

Data File : VD067770.D
Acq On : 24 Nov 2020 16:17
Operator : VA/SY
Sample : L4857-02
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
340EM-STOCKPILE-EAST

Quant Time: Nov 25 02:05:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	944	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.57	152	202	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	54	8.12	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	16.24%#		
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000	Range 54 - 147		Recovery =	0.00%#		
50) Toluene-d8	10.34	98	1232	45.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.28%		
62) 4-Bromofluorobenzene	12.65	95	354	37.95	ug/l	0.01
Spiked Amount 50.000	Range 25 - 144		Recovery =	75.90%		

Target Compounds

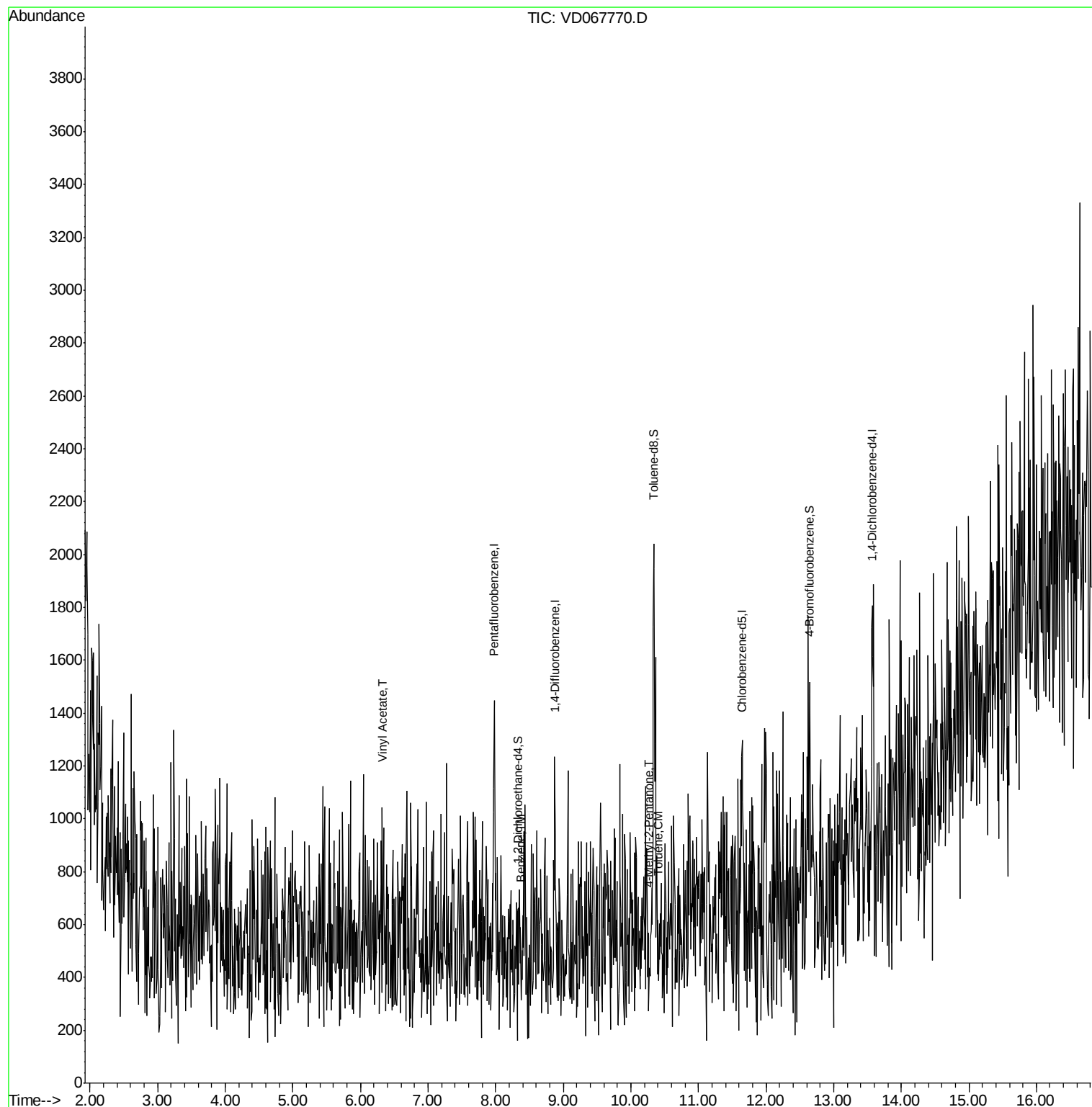
						Qvalue
23) Vinyl Acetate	6.32	43	62	10.259	ug/l #	65
40) Benzene	8.37	78	71	2.568	ug/l #	54
51) 4-Methyl-2-Pentanone	10.26	43	59	23.197	ug/l #	32
52) Toluene	10.41	92	54	2.879	ug/l #	1

