

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062793.D
 Acq On : 20 Jun 2019 14:53
 Operator : VA/AP
 Sample : K3447-06RE
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SIDEWALL-4RE

Quant Time: Jun 21 06:34:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	5668	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.25	114	8905	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	7197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	3527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.48	65	5422	88.00	ug/l	0.02
Spiked Amount	50.000		Recovery	=	176.00%	
35) Dibromofluoromethane	6.95	113	3627	48.30	ug/l	0.02
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	10.44	98	8263	50.56	ug/l	0.03
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	13.57	95	3451	46.44	ug/l	0.02
Spiked Amount	50.000		Recovery	=	92.88%	

Target Compounds

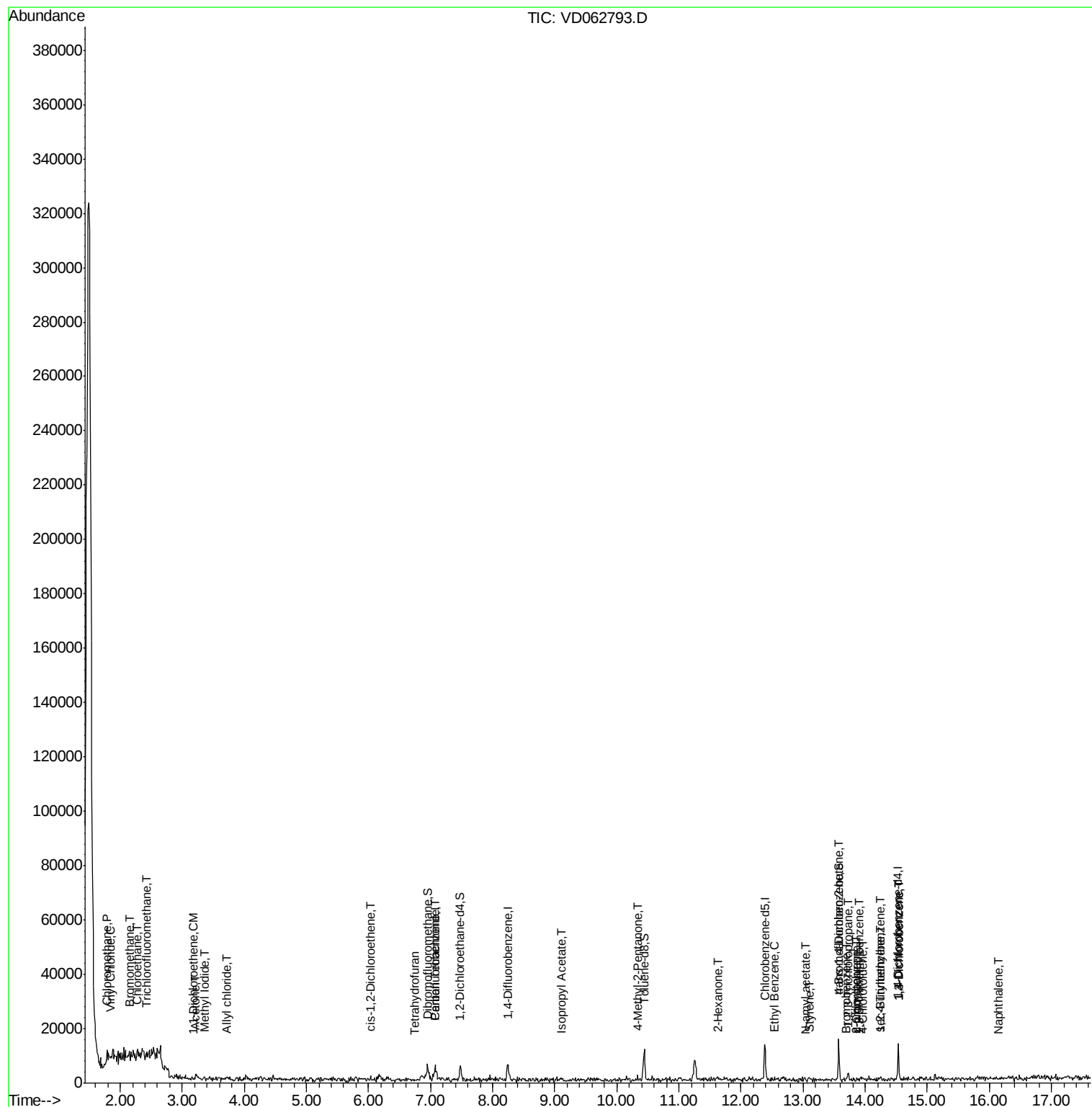
						Qvalue
3) Chloromethane	1.79	50	181	3.281	ug/l #	45
4) Vinyl Chloride	1.84	62	220	4.023	ug/l #	43
5) Bromomethane	2.15	94	1247	48.686	ug/l #	13
6) Chloroethane	2.28	64	277	11.187	ug/l #	46
7) Trichlorofluoromethane	2.44	101	200	1.807	ug/l #	18
10) Methyl Iodide	3.35	142	372	4.702	ug/l #	27
12) 1,1-Dichloroethene	3.18	96	208	4.624	ug/l #	1
14) Allyl chloride	3.71	41	179	2.693	ug/l #	6
16) Acetone	3.22	43	1249	95.649	ug/l #	64
27) cis-1,2-Dichloroethene	6.03	96	184	3.633	ug/l	1
29) Tetrahydrofuran	6.76	42	189	34.666	ug/l #	33
38) Carbon Tetrachloride	7.08	117	385	3.037	ug/l #	13
43) Isopropyl Acetate	9.10	43	186	4.209	ug/l #	48
51) 4-Methyl-2-Pentanone	10.33	43	229	7.308	ug/l #	41
59) 2-Hexanone	11.62	43	341	15.281	ug/l #	31
67) Ethyl Benzene	12.54	91	447	1.864	ug/l #	46
70) Styrene	13.10	104	215	1.603	ug/l #	25
74) N-amyl acetate	13.05	43	210	3.824	ug/l #	51
76) 1,2,3-Trichloropropane	13.72	75	189	4.642	ug/l #	45
77) Bromobenzene	13.68	156	178	2.926	ug/l #	49
78) n-propylbenzene	13.86	91	349	1.326	ug/l #	53
79) 2-Chlorotoluene	13.86	91	349	2.320	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.90	105	210	1.106	ug/l #	30
81) trans-1,4-Dichloro-2-buten	13.57	75	1613	151.154	ug/l #	2
82) 4-Chlorotoluene	13.96	91	520	2.871	ug/l #	43
84) 1,2,4-Trimethylbenzene	14.26	105	833	4.279	ug/l #	33
85) sec-Butylbenzene	14.26	105	833	3.620	ug/l #	59
87) 1,3-Dichlorobenzene	14.55	146	202	1.853	ug/l #	26
88) 1,4-Dichlorobenzene	14.55	146	202	1.844	ug/l #	24
95) Naphthalene	16.14	128	197	1.929	ug/l #	70

