

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067524.D
 Acq On : 04 Nov 2020 17:00
 Operator : VA/SY
 Sample : L4622-11
 Misc : 6.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B7-110220-DP

Quant Time: Nov 05 00:39:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

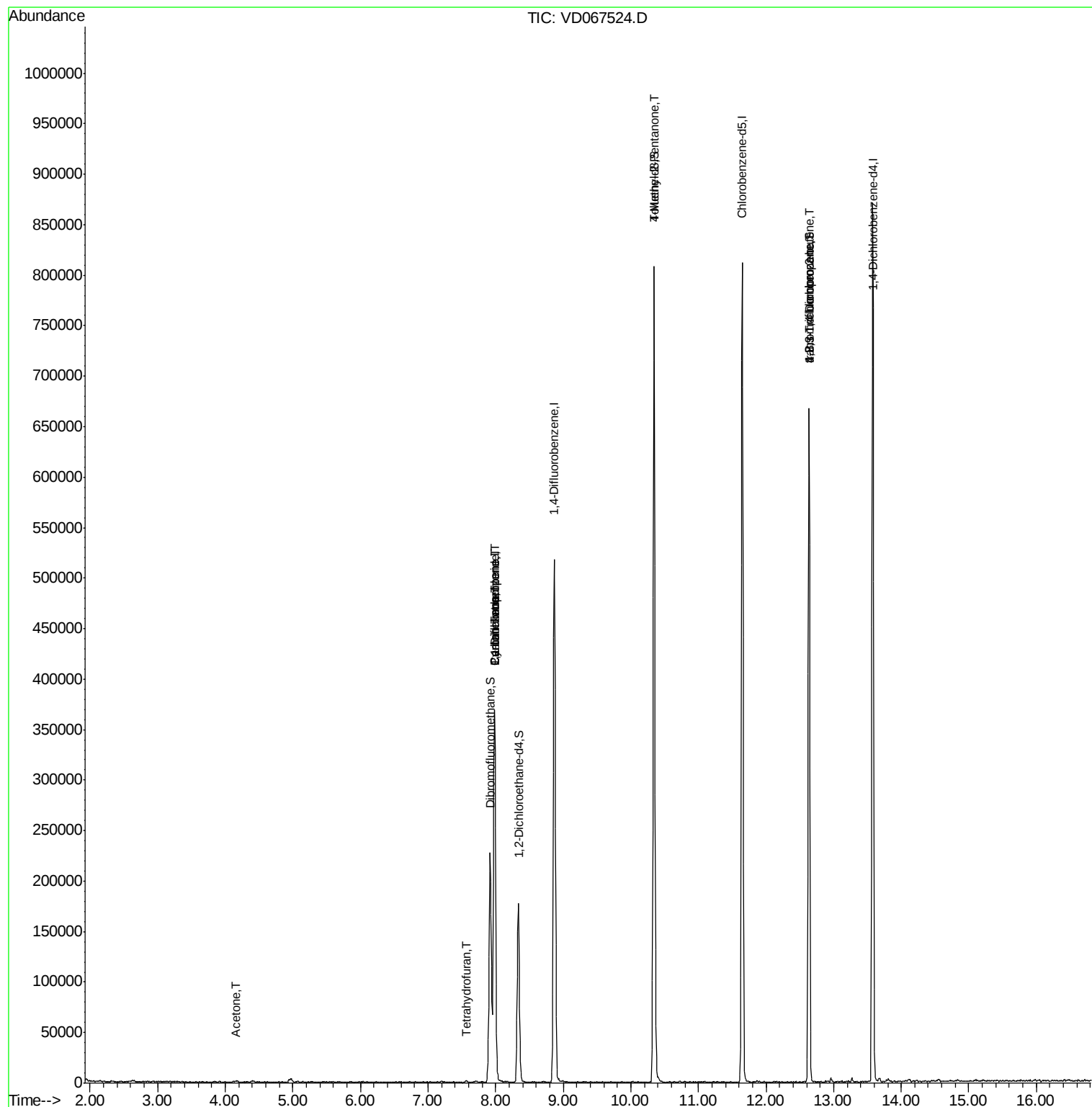
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	283842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	474883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	486355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	156833	63.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.38%	
35) Dibromofluoromethane	7.92	113	155797	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
50) Toluene-d8	10.34	98	559152	55.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.22%	
62) 4-Bromofluorobenzene	12.64	95	208321	60.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.02%	
Target Compounds						
16) Acetone	4.16	43	1811	4.876	ug/l	99
29) Tetrahydrofuran	7.56	42	600	2.524	ug/l #	66
31) Cyclohexane	7.98	56	5846	1.624	ug/l #	20
36) 1,1-Dichloropropene	7.98	75	19532	4.805	ug/l #	50
38) Carbon Tetrachloride	7.99	117	28916	5.475	ug/l #	14
51) 4-Methyl-2-Pentanone	10.35	43	2264	2.268	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	106521	72.620	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	106521	147.437	ug/l #	10

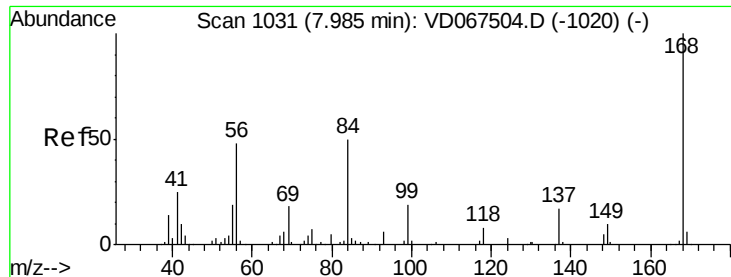
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

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PAV-B7-110220-DP

Quant Time: Nov 05 00:39:33 2020
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067524.D