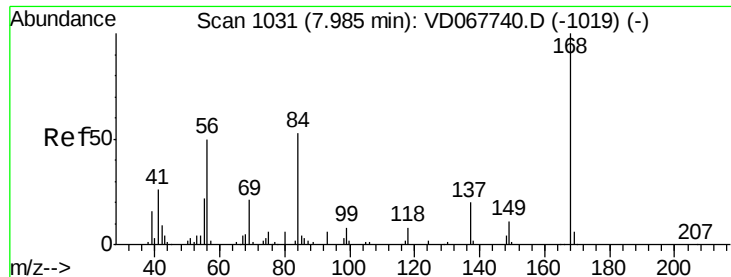
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

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Acq: 24 Nov 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

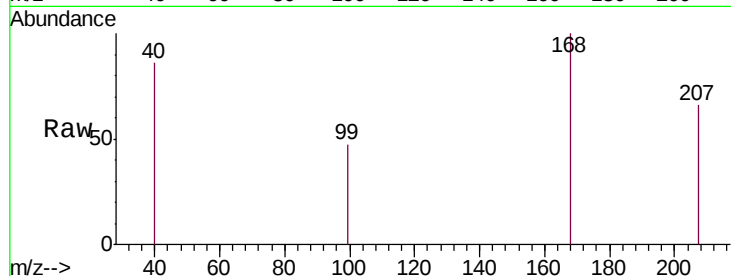
340EM-STOCKPILE-EAST

Tgt Ion: 168 Resp: 684

Ion Ratio Lower Upper

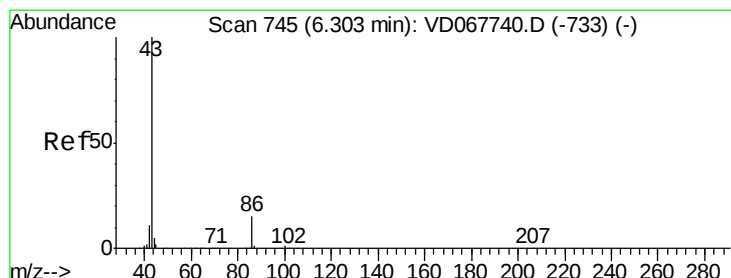
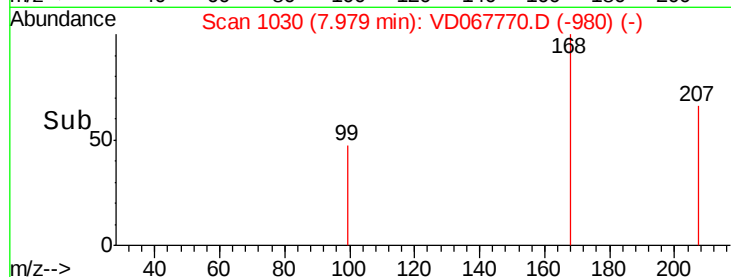
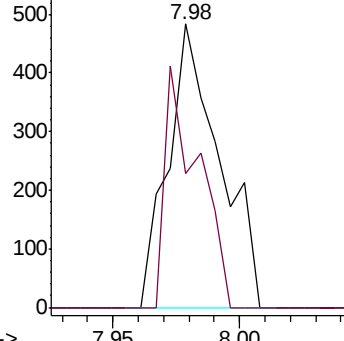
168 100

