

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067322.D
 Acq On : 20 Oct 2020 14:23
 Operator : VA/SY
 Sample : L4436-04
 Misc : 12.21G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 34A

Quant Time: Oct 21 02:31:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

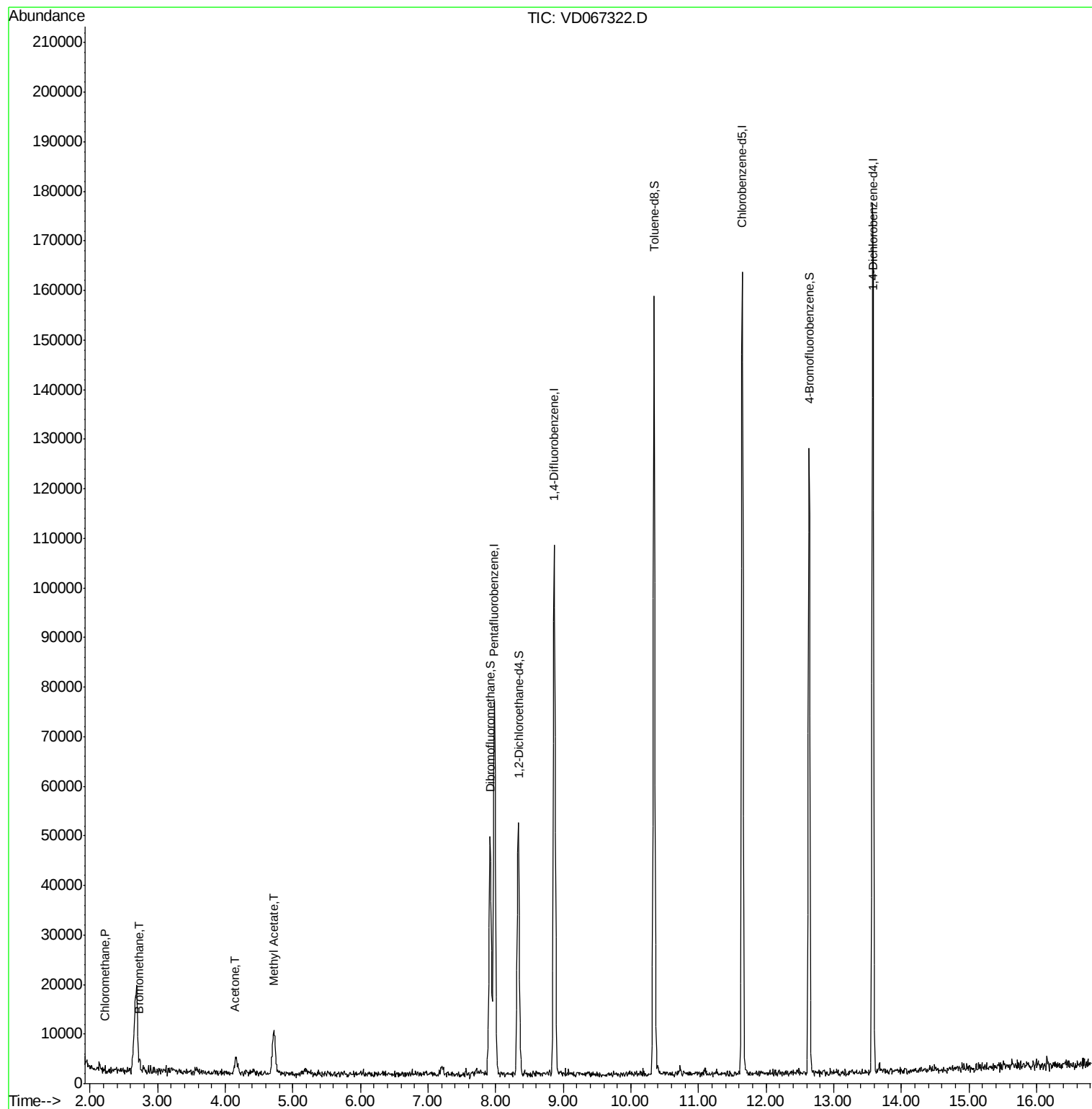
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	55322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	90879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	99134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	48802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	44625	80.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	161.04%	
35) Dibromofluoromethane	7.92	113	34687	57.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.70%	
50) Toluene-d8	10.34	98	111830	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.64	95	42007	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
Target Compounds						
3) Chloromethane	2.21	50	374	1.074	ug/l	96
5) Bromomethane	2.73	94	1044	1.656	ug/l #	66
16) Acetone	4.15	43	6238	80.364	ug/l	95
18) Methyl Acetate	4.71	43	17319	97.822	ug/l	97