Acq: 04 Nov 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

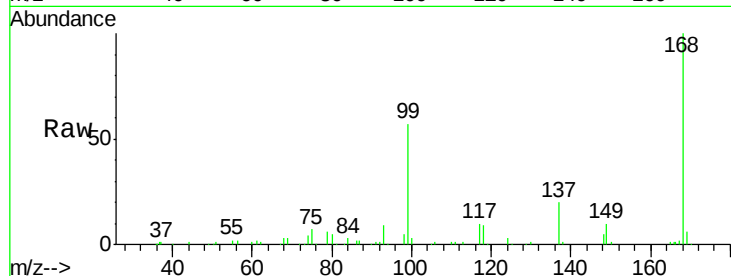
PAV-B7-110220-DP

Tot Ion:168 Resp: 283842

Ion Ratio Lower Upper

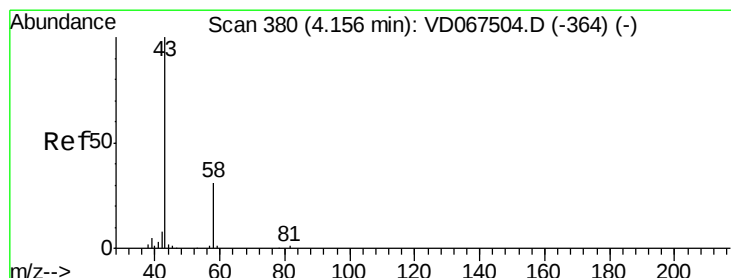
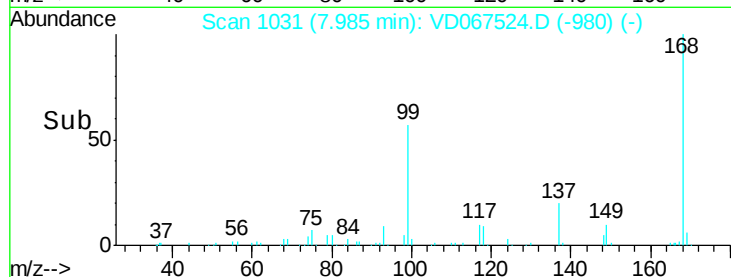
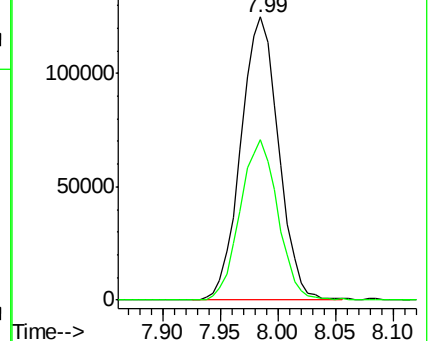
168 100

99 56.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 4.876 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067524.D

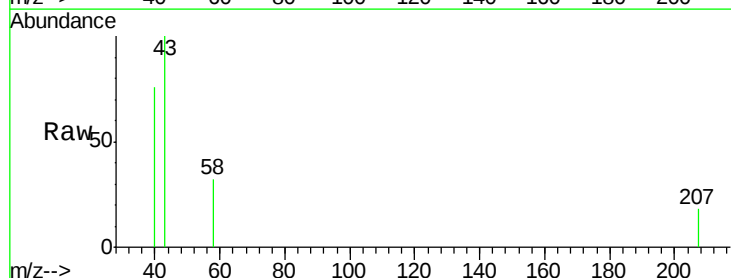
Acq: 04 Nov 2020 17:00

Tgt Ion: 43 Resp: 1811

Ion Ratio Lower Upper

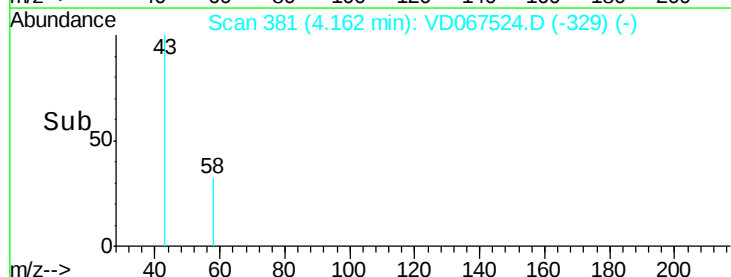
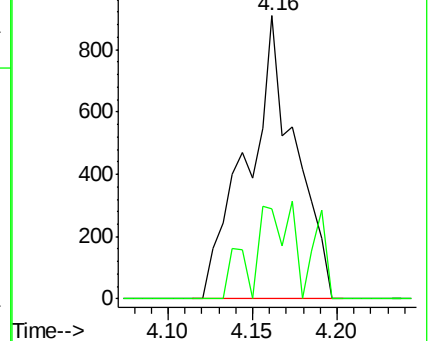
43 100

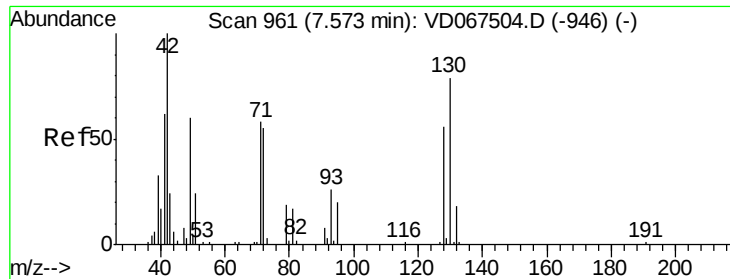
58 31.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