99 47.4 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#23

Vinyl Acetate

Concen: 10.259 ug/l

RT: 6.32 min Scan# 748

Delta R.T. 0.02 min

Lab File: VD067770.D

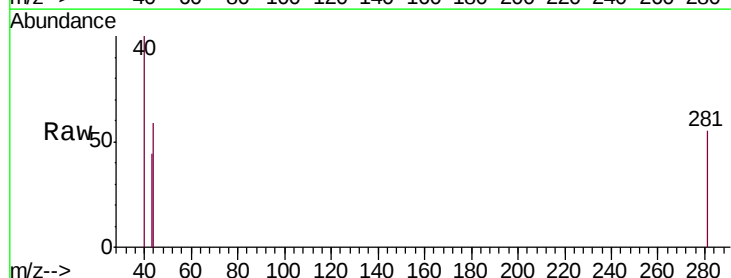
Acq: 24 Nov 2020 16:17

Tgt Ion: 43 Resp: 62

Ion Ratio Lower Upper

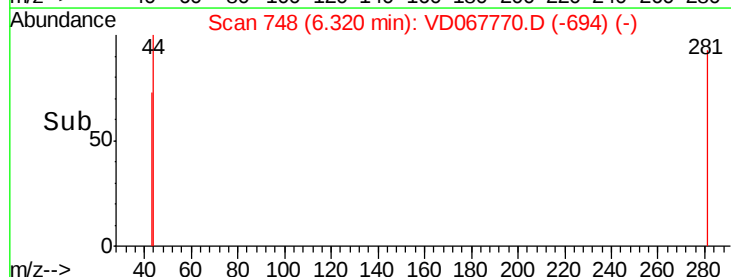
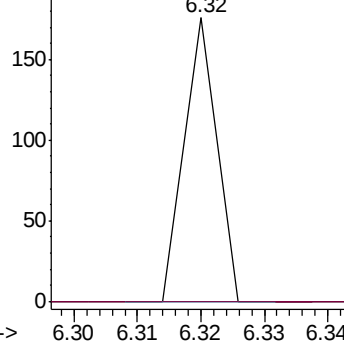
43 100

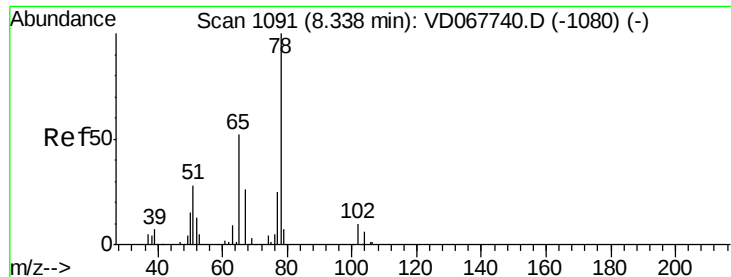
86 0.0 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 8.120 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067770.D

Acq: 24 Nov 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

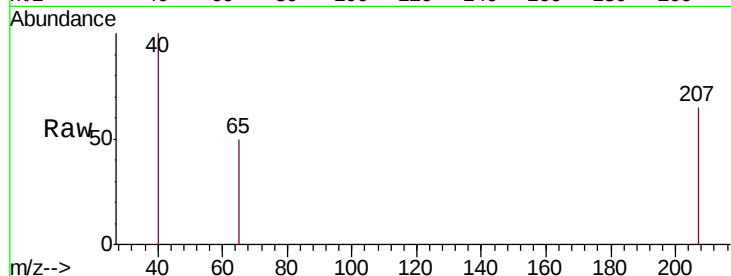
340EM-STOCKPILE-EAST

Tgt Ion: 65 Resp: 54

Ion Ratio Lower Upper

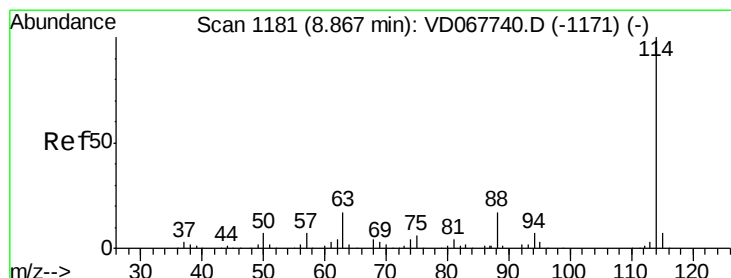
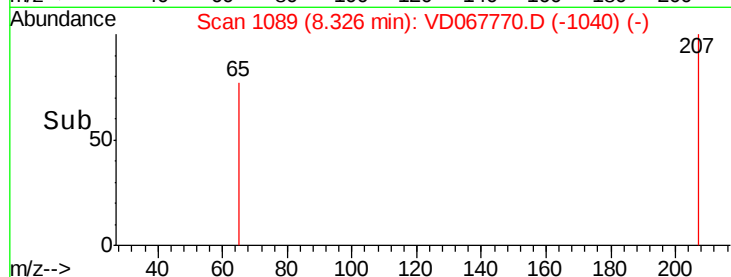
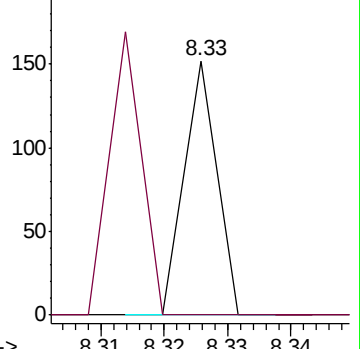
65 100

