

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067724.D
 Acq On : 20 Nov 2020 14:58
 Operator : VA/SY
 Sample : L4809-07
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 00:39:44 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

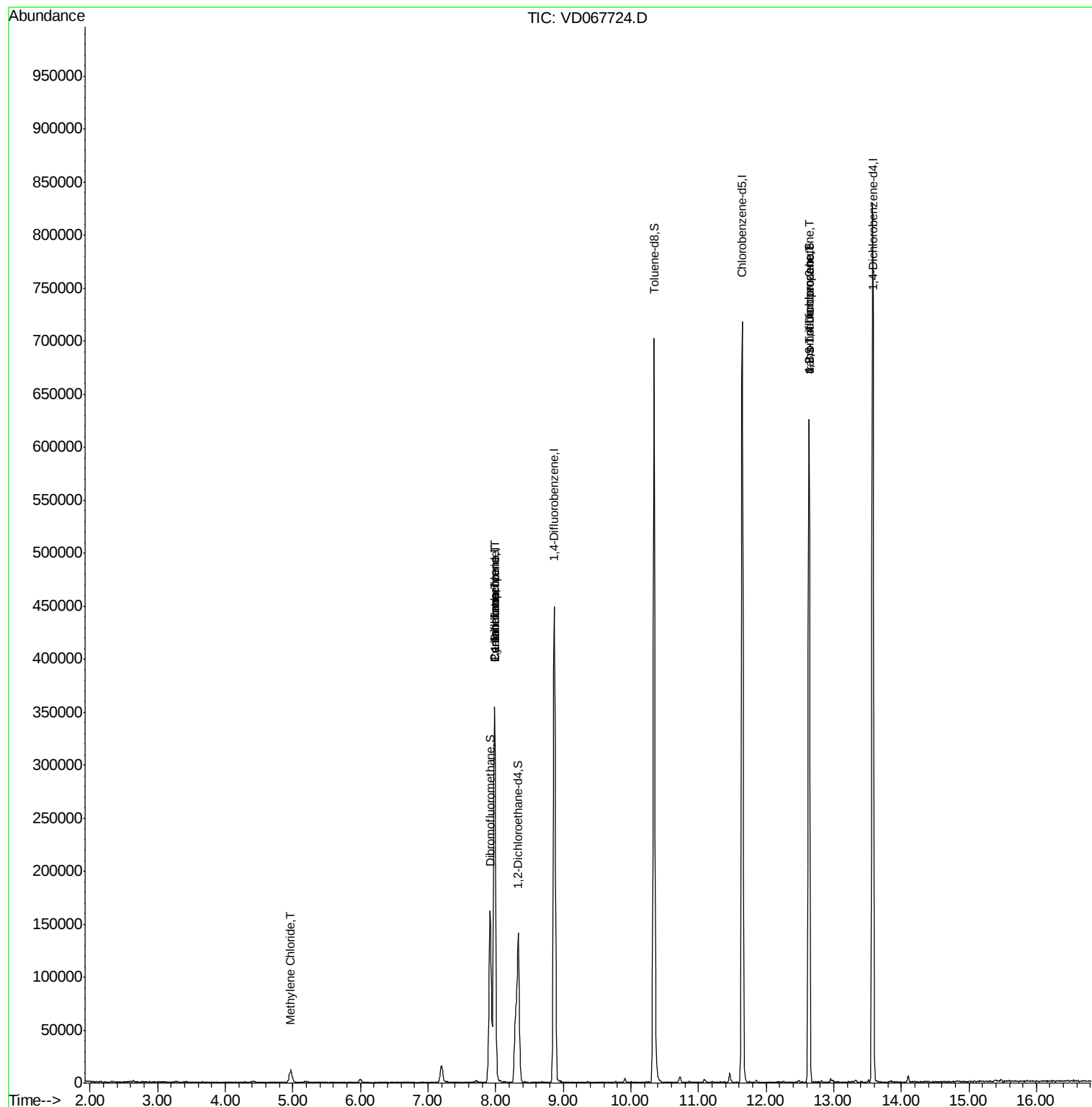
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	261468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	407431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	439076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117226	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
35) Dibromofluoromethane	7.92	113	113885	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
50) Toluene-d8	10.34	98	477296	55.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.66%	
62) 4-Bromofluorobenzene	12.64	95	193136	64.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	434	Below Cal	#	44
11) Tert butyl alcohol	5.22	59	195	Below Cal	#	79
20) Methylene Chloride	4.97	84	10196	4.219	ug/l #	77
31) Cyclohexane	7.98	56	5394	1.627	ug/l #	26
36) 1,1-Dichloropropene	7.98	75	18026	5.169	ug/l #	51
38) Carbon Tetrachloride	7.98	117	27165	5.995	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	106423	76.303	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	106423	154.915	ug/l #	10

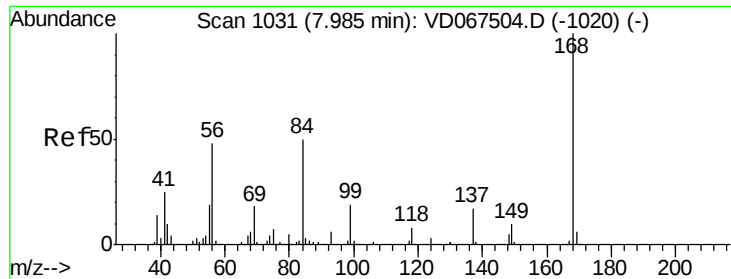
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067724.D

Acq: 20 Nov 2020 14:58

Instrument :

MSVOA_D

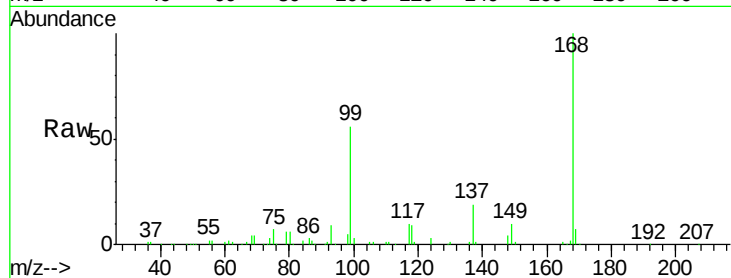
ClientSampleId :