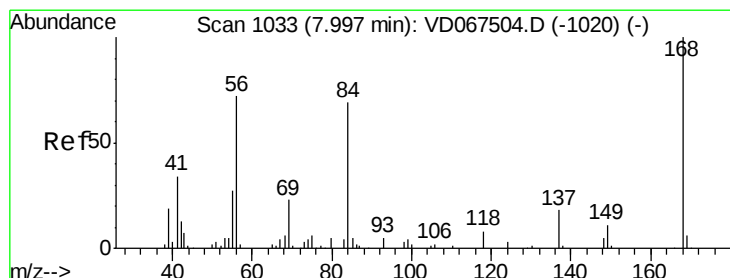
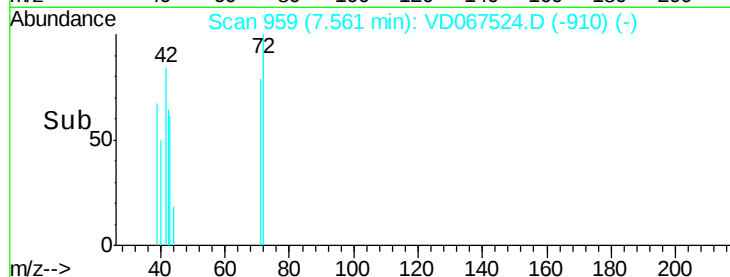
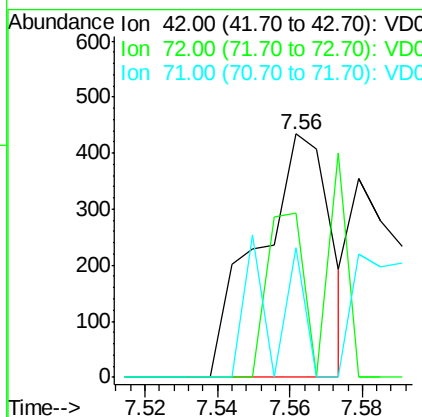
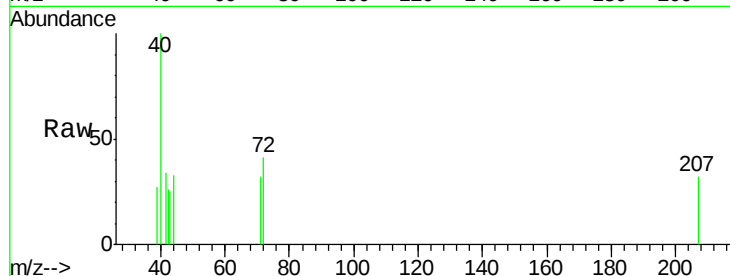




#29
Tetrahydrofuran
Concen: 2.524 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067524.D
Acq: 04 Nov 2020 17:00

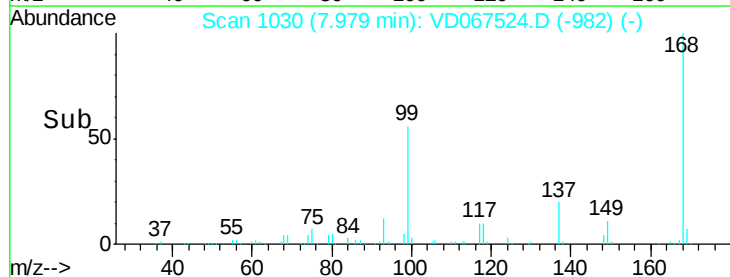
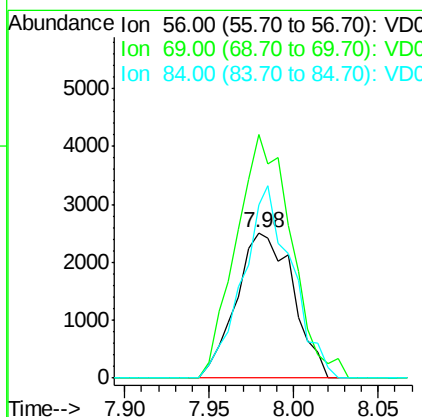
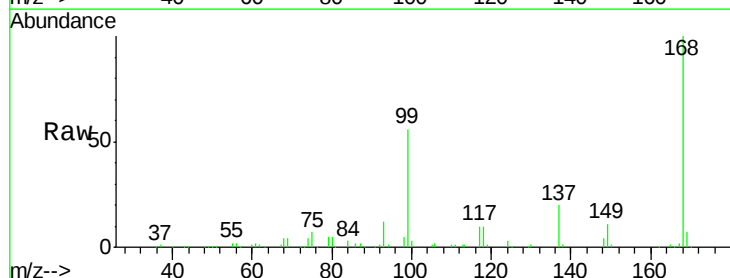
Instrument :
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PAV-B7-110220-DP

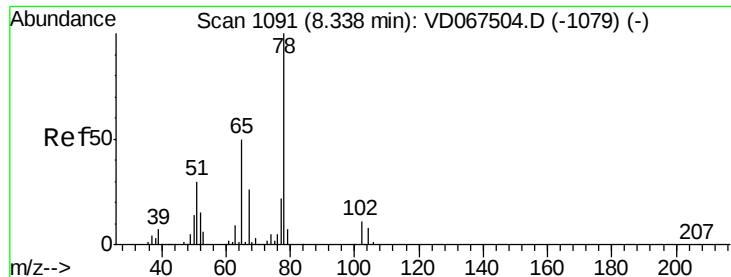
Tot Ion: 42 Resp: 600
Ion Ratio Lower Upper
42 100
72 34.2 46.3 69.5#
71 28.5 44.0 66.0#



#31
Cyclohexane
Concen: 1.624 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067524.D
Acq: 04 Nov 2020 17:00

Tgt Ion: 56 Resp: 5846
Ion Ratio Lower Upper
56 100
69 167.9 25.9 38.9#
84 119.7 76.2 114.4#