67 111.1 0.0 101.0#



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# 1182

Delta R.T. 0.01 min

Lab File: VD067770.D

Acq: 24 Nov 2020 16:17

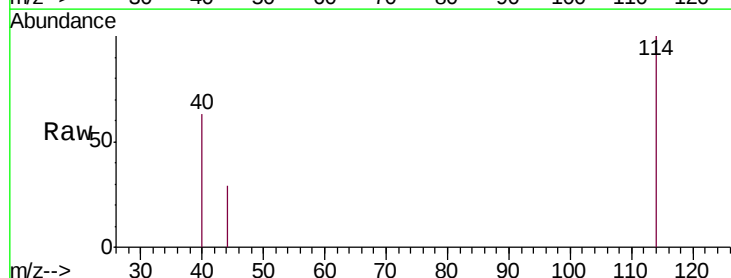
Tgt Ion: 114 Resp: 1173

Ion Ratio Lower Upper

114 100

63 0.0 0.0 34.8

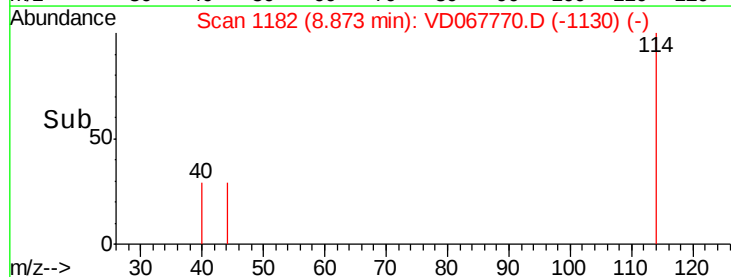
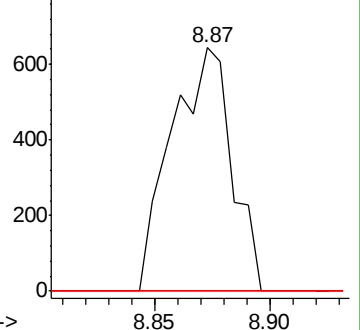
88 0.0 0.0 34.4

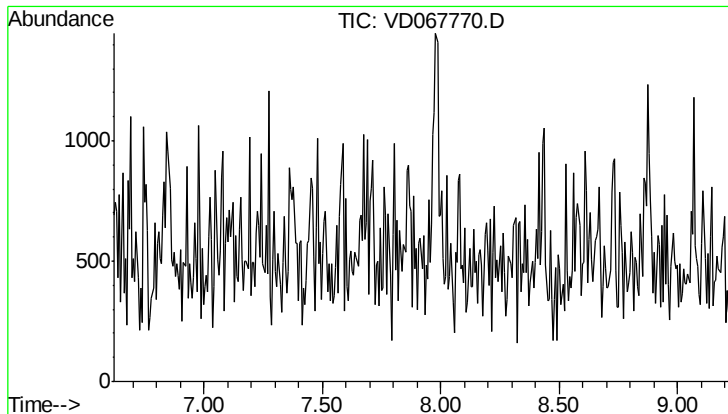


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



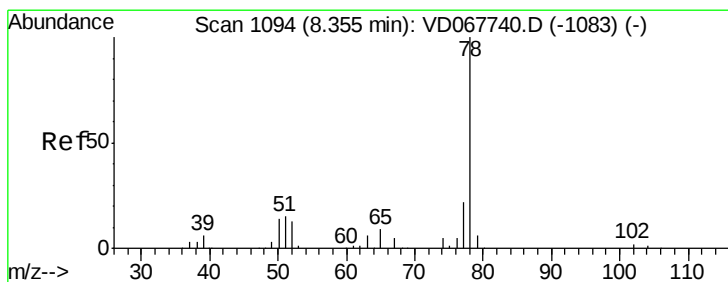
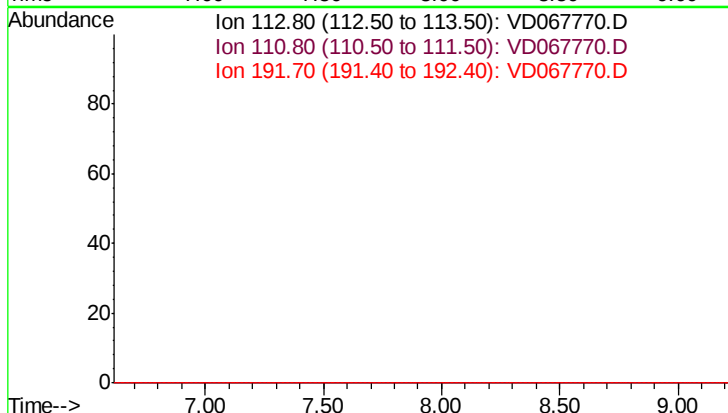


