

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067796.D
 Acq On : 25 Nov 2020 19:21
 Operator : VA/SY
 Sample : L4857-02
 Misc : 6.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 340EM-STOCKPILE-EAST

Quant Time: Nov 26 00:26:43 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	7.99	168	9676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	16157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	12500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	9059	96.29	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	192.58%#		
35) Dibromofluoromethane	7.93	113	5666	55.10	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.20%		
50) Toluene-d8	10.34	98	15134	40.26	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	80.52%		
62) 4-Bromofluorobenzene	12.64	95	3993	31.08	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	62.16%		

Target Compounds

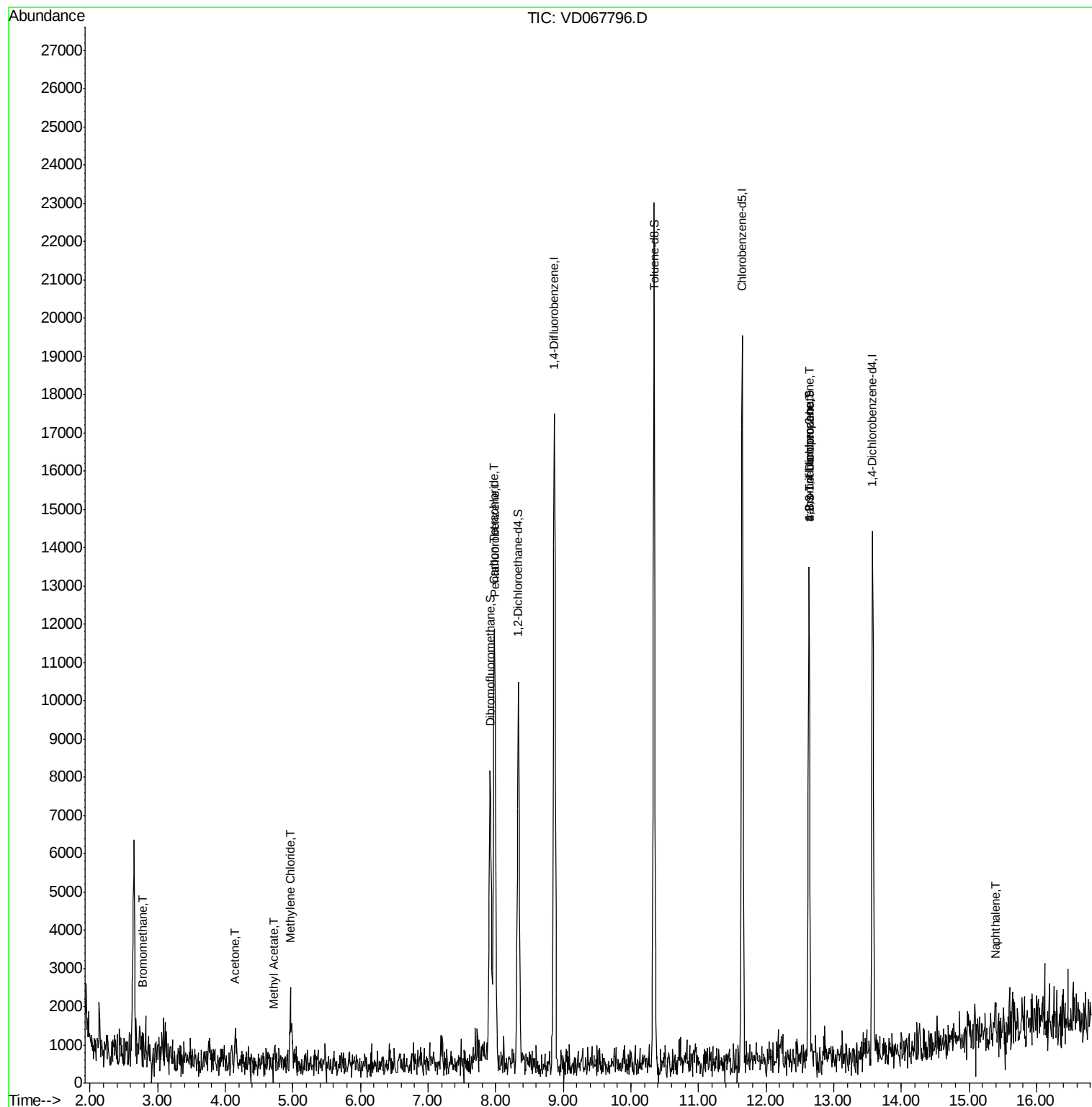
					Qvalue	
5) Bromomethane	2.77	94	65	1.299	ug/l #	3
16) Acetone	4.14	43	751	61.790	ug/l #	40
18) Methyl Acetate	4.71	43	605	24.742	ug/l #	73
20) Methylene Chloride	4.97	84	894	2.898	ug/l #	61
38) Carbon Tetrachloride	7.98	117	1146	5.702	ug/l #	12
76) 1,2,3-Trichloropropane	12.63	75	2642	84.240	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	2642	197.030	ug/l #	11
95) Naphthalene	15.40	128	238	1.681	ug/l #	69

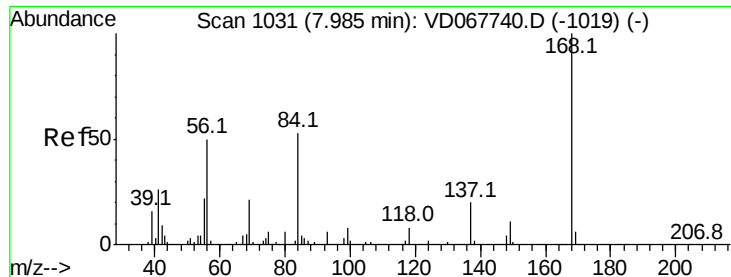
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067796.D