Tot Ion:168 Resp: 261468

Ion Ratio Lower Upper

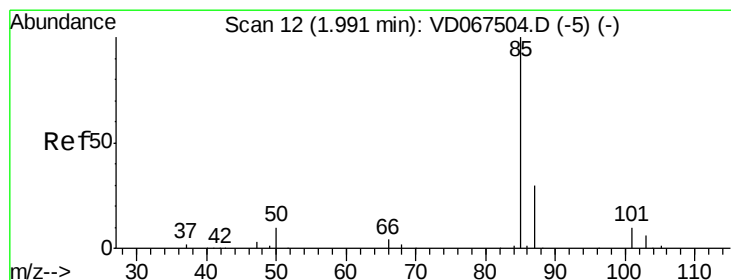
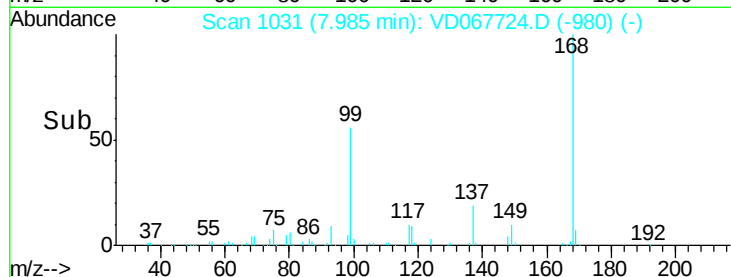
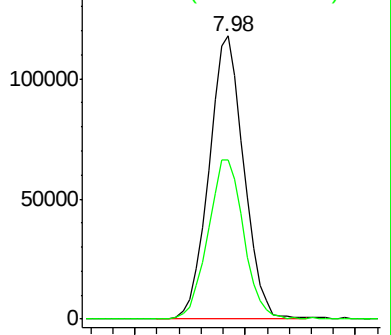
168 100

99 56.4 45.0 67.6



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# 12

Delta R.T. -0.00 min

Lab File: VD067724.D

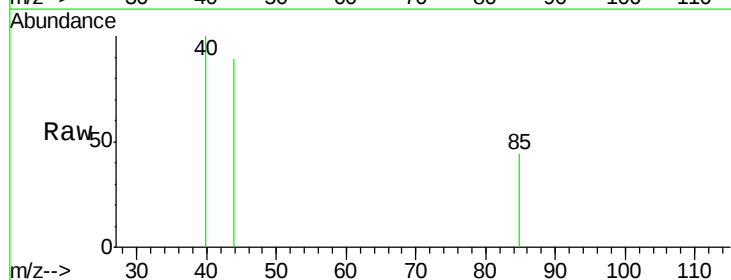
Acq: 20 Nov 2020 14:58

Tgt Ion: 85 Resp: 434

Ion Ratio Lower Upper

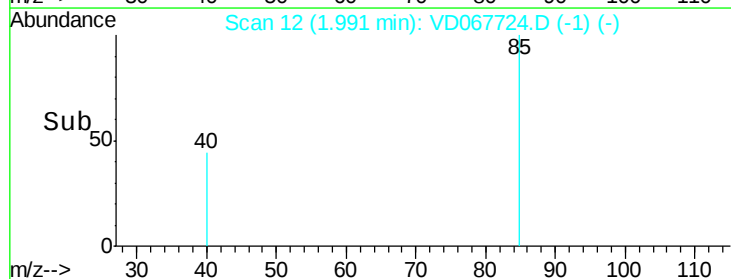
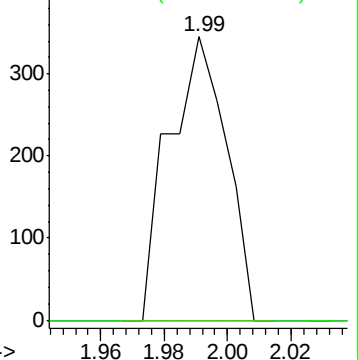
85 100

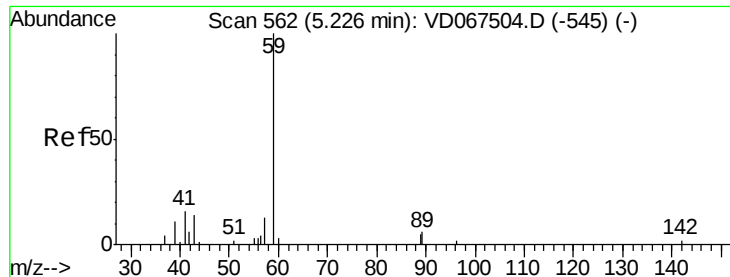
87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

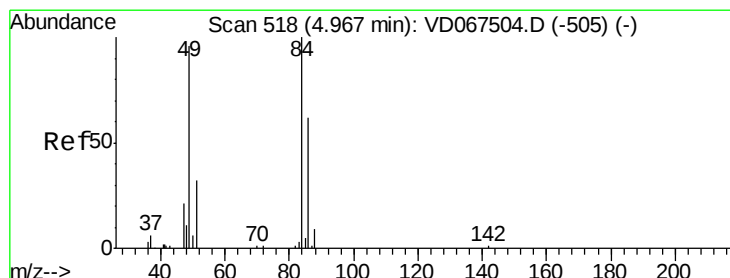
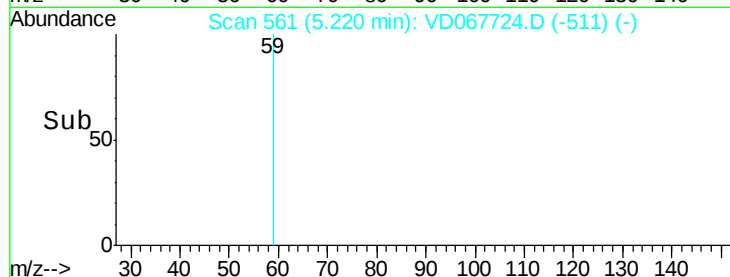
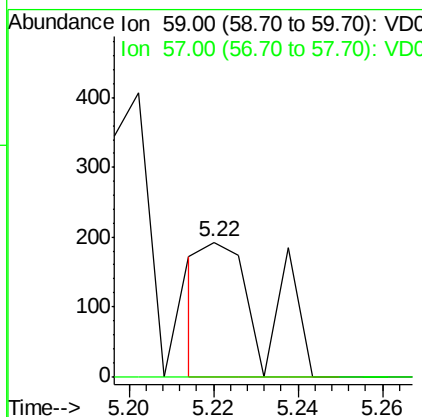
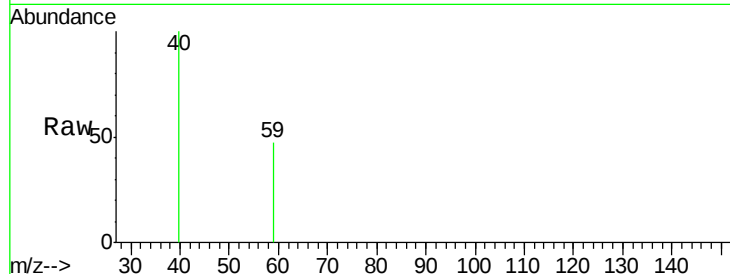




