

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067578.D
 Acq On : 10 Nov 2020 13:16
 Operator : VA/SY
 Sample : L4594-01
 Misc : 6.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-110920

Quant Time: Nov 11 00:04:33 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	7.98	168	105665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	168127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	186931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	101604	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	74206	80.32	ug/l	0.00
Spiked Amount			Recovery	=	160.64%	
35) Dibromofluoromethane	7.92	113	63183	62.37	ug/l	0.00
Spiked Amount			Recovery	=	124.74%	
50) Toluene-d8	10.34	98	204476	57.44	ug/l	0.00
Spiked Amount			Recovery	=	114.88%	
62) 4-Bromofluorobenzene	12.64	95	80632	65.61	ug/l	0.00
Spiked Amount			Recovery	=	131.22%	

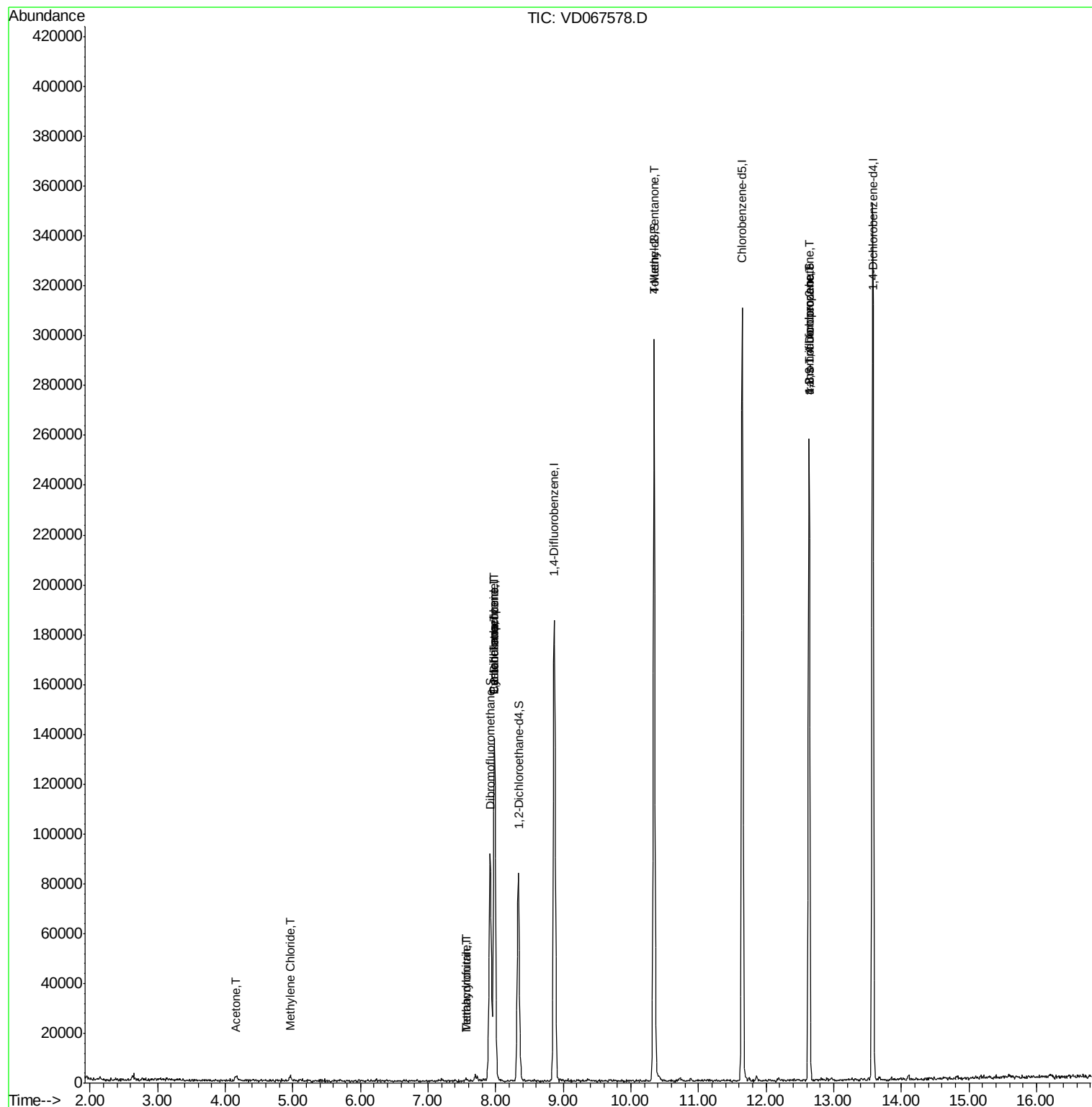
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	119	Below Cal	#	44
11) Tert butyl alcohol	5.18	59	111	Below Cal	#	79
16) Acetone	4.16	43	1837	13.287	ug/l #	85
20) Methylene Chloride	4.96	84	1546	1.583	ug/l #	62
29) Tetrahydrofuran	7.56	42	936	10.577	ug/l #	45
31) Cyclohexane	7.98	56	2105	1.571	ug/l #	40
36) 1,1-Dichloropropene	7.98	75	7314	5.082	ug/l #	48
38) Carbon Tetrachloride	7.98	117	10666	5.704	ug/l #	17
41) Methacrylonitrile	7.57	41	274	1.227	ug/l #	13
51) 4-Methyl-2-Pentanone	10.34	43	686	1.941	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	42753	69.752	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	42753	141.614	ug/l #	10

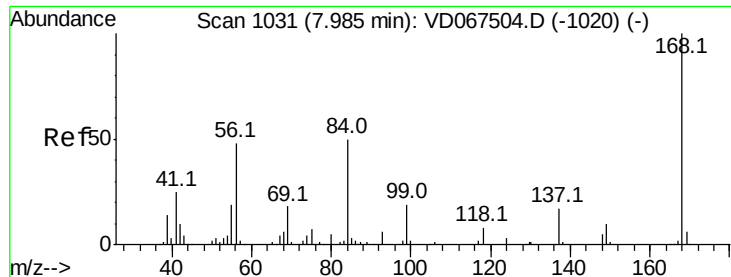
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067578.D

Acq: 10 Nov 2020 13:16

Instrument :

MSVOA_D

ClientSampleId :