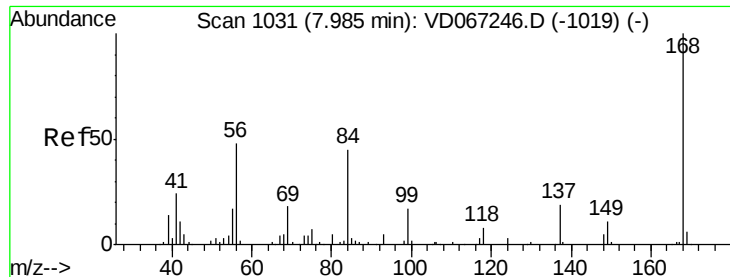
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067322.D

Acq: 20 Oct 2020 14:23

Instrument :

MSVOA_D

ClientSampleId :

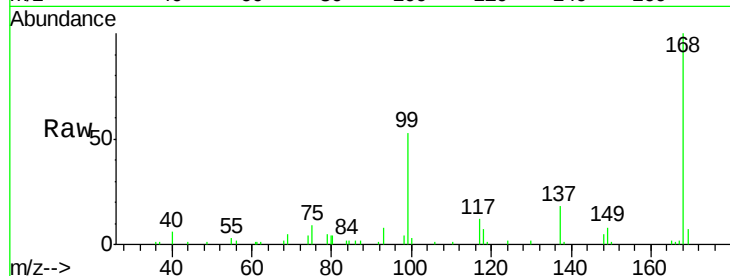
34A

Tot Ion:168 Resp: 55322

Ion Ratio Lower Upper

168 100

99 53.5 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

25000

20000

15000

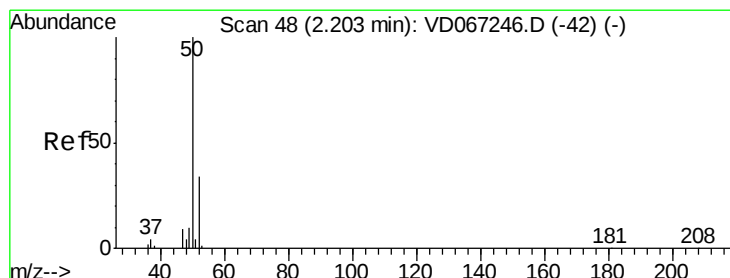
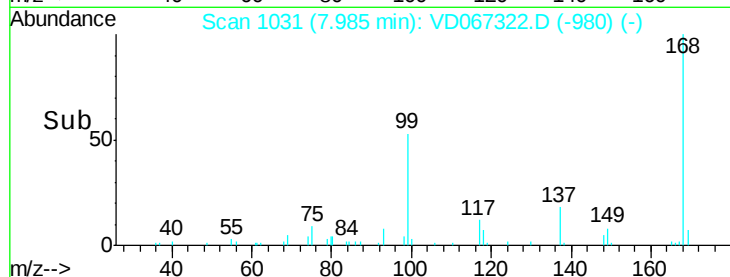
10000