Acq: 25 Nov 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

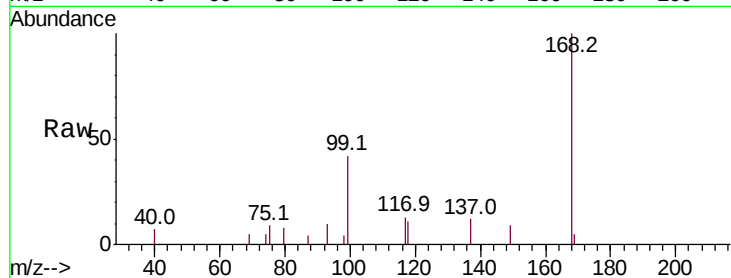
340EM-STOCKPILE-EAST

Tot Ion:168 Resp: 9676

Ion Ratio Lower Upper

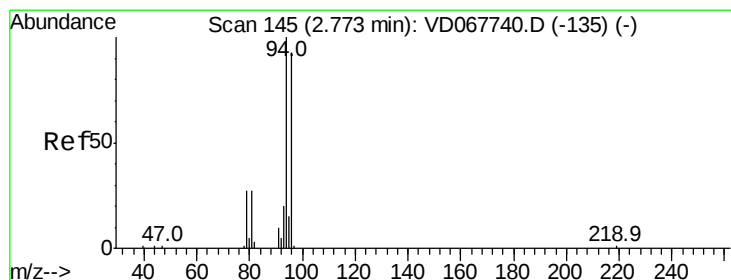
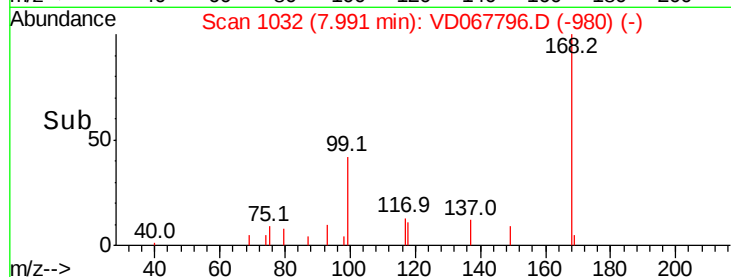
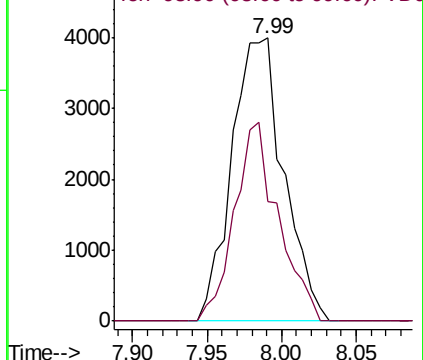
168 100

99 42.0 43.8 65.8#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: 1.299 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067796.D

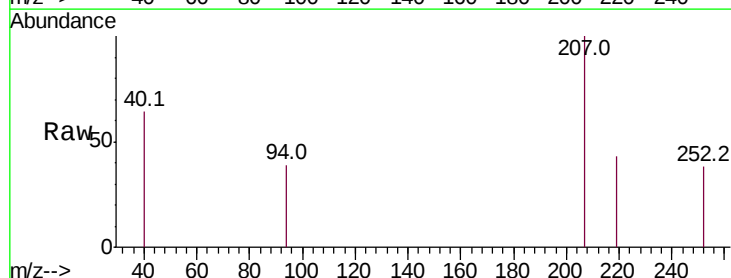
Acq: 25 Nov 2020 19:21

Tgt Ion: 94 Resp: 65

Ion Ratio Lower Upper

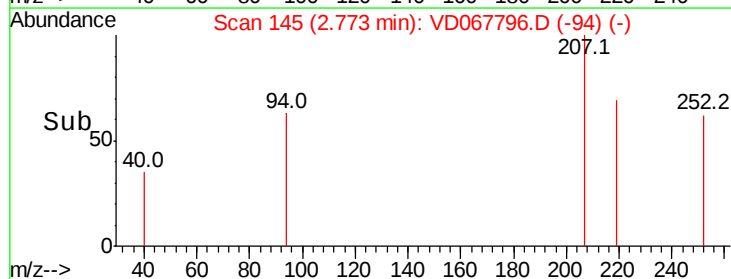
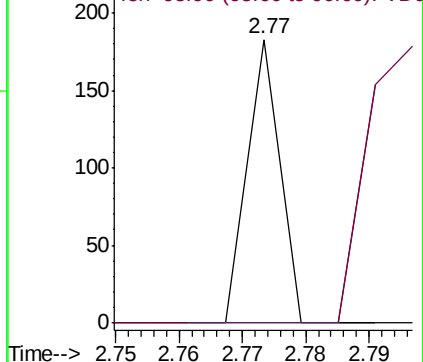
94 100

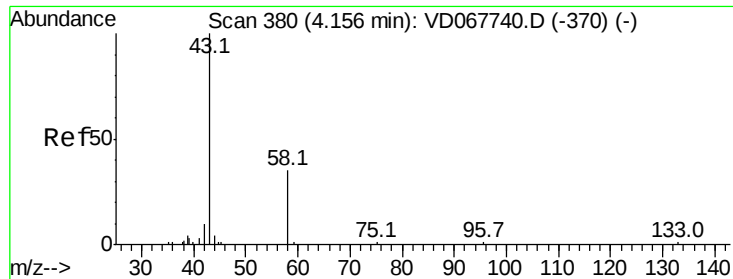
96 0.0 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 61.790 ug/l

