

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067008.D
 Acq On : 01 Oct 2020 23:14
 Operator : VA/SY
 Sample : VD1001SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBL02

Quant Time: Oct 02 01:26:50 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	537202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	877984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	819719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	375254	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	271431	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
35) Dibromofluoromethane	7.92	113	278631	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	10.34	98	1023247	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.63	95	348819	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds

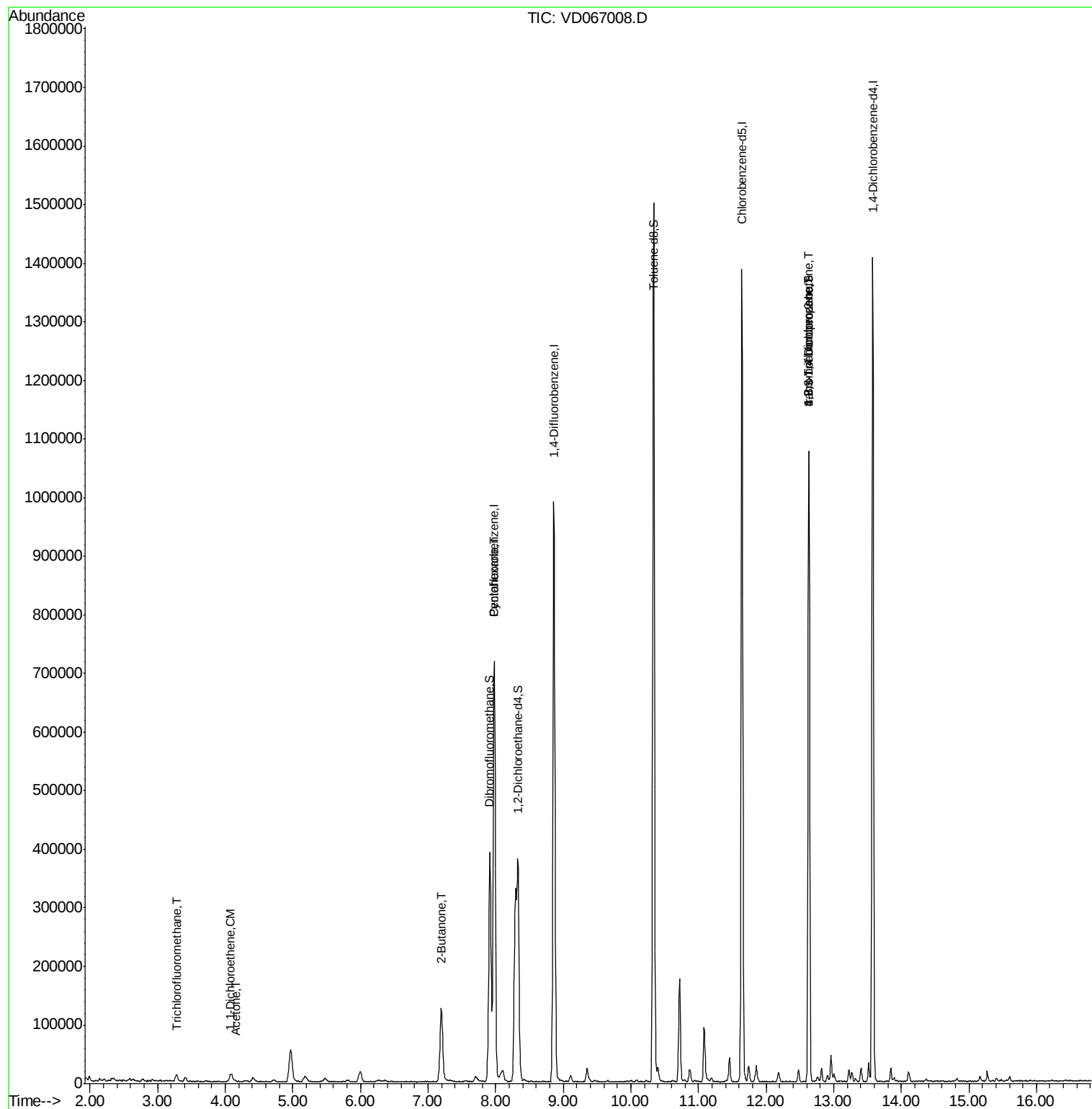
					Qvalue
2) Dichlorodifluoromethane	1.99	85	5601	Below Cal	92
5) Bromomethane	2.78	94	2604	Below Cal	84
7) Trichlorofluoromethane	3.28	101	12828	1.346 ug/l #	84
11) Tert butyl alcohol	5.18	59	8838	Below Cal #	74
12) 1,1-Dichloroethene	4.07	96	5250	1.037 ug/l #	67
16) Acetone	4.16	43	2204	2.790 ug/l #	66
25) 2-Butanone	7.19	43	6816	6.087 ug/l #	65
26) 2,2-Dichloropropane	7.20	77	13115	Below Cal #	61
31) Cyclohexane	7.98	56	17020	2.190 ug/l #	39
76) 1,2,3-Trichloropropane	12.63	75	172813	52.871 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	172813	131.814 ug/l #	12

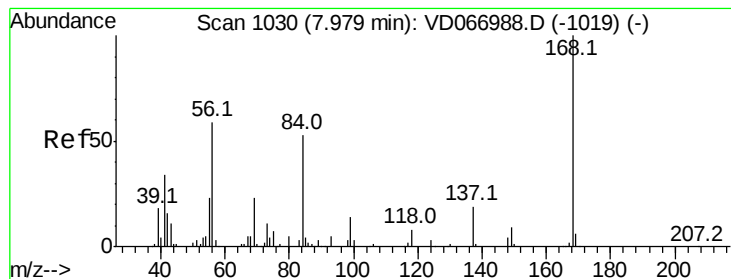
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100120\
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Quant Time: Oct 02 01:26:50 2020
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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: VD067008.D

Acq: 01 Oct 2020 23:14

Instrument :

MSVOA_D

ClientSampleID :