5000

0

Time-->

7.90 8.00 8.10



#3

Chloromethane

Concen: 1.074 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.01 min

Lab File: VD067322.D

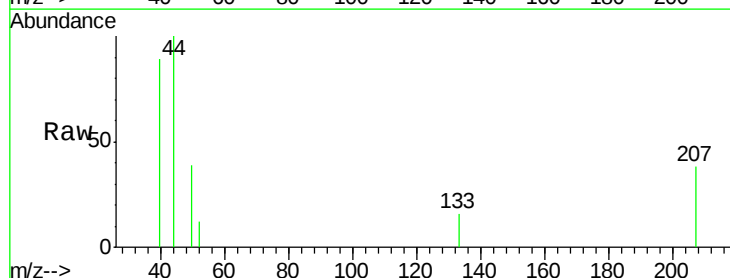
Acq: 20 Oct 2020 14:23

Tgt Ion: 50 Resp: 374

Ion Ratio Lower Upper

50 100

52 31.5 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

500

400

300

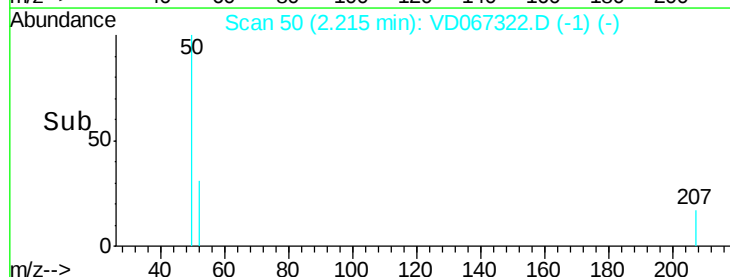
200

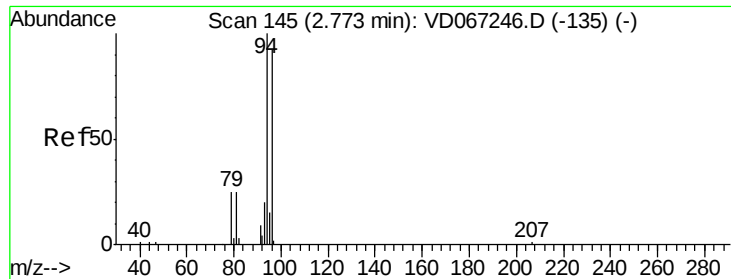
100

0

Time-->

2.18 2.20 2.22 2.24





#5

Bromomethane

Concen: 1.656 ug/l

RT: 2.73 min Scan# 138

Delta R.T. -0.04 min

Lab File: VD067322.D

Acq: 20 Oct 2020 14:23

Instrument :

MSVOA_D

ClientSampleId :

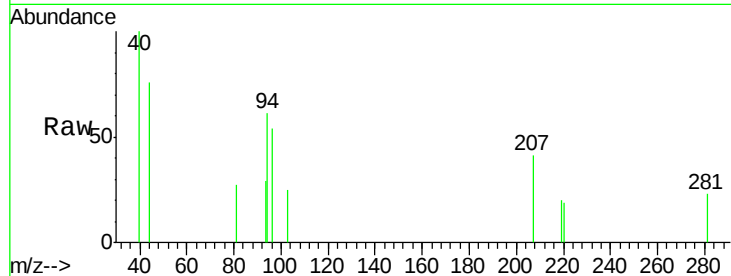
34A

Tot Ion: 94 Resp: 1044

Ion Ratio Lower Upper

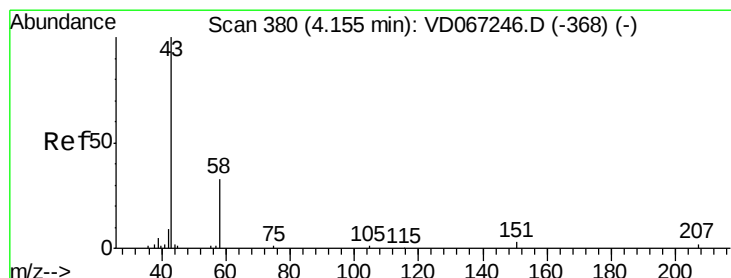
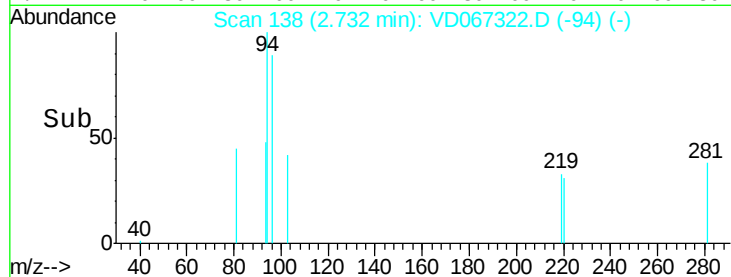
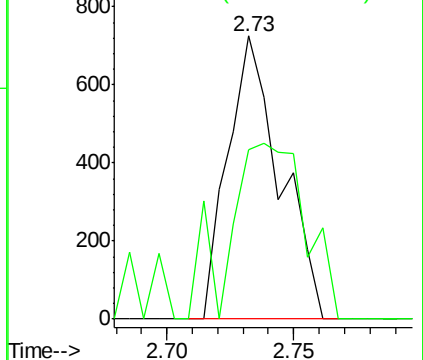
94 100

