio Lower Upper

43 100

58 24.7 25.9 38.9#

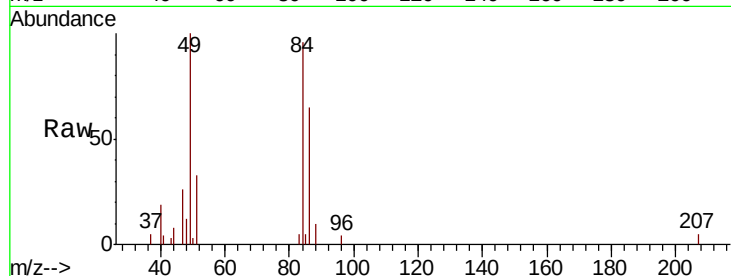




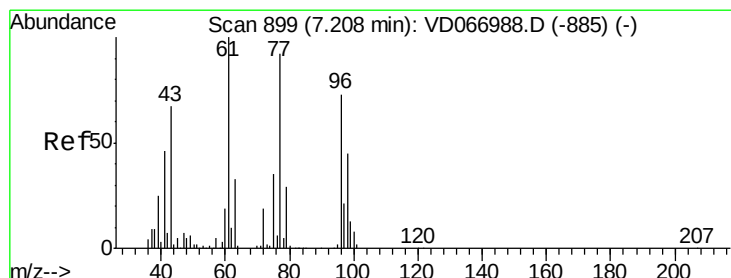
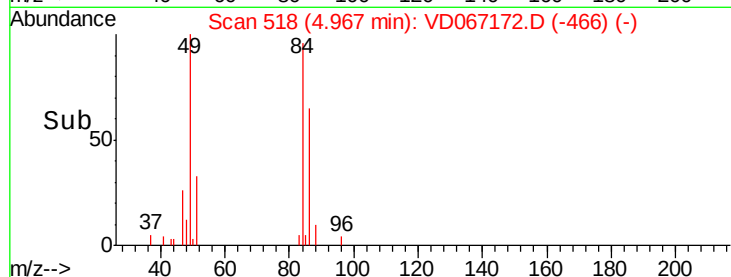
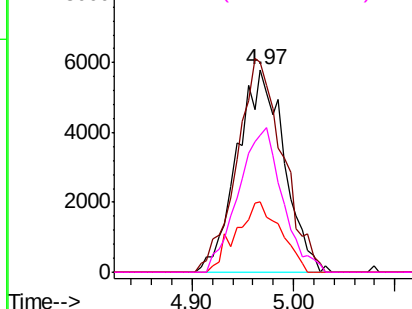
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067172.D
Acq: 08 Oct 2020 01:35

Instrument :
MSVOA_D
ClientSampleId :
PAV-B4-100620-19-20

Tot Ion: 84 Resp: 18699
Ion Ratio Lower Upper
84 100
49 103.8 88.2 132.2
51 34.6 26.6 39.8
86 67.4 52.1 78.1

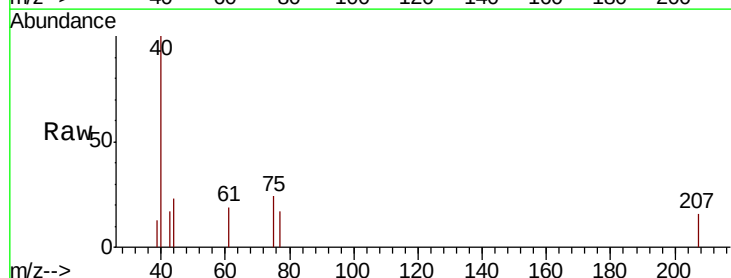


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

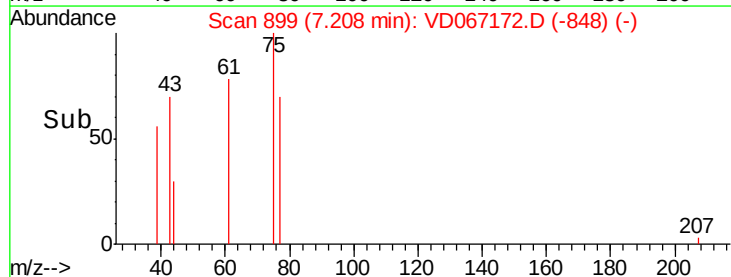
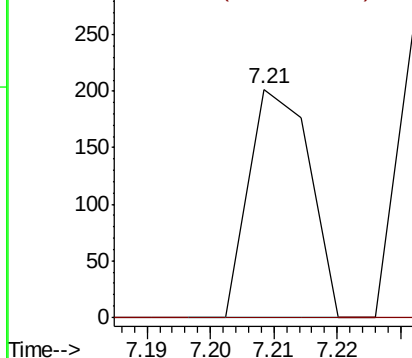