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD067724.D
Acq: 20 Nov 2020 14:58

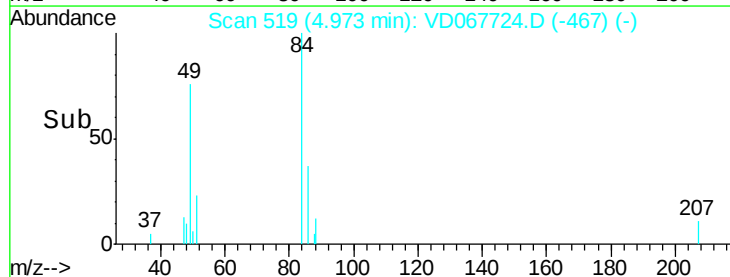
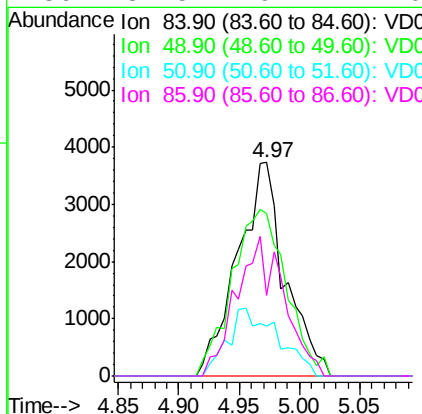
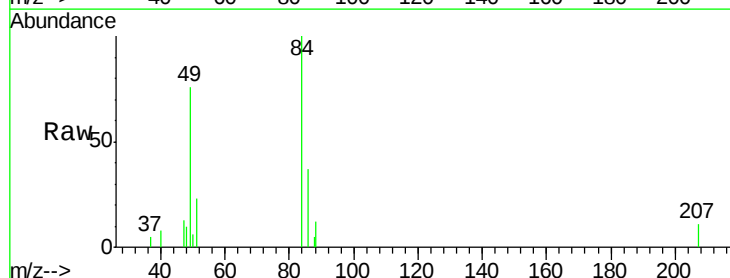
Instrument :
MSVOA_D
ClientSampleID :

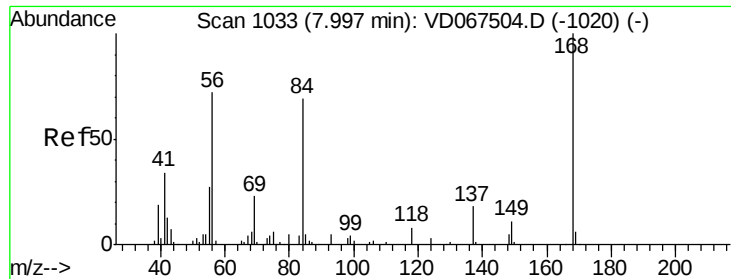
Tot Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#



#20
Methylene Chloride
Concen: 4.219 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067724.D
Acq: 20 Nov 2020 14:58

Tgt Ion: 84 Resp: 10196
Ion Ratio Lower Upper
84 100
49 76.1 77.0 115.4#
51 23.3 25.4 38.2#
86 37.5 49.4 74.0#

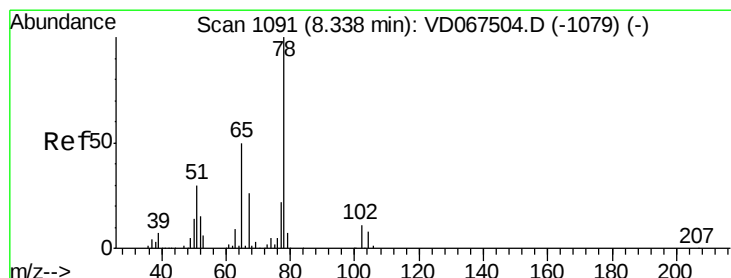
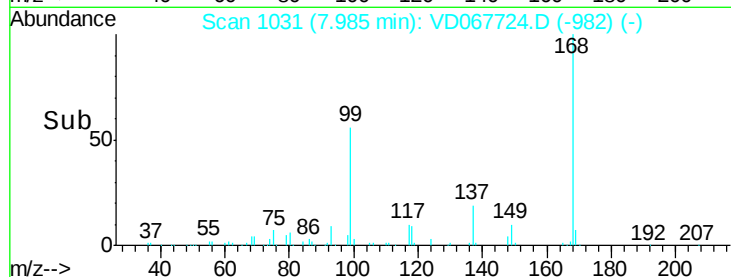
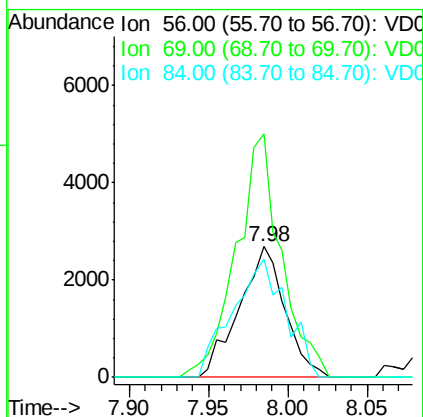
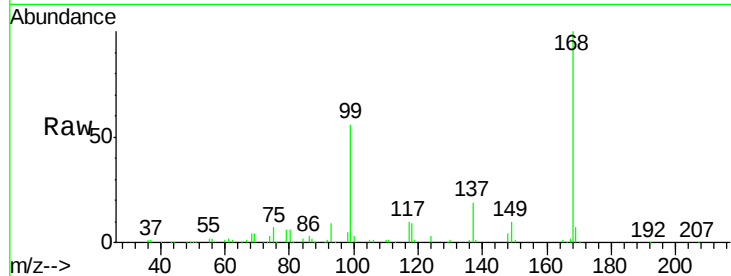