96 60.0 73.8 110.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#16

Acetone

Concen: 80.364 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067322.D

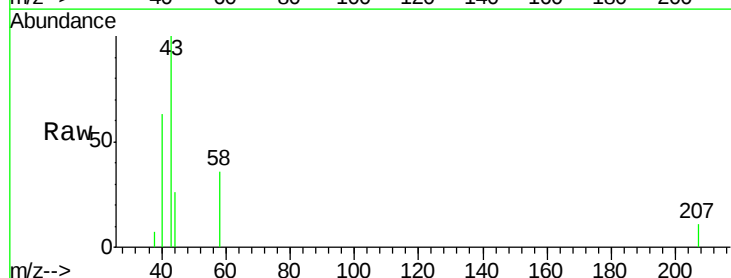
Acq: 20 Oct 2020 14:23

Tgt Ion: 43 Resp: 6238

Ion Ratio Lower Upper

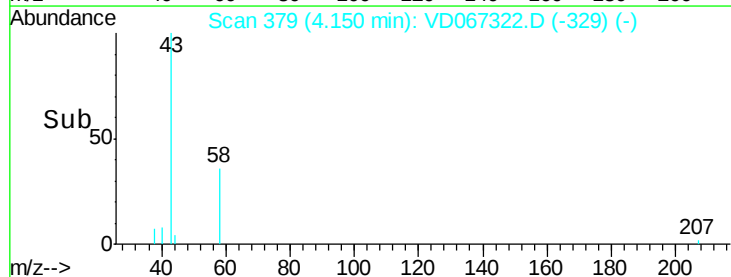
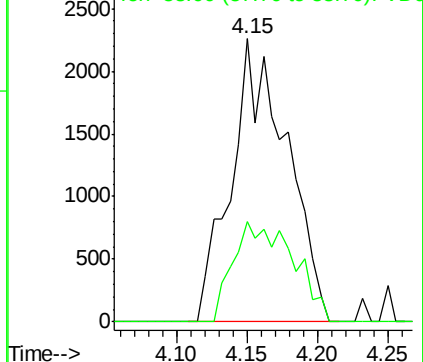
43 100

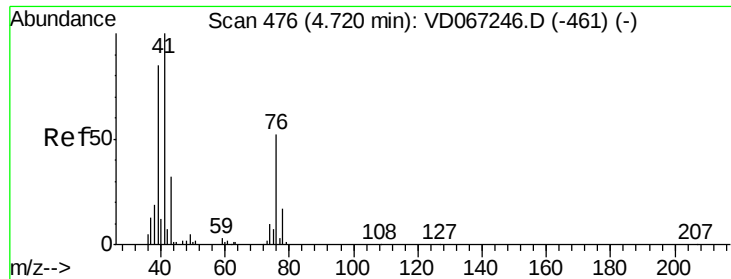
58 35.5 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

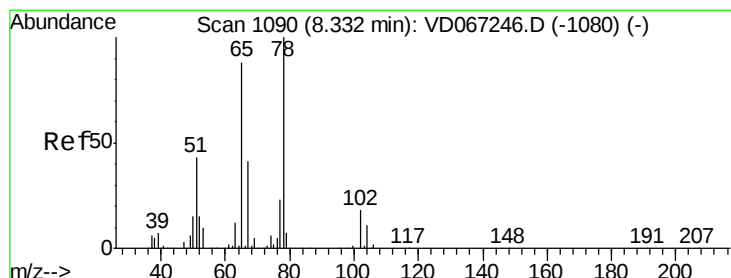
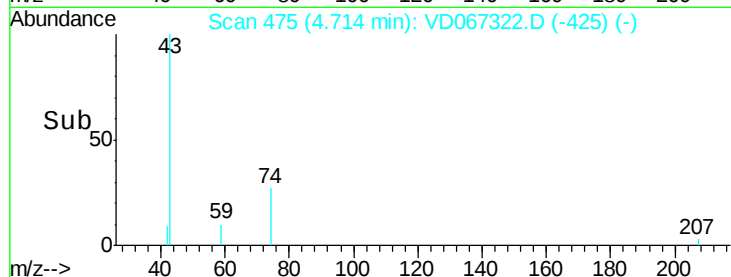
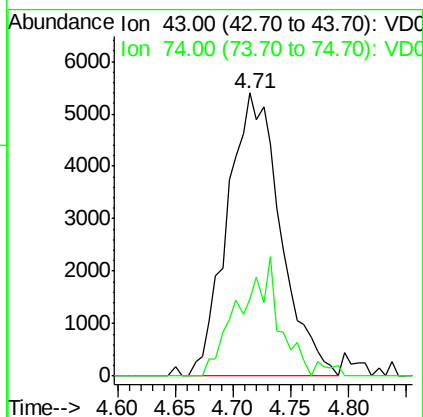
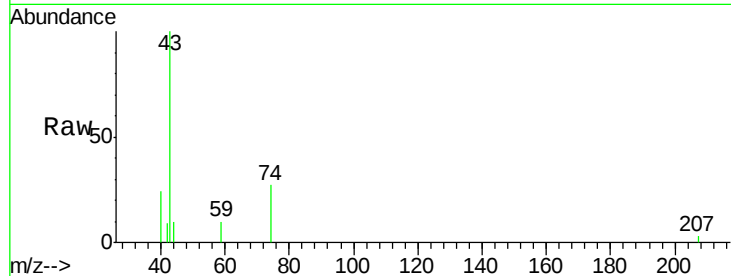