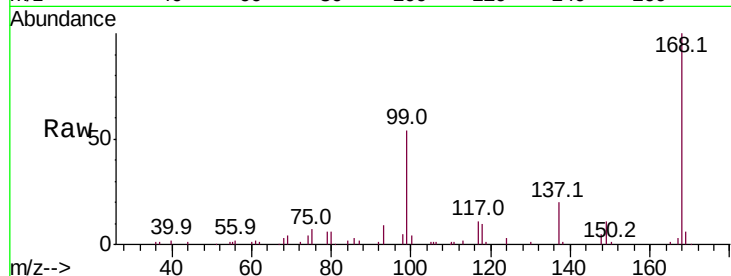
OR-03-110920

Tot Ion:168 Resp: 105665

Ion Ratio Lower Upper

168 100

99 53.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

50000

40000

30000

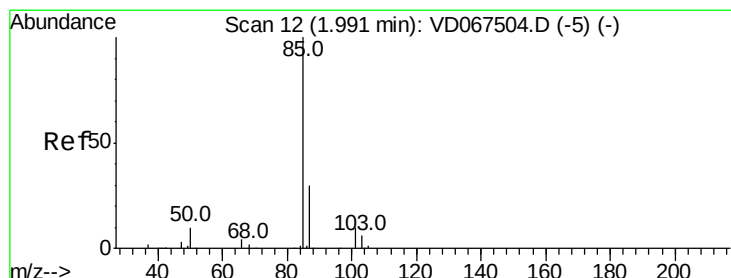
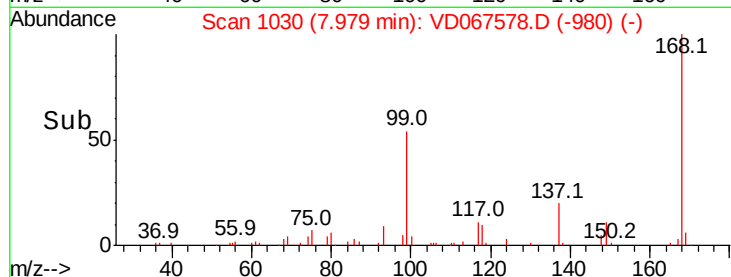
20000

10000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067578.D

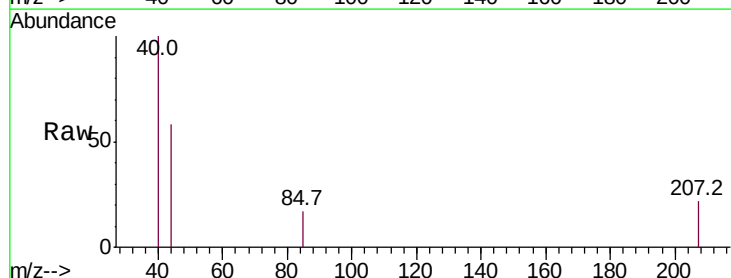
Acq: 10 Nov 2020 13:16

Tgt Ion: 85 Resp: 119

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

1.99

200

150

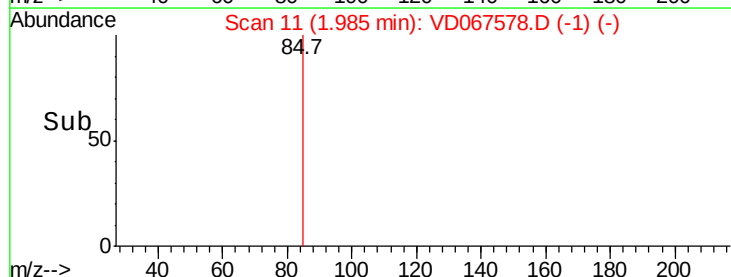
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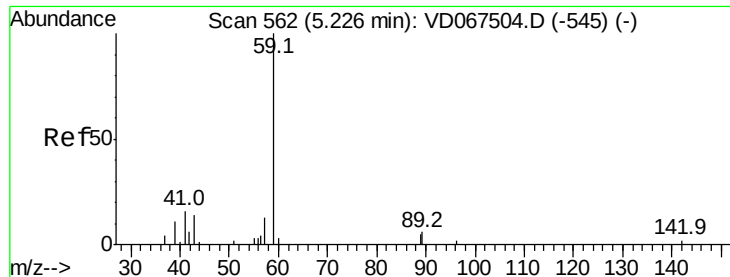
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0

Time-->

1.96 1.98 2.00

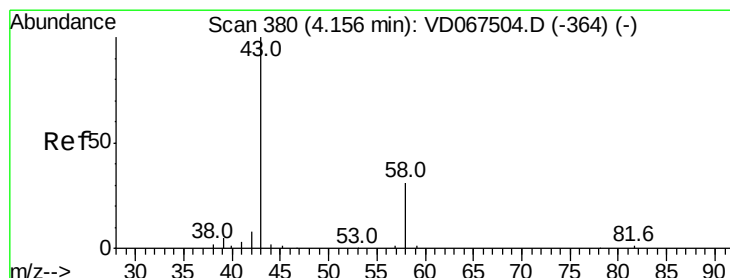
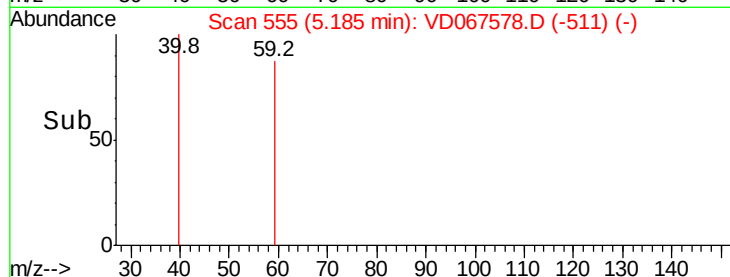
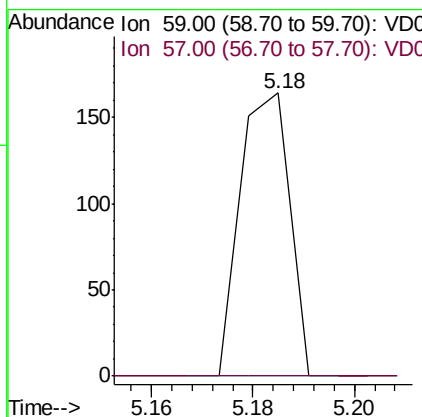
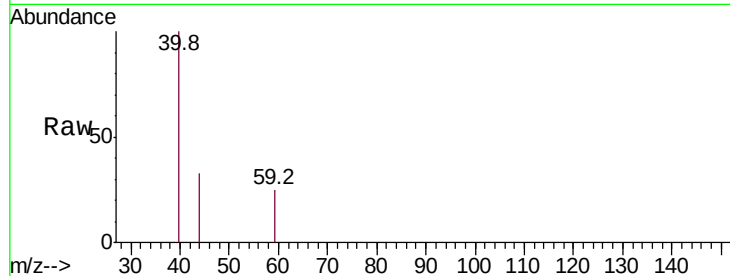




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.18 min Scan# 555
Delta R.T. -0.04 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