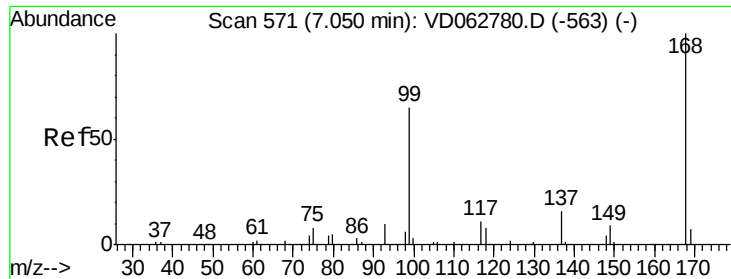
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD062793.D

Acq: 20 Jun 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

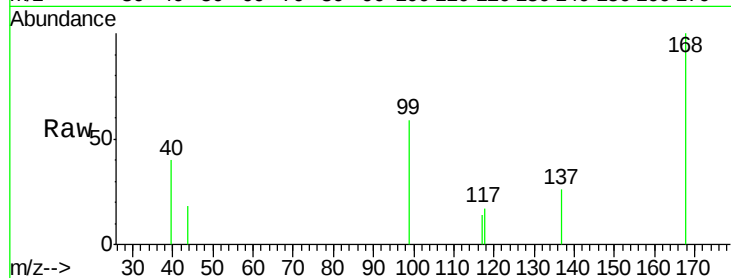
SIDEWALL-4RE

Tot Ion:168 Resp: 5668

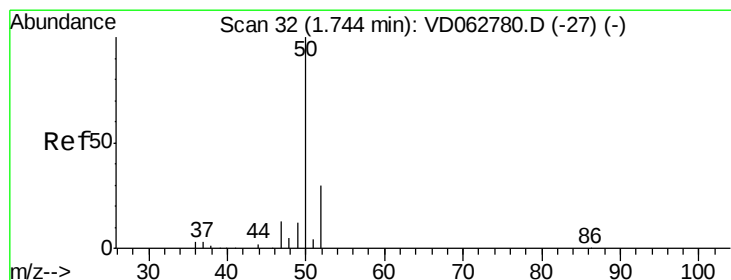
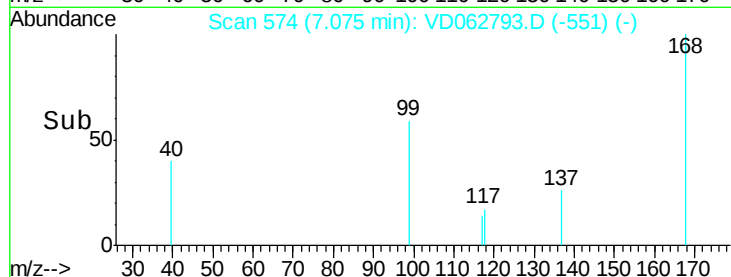
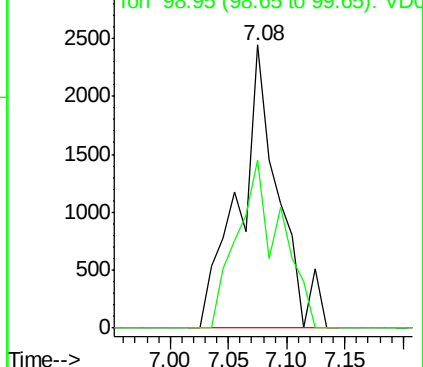
Ion Ratio Lower Upper

168 100

99 59.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V



#3

Chloromethane

Concen: 3.281 ug/l

RT: 1.79 min Scan# 37

Delta R.T. 0.05 min

Lab File: VD062793.D

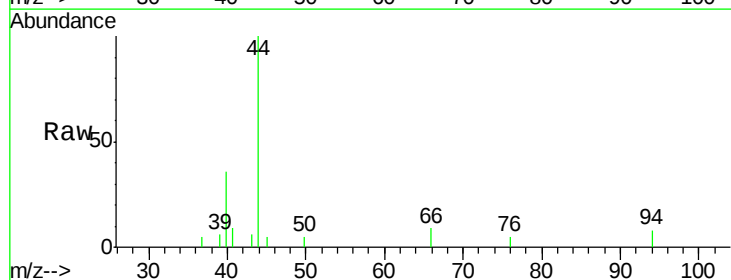
Acq: 20 Jun 2019 14:53

Tgt Ion: 50 Resp: 181

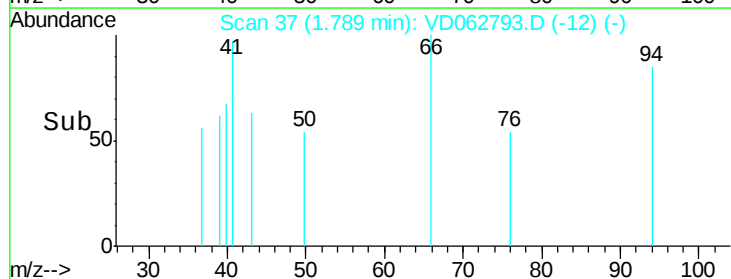
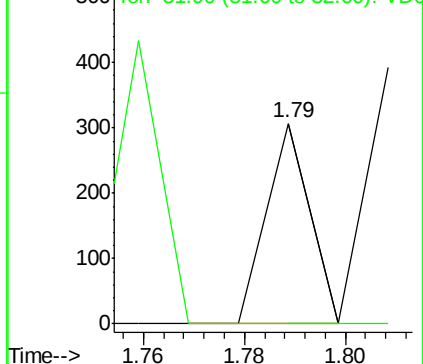
Ion Ratio Lower Upper