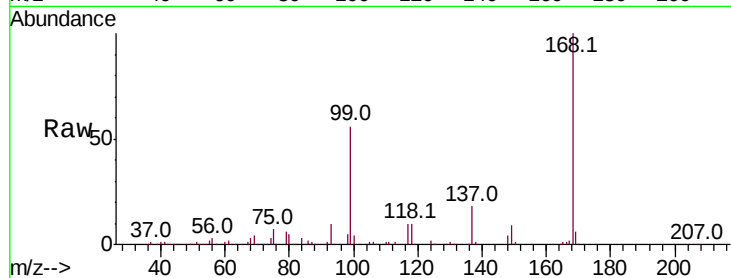
VD1001SBL02

Tot Ion:168 Resp: 537202

Ion Ratio Lower Upper

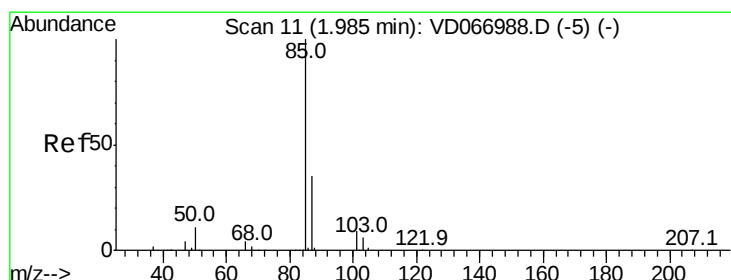
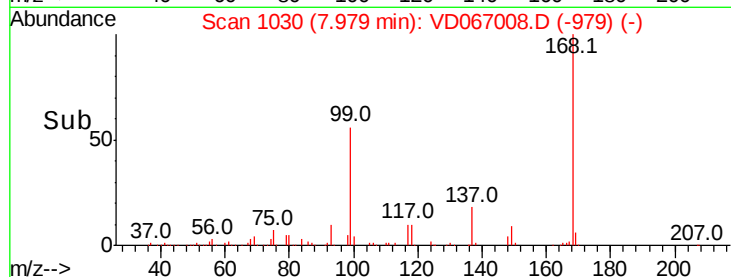
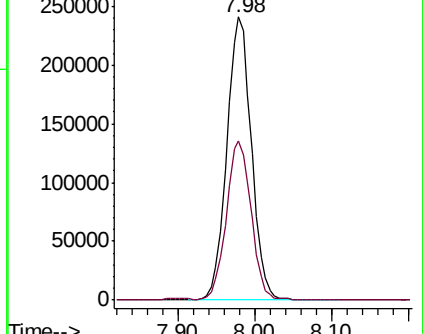
168 100

99 56.0 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: VD067008.D

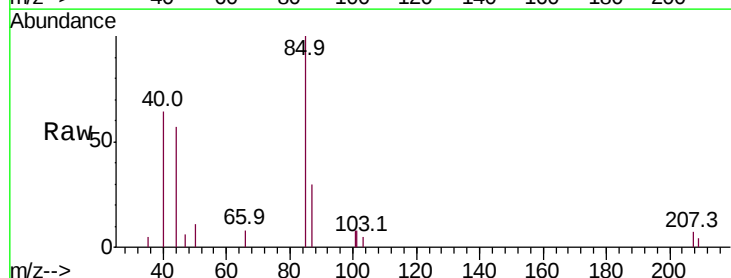
Acq: 01 Oct 2020 23:14

Tgt Ion: 85 Resp: 5601

Ion Ratio Lower Upper

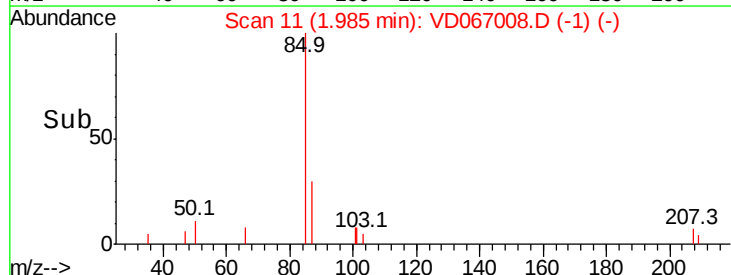
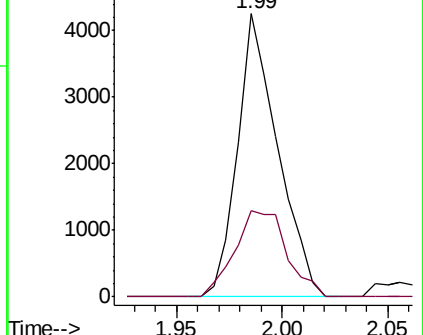
85 100

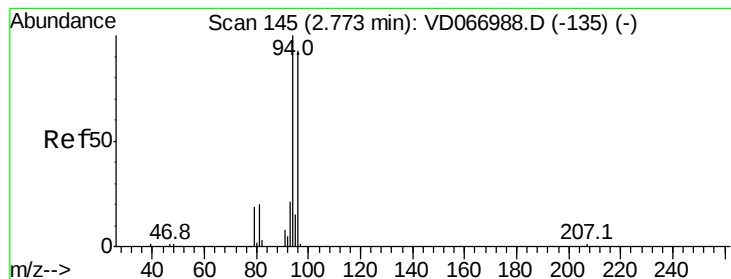
87 30.3 17.3 52.0



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: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD067008.D

Acq: 01 Oct 2020 23:14

Instrument :

MSVOA_D

ClientSampleId :

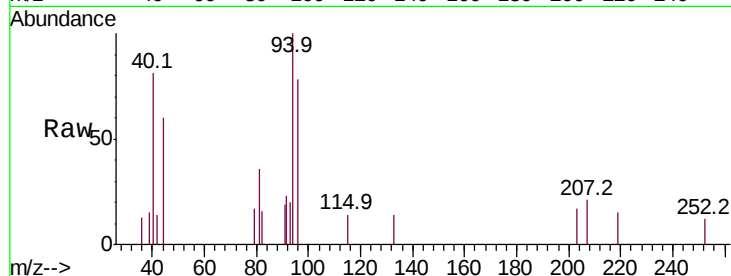
VD1001SBL02

Tot Ion: 94 Resp: 2604

Ion Ratio Lower Upper

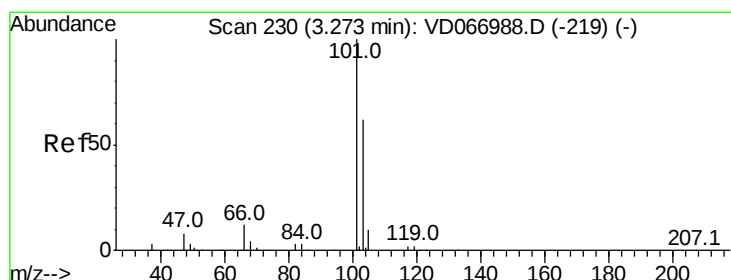
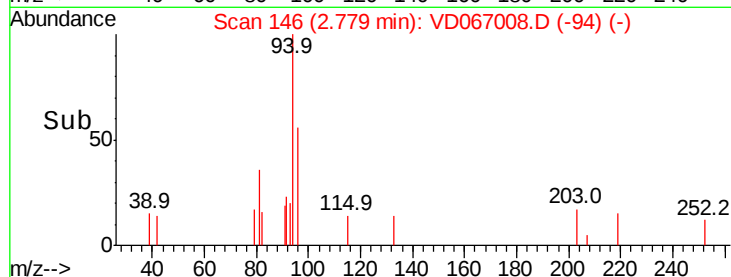
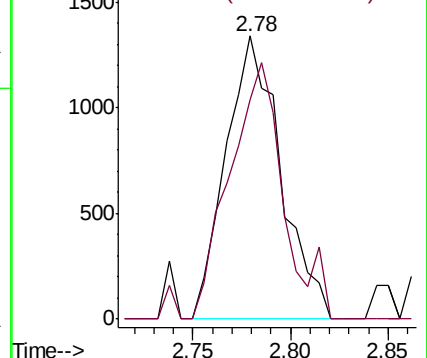
94 100