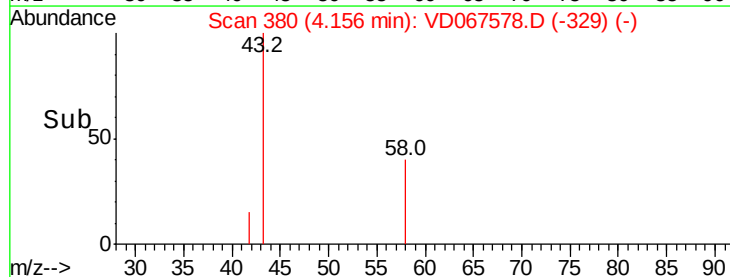
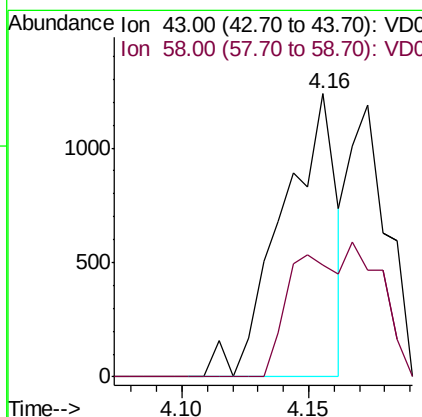
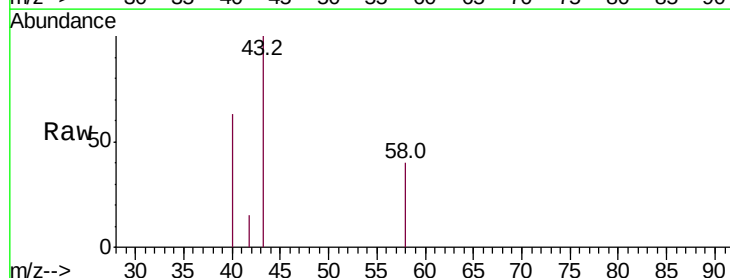
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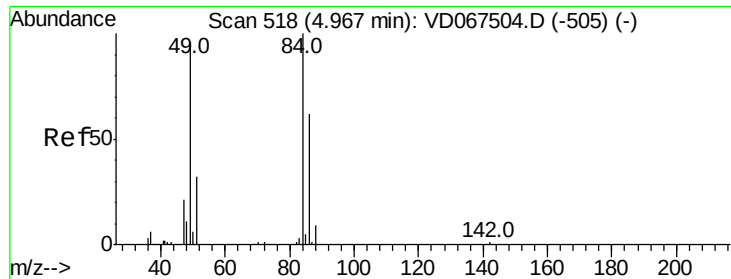
Tot Ion: 59 Resp: 111
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#



#16
Acetone
Concen: 13.287 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

Tgt Ion: 43 Resp: 1837
Ion Ratio Lower Upper
43 100
58 39.5 25.2 37.8#

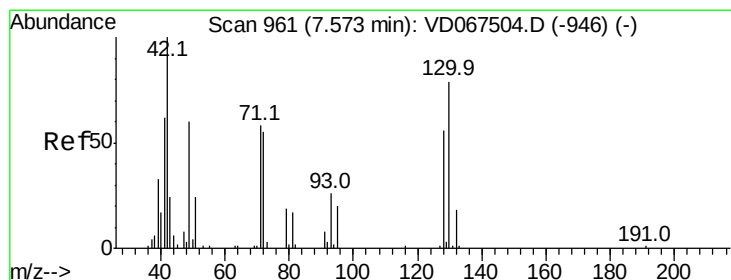
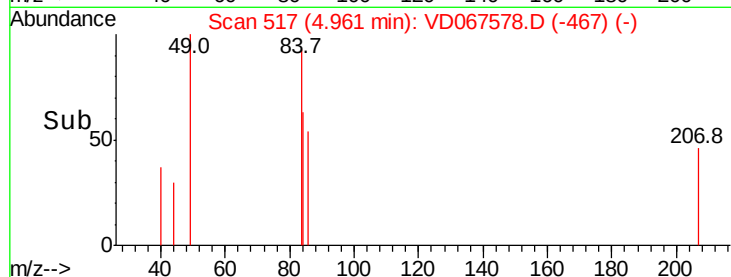
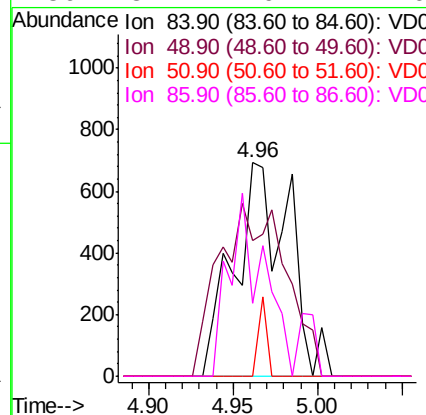
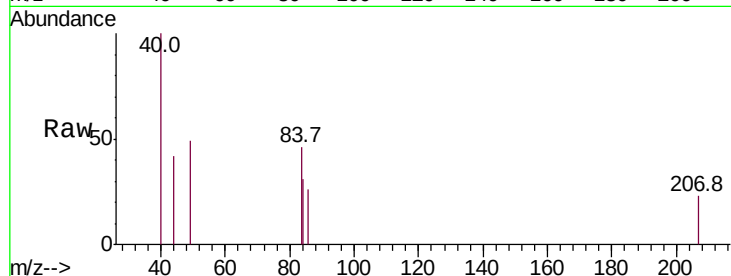




#20
Methvlene Chloride
Concen: 1.583 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

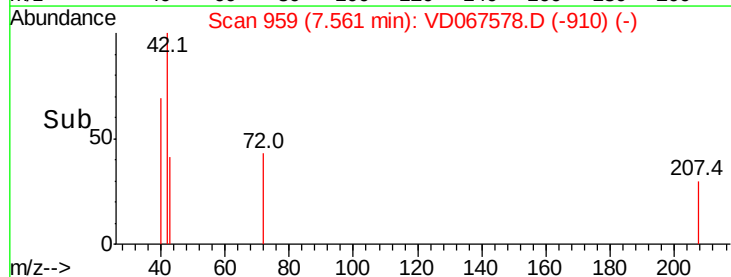
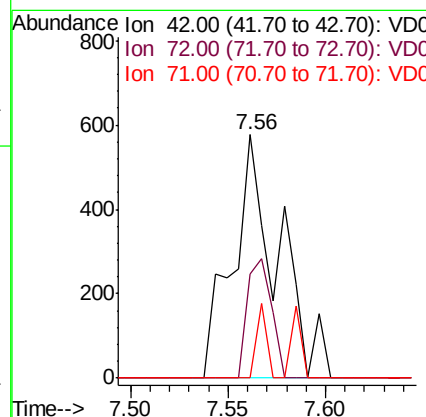
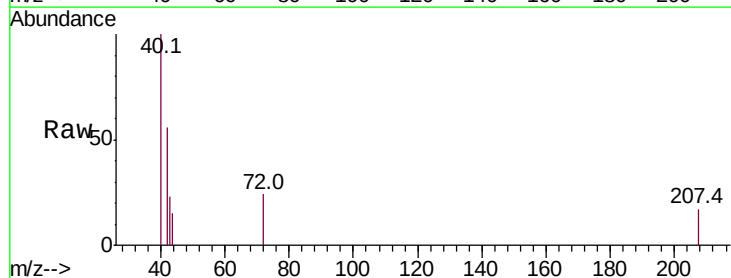
Instrument :
MSVOA_D
ClientSampleId :
OR-03-110920

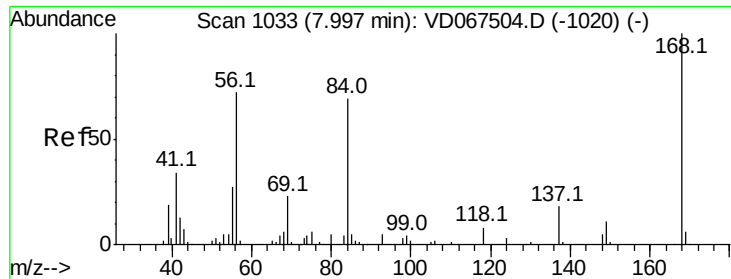
Tot Ion: 84 Resp: 1546
Ion Ratio Lower Upper
84 100
49 63.8 77.0 115.4#
51 0.0 25.4 38.2#
86 34.2 49.4 74.0#



#29
Tetrahydrofuran
Concen: 10.577 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