#18
Methyl Acetate
Concen: 97.822 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067322.D
Acq: 20 Oct 2020 14:23

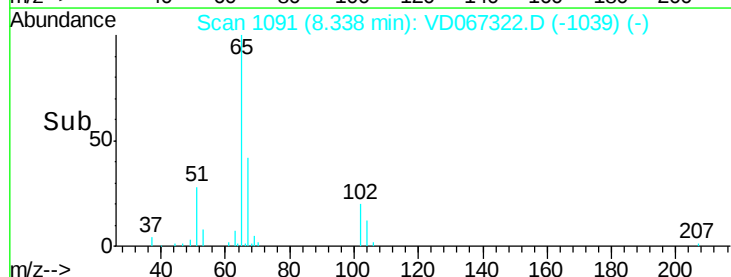
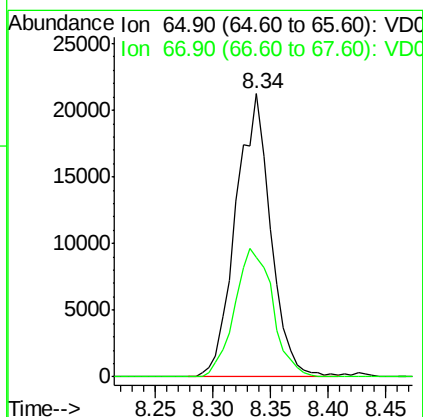
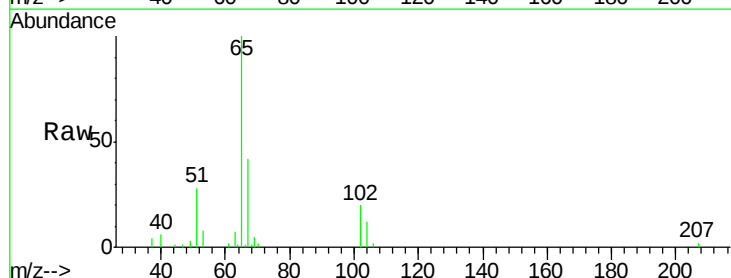
Instrument :
MSVOA_D
ClientSampled :
34A

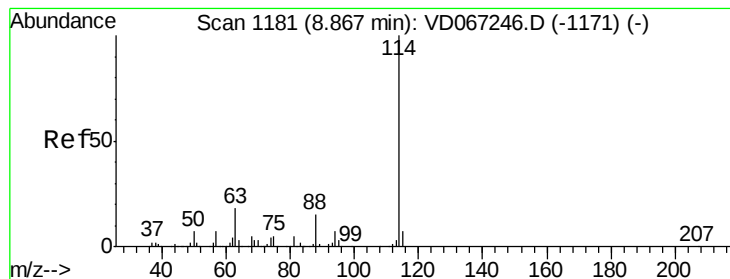
Tot Ion: 43 Resp: 17319
Ion Ratio Lower Upper
43 100
74 31.5 26.6 39.8



#33
1,2-Dichloroethane-d4
Concen: 80.515 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD067322.D
Acq: 20 Oct 2020 14:23

Tgt Ion: 65 Resp: 44625
Ion Ratio Lower Upper
65 100
67 49.3 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067322.D

Acq: 20 Oct 2020 14:23

Instrument :

MSVOA_D

ClientSampleId :