96 77.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#7

Trichlorofluoromethane

Concen: 1.346 ug/l

RT: 3.28 min Scan# 231

Delta R.T. 0.01 min

Lab File: VD067008.D

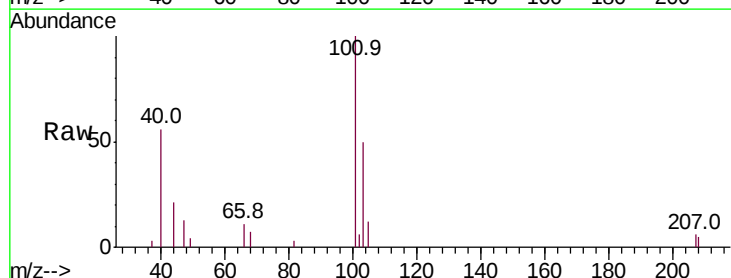
Acq: 01 Oct 2020 23:14

Tgt Ion:101 Resp: 12828

Ion Ratio Lower Upper

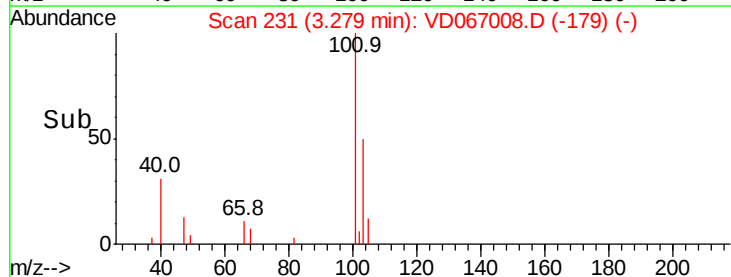
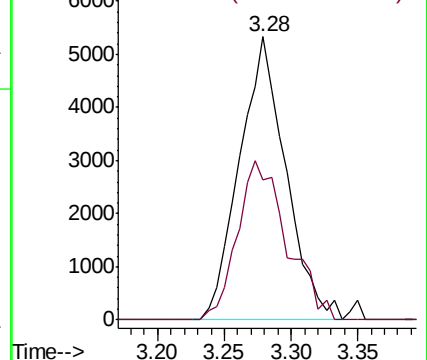
101 100

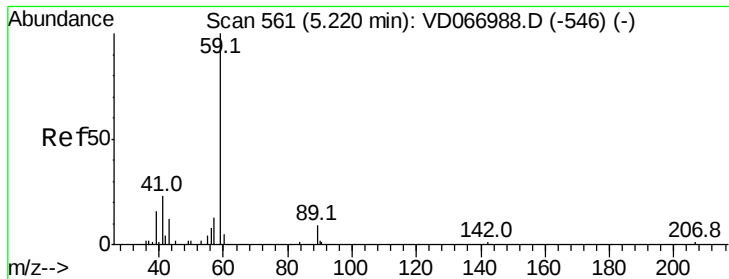
103 49.6 49.8 74.8#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

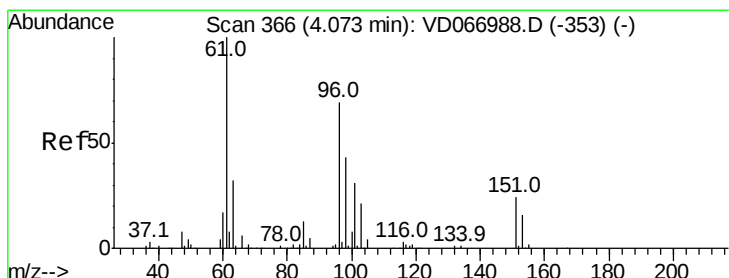
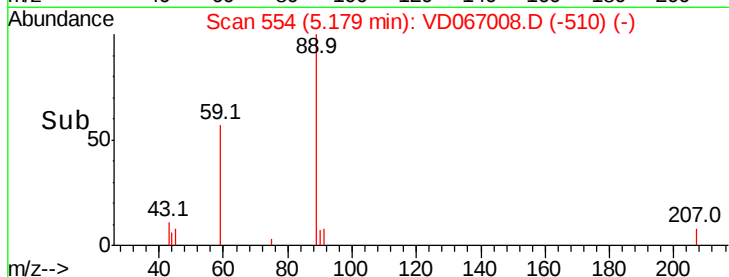
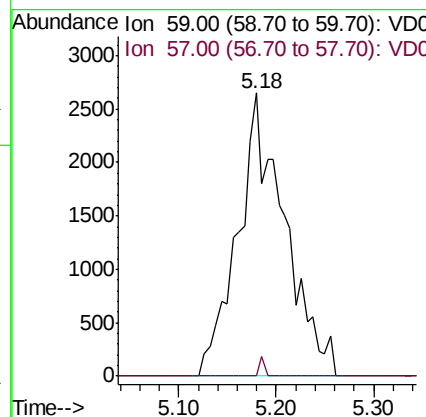
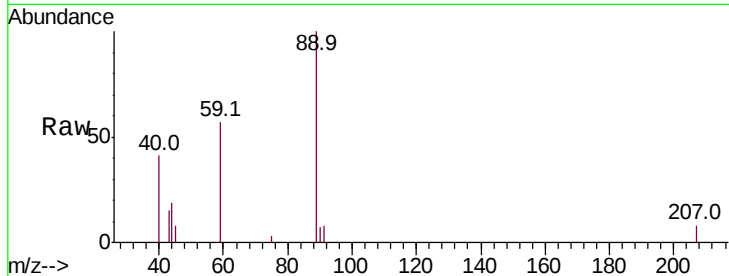




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.18 min Scan# 554
Delta R.T. -0.04 min
Lab File: VD067008.D
Acq: 01 Oct 2020 23:14

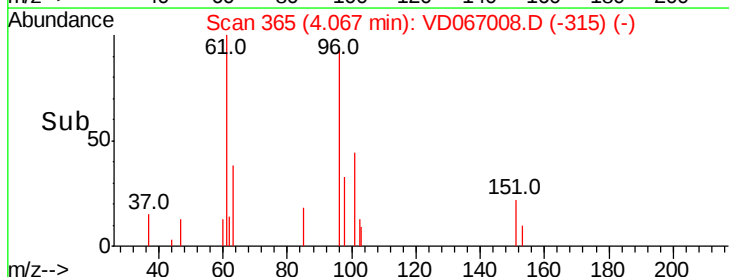
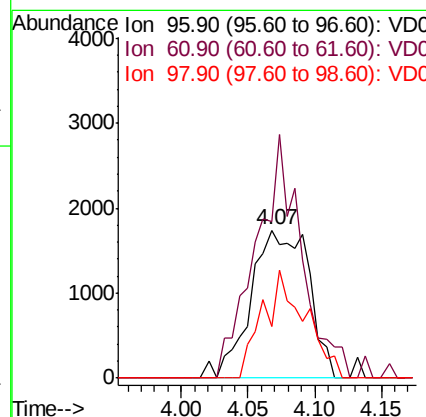
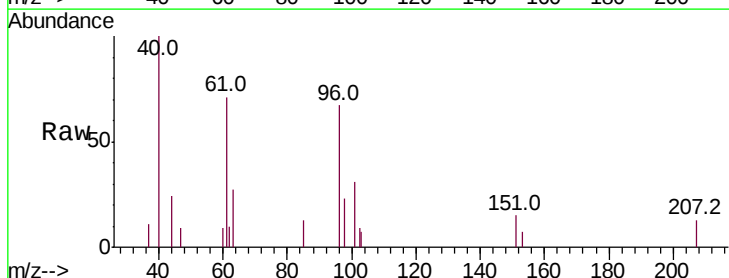
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBL02