Tgt Ion: 42 Resp: 936
Ion Ratio Lower Upper
42 100
72 25.7 46.3 69.5#
71 6.6 44.0 66.0#

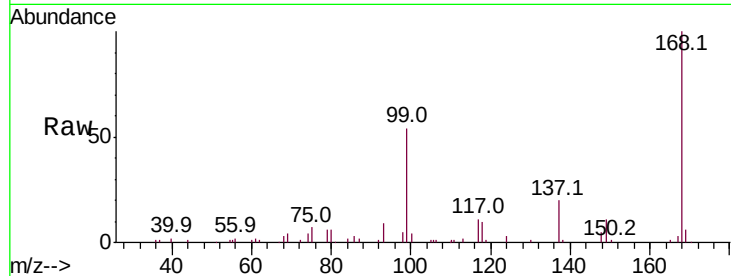




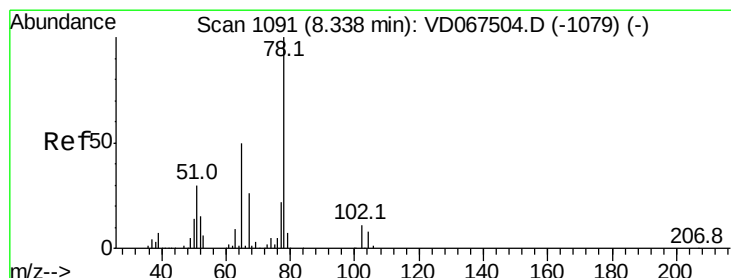
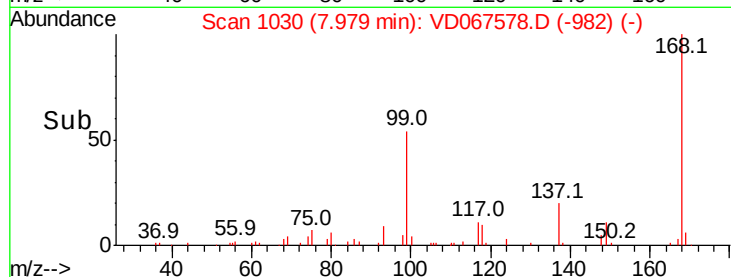
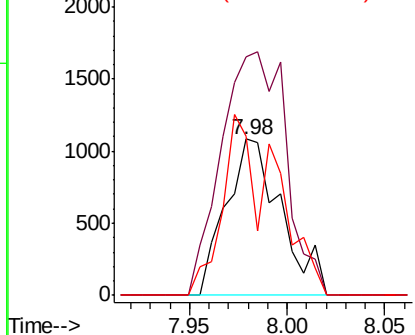
#31
Cyclohexane
Concen: 1.571 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

Instrument :
MSVOA_D
ClientSampleId :
OR-03-110920

Tot Ion: 56 Resp: 2105
Ion Ratio Lower Upper
56 100
69 153.1 25.9 38.9#
84 101.8 76.2 114.4

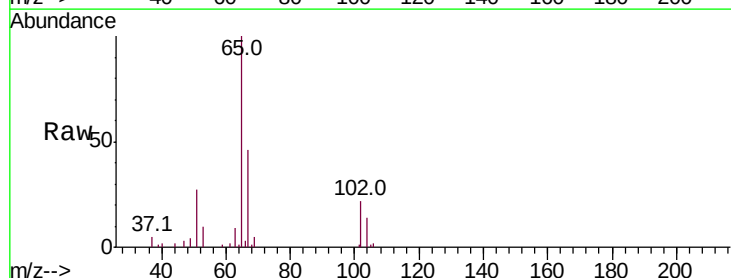


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

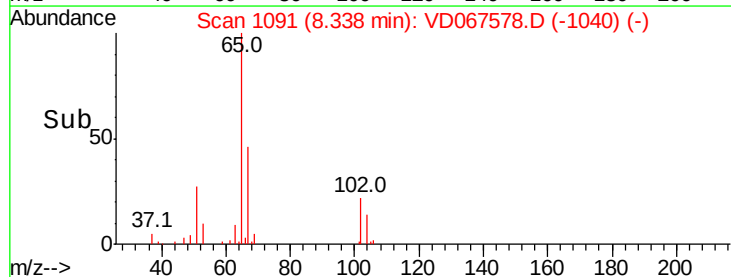
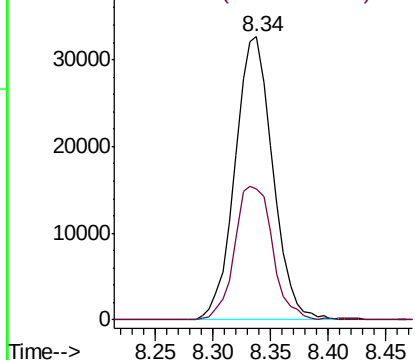


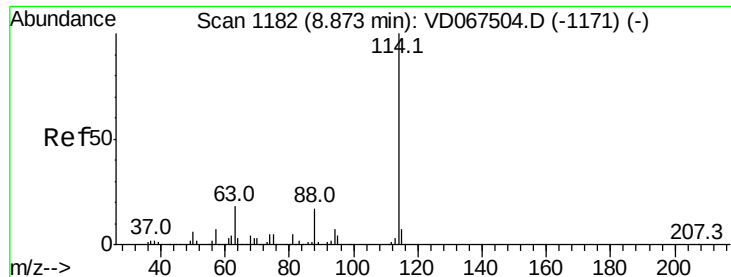
#33
1,2-Dichloroethane-d4
Concen: 80.316 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

Tgt Ion: 65 Resp: 74206
Ion Ratio Lower Upper
65 100
67 47.3 0.0 99.4



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

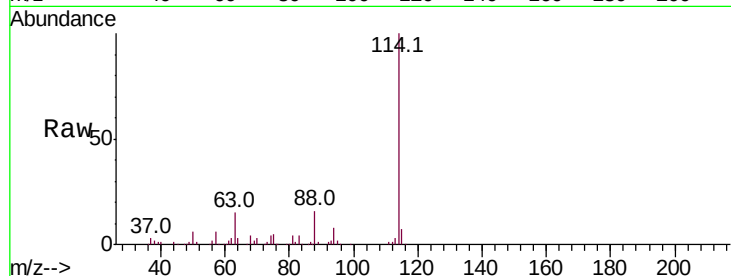




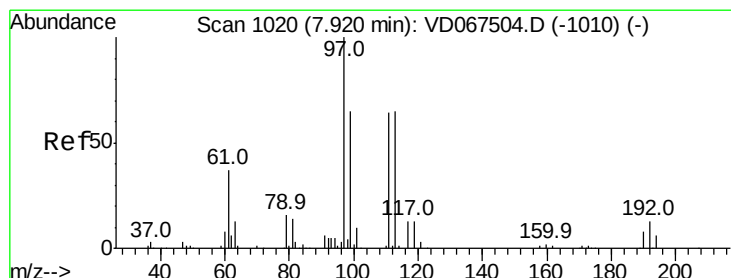
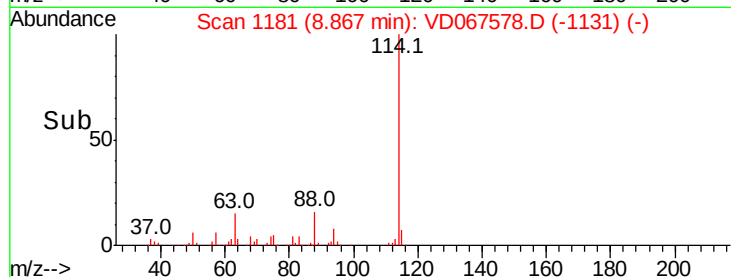
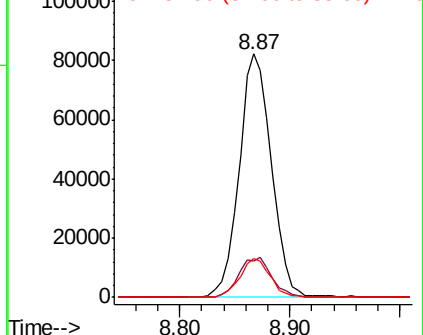
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