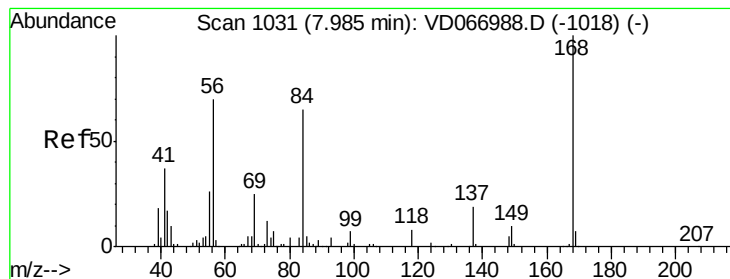
#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067172.D
Acq: 08 Oct 2020 01:35

Tgt Ion: 77 Resp: 134
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



Abundance Ion 76.90 (76.60 to 77.60): VDC
Ion 96.90 (96.60 to 97.60): VDC





#31

Cyclohexane

Concen: 1.482 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067172.D

Acq: 08 Oct 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

PAV-B4-100620-19-20

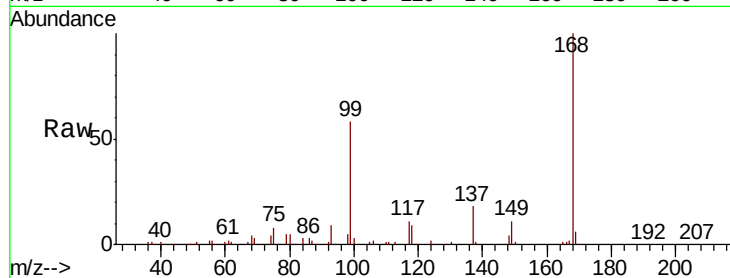
Tot Ion: 56 Resp: 8618

Ion Ratio Lower Upper

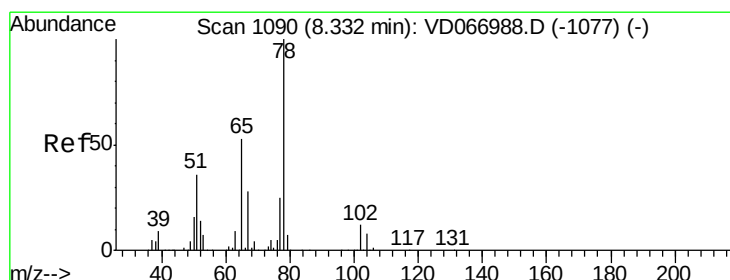
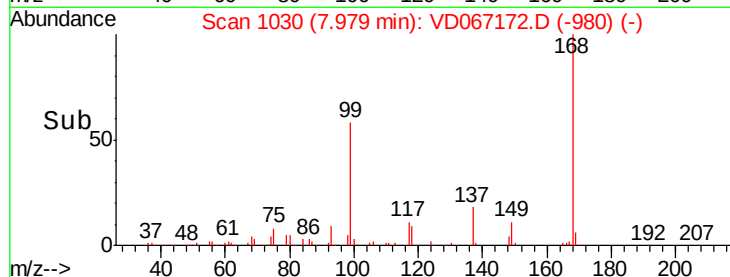
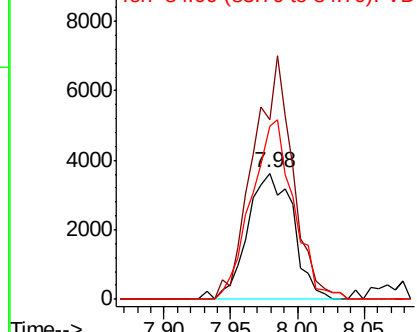
56 100

69 142.0 29.0 43.6#

84 137.2 74.2 111.2#



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: 50.174 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067172.D