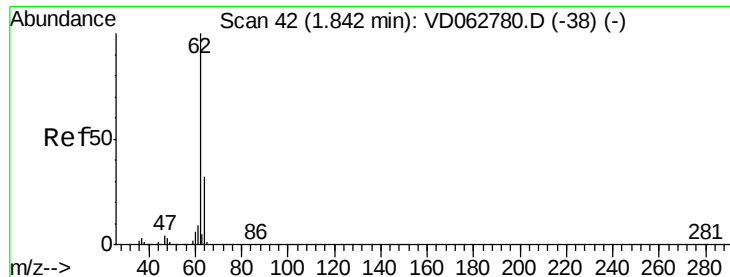
50 100

52 0.0 23.6 35.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC





#4

Vinyl Chloride

Concen: 4.023 ug/l

RT: 1.84 min Scan# 42

Delta R.T. -0.00 min

Lab File: VD062793.D

Acq: 20 Jun 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

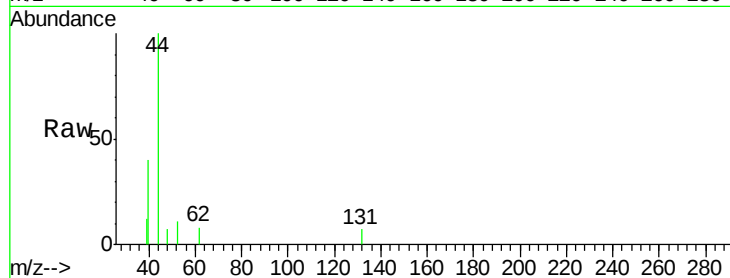
SIDEWALL-4RE

Tot Ion: 62 Resp: 220

Ion Ratio Lower Upper

62 100

64 0.0 25.6 38.4#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.84

400

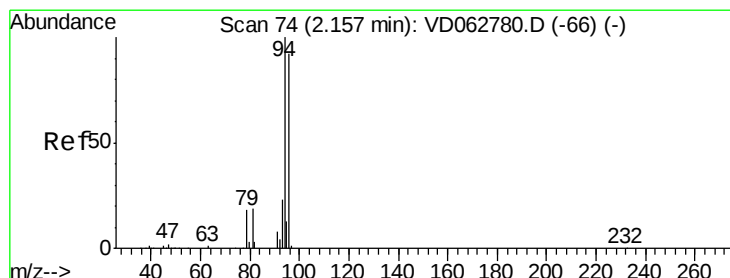
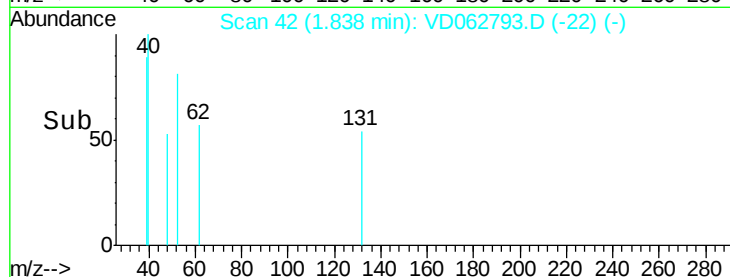
300