RT: 4.14 min Scan# 378

Delta R.T. -0.01 min

Lab File: VD067796.D

Acq: 25 Nov 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

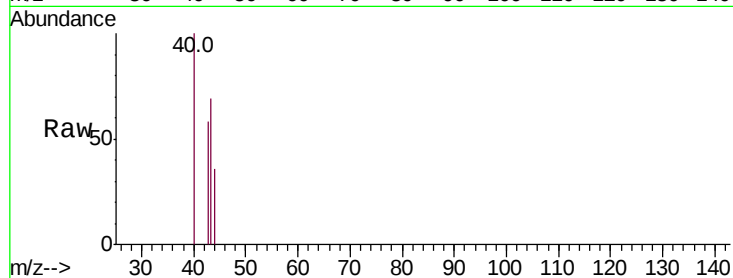
340EM-STOCKPILE-EAST

Tot Ion: 43 Resp: 751

Ion Ratio Lower Upper

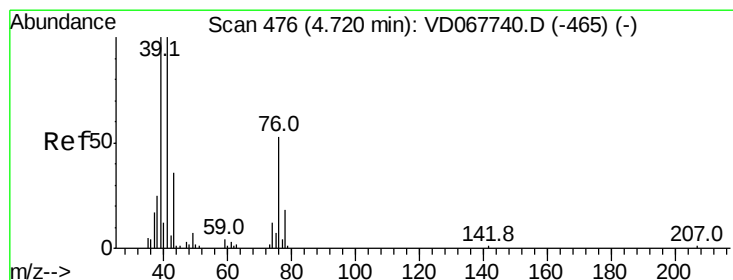
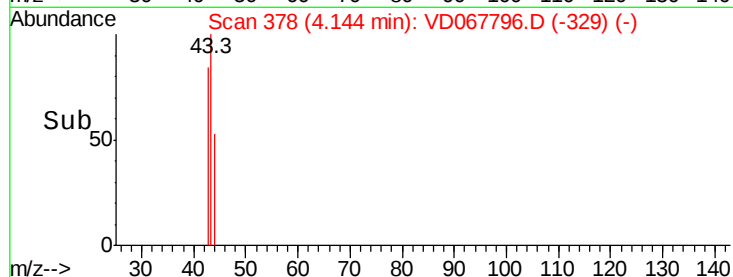
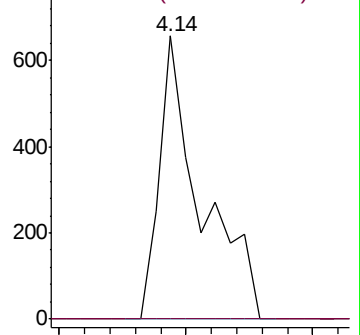
43 100

58 0.0 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#18

Methyl Acetate

Concen: 24.742 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067796.D

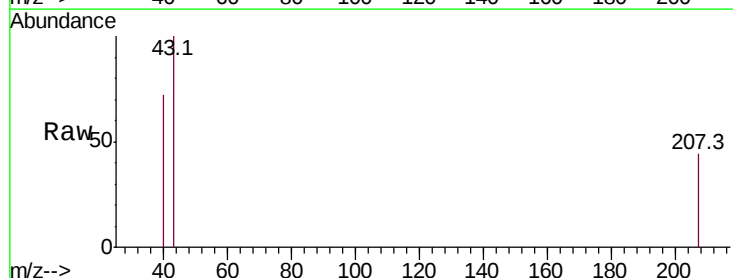
Acq: 25 Nov 2020 19:21

Tgt Ion: 43 Resp: 605

Ion Ratio Lower Upper

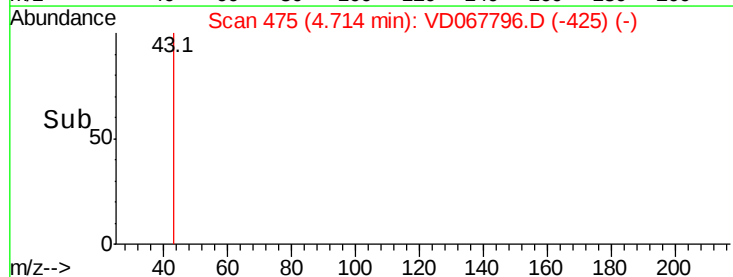
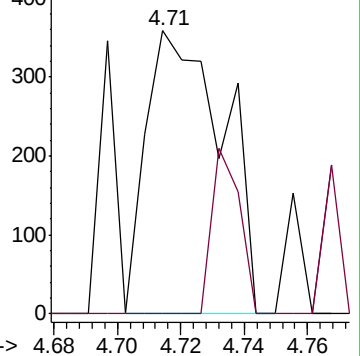
43 100

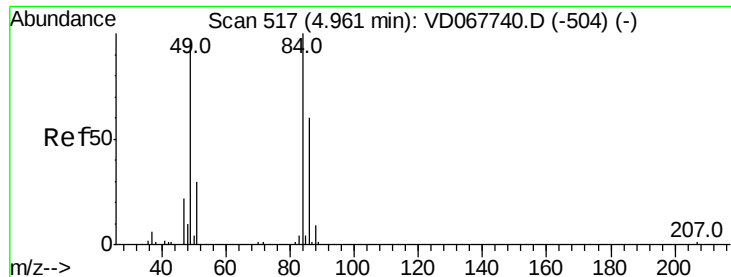
74 21.2 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

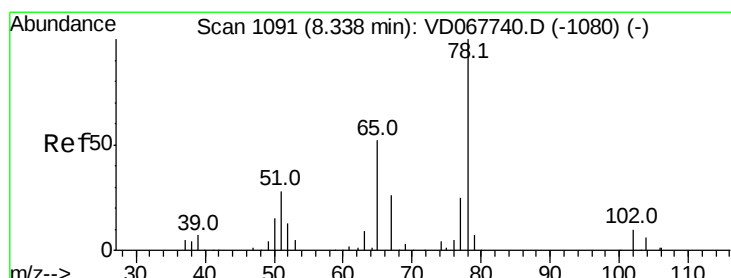
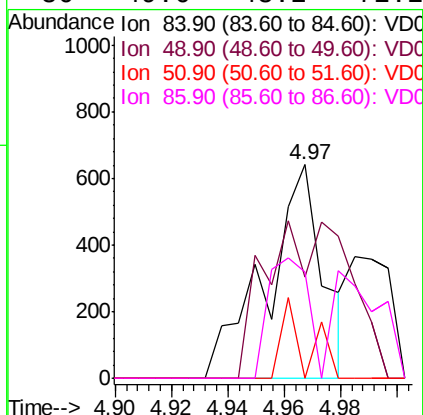
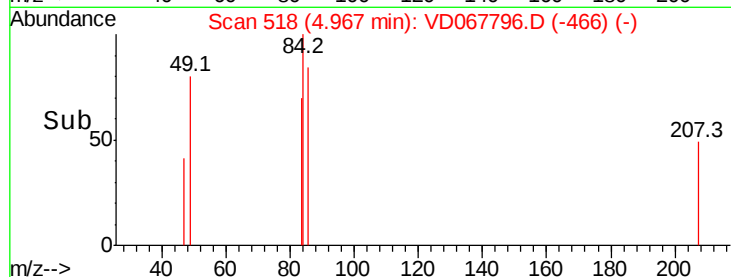
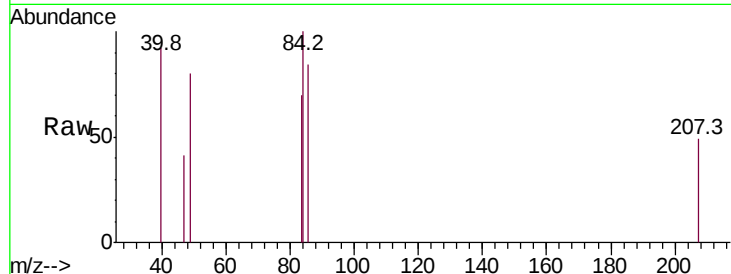