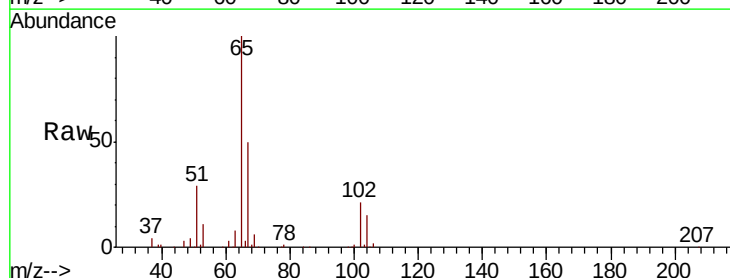
Acq: 08 Oct 2020 01:35

Tgt Ion: 65 Resp: 194279

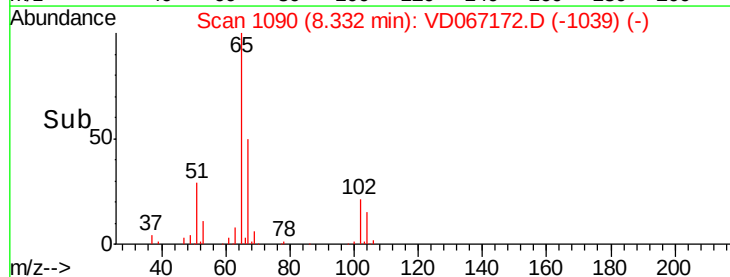
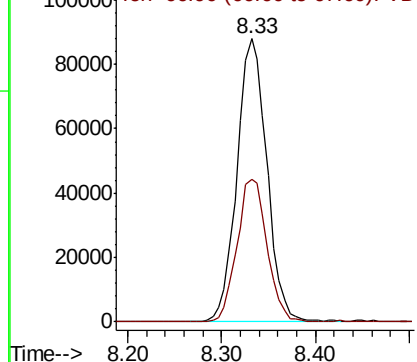
Ion Ratio Lower Upper

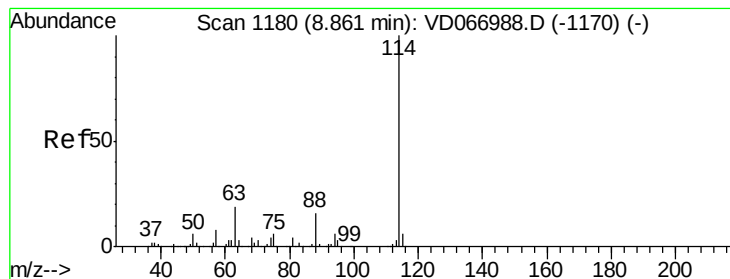
65 100

67 50.4 0.0 106.8



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. 0.01 min

Lab File: VD067172.D

Acq: 08 Oct 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

PAV-B4-100620-19-20

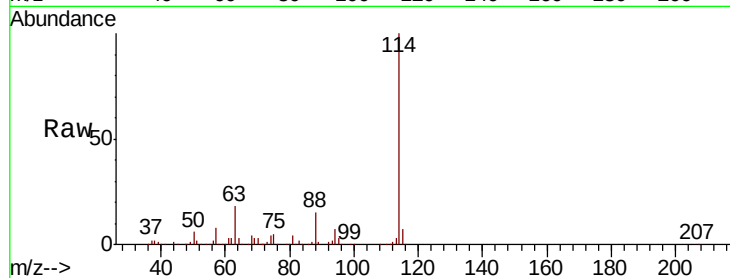
Tot Ion:114 Resp: 648095

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

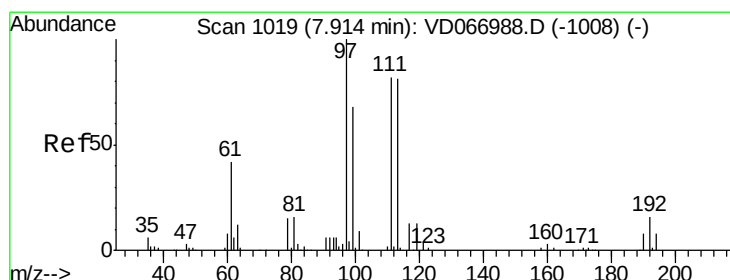
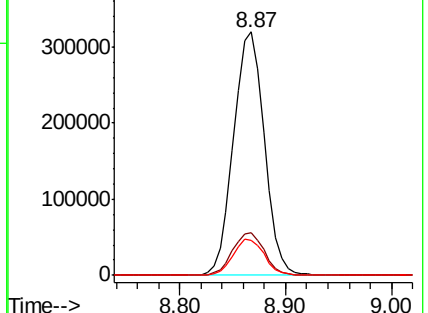
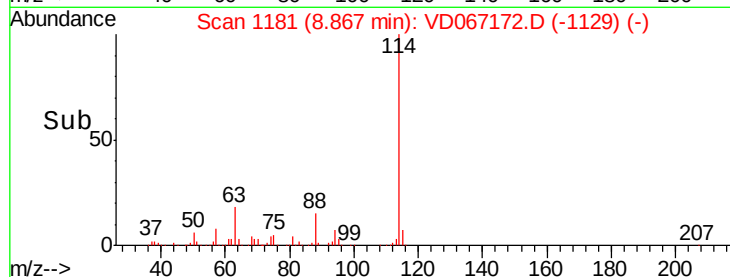
88 14.5 0.0 31.2