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.91 min
 Lab File: VD067770.D
 Acq: 24 Nov 2020 16:17

Instrument :
 MSVOA_D
 ClientSampleId :
 340EM-STOCKPILE-EAST

Tgt Ion: 113

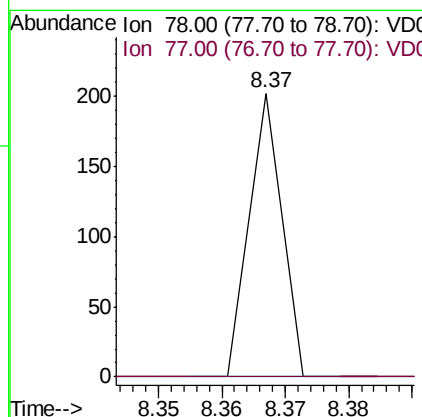
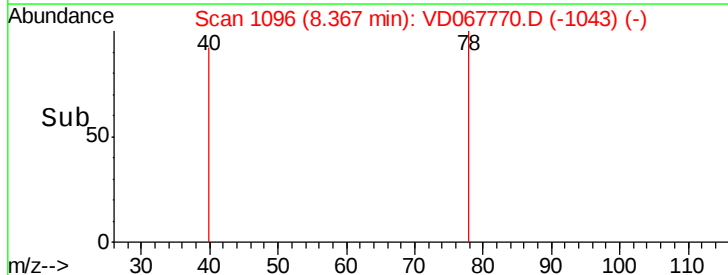
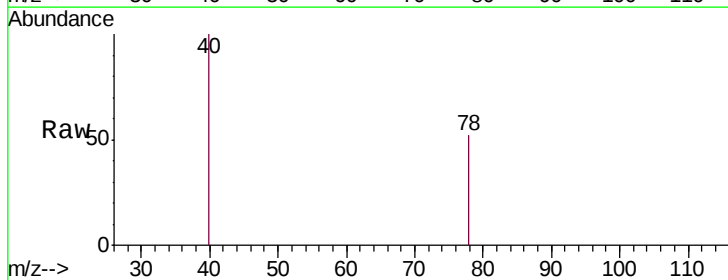
Sig	Exp Ratio
113	100
111	101.7
192	21.2

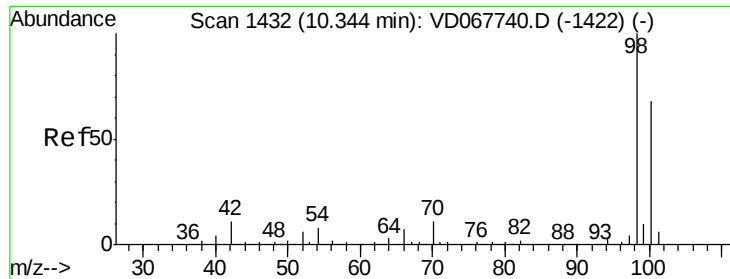


#40
 Benzene
 Concen: 2.568 ug/l
 RT: 8.37 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: VD067770.D
 Acq: 24 Nov 2020 16:17