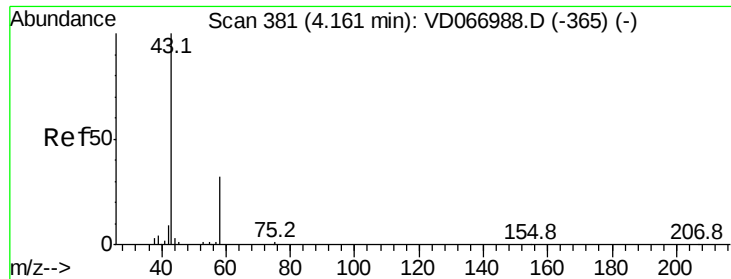
Tot Ion: 59 Resp: 8838
Ion Ratio Lower Upper
59 100
57 0.7 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 1.037 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.01 min
Lab File: VD067008.D
Acq: 01 Oct 2020 23:14

Tgt Ion: 96 Resp: 5250
Ion Ratio Lower Upper
96 100
61 106.3 116.4 174.6#
98 34.9 49.9 74.9#





#16

Acetone

Concen: 2.790 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067008.D

Acq: 01 Oct 2020 23:14

Instrument :

MSVOA_D

ClientSampleId :

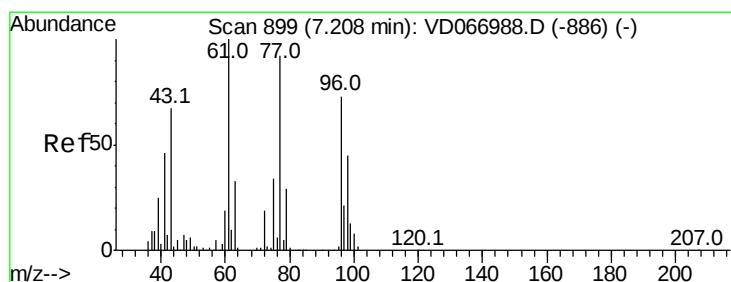
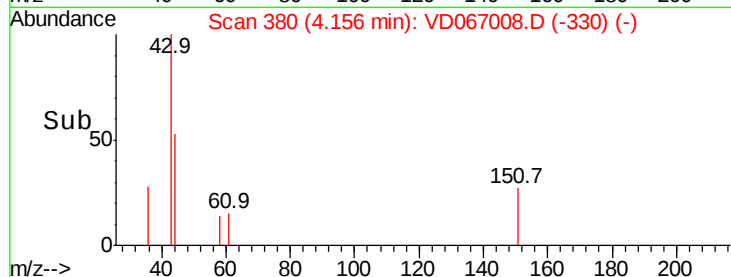
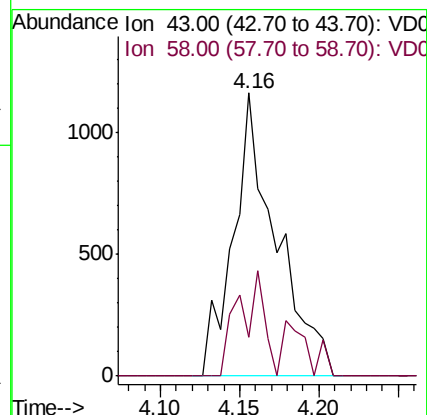
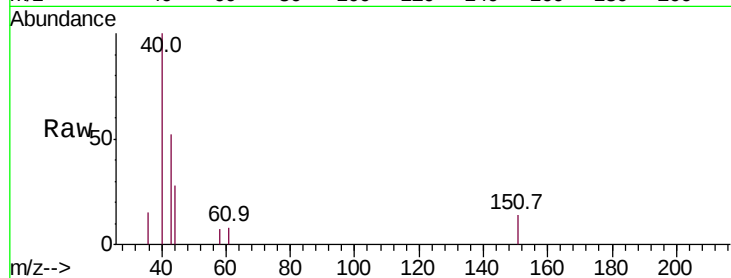
VD1001SBL02

Tot Ion: 43 Resp: 2204

Ion Ratio Lower Upper

43 100

58 13.6 25.9 38.9#



#25

2-Butanone

Concen: 6.087 ug/l

RT: 7.19 min Scan# 896

Delta R.T. -0.02 min

Lab File: VD067008.D

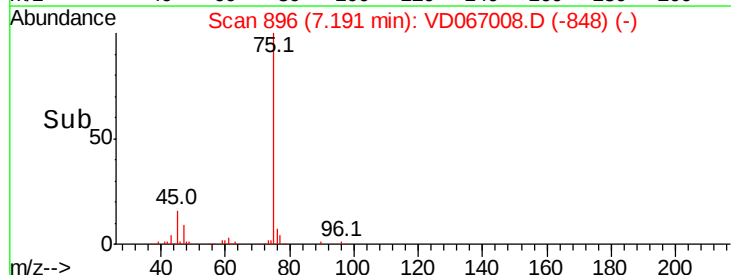
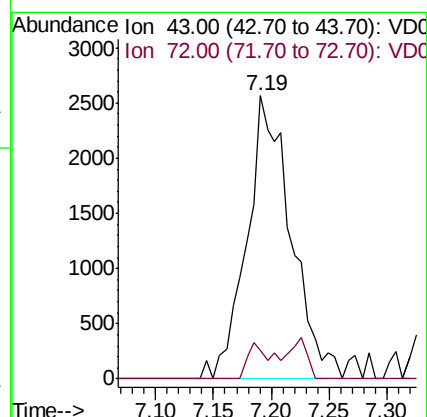
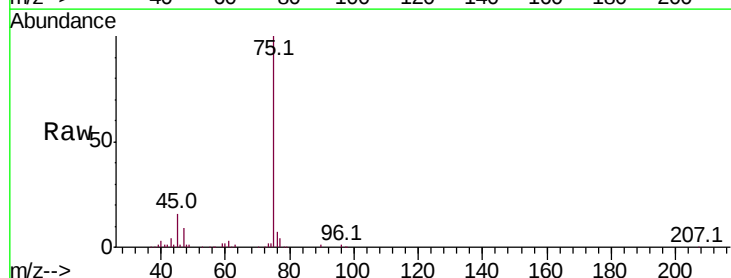
Acq: 01 Oct 2020 23:14