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: 48.106 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067172.D

Acq: 08 Oct 2020 01:35

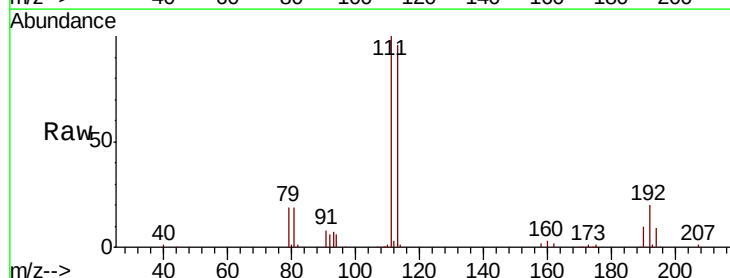
Tgt Ion:113 Resp: 204112

Ion Ratio Lower Upper

113 100

111 105.7 83.0 124.4

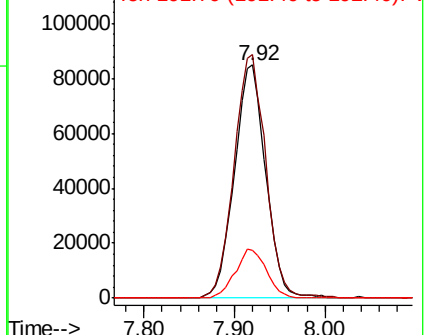
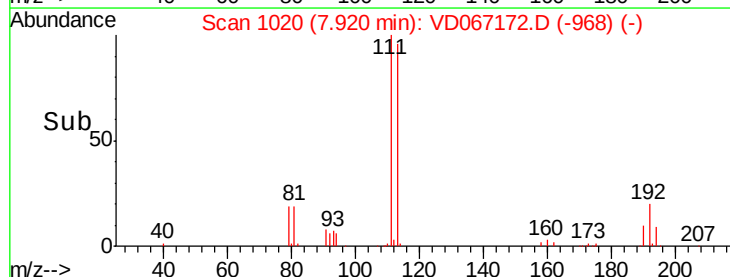
192 20.8 15.5 23.3

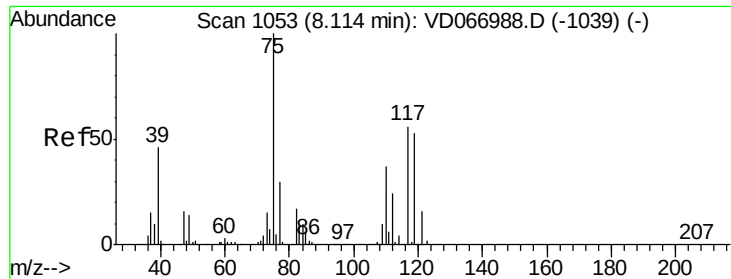


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.058 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD067172.D

Acq: 08 Oct 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

PAV-B4-100620-19-20

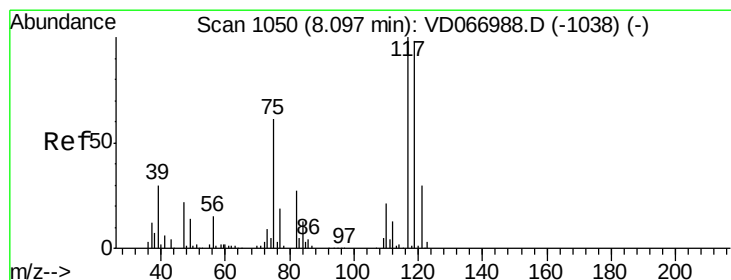
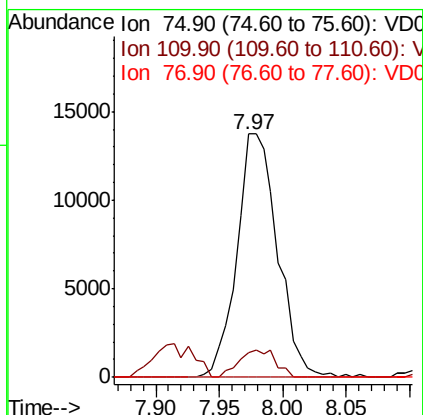
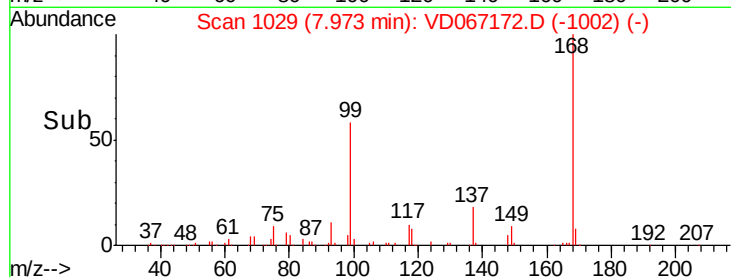
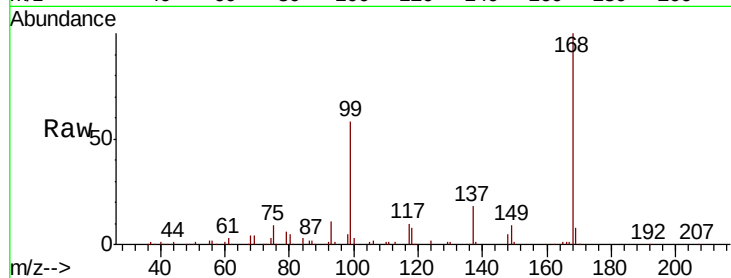
Tot Ion: 75 Resp: 30557