#31
Cyclohexane
Concen: 1.627 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067724.D
Acq: 20 Nov 2020 14:58

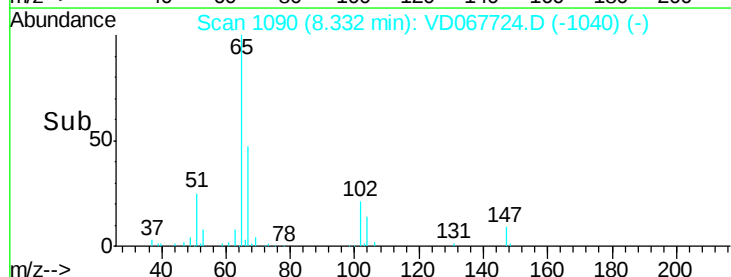
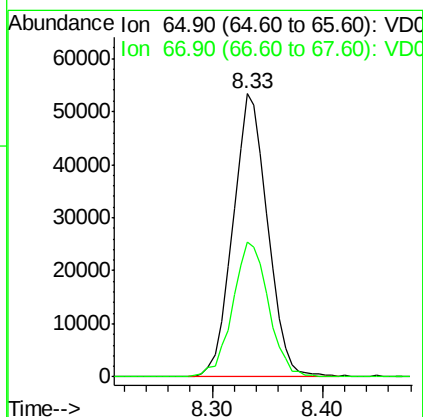
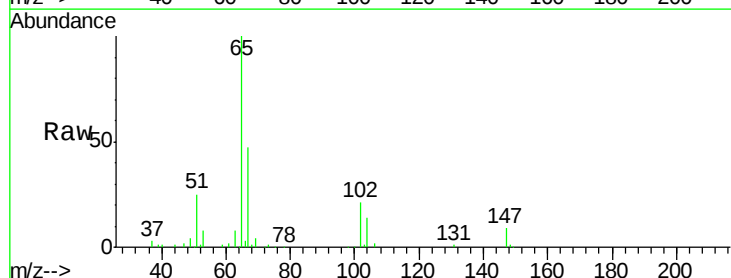
Instrument :
MSVOA_D
ClientSampled :

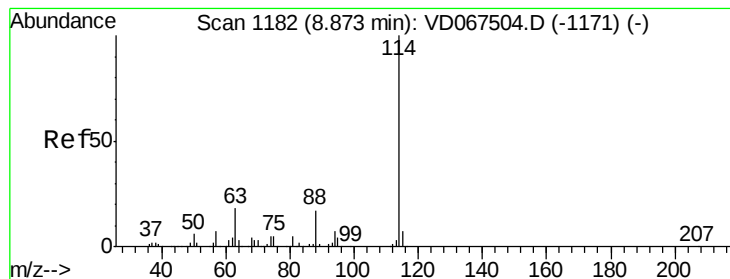
Tot Ion: 56 Resp: 5394
Ion Ratio Lower Upper
56 100
69 186.4 25.9 38.9#
84 90.2 76.2 114.4



#33
1,2-Dichloroethane-d4
Concen: 51.274 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067724.D
Acq: 20 Nov 2020 14:58

Tgt Ion: 65 Resp: 117226
Ion Ratio Lower Upper
65 100
67 49.5 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: VD067724.D

Acq: 20 Nov 2020 14:58

Instrument :

MSVOA_D

ClientSampleId :

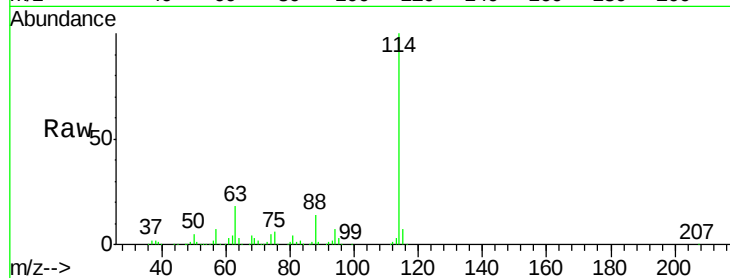
Tot Ion:114 Resp: 407431

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

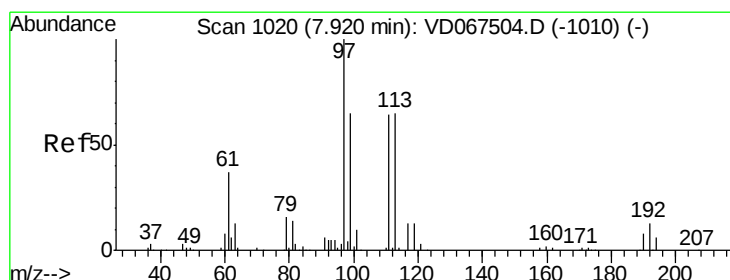
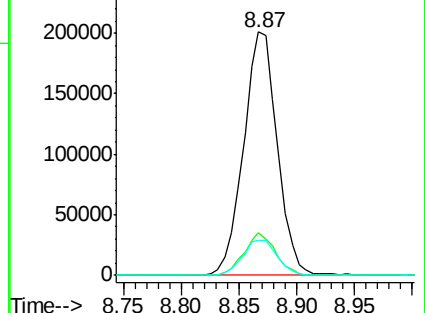
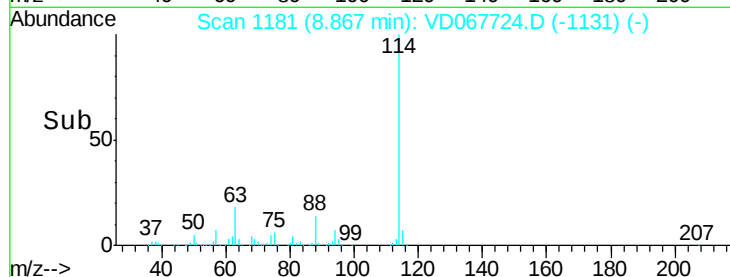
88 14.3 0.0 33.0