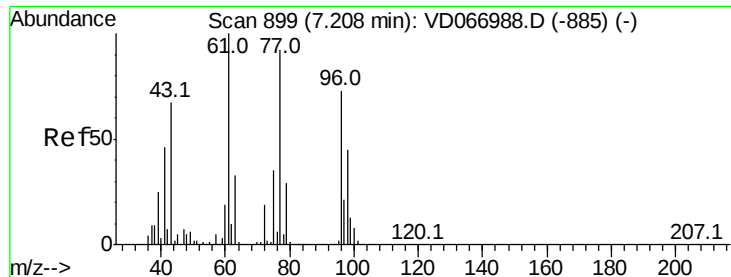
Tgt Ion: 43 Resp: 6816

Ion Ratio Lower Upper

43 100

72 10.1 22.8 34.2#

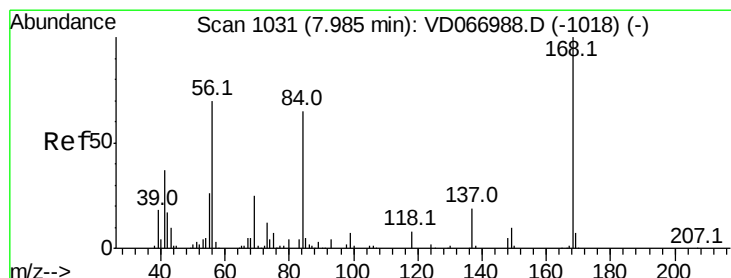
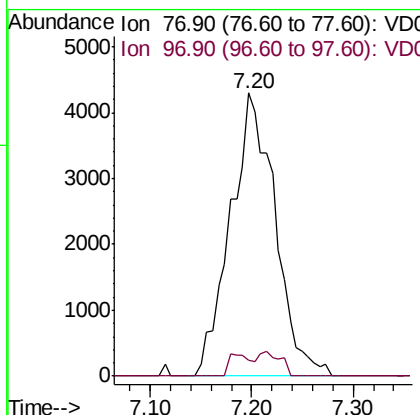
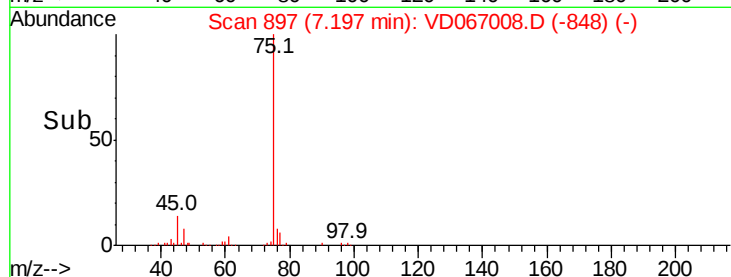
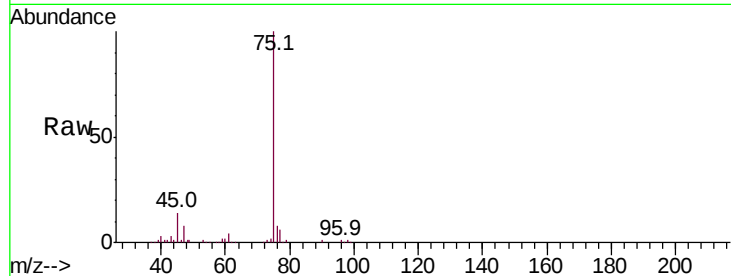




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.20 min Scan# 897
Delta R.T. -0.01 min
Lab File: VD067008.D
Acq: 01 Oct 2020 23:14

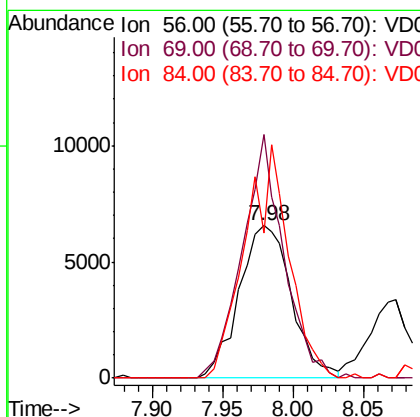
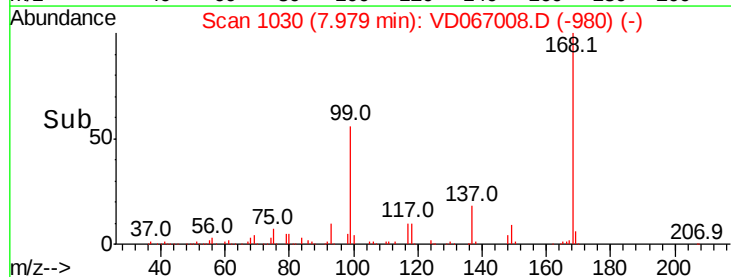
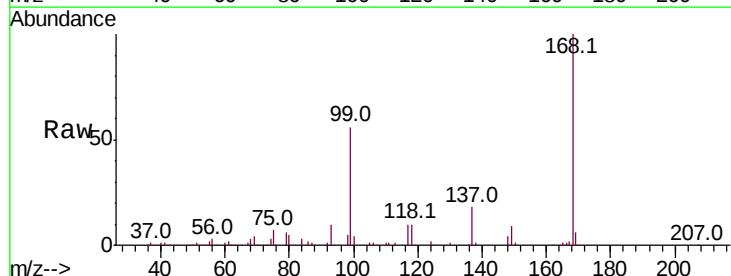
Instrument :
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ClientSampleId :
VD1001SBL02

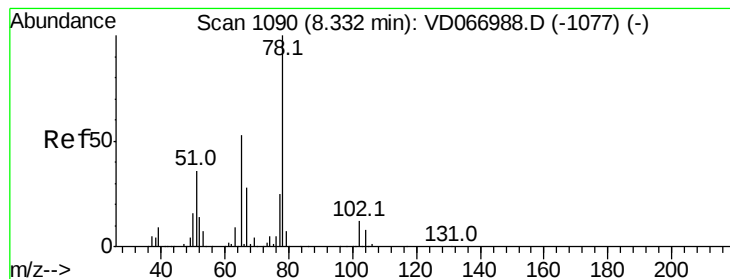
Tot Ion: 77 Resp: 13115
Ion Ratio Lower Upper
77 100
97 4.1 11.4 34.2#



#31
Cyclohexane
Concen: 2.190 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067008.D
Acq: 01 Oct 2020 23:14

Tgt Ion: 56 Resp: 17020
Ion Ratio Lower Upper
56 100
69 159.9 29.0 43.6#
84 95.6 74.2 111.2





#33

1,2-Dichloroethane-d4

Concen: 52.457 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067008.D

Acq: 01 Oct 2020 23:14

Instrument :

MSVOA_D

ClientSampleId :