Instrument :
MSVOA_D
ClientSampleId :
OR-03-110920

Tot Ion	Ratio	Lower	Upper
114	100		
63	15.0	0.0	35.0
88	16.2	0.0	33.0

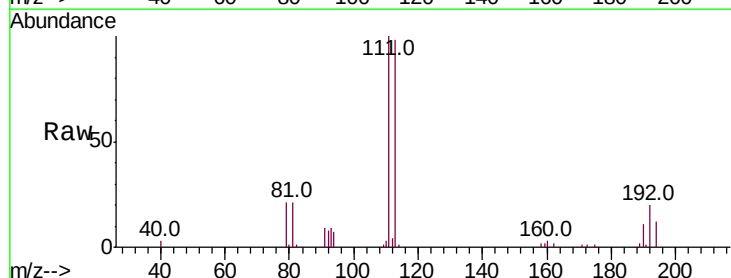


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

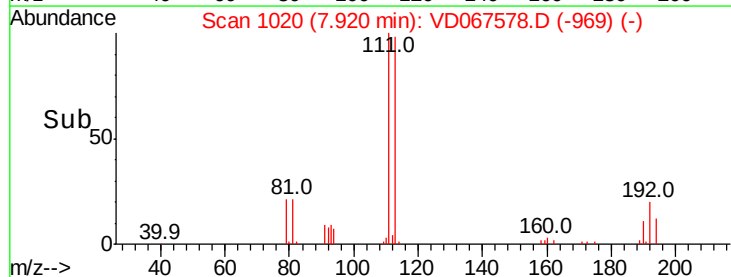
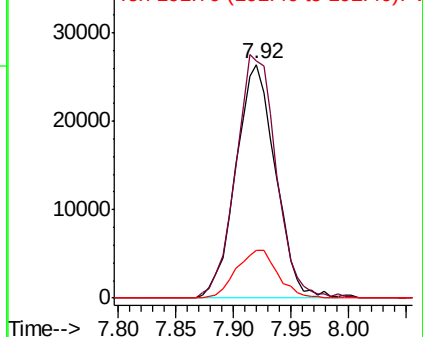


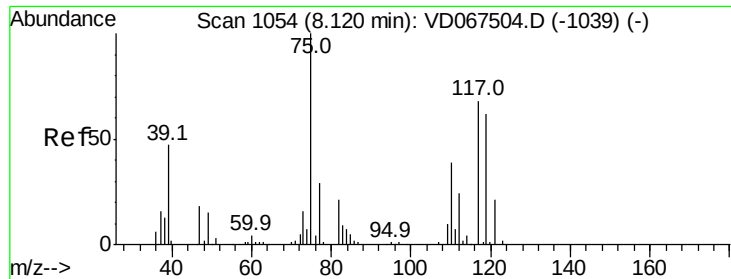
#35
Dibromofluoromethane
Concen: 62.375 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.4	80.0	120.0
192	21.2	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

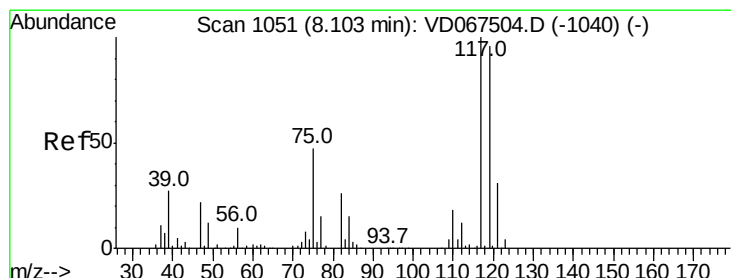
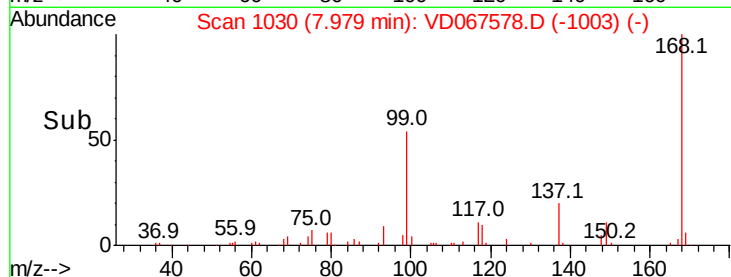
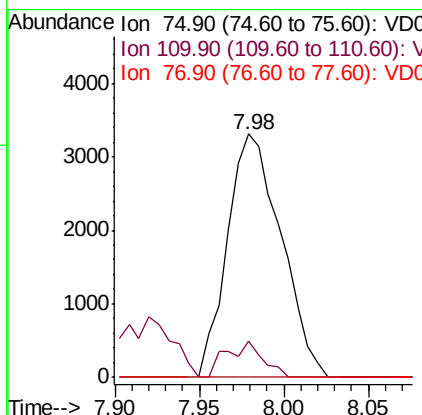
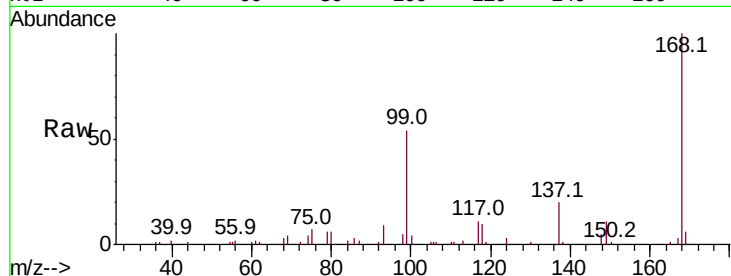




#36
 1,1-Dichloropropene
 Concen: 5.082 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067578.D
 Acq: 10 Nov 2020 13:16