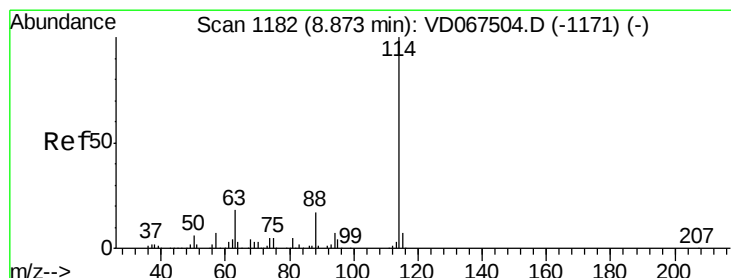
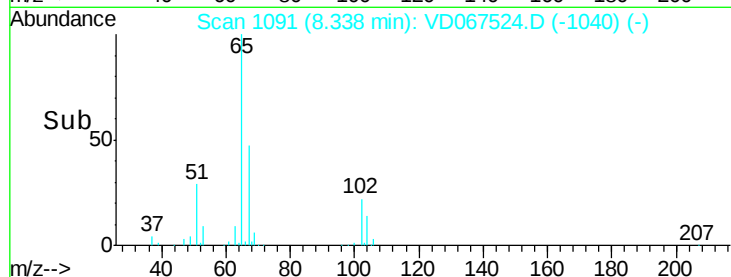
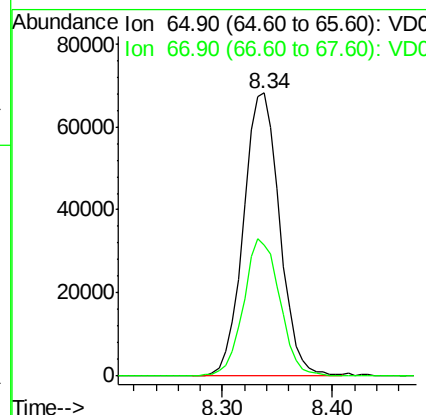
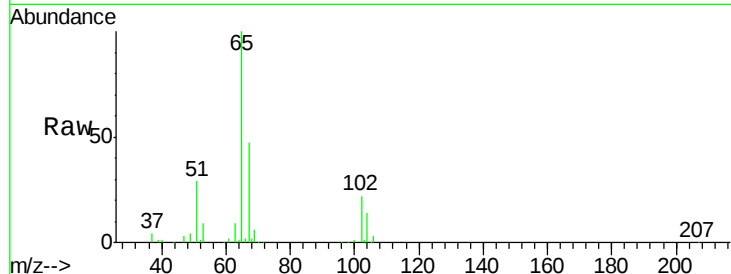




#33
 1,2-Dichloroethane-d4
 Concen: 63.191 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067524.D
 Acq: 04 Nov 2020 17:00

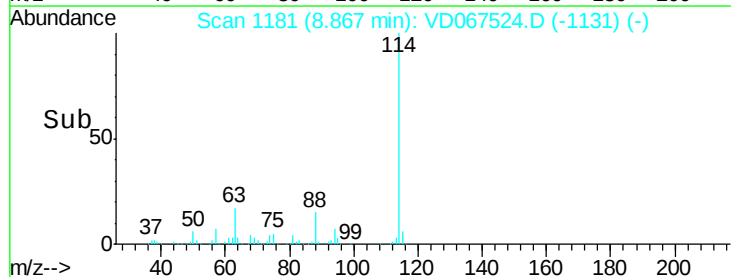
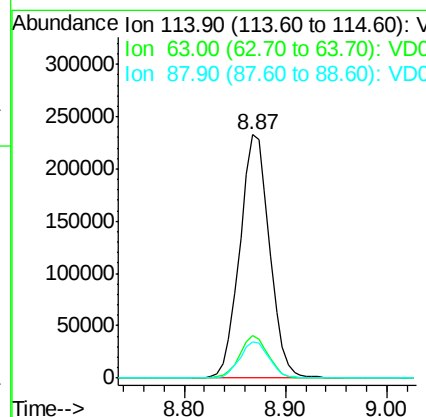
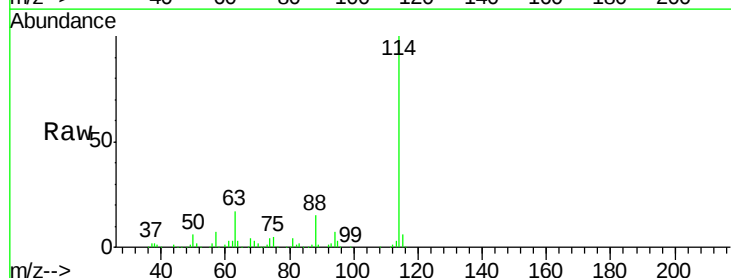
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B7-110220-DP

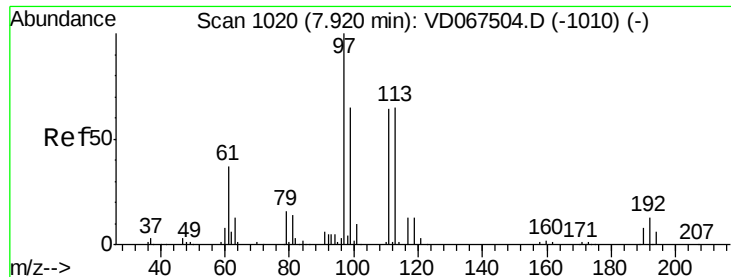
Tot Ion: 65 Resp: 156833
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067524.D
 Acq: 04 Nov 2020 17:00

Tgt Ion: 114 Resp: 474883
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.0
 88 14.8 0.0 33.0