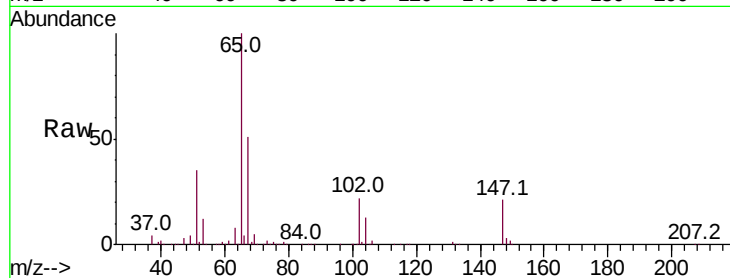
VD1001SBL02

Tot Ion: 65 Resp: 271431

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

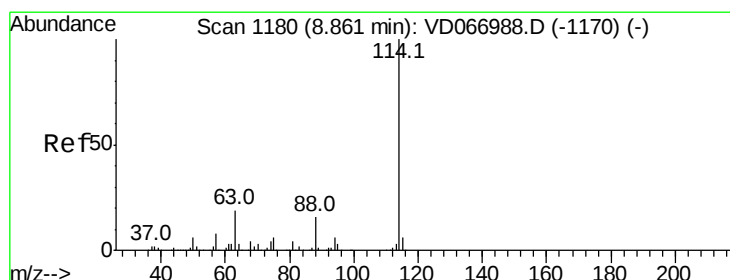
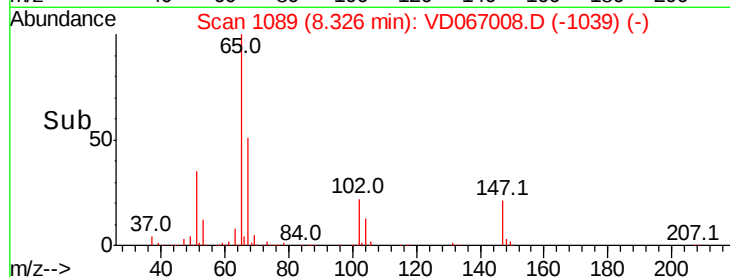
100000

50000

0

Time-->

8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067008.D

Acq: 01 Oct 2020 23:14

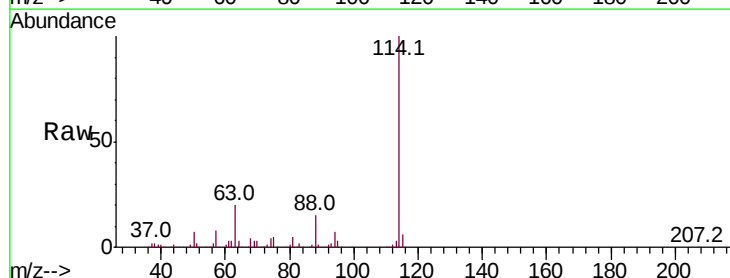
Tgt Ion:114 Resp: 877984

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

88 15.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

600000

500000

400000

300000

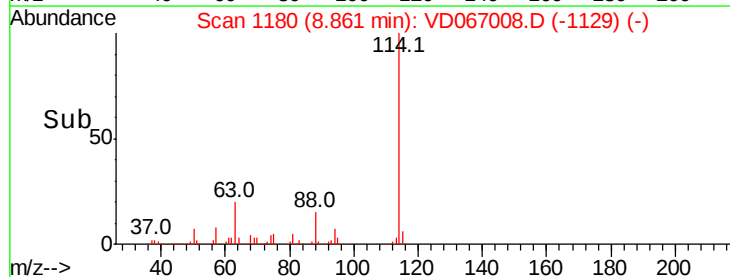
200000

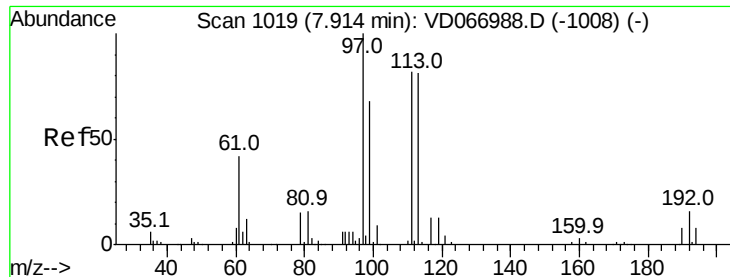
100000

0

Time-->

8.80 8.90 9.00

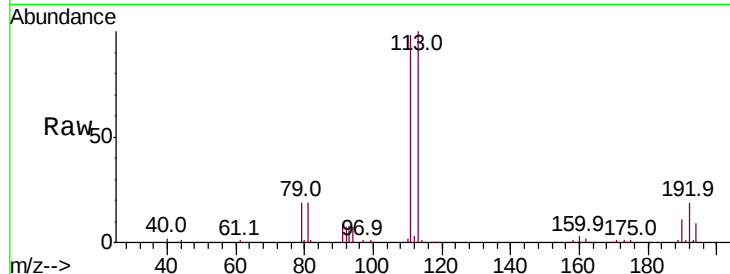




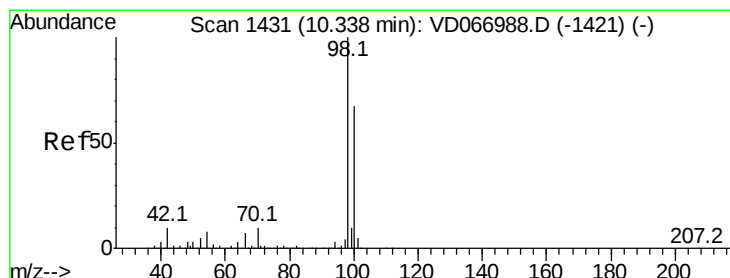
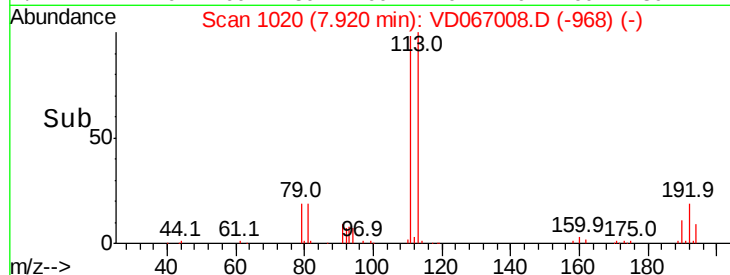
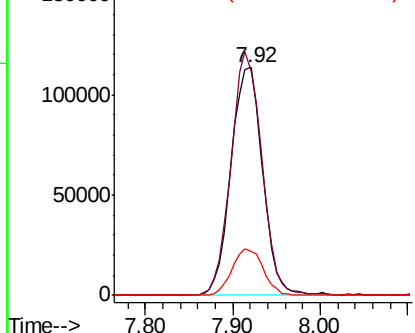
#35
 Dibromofluoromethane
 Concen: 48.474 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067008.D
 Acq: 01 Oct 2020 23:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBL02

Tot Ion:113 Resp: 278631
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.0 124.4
 192 20.0 15.5 23.3