Tgt Ion: 78 Resp: 71

Ion	Ratio	Lower	Upper
78	100		
77	0.0	17.8	26.6#





#50

Toluene-d8

Concen: 45.141 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD067770.D

Acq: 24 Nov 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

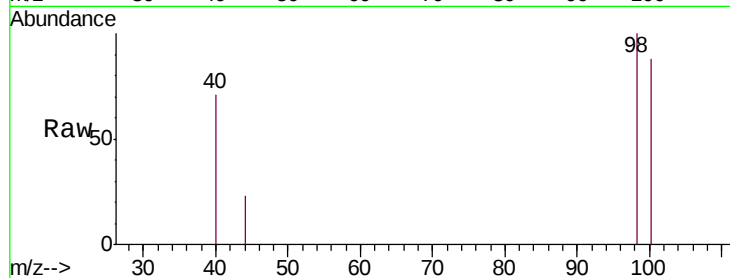
340EM-STOCKPILE-EAST

Tgt Ion: 98 Resp: 1232

Ion Ratio Lower Upper

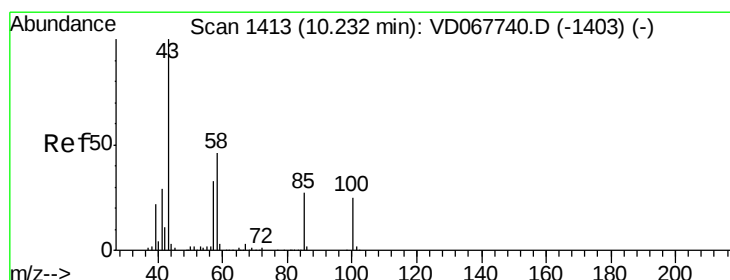
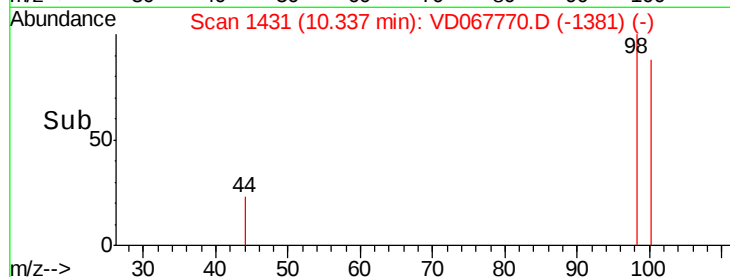
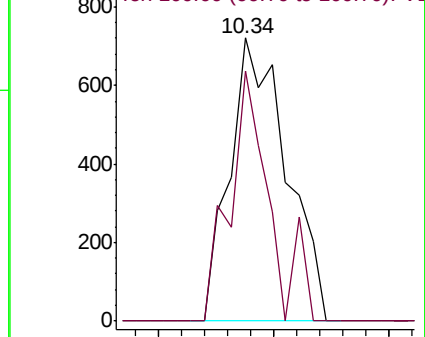
98 100

100 61.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 23.197 ug/l

RT: 10.26 min Scan# 1417

Delta R.T. 0.02 min

Lab File: VD067770.D

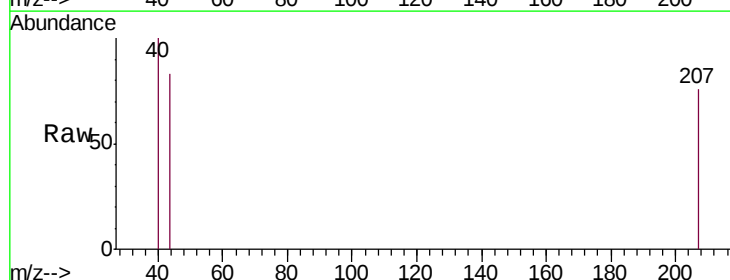
Acq: 24 Nov 2020 16:17

Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

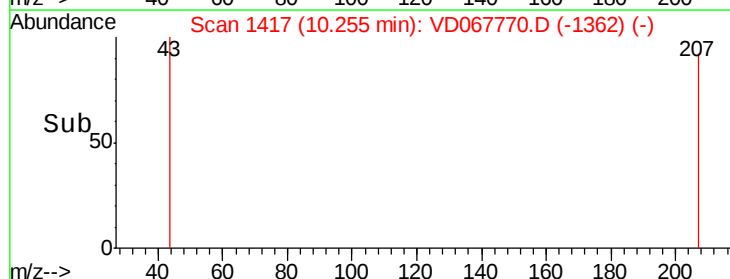
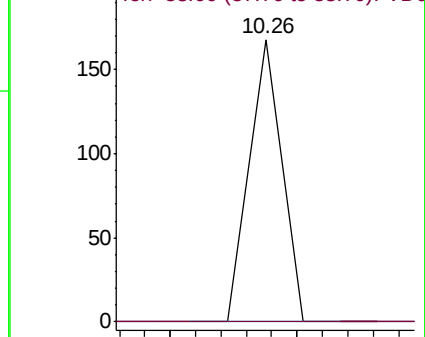
43 100