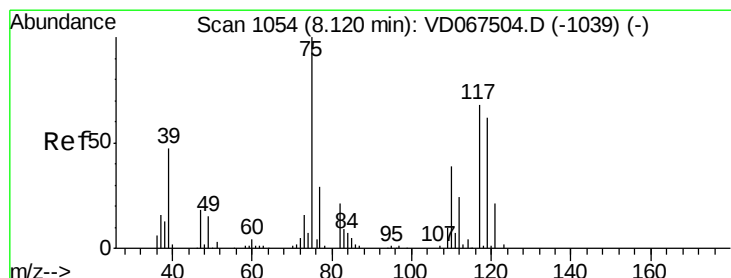
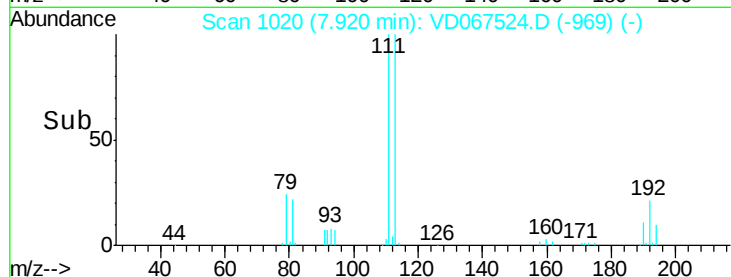
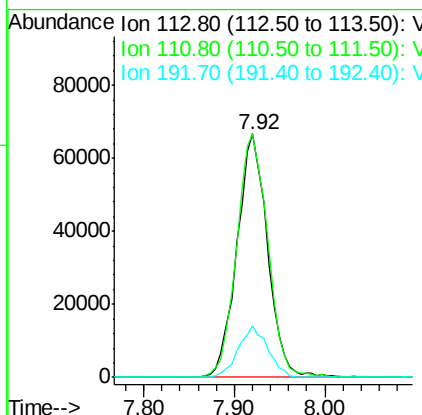
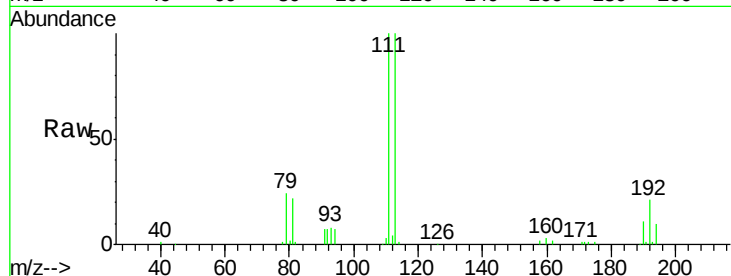




#35
 Dibromofluoromethane
 Concen: 54.452 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067524.D
 Acq: 04 Nov 2020 17:00

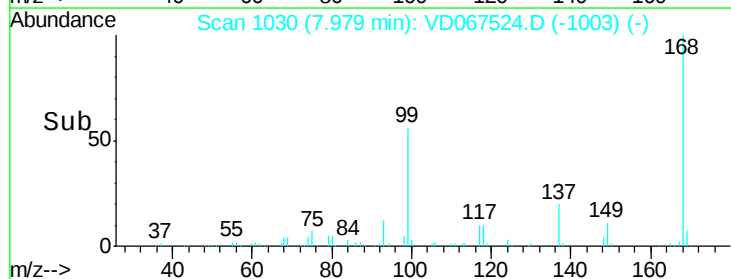
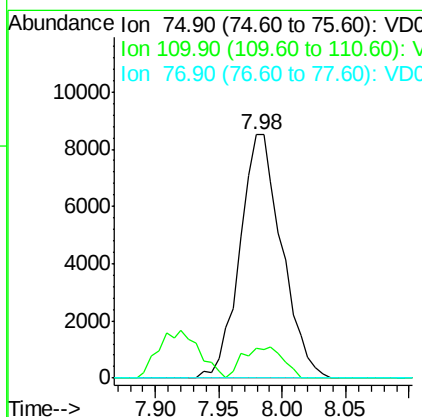
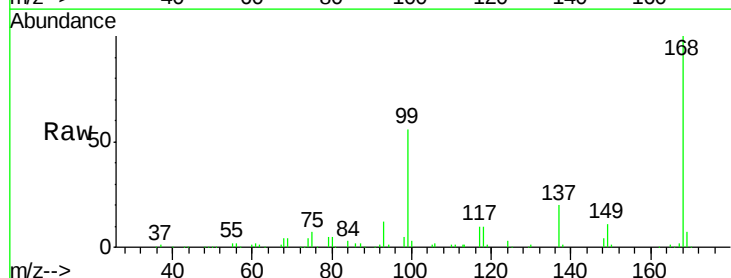
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B7-110220-DP

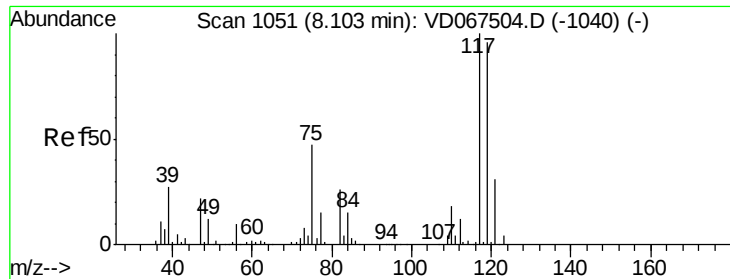
Tot Ion:113 Resp: 155797
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.0 120.0
 192 20.5 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 4.805 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067524.D
 Acq: 04 Nov 2020 17:00

Tgt Ion: 75 Resp: 19532
 Ion Ratio Lower Upper
 75 100
 110 12.2 19.9 59.7#
 77 0.0 24.8 37.2#

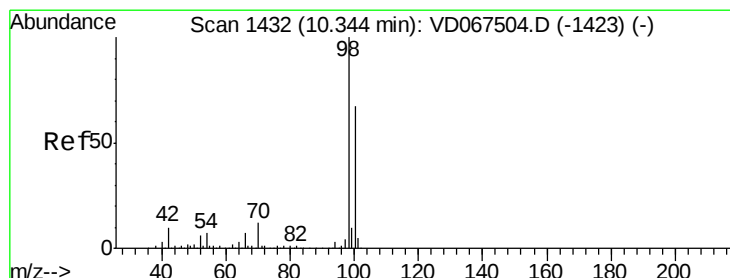
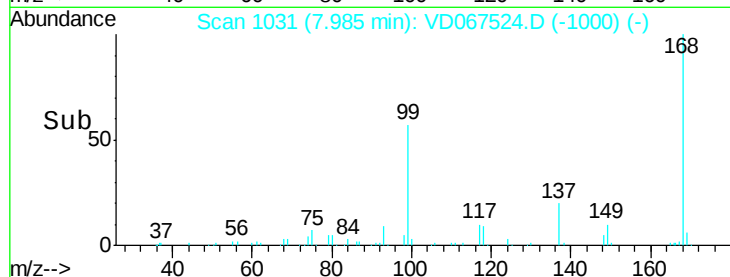
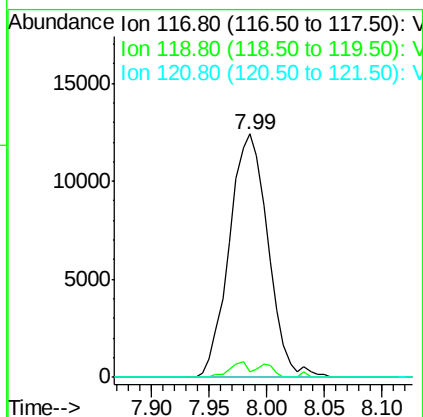
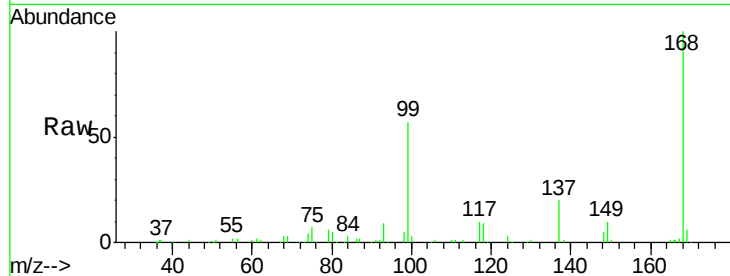