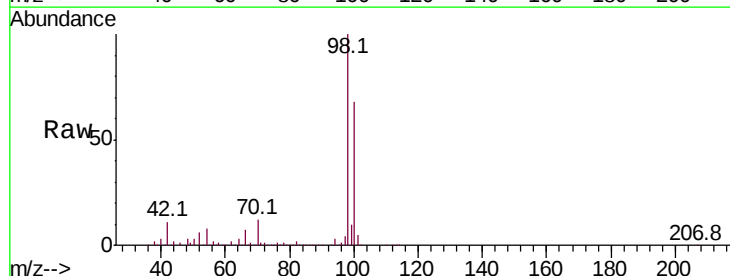


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

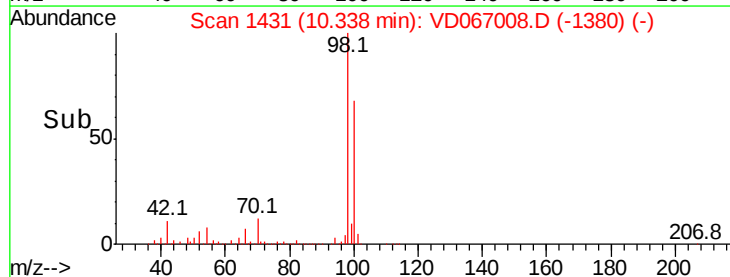
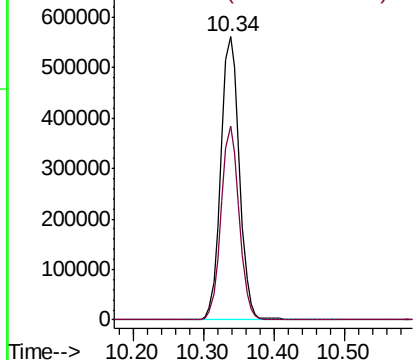


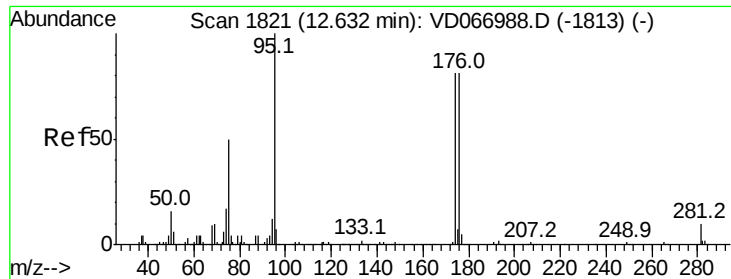
#50
 Toluene-d8
 Concen: 48.854 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067008.D
 Acq: 01 Oct 2020 23:14

Tgt Ion: 98 Resp: 1023247
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VD

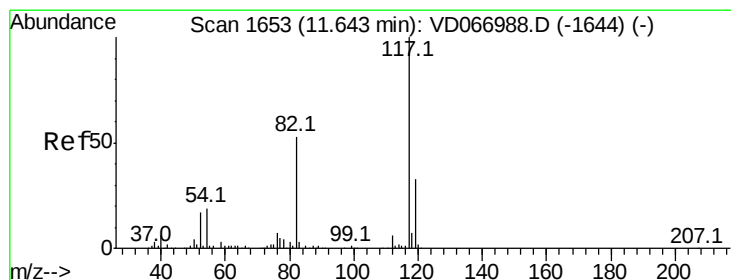
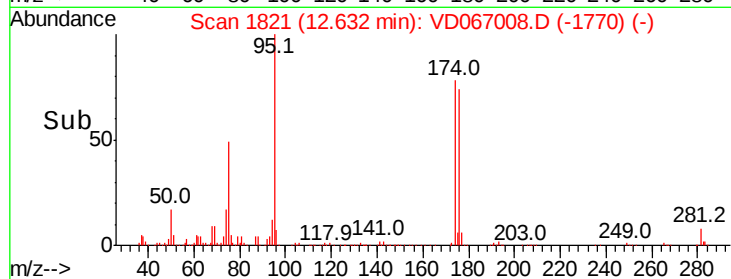
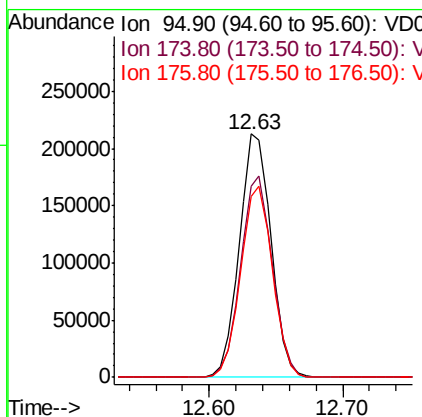
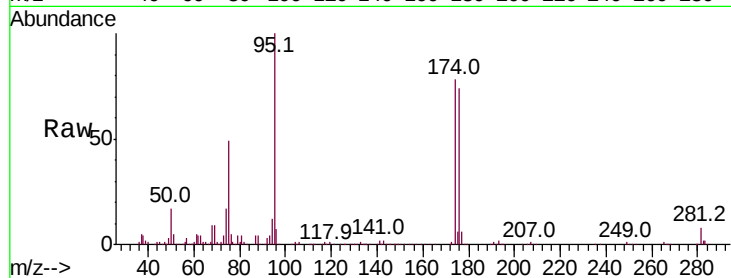




#62
4-Bromofluorobenzene
Concen: 49.058 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067008.D
Acq: 01 Oct 2020 23:14

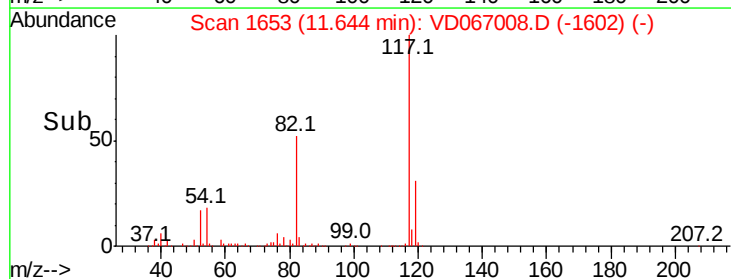
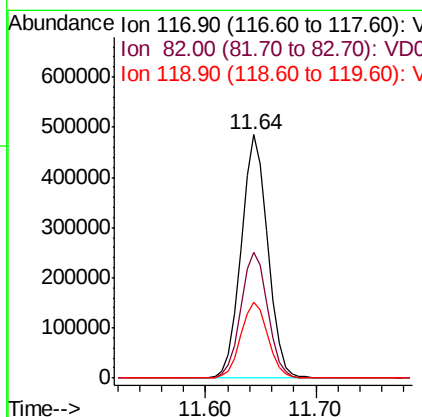
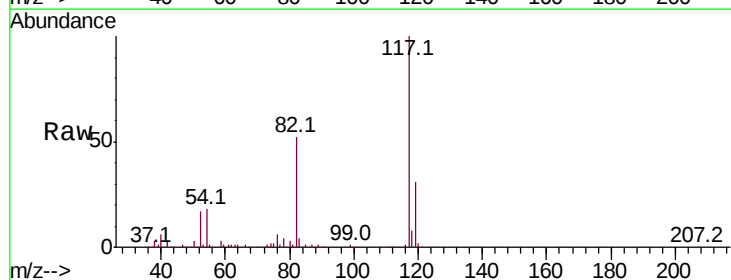
Instrument :
MSVOA_D
ClientSampleId :
VD1001SBL02