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: 46.394 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067724.D

Acq: 20 Nov 2020 14:58

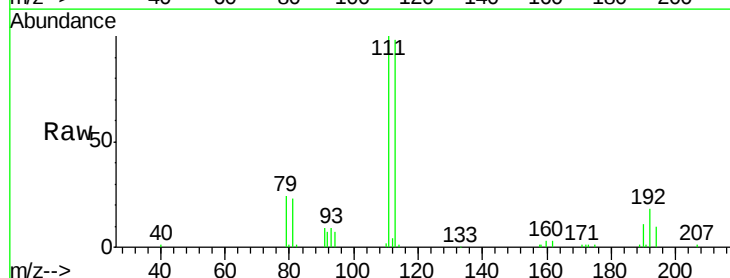
Tgt Ion:113 Resp: 113885

Ion Ratio Lower Upper

113 100

111 105.6 80.0 120.0

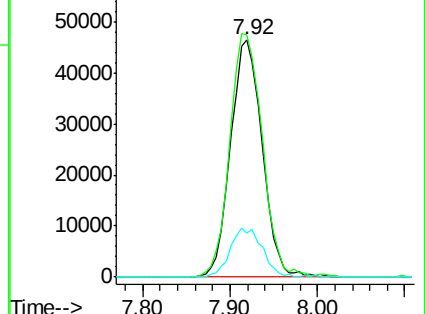
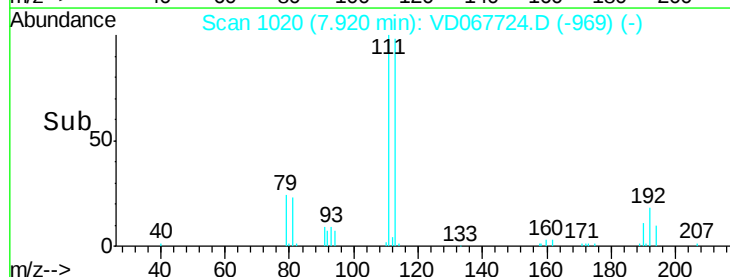
192 21.0 16.3 24.5

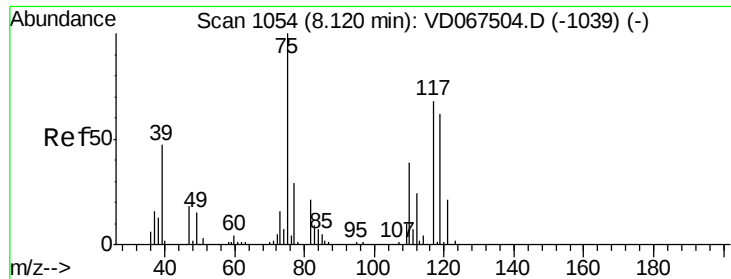


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

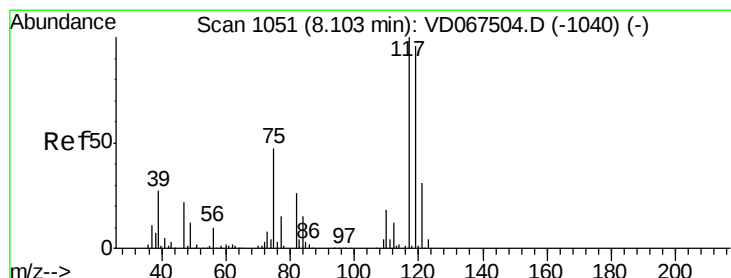
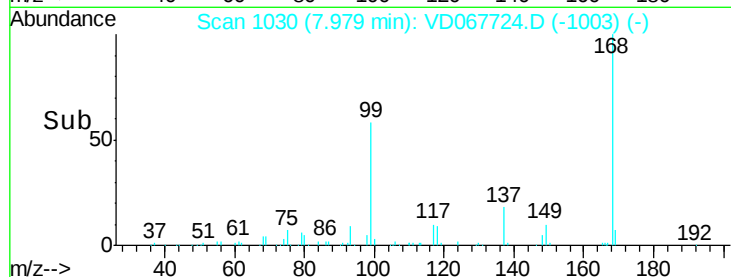
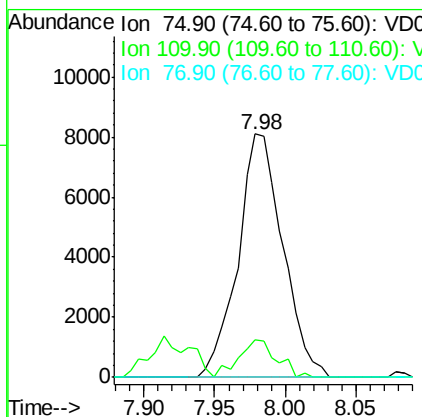
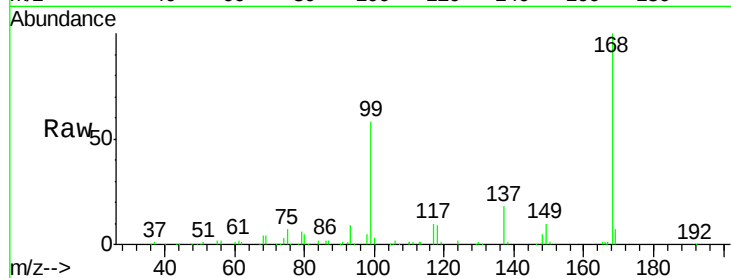