200

100

0

Time--> 1.80 1.82 1.84 1.86



#5

Bromomethane

Concen: 48.686 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.00 min

Lab File: VD062793.D

Acq: 20 Jun 2019 14:53

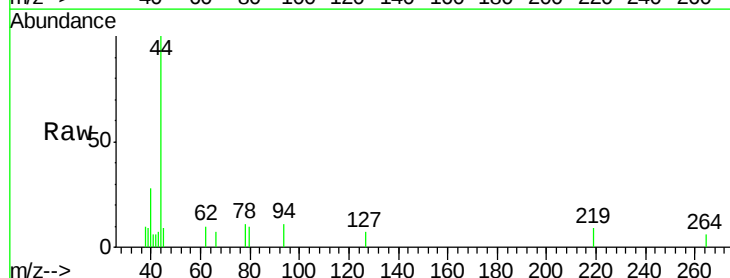
Tgt Ion: 94 Resp: 1247

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#

93 0.0 18.2 27.4#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

1200

1000

800

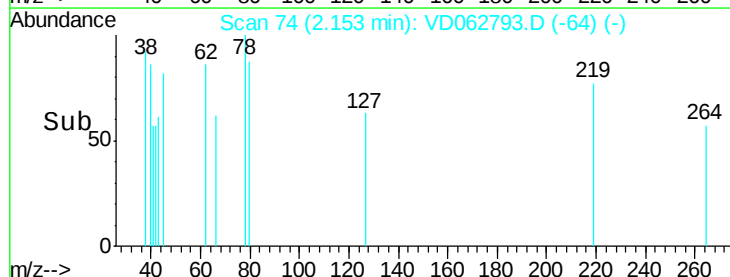
600

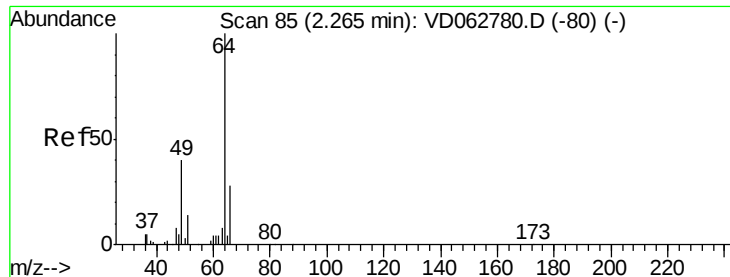
400

200

0

Time--> 2.10 2.15





#6

Chloroethane

Concen: 11.187 ug/l

RT: 2.28 min Scan# 87

Delta R.T. 0.02 min

Lab File: VD062793.D

Acq: 20 Jun 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