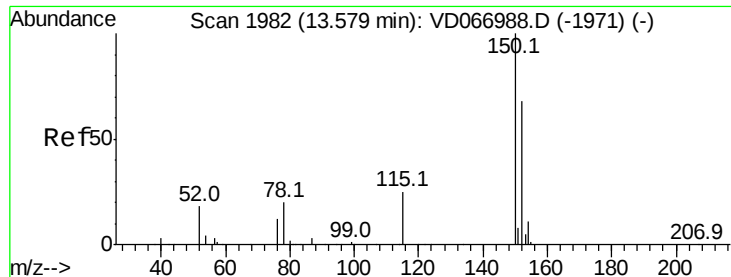
Tot Ion: 95 Resp: 348819
Ion Ratio Lower Upper
95 100
174 82.7 0.0 167.6
176 78.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067008.D
Acq: 01 Oct 2020 23:14

Tgt Ion: 117 Resp: 819719
Ion Ratio Lower Upper
117 100
82 52.0 42.6 63.8
119 31.3 26.3 39.5



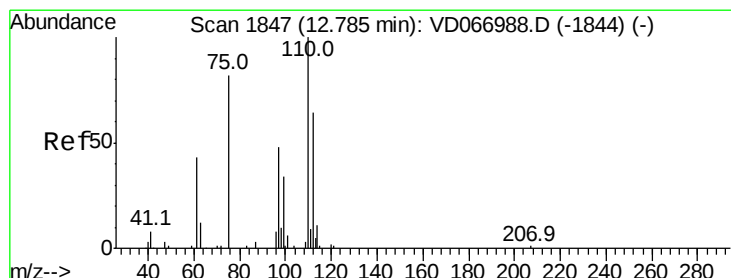
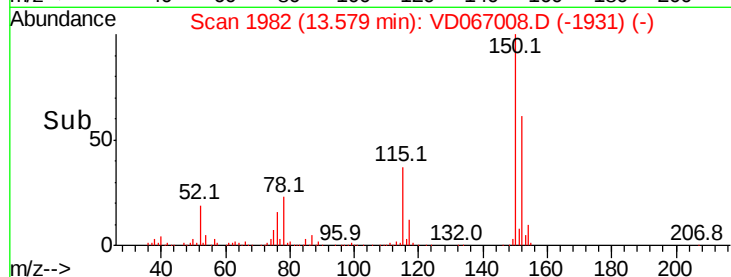
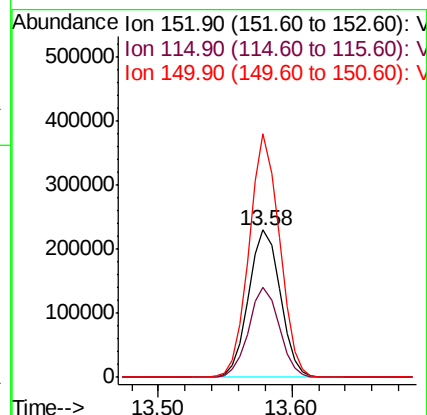
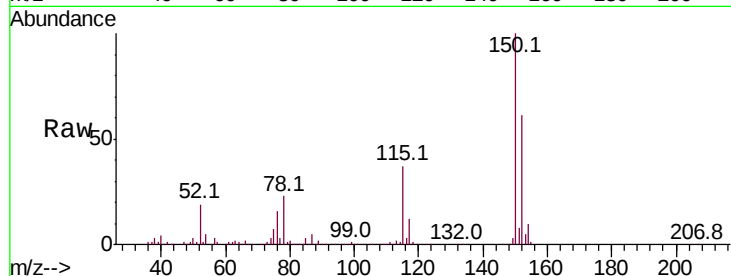


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067008.D
Acq: 01 Oct 2020 23:14

Instrument :
MSVOA_D
ClientSampleId :
VD1001SBL02

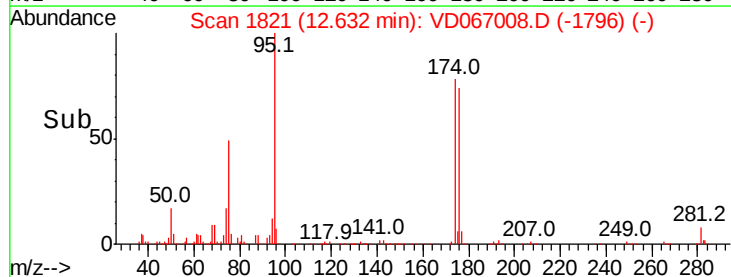
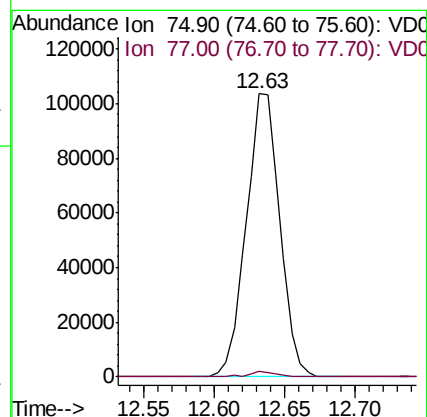
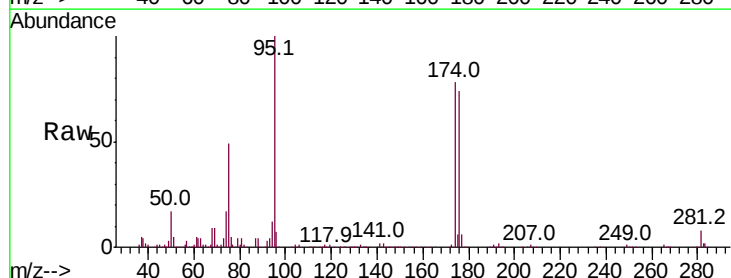
Tot Ion:152 Resp: 375254
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.8
150 158.8 0.0 344.8

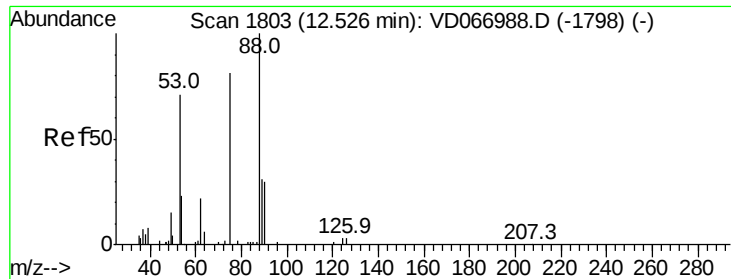


#76

1,2,3-Trichloropropane
Concen: 52.871 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD067008.D
Acq: 01 Oct 2020 23:14

Tgt Ion: 75 Resp: 172813
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 131.814 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.11 min

Lab File: VD067008.D

Acq: 01 Oct 2020 23:14

Instrument :

MSVOA_D

ClientSampleId :

VD1001SBL02

Tot Ion: 75 Resp: 172813

Ion Ratio Lower Upper

75 100

53 0.1 73.8 110.6#

89 0.2 38.9 58.3#