34A

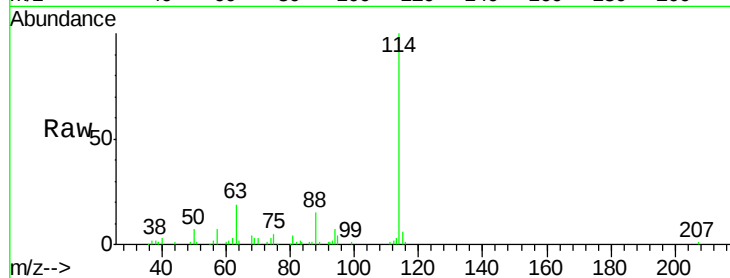
Tot Ion:114 Resp: 90879

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

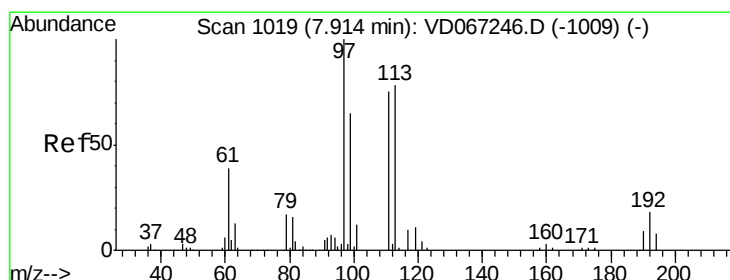
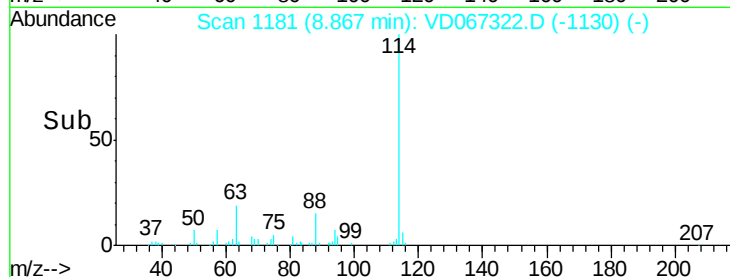
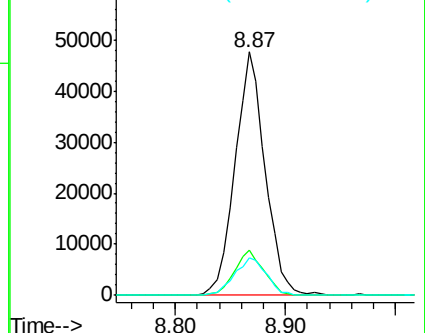
88 15.4 0.0 30.6



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: 57.353 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067322.D

Acq: 20 Oct 2020 14:23

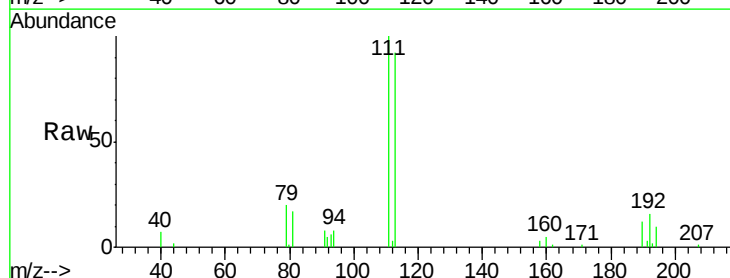
Tgt Ion:113 Resp: 34687

Ion Ratio Lower Upper

113 100

111 104.2 81.6 122.4

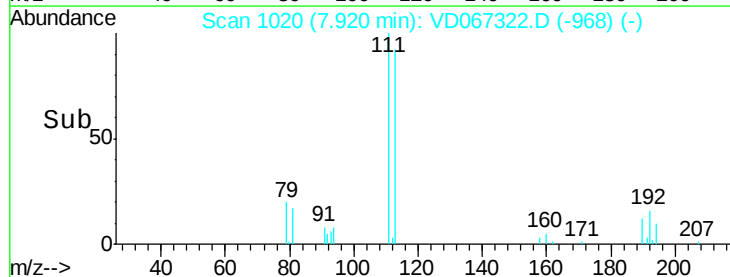
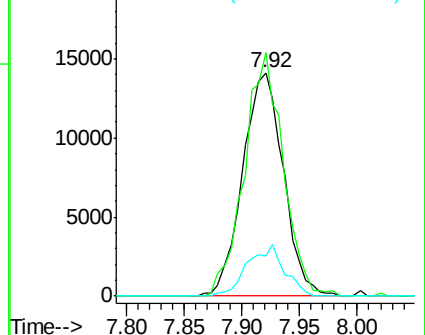
192 20.7 17.0 25.4

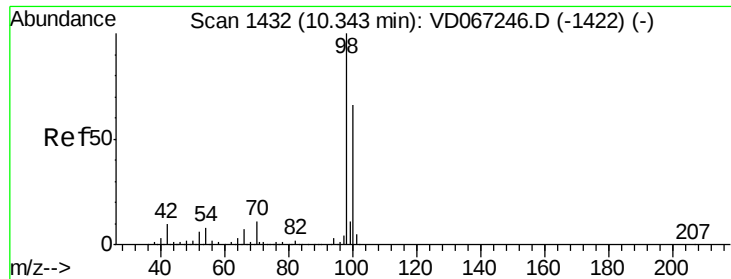


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.094 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067322.D

Acq: 20 Oct 2020 14:23

Instrument :

MSVOA_D

ClientSampleId :