#20
Methvlene Chloride
Concen: 2.898 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067796.D
Acq: 25 Nov 2020 19:21

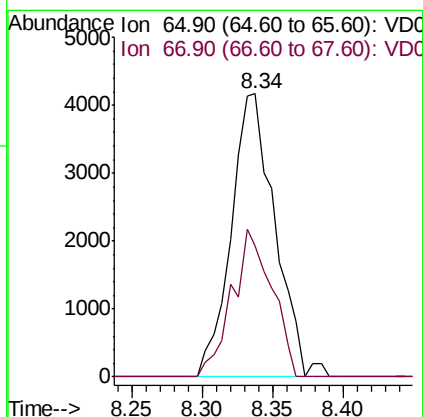
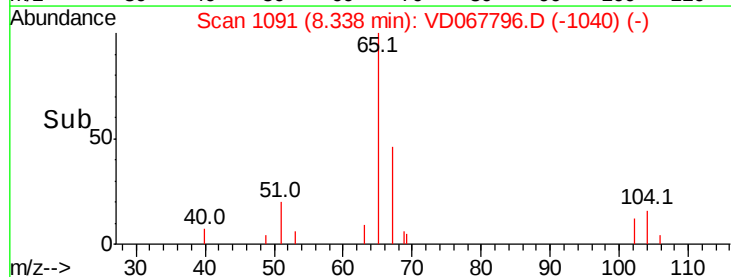
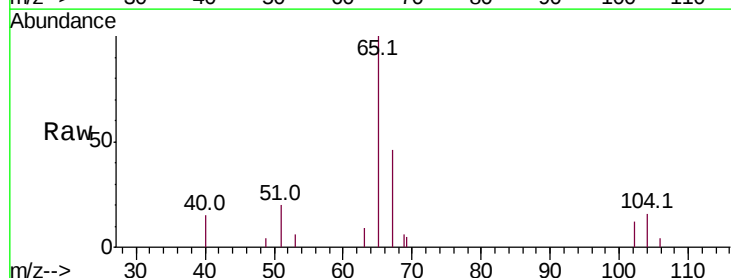
Instrument :
MSVOA_D
ClientSampleId :
340EM-STOCKPILE-EAST

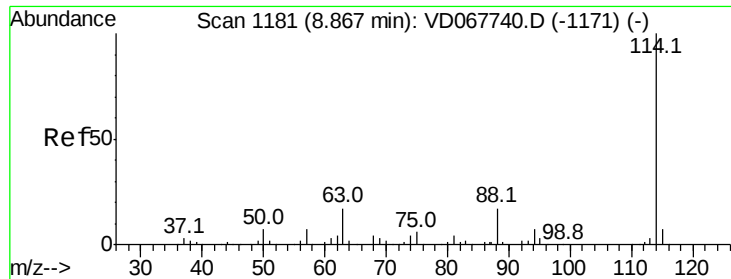
Tot Ion: 84 Resp: 894
Ion Ratio Lower Upper
84 100
49 47.4 77.4 116.2#
51 0.0 24.1 36.1#
86 49.6 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 96.289 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD067796.D
Acq: 25 Nov 2020 19:21

Tgt Ion: 65 Resp: 9059
Ion Ratio Lower Upper
65 100
67 47.4 0.0 101.0

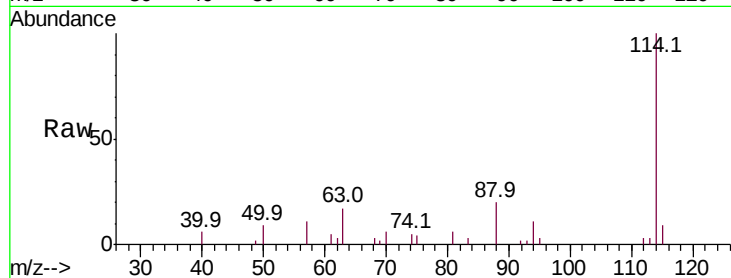




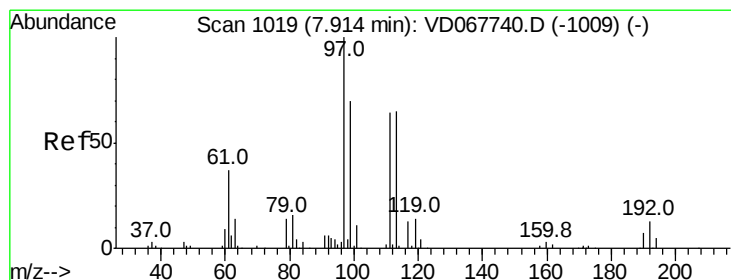
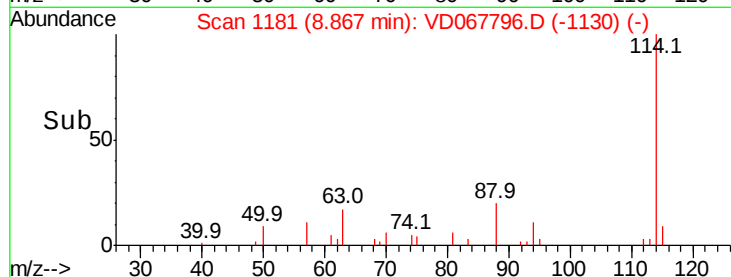
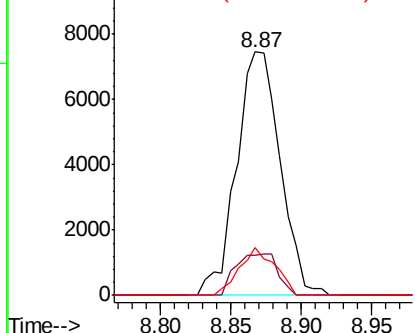
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067796.D
 Acq: 25 Nov 2020 19:21