#36
 1,1-Dichloropropene
 Concen: 5.169 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067724.D
 Acq: 20 Nov 2020 14:58

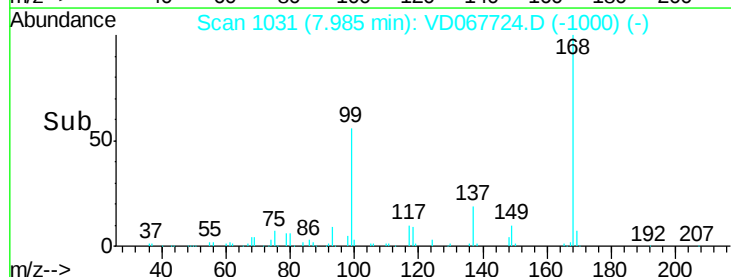
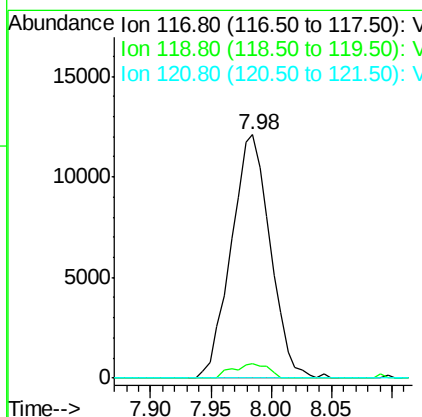
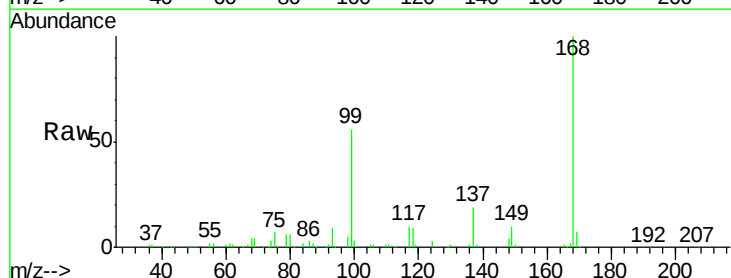
Instrument :
 MSVOA_D
 ClientSampled :

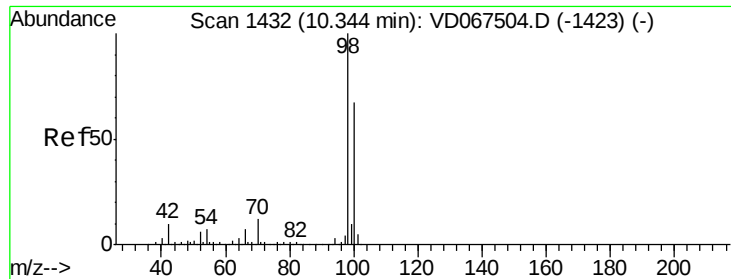
Tot Ion: 75 Resp: 18026
 Ion Ratio Lower Upper
 75 100
 110 12.9 19.9 59.7#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.995 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD067724.D
 Acq: 20 Nov 2020 14:58

Tgt Ion: 117 Resp: 27165
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.9 115.3#
 121 0.0 24.5 36.7#

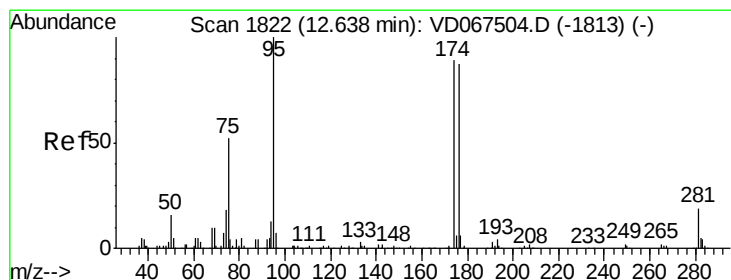
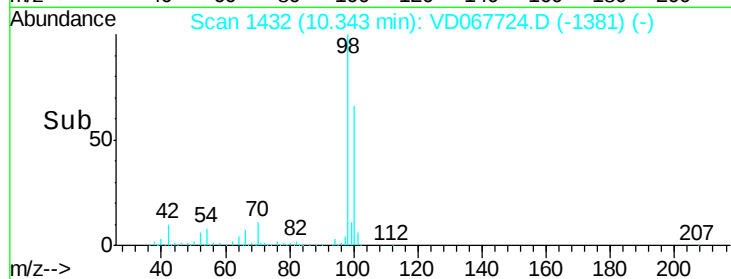
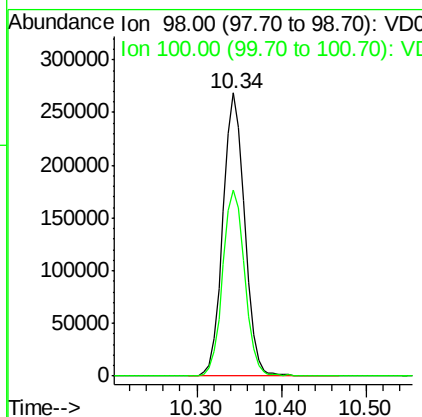
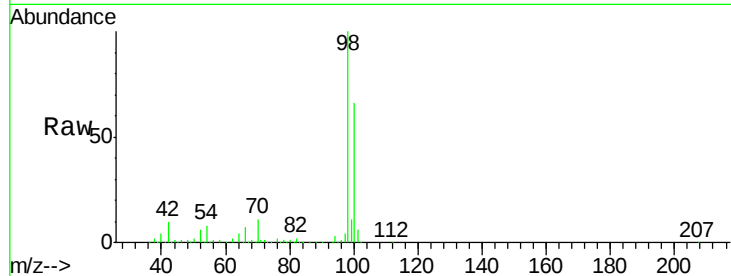




#50
Toluene-d8
Concen: 55.328 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067724.D
Acq: 20 Nov 2020 14:58