Ion Ratio Lower Upper

75 100

110 10.2 18.4 55.0#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.418 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD067172.D

Acq: 08 Oct 2020 01:35

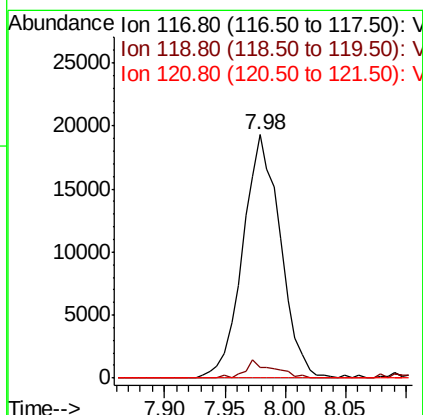
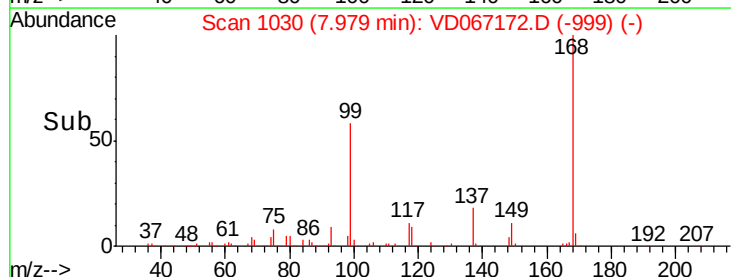
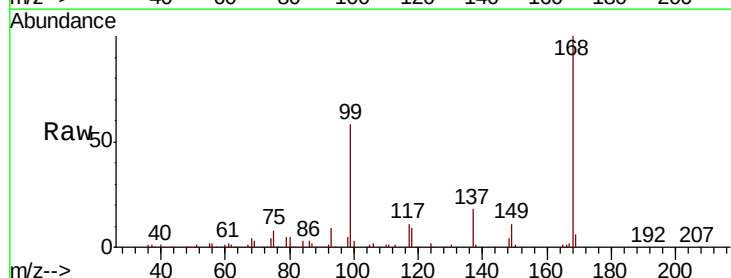
Tgt Ion: 117 Resp: 41949