Instrument :
 MSVOA_D
 ClientSampleId :
 340EM-STOCKPILE-EAST

Tot Ion:114 Resp: 16157
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 34.8
 88 19.8 0.0 34.4

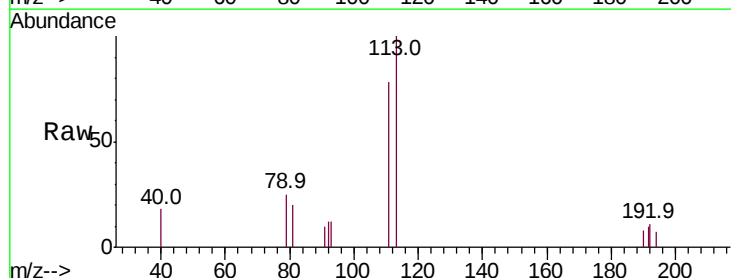


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

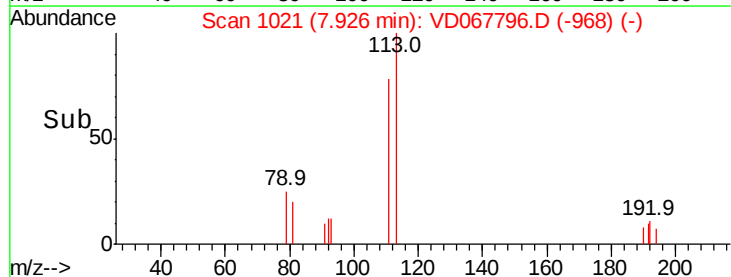
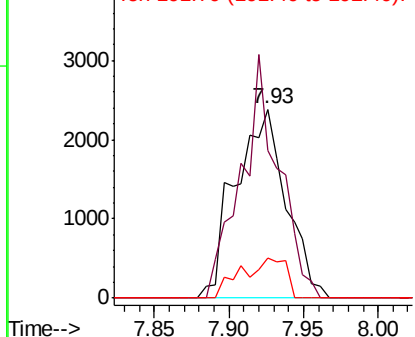


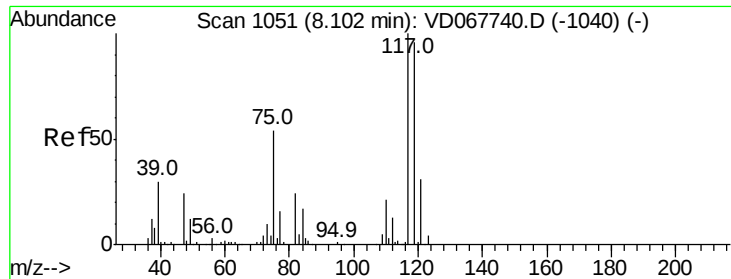
#35
 Dibromofluoromethane
 Concen: 55.105 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD067796.D
 Acq: 25 Nov 2020 19:21

Tgt Ion:113 Resp: 5666
 Ion Ratio Lower Upper
 113 100
 111 94.5 81.4 122.0
 192 18.4 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





#38

Carbon Tetrachloride

Concen: 5.702 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD067796.D

Acq: 25 Nov 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

340EM-STOCKPILE-EAST

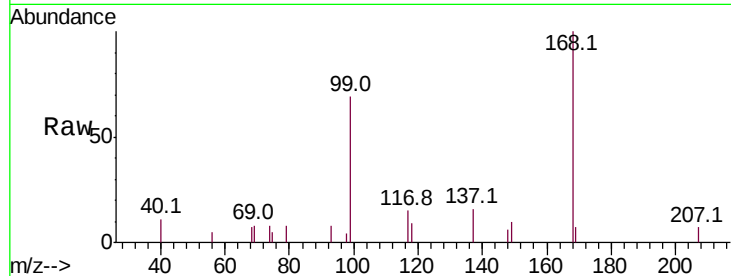
Tot Ion:117 Resp: 1146

Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

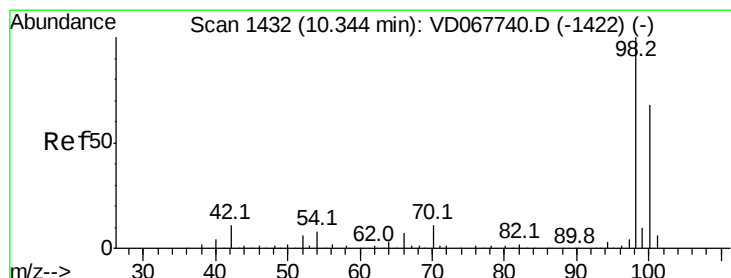
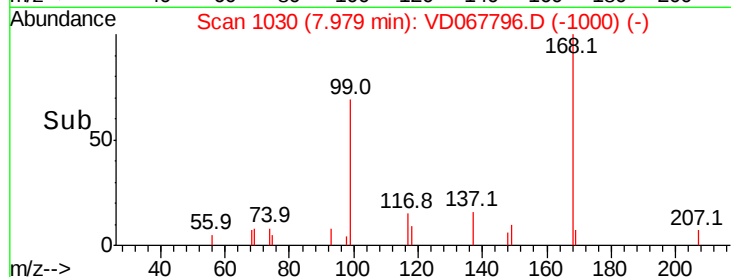
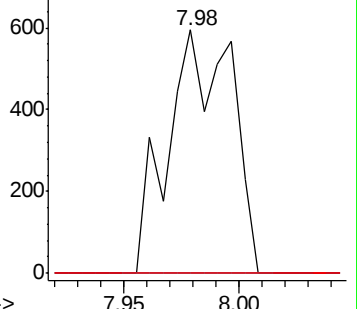
121 0.0 24.5 36.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 40.258 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067796.D