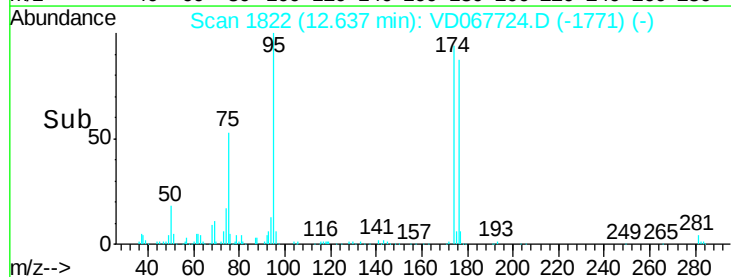
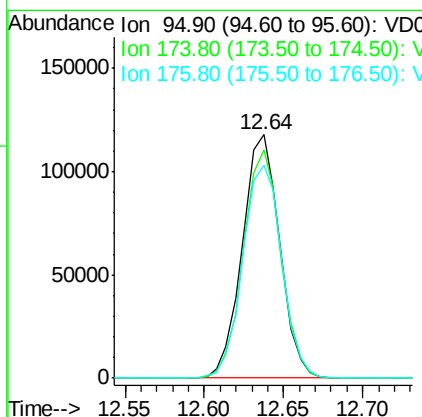
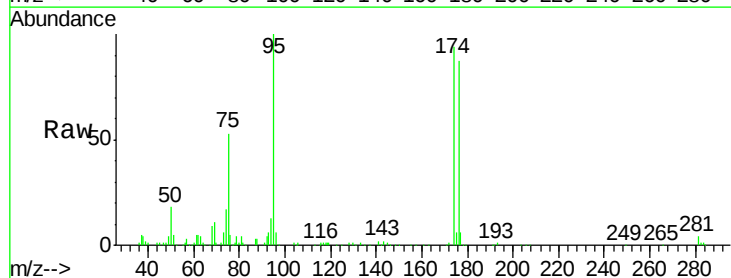
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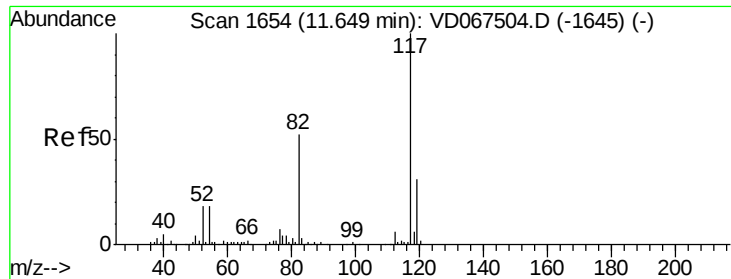
Tot Ion: 98 Resp: 477296
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 64.848 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067724.D
Acq: 20 Nov 2020 14:58

Tgt Ion: 95 Resp: 193136
Ion Ratio Lower Upper
95 100
174 93.7 0.0 177.8
176 91.2 0.0 172.0

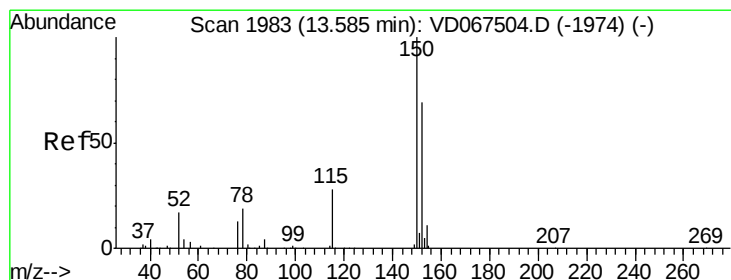
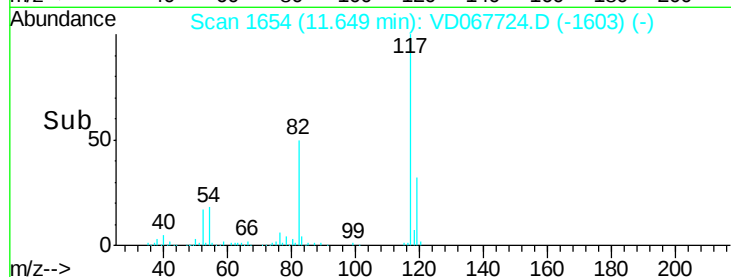
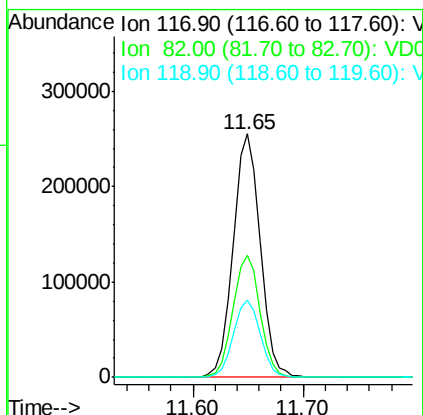
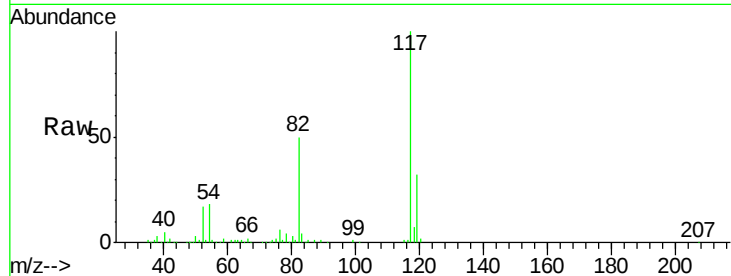




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067724.D
Acq: 20 Nov 2020 14:58