#38
Carbon Tetrachloride
Concen: 5.475 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067524.D
Acq: 04 Nov 2020 17:00

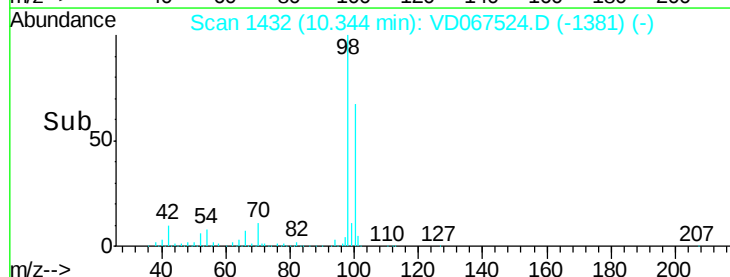
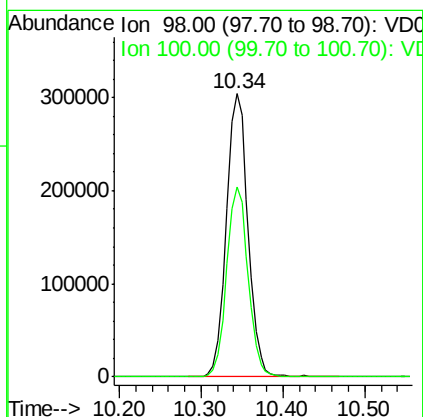
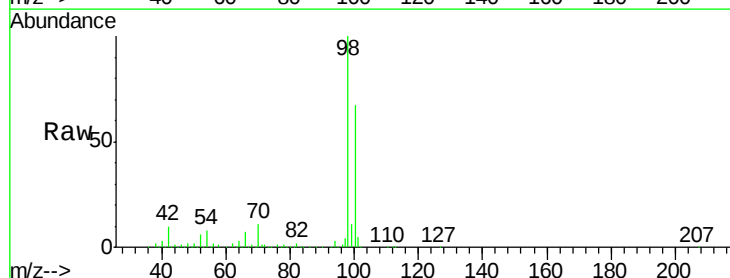
Instrument :
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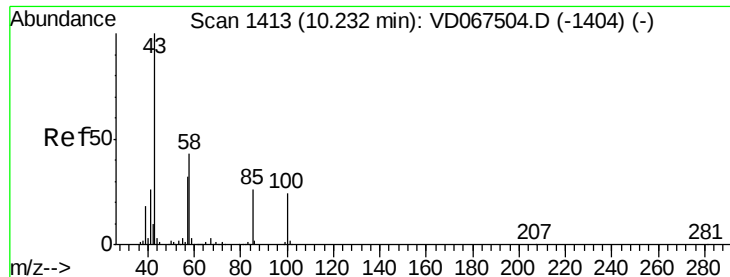
Tot Ion:117 Resp: 28916
Ion Ratio Lower Upper
117 100
119 2.2 76.9 115.3#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 55.611 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067524.D
Acq: 04 Nov 2020 17:00

Tgt Ion: 98 Resp: 559152
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 2.268 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.12 min