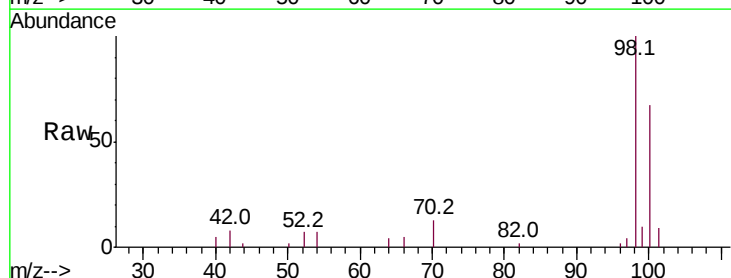
Acq: 25 Nov 2020 19:21

Tgt Ion: 98 Resp: 15134

Ion Ratio Lower Upper

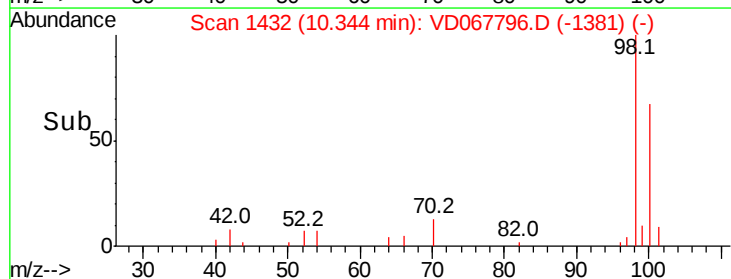
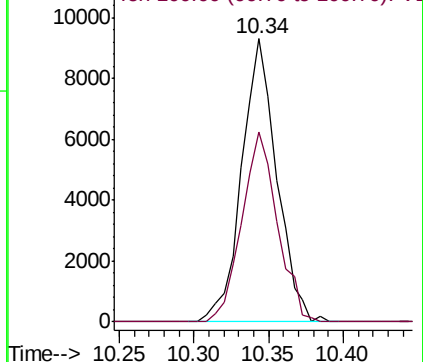
98 100

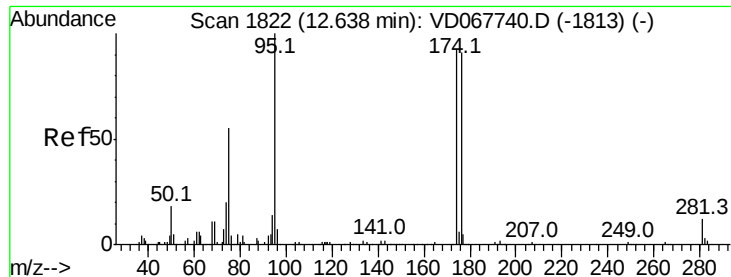
100 68.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

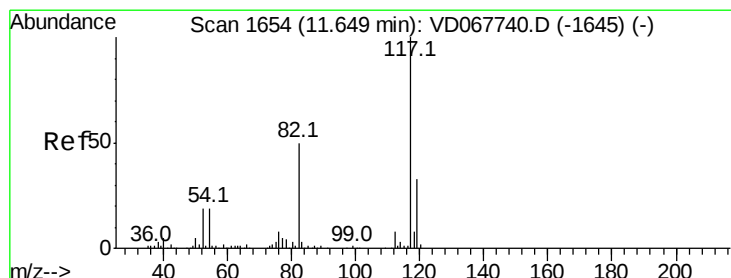
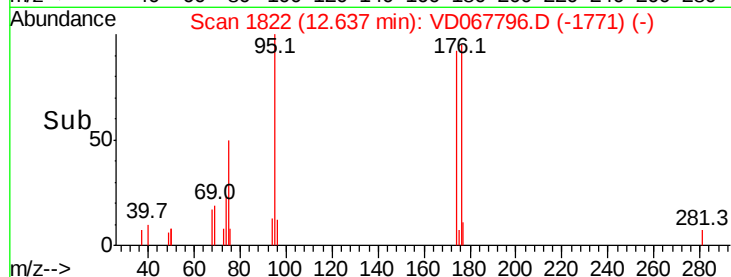
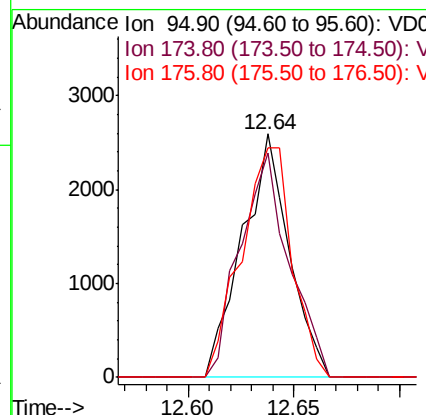
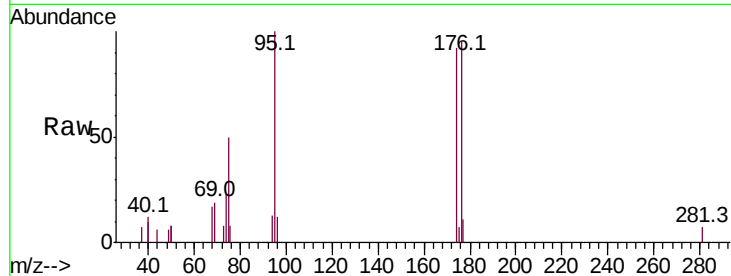




#62
4-Bromofluorobenzene
Concen: 31.075 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067796.D
Acq: 25 Nov 2020 19:21