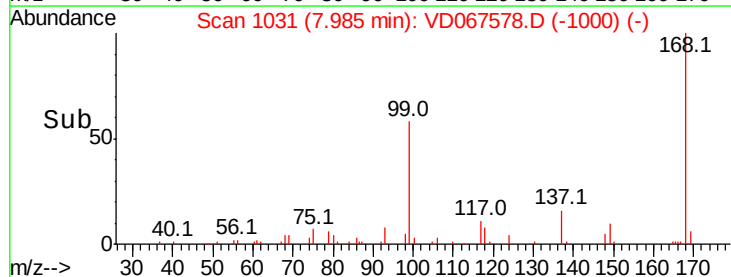
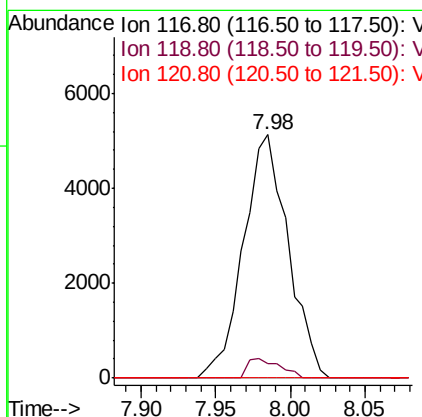
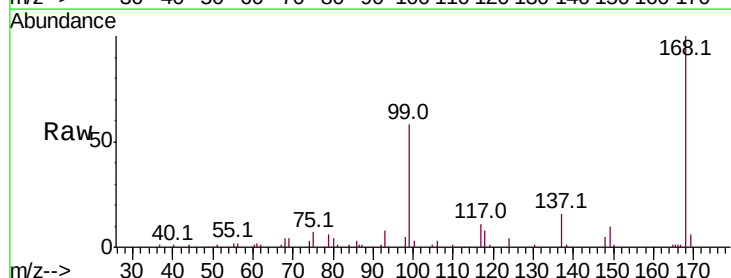
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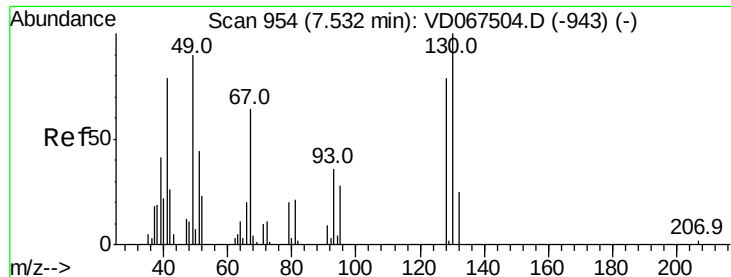
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.9	59.7#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.704 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD067578.D
 Acq: 10 Nov 2020 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.9	115.3#
121	0.0	24.5	36.7#

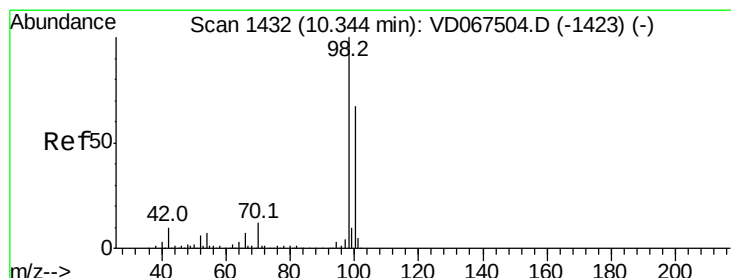
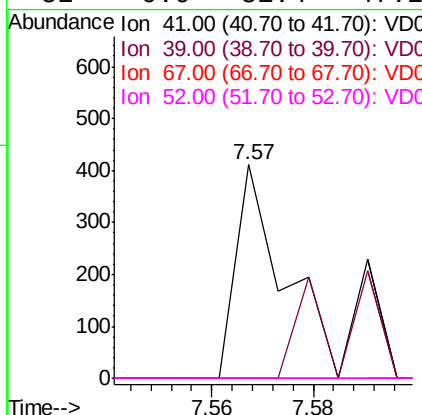
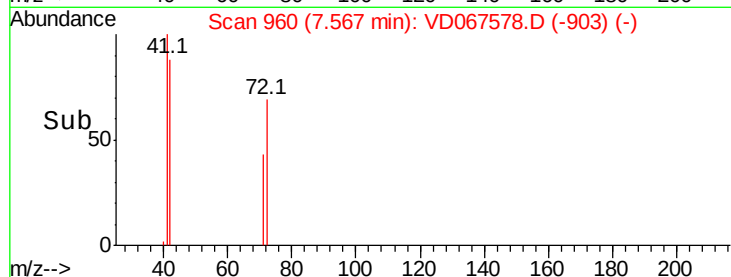
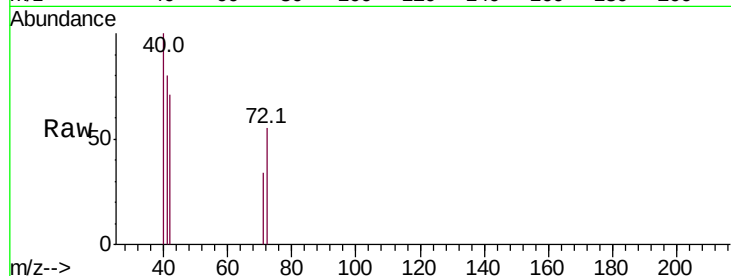




#41
Methacrylonitrile
Concen: 1.227 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.04 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

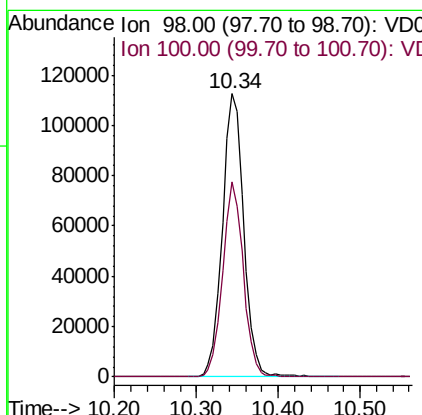
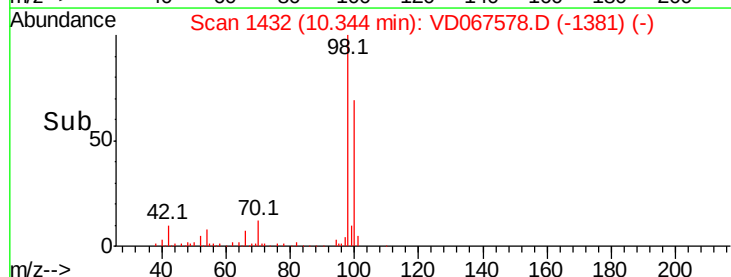
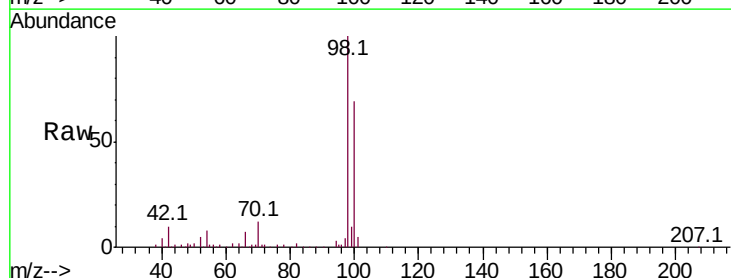
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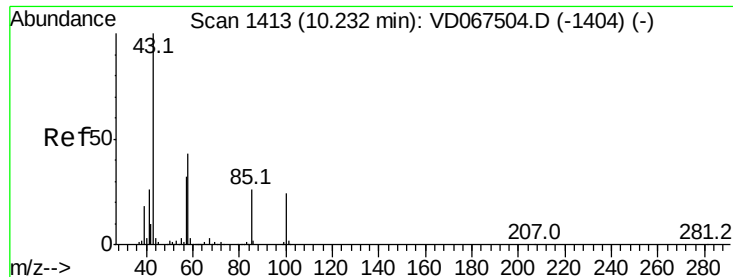
Tot Ion: 41 Resp: 274
Ion Ratio Lower Upper
41 100
39 0.0 51.3 76.9#
67 0.0 78.9 118.3#
52 0.0 31.4 47.2#