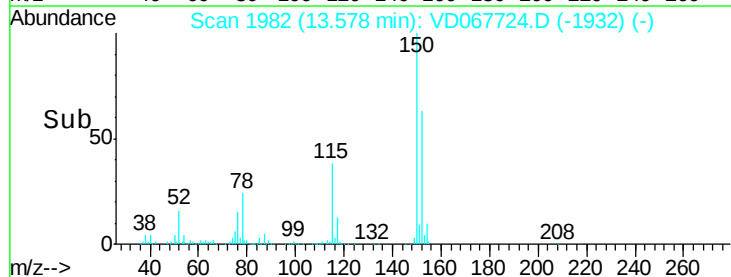
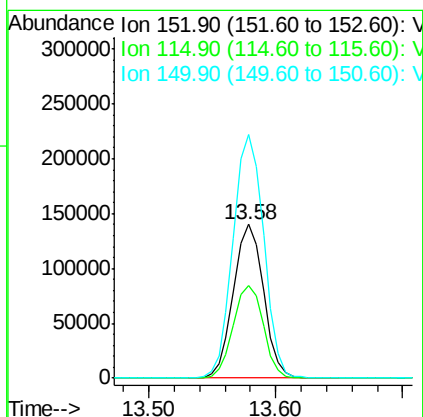
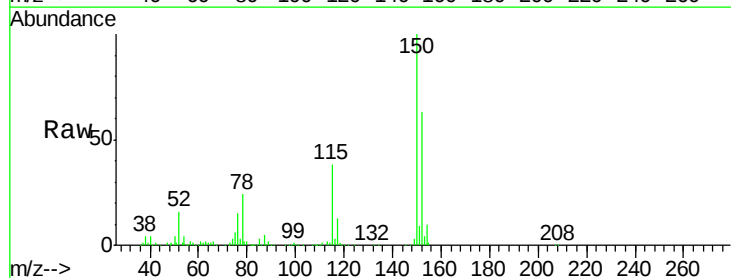
Instrument :
MSVOA_D
ClientSampleId :

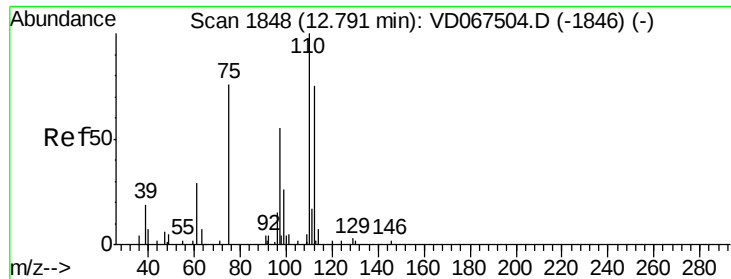
Tot Ion:117 Resp: 439076
Ion Ratio Lower Upper
117 100
82 50.2 41.6 62.4
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067724.D
Acq: 20 Nov 2020 14:58

Tgt Ion:152 Resp: 231203
Ion Ratio Lower Upper
152 100
115 60.0 29.3 88.0
150 160.9 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 76.303 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.16 min

Lab File: VD067724.D

Acq: 20 Nov 2020 14:58

Instrument :

MSVOA_D

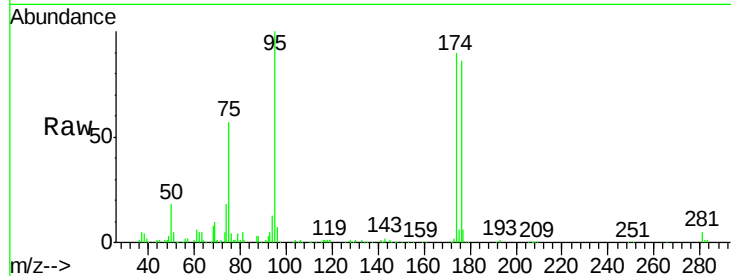
ClientSampleId :

Tot Ion: 75 Resp: 106423

Ion Ratio Lower Upper

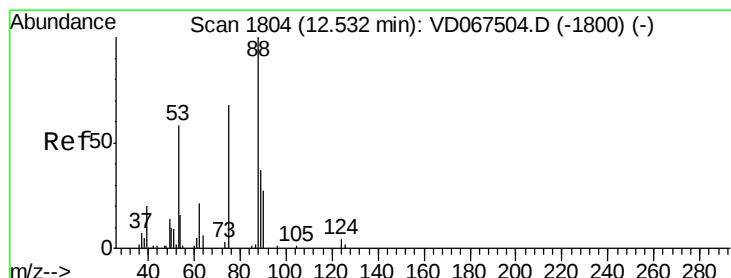
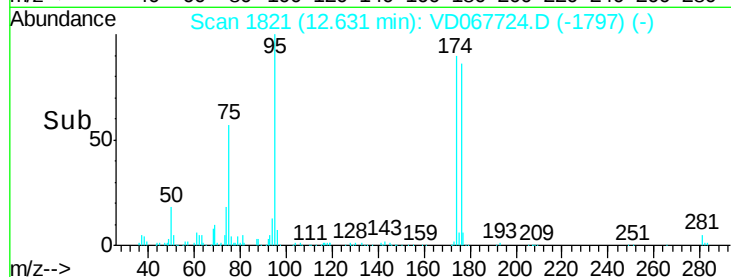
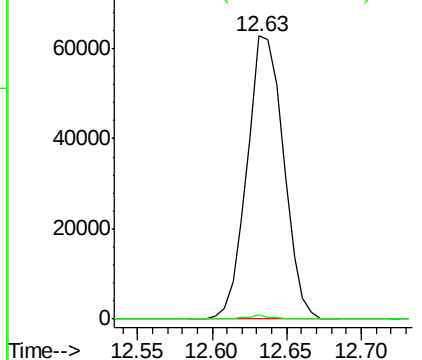
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 154.915 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD067724.D

Acq: 20 Nov 2020 14:58

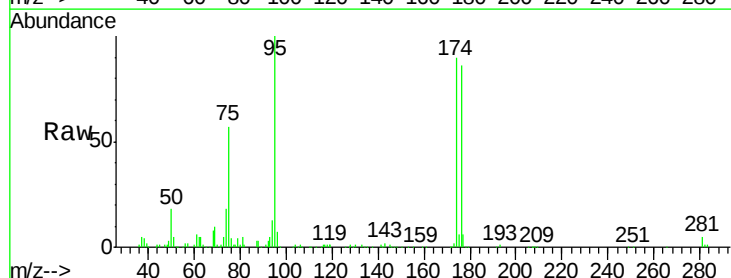
Tgt Ion: 75 Resp: 106423

Ion Ratio Lower Upper

75 100

53 0.1 75.9 113.9#

89 0.1 44.6 67.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