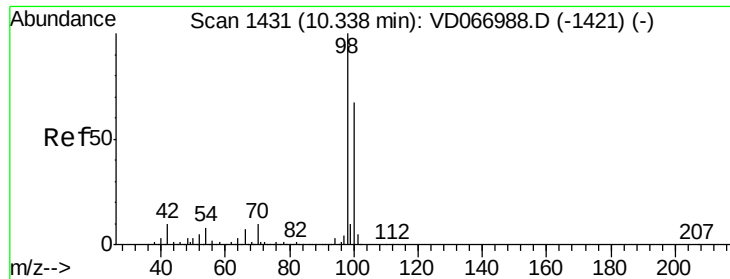
Ion Ratio Lower Upper

117 100

119 4.3 78.7 118.1#

121 0.0 24.2 36.2#

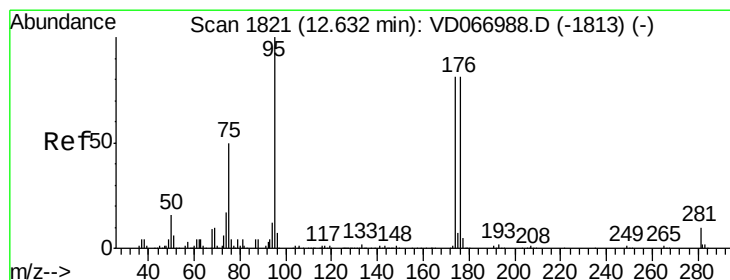
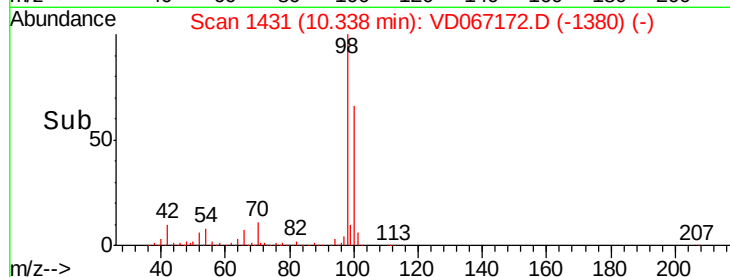
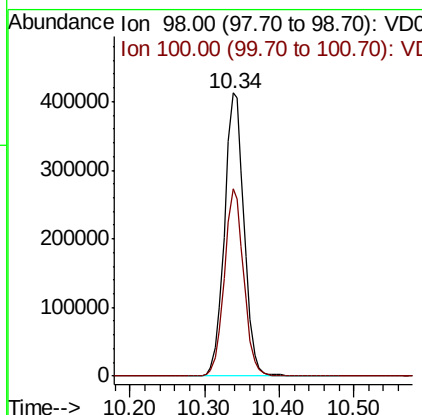
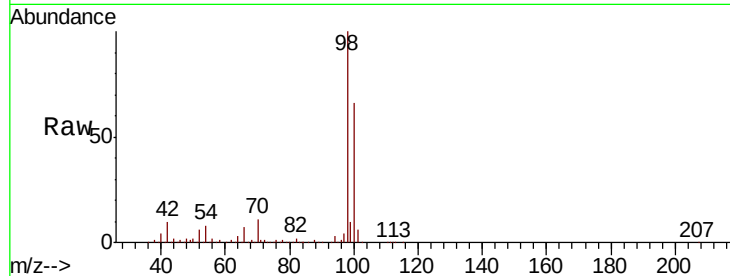




#50
Toluene-d8
Concen: 48.776 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067172.D
Acq: 08 Oct 2020 01:35

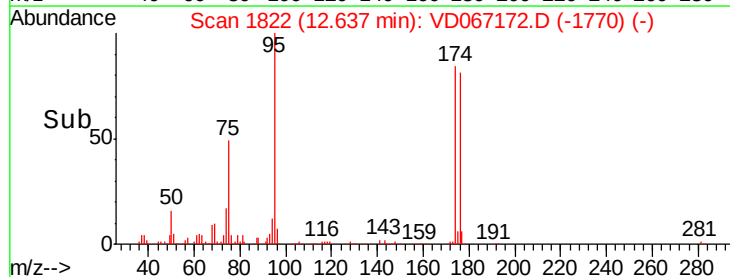
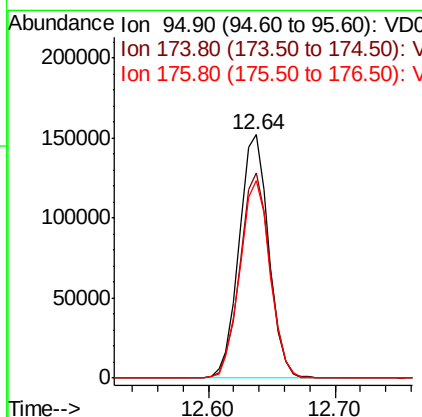
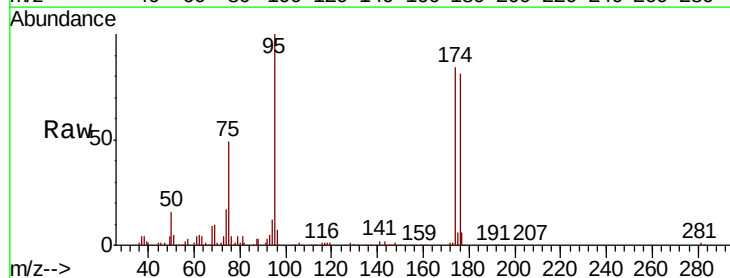
Instrument :
MSVOA_D
ClientSampleId :
PAV-B4-100620-19-20

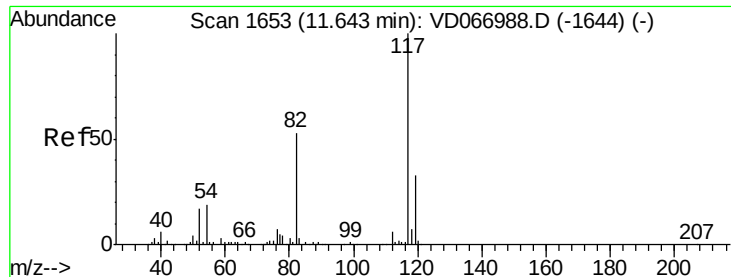
Tot Ion: 98 Resp: 754111
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.792 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067172.D
Acq: 08 Oct 2020 01:35