#50
Toluene-d8
Concen: 57.441 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

Tgt Ion: 98 Resp: 204476
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6

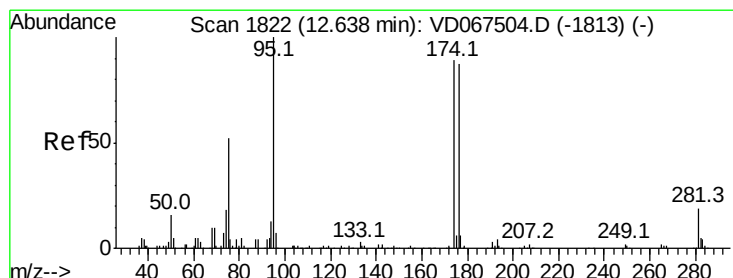
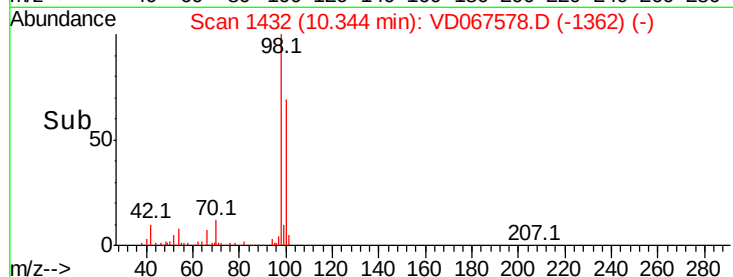
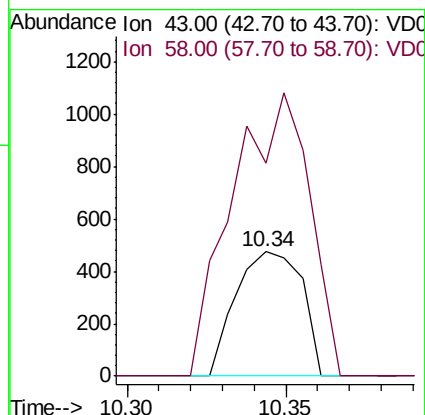
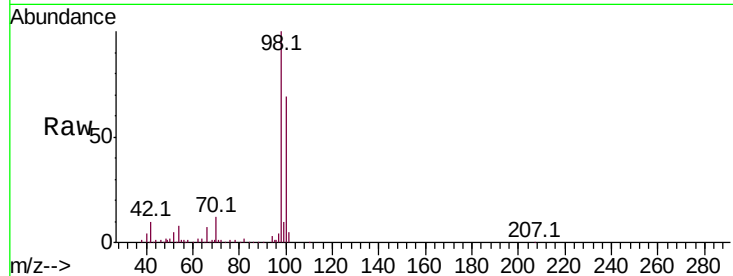




#51
4-Methyl-2-Pentanone
Concen: 1.941 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.11 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

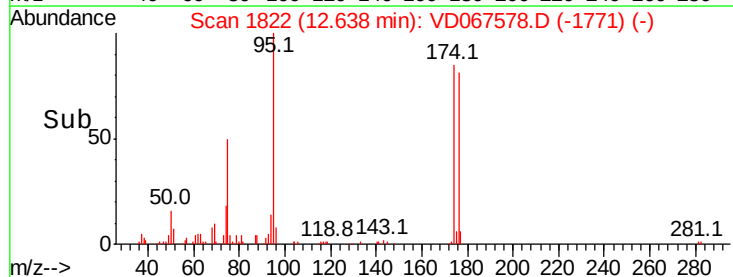
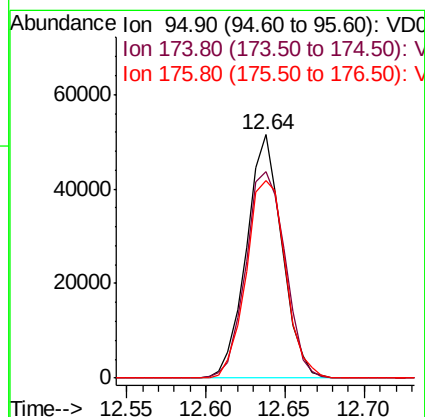
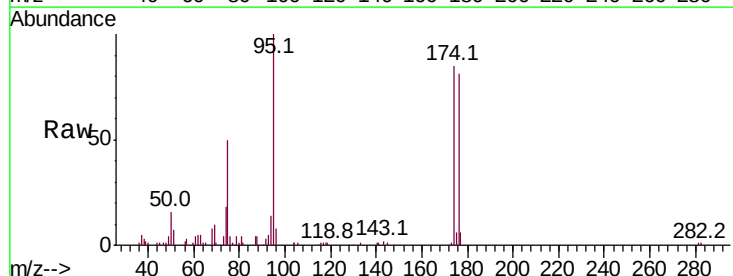
Instrument :
MSVOA_D
ClientSampleId :
OR-03-110920

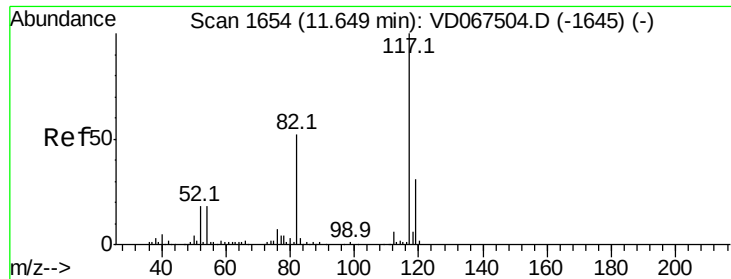
Tot Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
58 265.9 35.6 53.4#



#62
4-Bromofluorobenzene
Concen: 65.608 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

Tgt Ion: 95 Resp: 80632
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.8
176 89.1 0.0 172.0

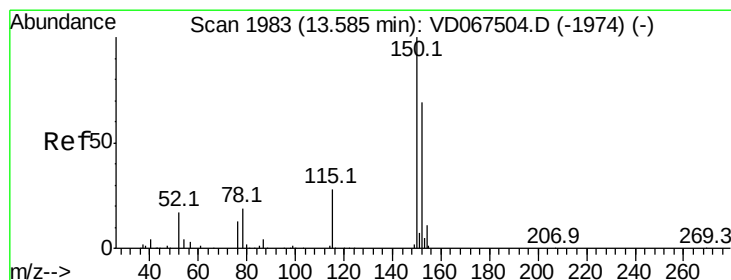
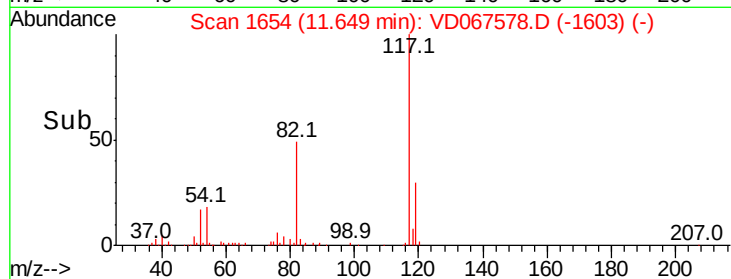
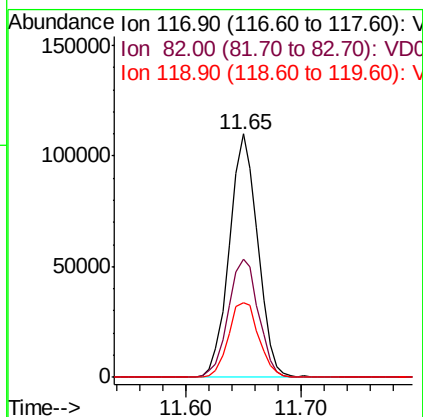
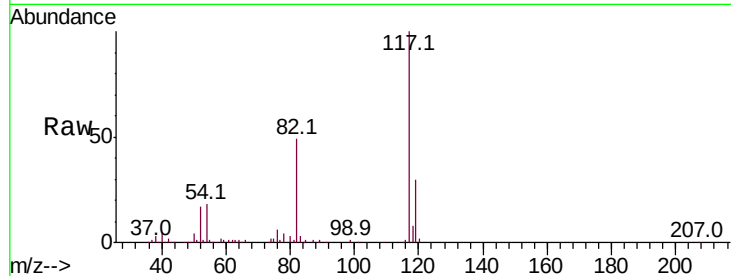