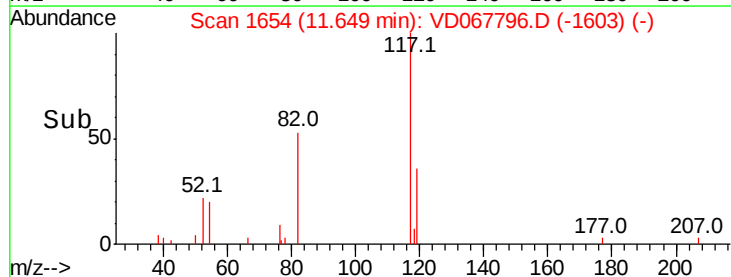
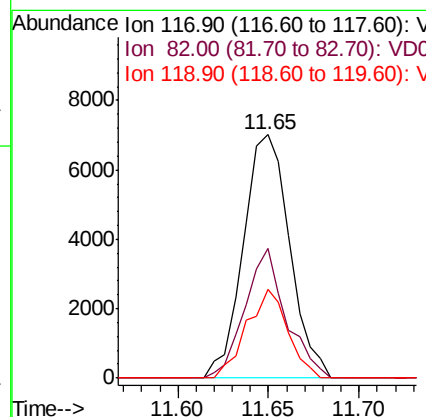
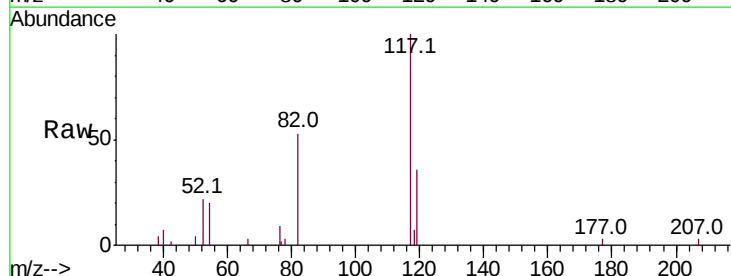
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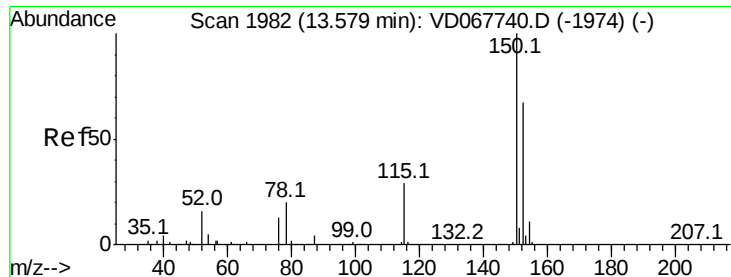
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	182.4
176	103.0	0.0	178.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067796.D
Acq: 25 Nov 2020 19:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	40.2	60.4
119	36.3	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: VD067796.D

Acq: 25 Nov 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

340EM-STOCKPILE-EAST

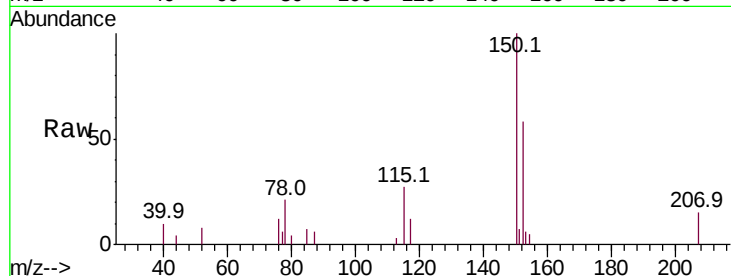
Tot Ion:152 Resp: 4500

Ion Ratio Lower Upper

152 100

115 54.9 29.4 88.3

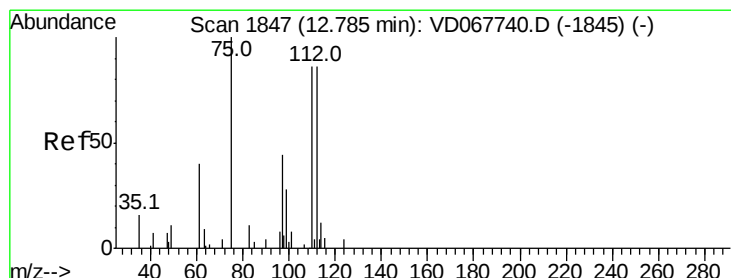
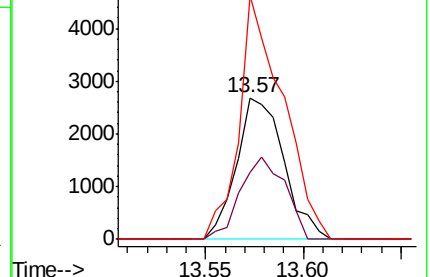
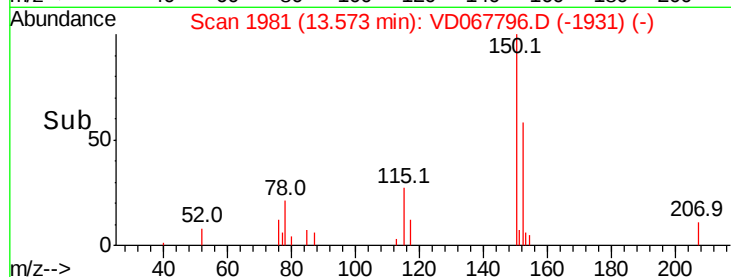
150 159.1 0.0 340.6