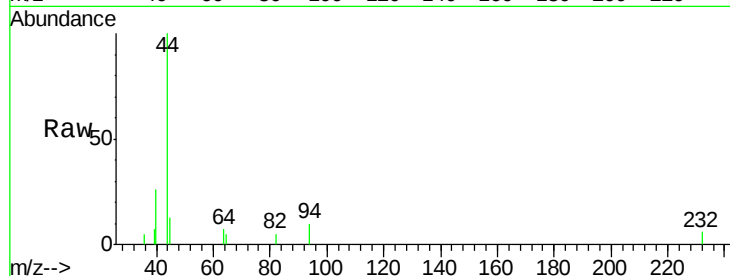
SIDEWALL-4RE

Tot Ion: 64 Resp: 277

Ion Ratio Lower Upper

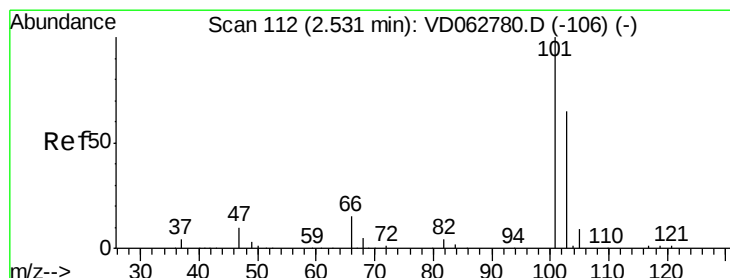
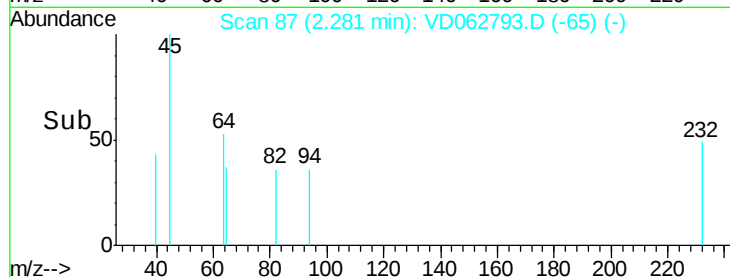
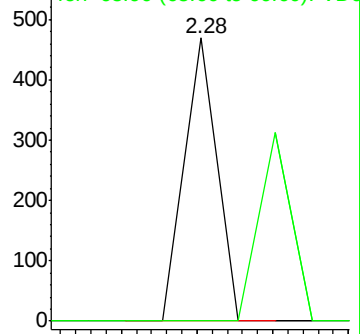
64 100

66 0.0 23.0 34.4#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



#7

Trichlorofluoromethane

Concen: 1.807 ug/l

RT: 2.44 min Scan# 103

Delta R.T. -0.09 min

Lab File: VD062793.D

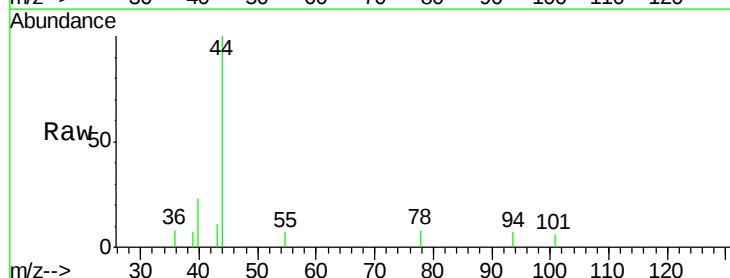
Acq: 20 Jun 2019 14:53

Tgt Ion: 101 Resp: 200

Ion Ratio Lower Upper

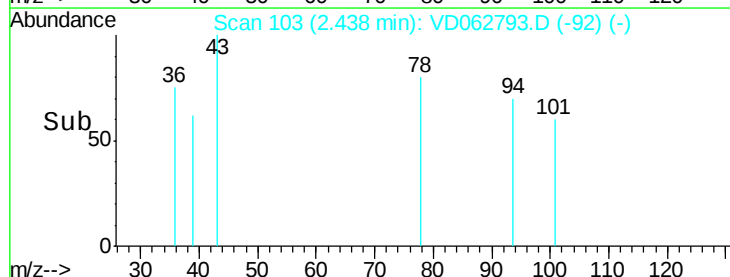
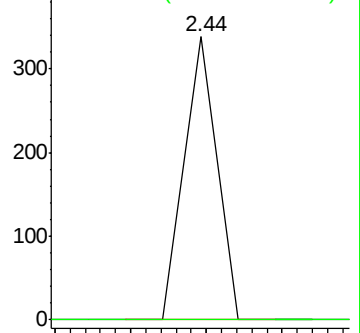
101 100