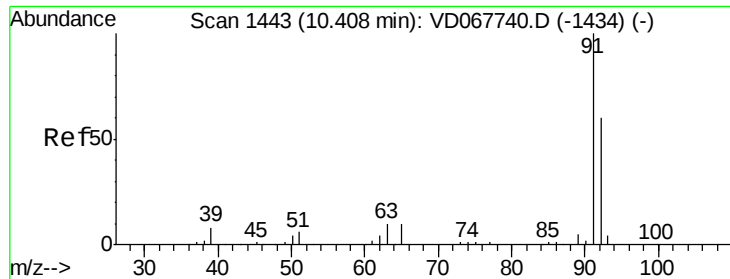
58 0.0 34.7 52.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#52

Toluene

Concen: 2.879 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067770.D

Acq: 24 Nov 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

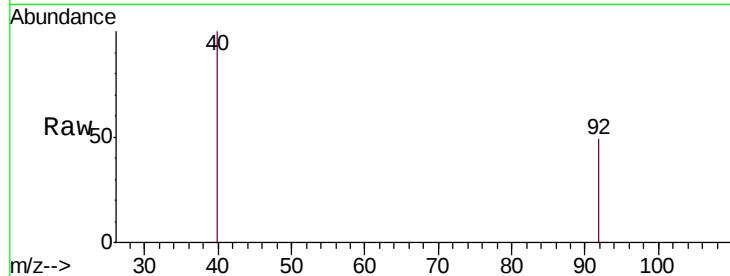
340EM-STOCKPILE-EAST

Tgt Ion: 92 Resp: 54

Ion Ratio Lower Upper

92 100

91 0.0 135.4 203.0#



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

150

100

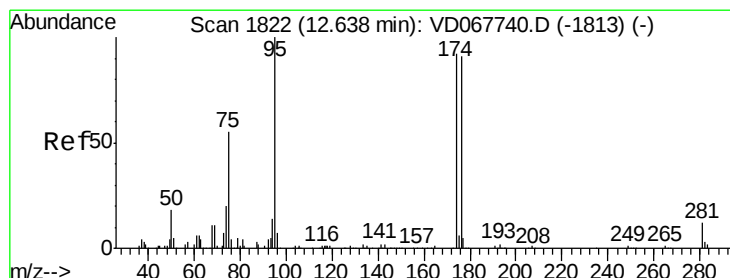
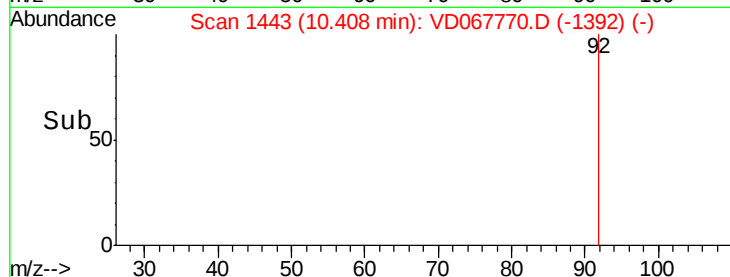
50