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



#76

1,2,3-Trichloropropane

Concen: 84.240 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD067796.D

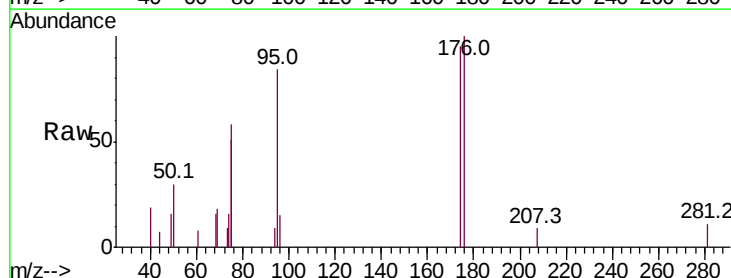
Acq: 25 Nov 2020 19:21

Tgt Ion: 75 Resp: 2642

Ion Ratio Lower Upper

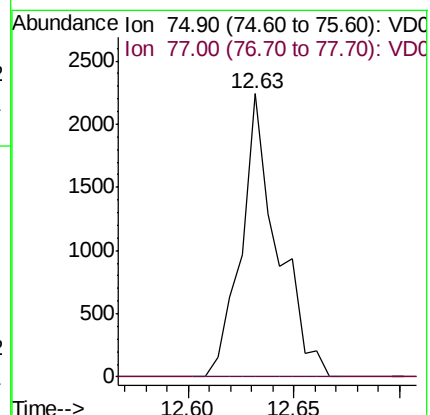
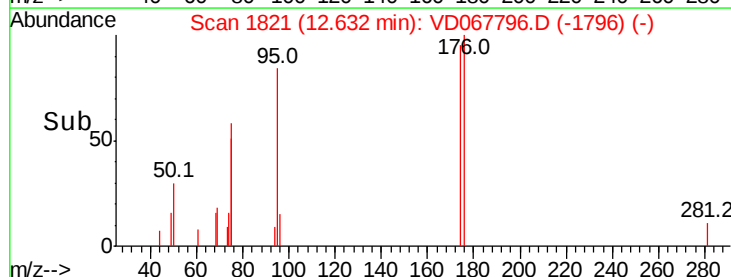
75 100

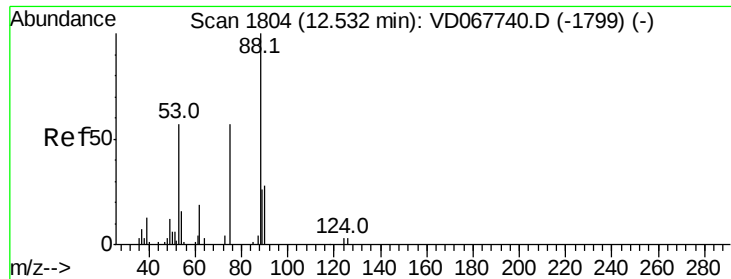
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 197.030 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD067796.D

Acq: 25 Nov 2020 19:21

Instrument :

MSVOA_D

ClientSampleId :

340EM-STOCKPILE-EAST

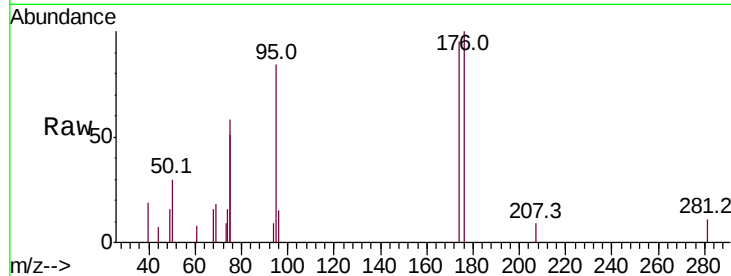
Tot Ion: 75 Resp: 2642

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

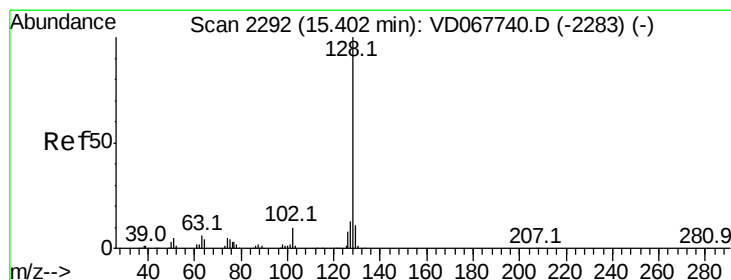
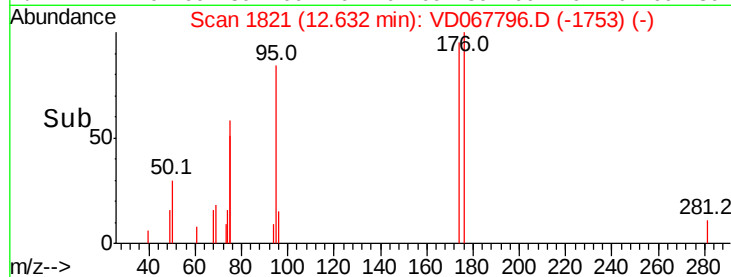
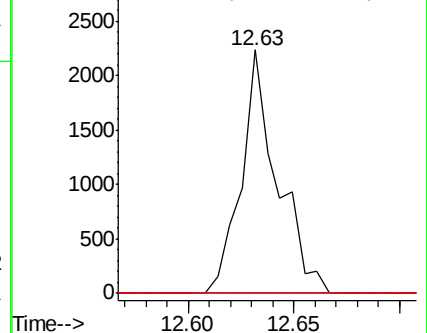
89 0.0 40.2 60.4#



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



#95

Naphthalene

Concen: 1.681 ug/l

RT: 15.40 min Scan# 2291

Delta R.T. -0.01 min

Lab File: VD067796.D

Acq: 25 Nov 2020 19:21

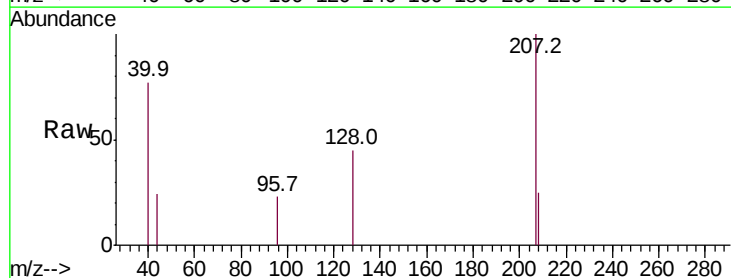
Tgt Ion: 128 Resp: 238

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