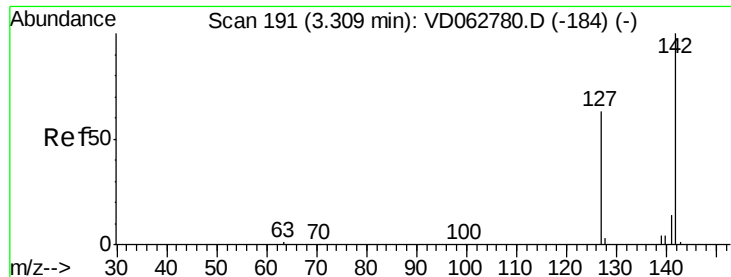
103 0.0 51.8 77.8#



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V

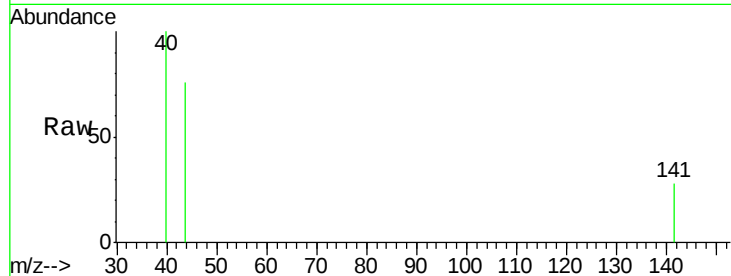




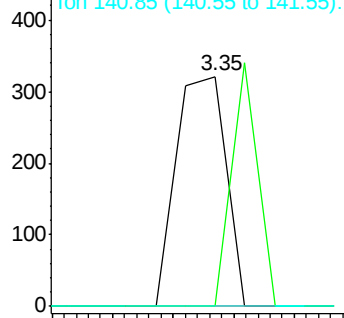
#10
Methvl Iodide
Concen: 4.702 ug/l
RT: 3.35 min Scan# 196
Delta R.T. 0.05 min
Lab File: VD062793.D
Acq: 20 Jun 2019 14:53

Instrument :
MSVOA_D
ClientSampleId :
SIDEWALL-4RE

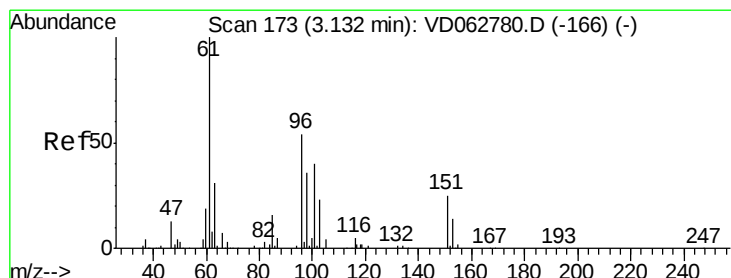
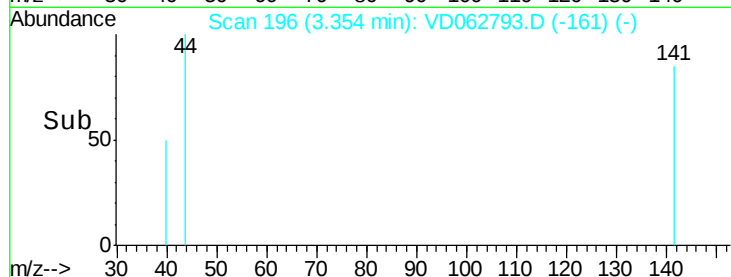
Tot Ion:142 Resp: 372
Ion Ratio Lower Upper
142 100
127 0.0 50.1 75.1#
141 0.0 11.0 16.4#



Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

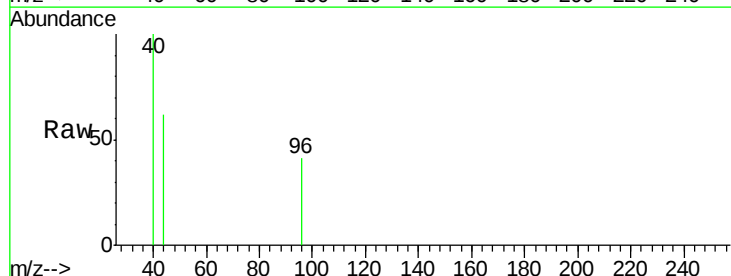


Time--> 3.30 3.32 3.34 3.36 3.38

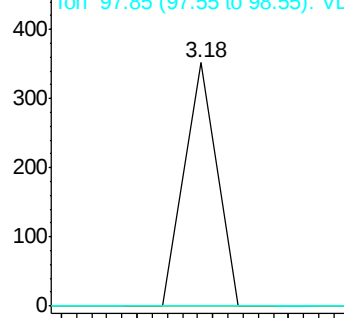


#12
1,1-Dichloroethene
Concen: 4.624 ug/l
RT: 3.18 min Scan# 178
Delta R.T. 0.05 min
Lab File: VD062793.D
Acq: 20 Jun 2019 14:53