Tgt Ion: 95 Resp: 245590
Ion Ratio Lower Upper
95 100
174 85.4 0.0 167.6
176 82.8 0.0 162.4

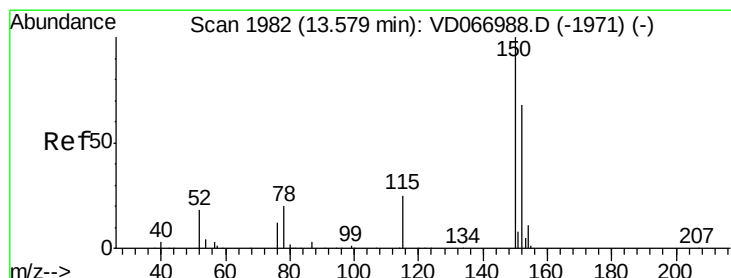
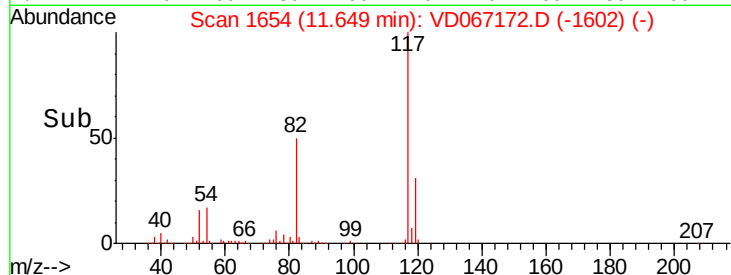
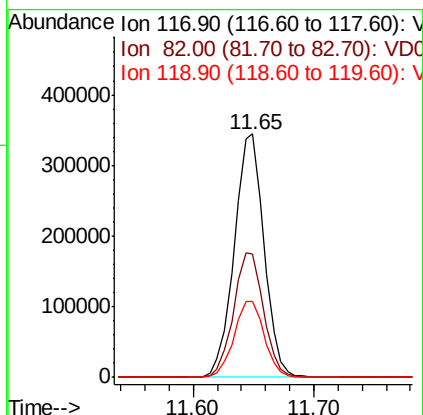
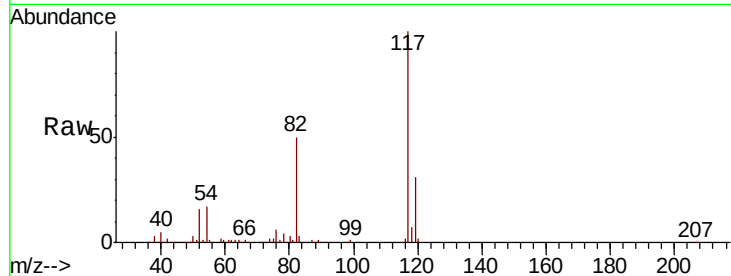




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067172.D
Acq: 08 Oct 2020 01:35

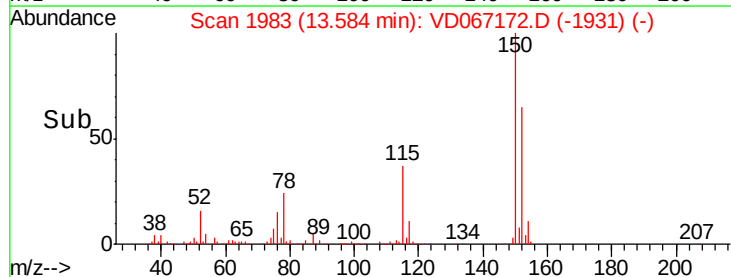
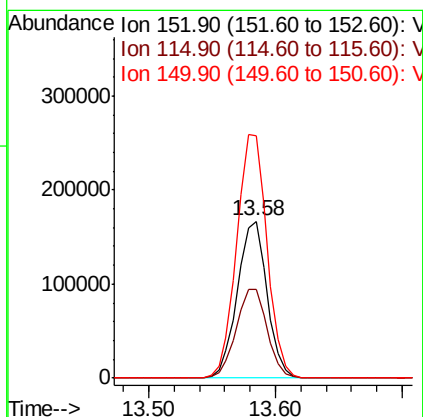
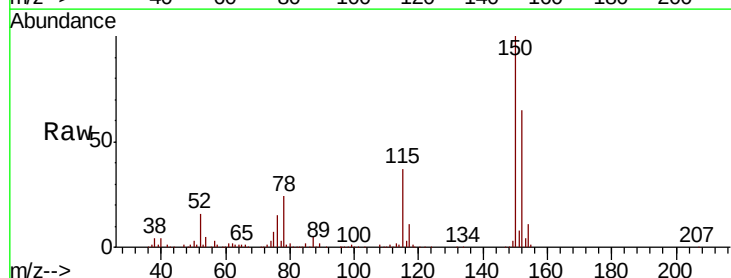
Instrument :
MSVOA_D
ClientSampleId :
PAV-B4-100620-19-20