Lab File: VD067524.D

Acq: 04 Nov 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

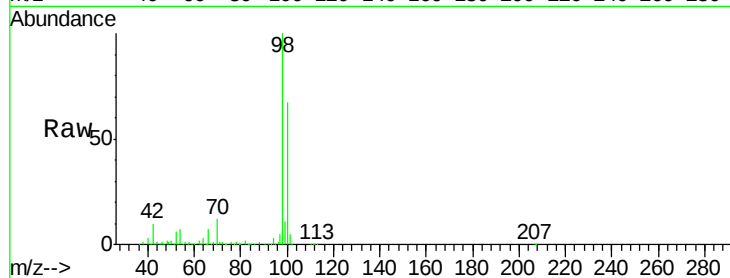
PAV-B7-110220-DP

Tot Ion: 43 Resp: 2264

Ion Ratio Lower Upper

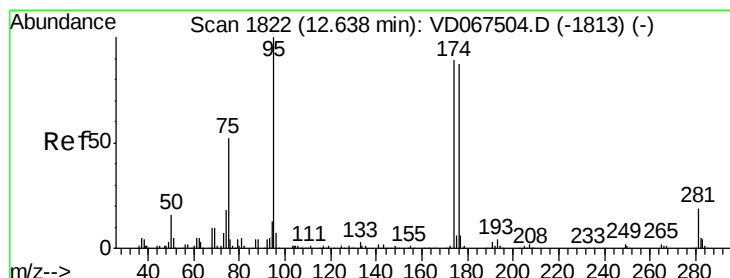
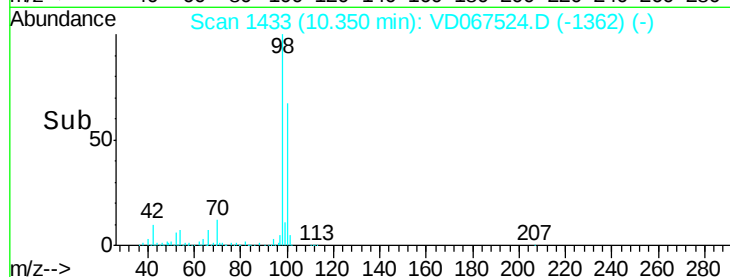
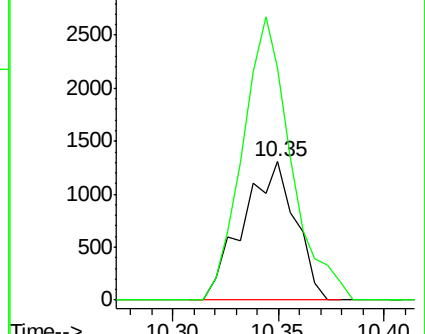
43 100

58 188.3 35.6 53.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 60.011 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067524.D

Acq: 04 Nov 2020 17:00

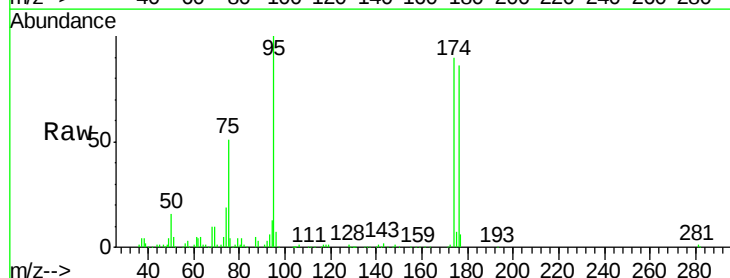
Tgt Ion: 95 Resp: 208321

Ion Ratio Lower Upper

95 100

174 90.9 0.0 177.8

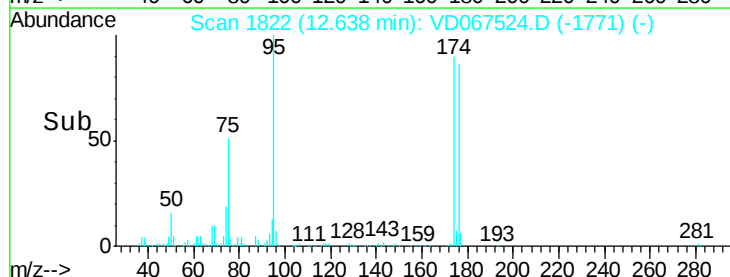
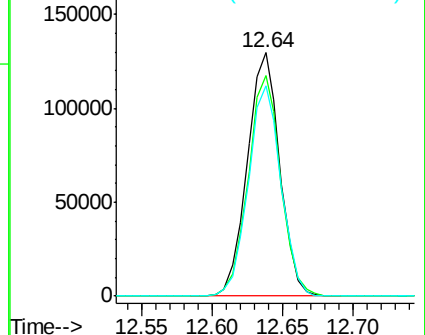
176 87.4 0.0 172.0

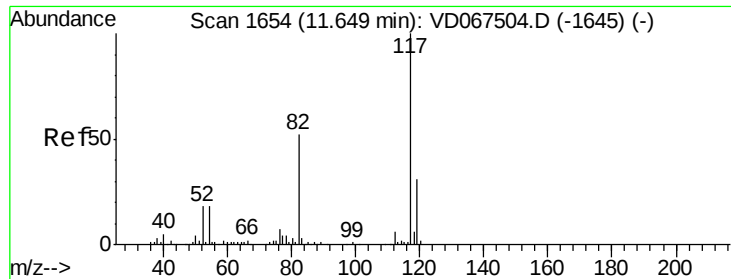


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

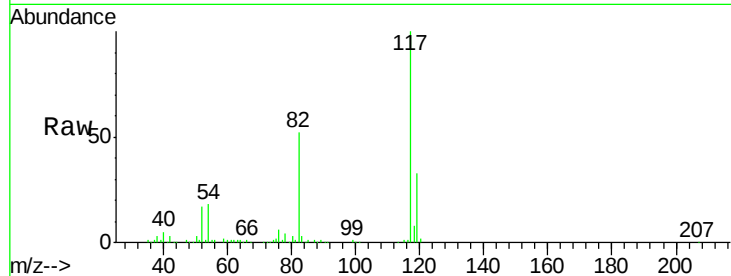




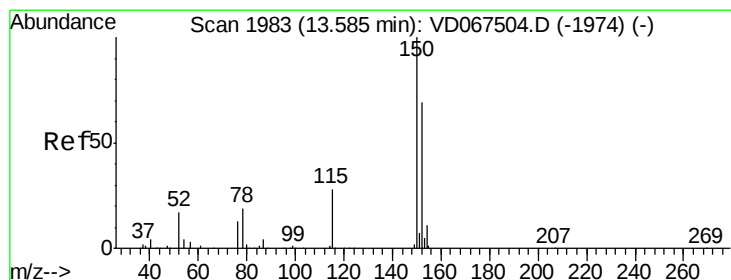
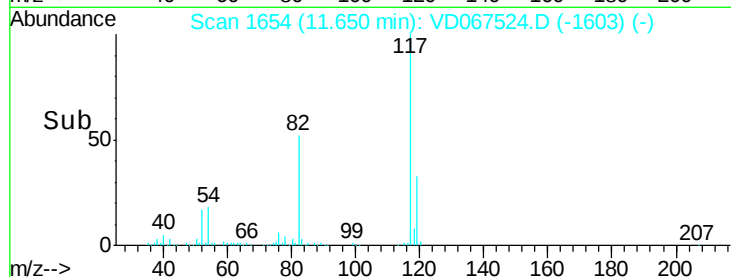
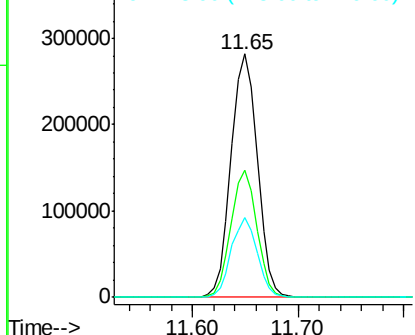
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067524.D
Acq: 04 Nov 2020 17:00