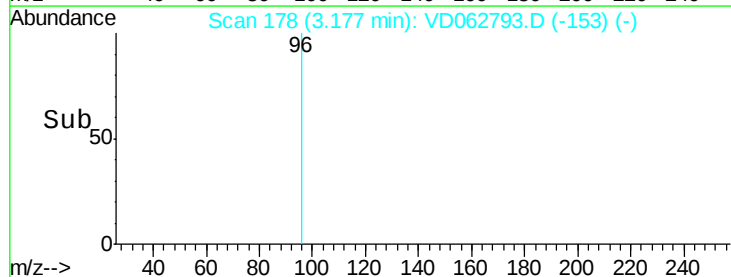
Tgt Ion: 96 Resp: 208
Ion Ratio Lower Upper
96 100
61 0.0 147.1 220.7#
98 0.0 52.6 79.0#

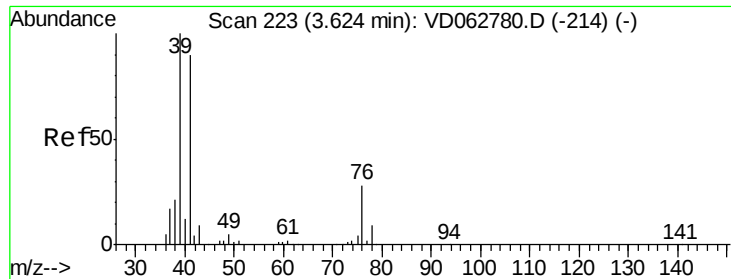


Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



Time--> 3.14 3.16 3.18 3.20





#14

Allvl chloride

Concen: 2.693 ug/l

RT: 3.71 min Scan# 232

Delta R.T. 0.08 min

Lab File: VD062793.D

Acq: 20 Jun 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

SIDEWALL-4RE

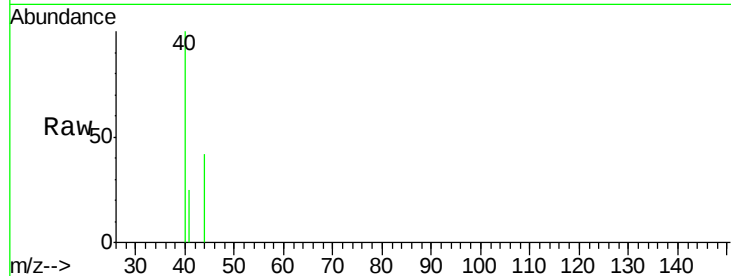
Tot Ion: 41 Resp: 179

Ion Ratio Lower Upper

41 100

39 0.0 88.8 133.2#

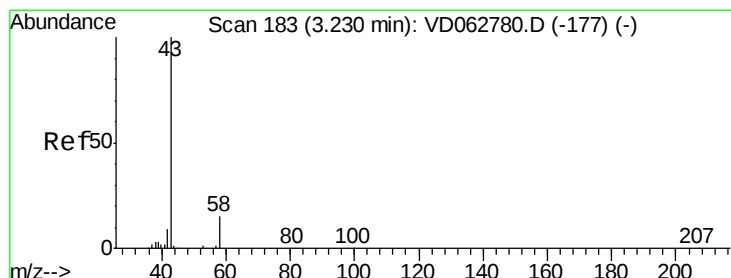
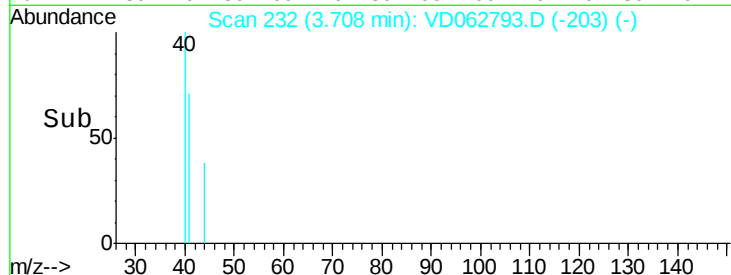
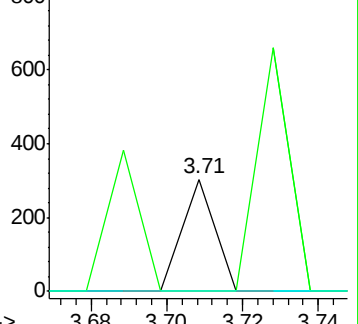
76 0.0 26.7 40.1#