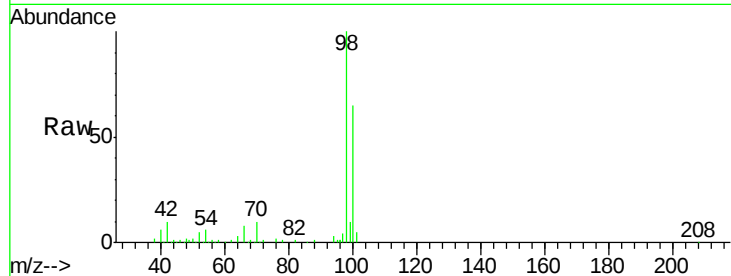
34A

Tot Ion: 98 Resp: 111830

Ion Ratio Lower Upper

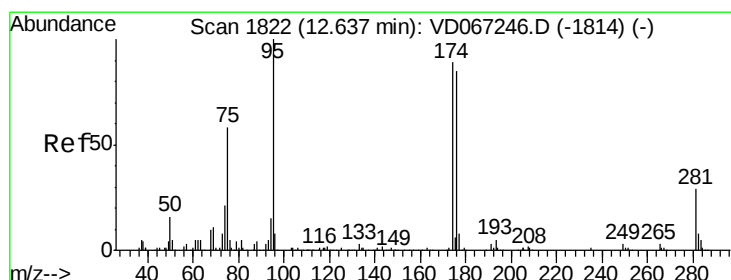
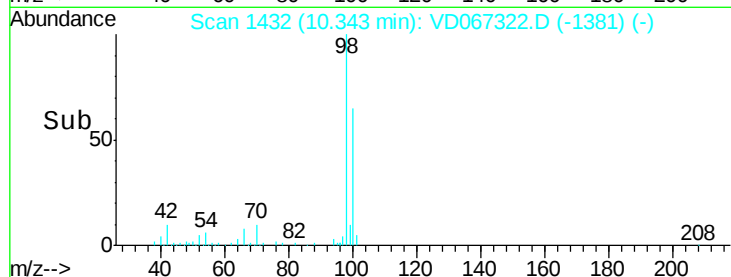
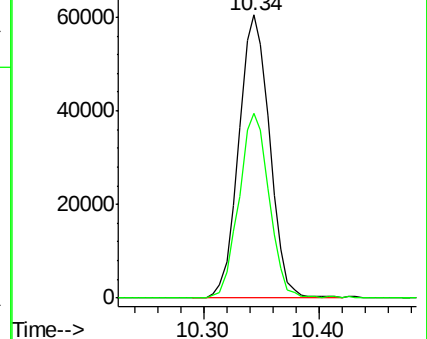
98 100

100 64.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VD067246.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD067246.D (-1422) (-)



#62

4-Bromofluorobenzene

Concen: 55.195 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067322.D

Acq: 20 Oct 2020 14:23

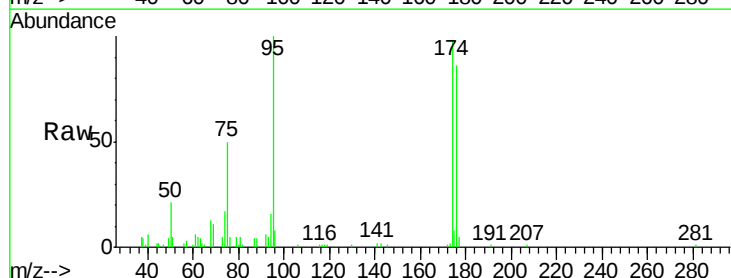
Tgt Ion: 95 Resp: 42007

Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.2

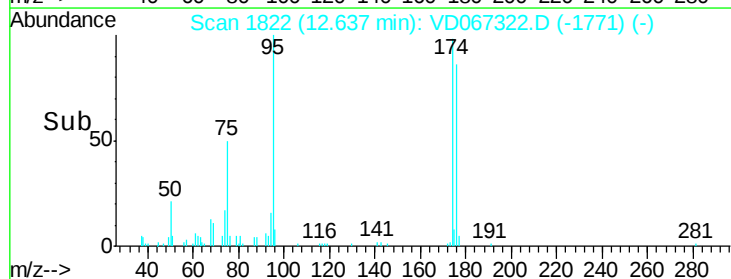
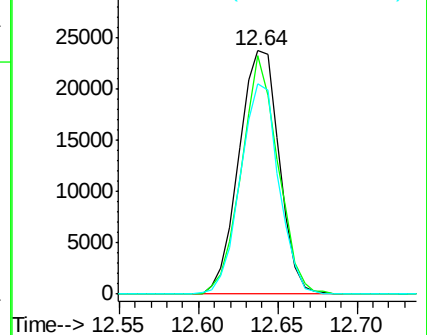
176 82.3 0.0 168.6