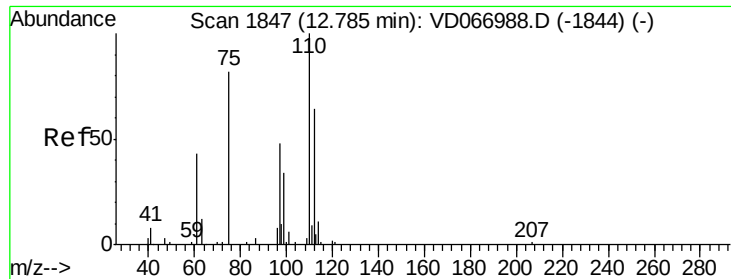
Tot Ion:117 Resp: 593272
Ion Ratio Lower Upper
117 100
82 50.4 42.6 63.8
119 31.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067172.D
Acq: 08 Oct 2020 01:35

Tgt Ion:152 Resp: 270078
Ion Ratio Lower Upper
152 100
115 59.4 29.6 88.8
150 159.0 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 53.980 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067172.D

Acq: 08 Oct 2020 01:35

Instrument :

MSVOA_D

ClientSampleId :

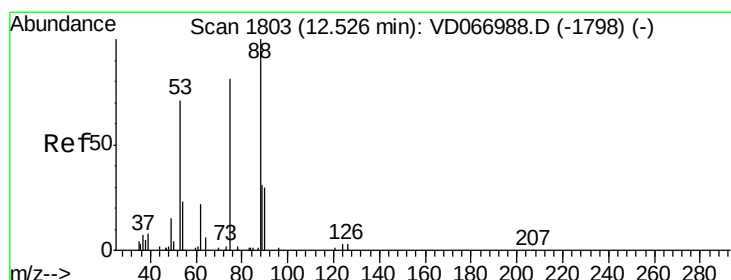
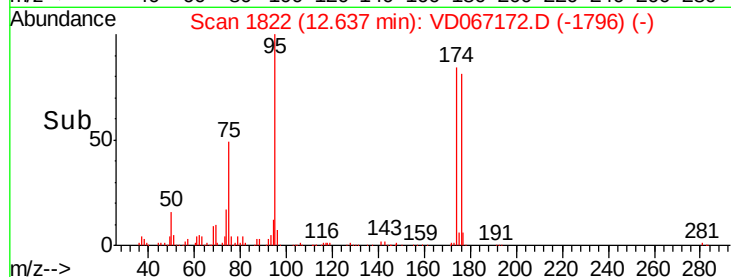
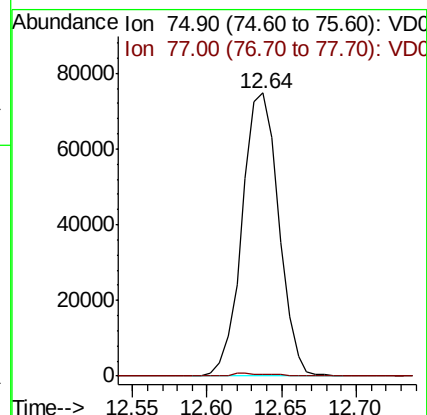
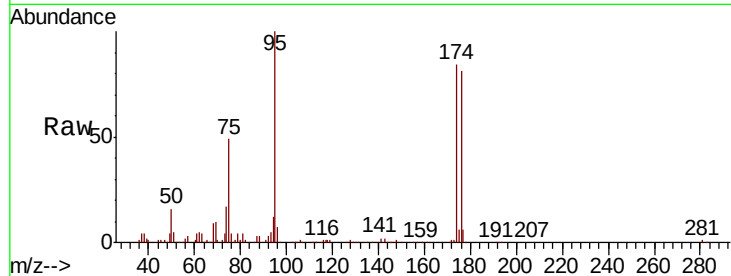
PAV-B4-100620-19-20

Tot Ion: 75 Resp: 126986

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.579 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067172.D

Acq: 08 Oct 2020 01:35

Tgt Ion: 75 Resp: 126986

Ion Ratio Lower Upper

75 100

53 0.2 73.8 110.6#

89 0.0 38.9 58.3#