0

10.40

10.42

Time-->



#62

4-Bromofluorobenzene

Concen: 37.948 ug/l

RT: 12.65 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VD067770.D

Acq: 24 Nov 2020 16:17

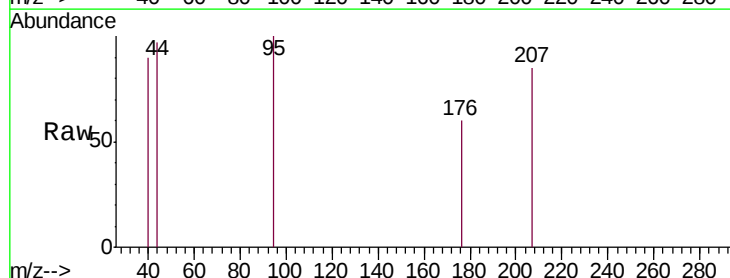
Tgt Ion: 95 Resp: 354

Ion Ratio Lower Upper

95 100

174 72.9 0.0 182.4

176 51.7 0.0 178.2



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

12.65

400

300

200

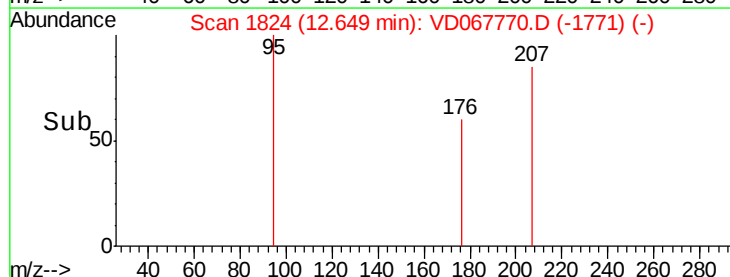
100

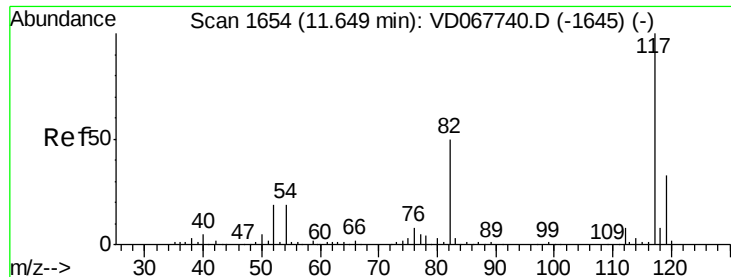
0

12.60

12.65

Time-->

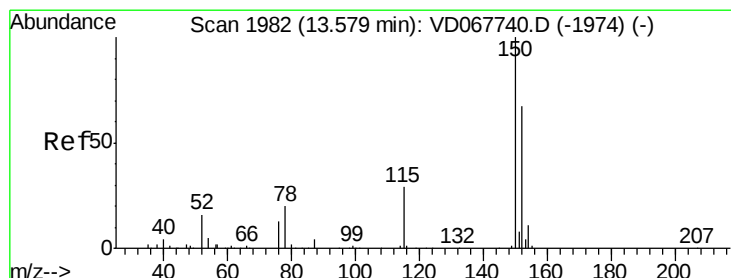
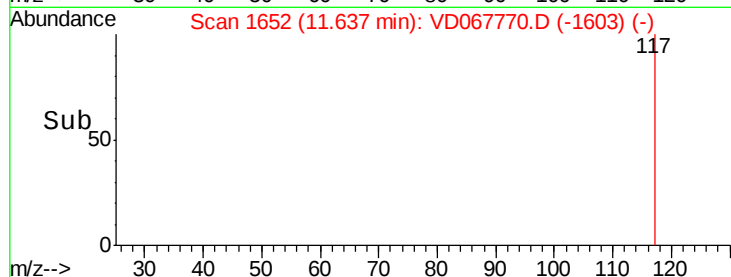
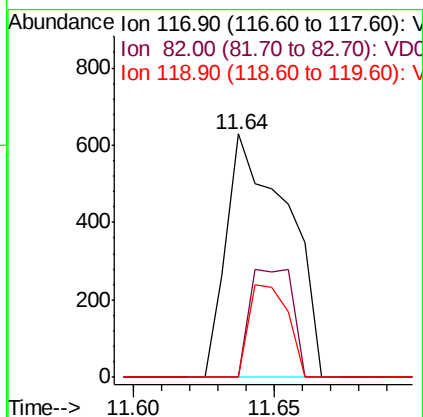
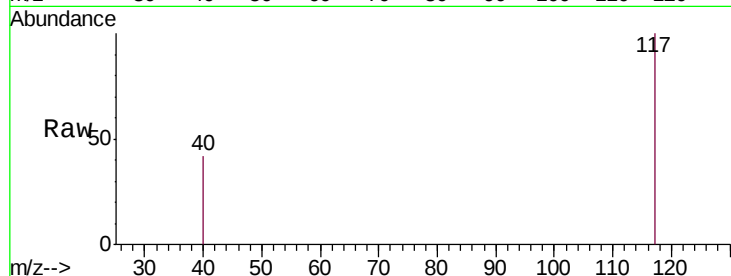




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VD067770.D
Acq: 24 Nov 2020 16:17

Instrument :
MSVOA_D
ClientSampleId :
340EM-STOCKPILE-EAST

Tgt Ion:117 Resp: 944
Ion Ratio Lower Upper
117 100
82 0.0 40.2 60.4#
119 0.0 26.5 39.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD067770.D
Acq: 24 Nov 2020 16:17

Tgt Ion:152 Resp: 202
Ion Ratio Lower Upper
152 100
115 99.0 29.4 88.3#
150 283.2 0.0 340.6