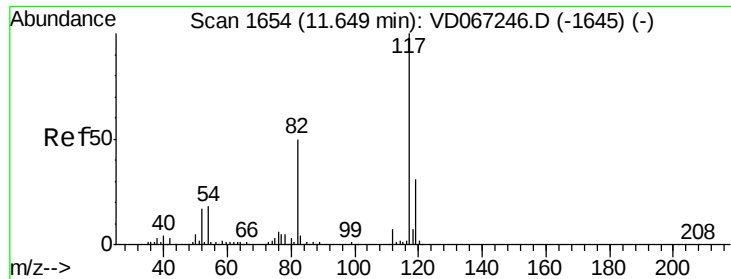


Abundance Ion 94.90 (94.60 to 95.60): VD067246.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD067246.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD067246.D (-1814) (-)

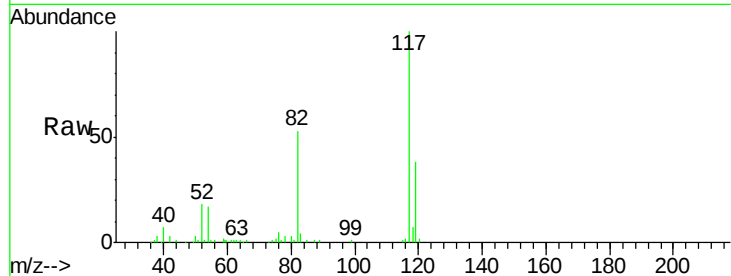




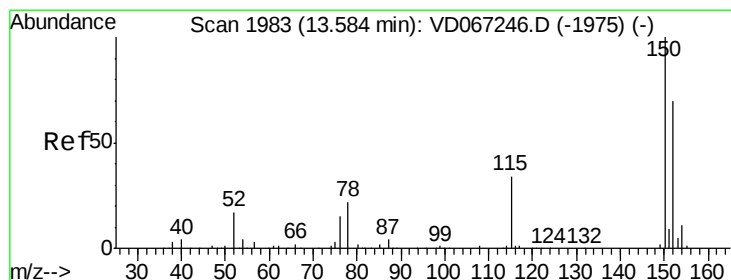
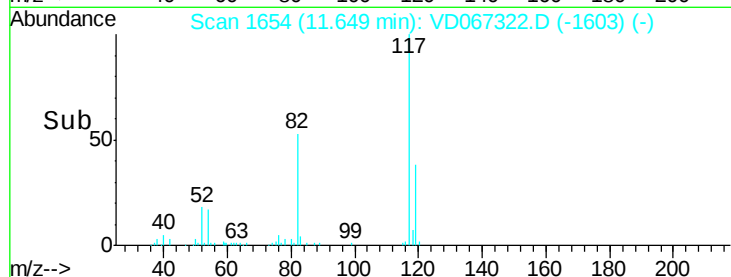
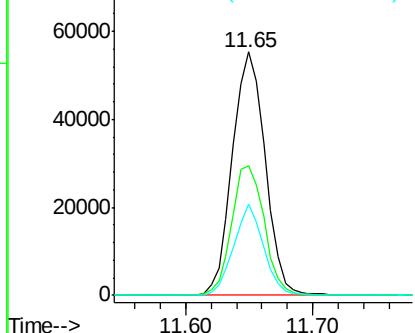
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067322.D
Acq: 20 Oct 2020 14:23

Instrument :
MSVOA_D
ClientSampleId :
34A

Tot Ion:117 Resp: 99134
Ion Ratio Lower Upper
117 100
82 53.3 39.9 59.9
119 37.7 24.9 37.3#

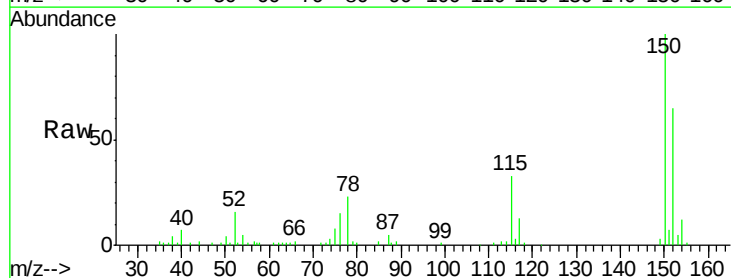


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067322.D
Acq: 20 Oct 2020 14:23

Tgt Ion:152 Resp: 48802
Ion Ratio Lower Upper
152 100
115 56.5 29.3 87.9
150 158.6 0.0 339.0



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