Instrument :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.6	62.4
119	32.8	25.1	37.7

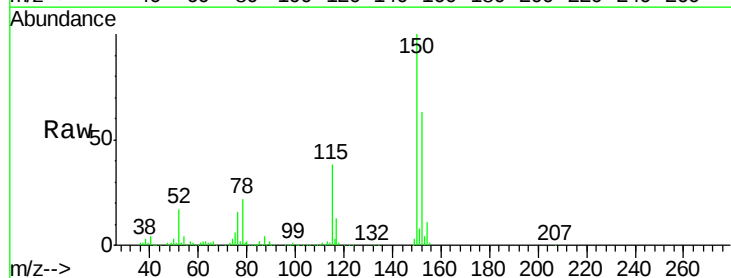


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

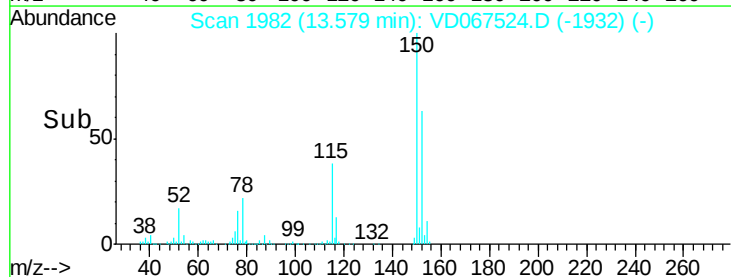
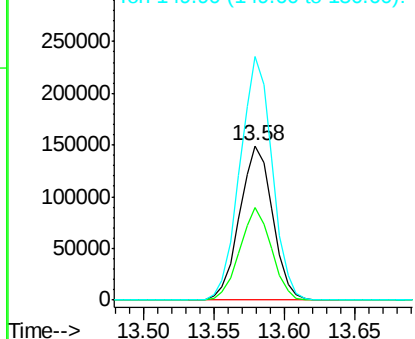


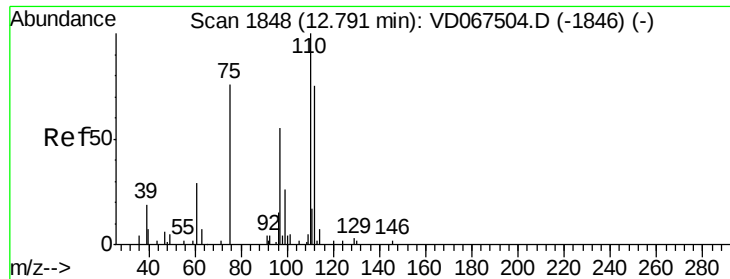
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067524.D
Acq: 04 Nov 2020 17:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.3	88.0
150	154.7	0.0	338.2



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: 72.620 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067524.D

Acq: 04 Nov 2020 17:00

Instrument :

MSVOA_D

ClientSampleId :

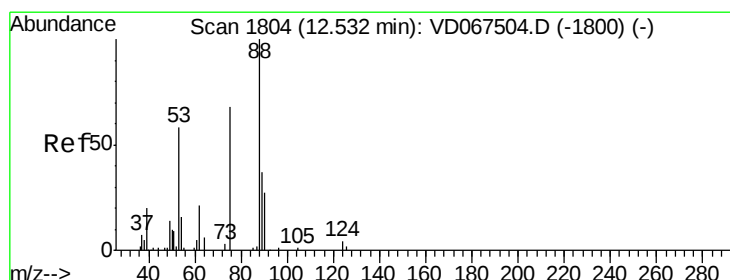
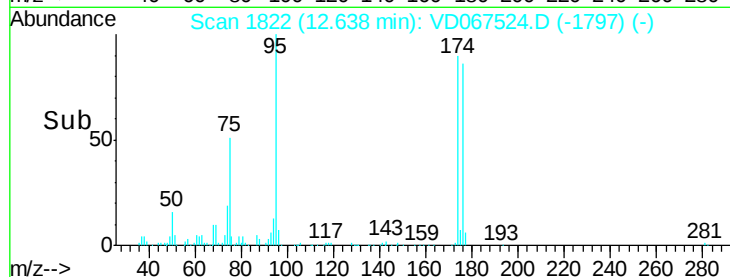
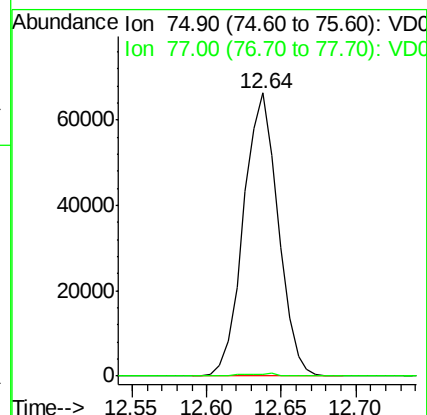
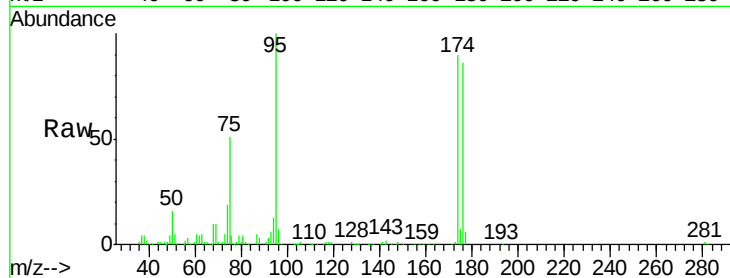
PAV-B7-110220-DP

Tot Ion: 75 Resp: 106521

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 147.437 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067524.D

Acq: 04 Nov 2020 17:00

Tgt Ion: 75 Resp: 106521

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