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

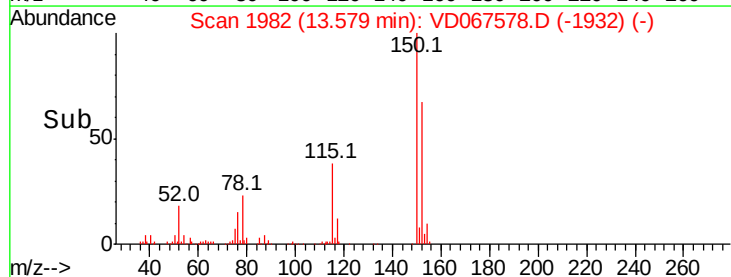
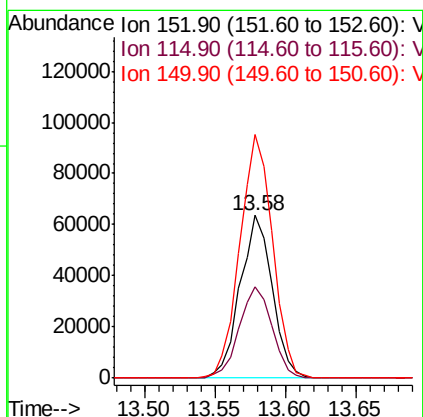
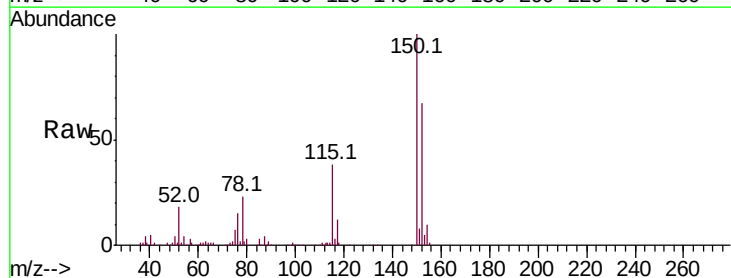
Instrument :
MSVOA_D
ClientSampleId :
OR-03-110920

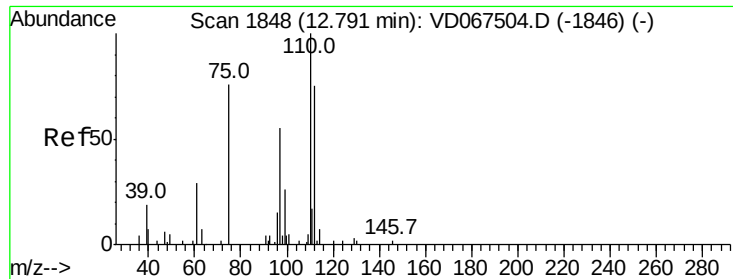
Tot Ion:117 Resp: 186931
Ion Ratio Lower Upper
117 100
82 48.5 41.6 62.4
119 30.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067578.D
Acq: 10 Nov 2020 13:16

Tgt Ion:152 Resp: 101604
Ion Ratio Lower Upper
152 100
115 57.3 29.3 88.0
150 151.8 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 69.752 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067578.D

Acq: 10 Nov 2020 13:16

Instrument :

MSVOA_D

ClientSampleId :

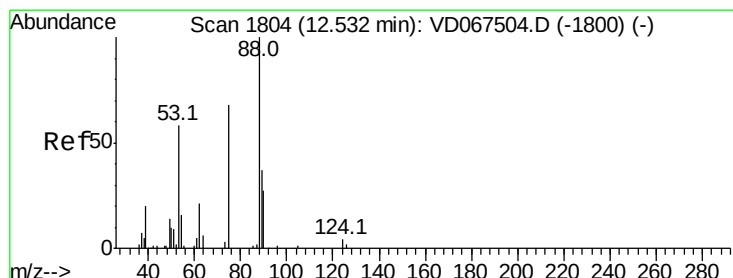
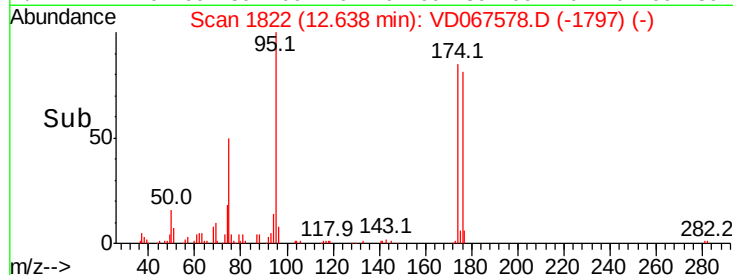
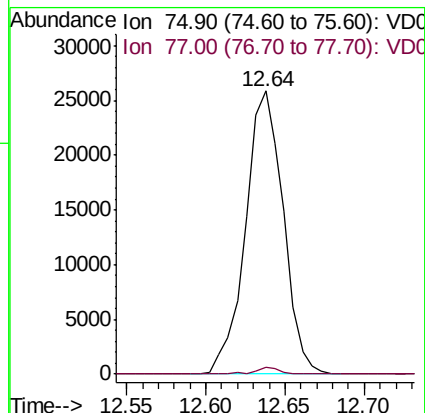
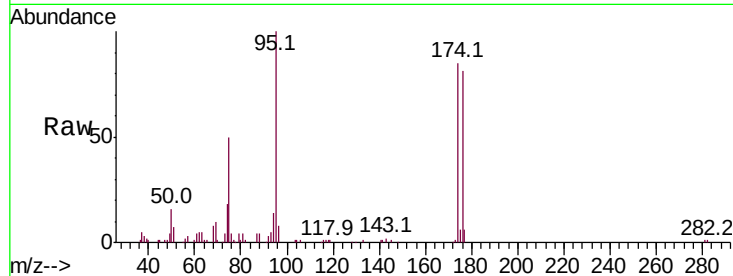
OR-03-110920

Tot Ion: 75 Resp: 42753

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 141.614 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067578.D

Acq: 10 Nov 2020 13:16

Tgt Ion: 75 Resp: 42753

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