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC



#16

Acetone

Concen: 95.649 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062793.D

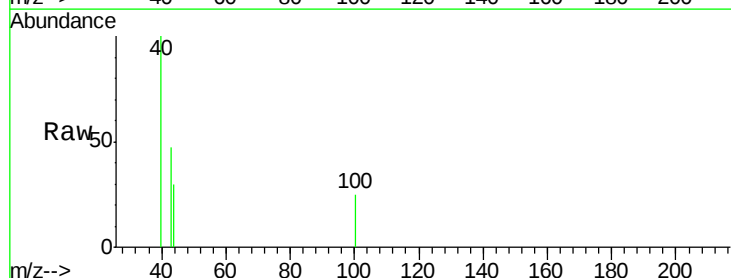
Acq: 20 Jun 2019 14:53

Tgt Ion: 43 Resp: 1249

Ion Ratio Lower Upper

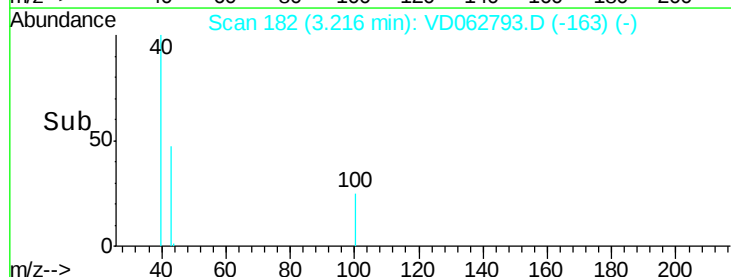
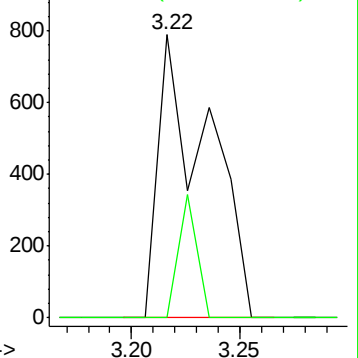
43 100

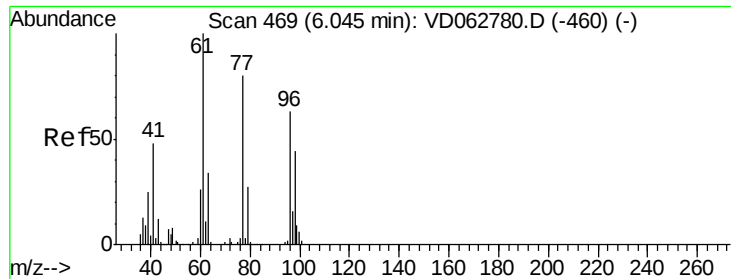
58 0.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



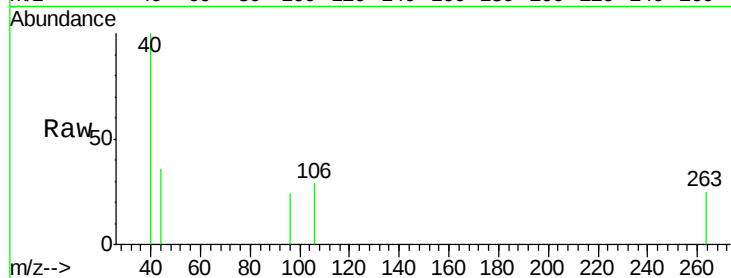


#27

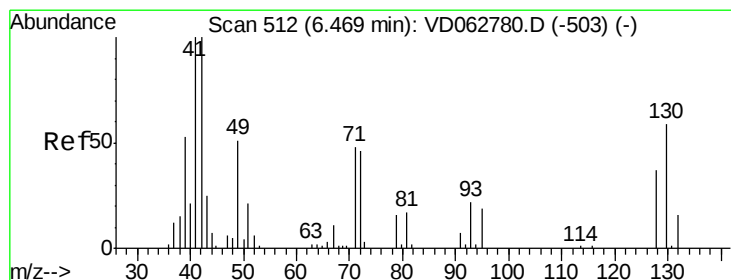
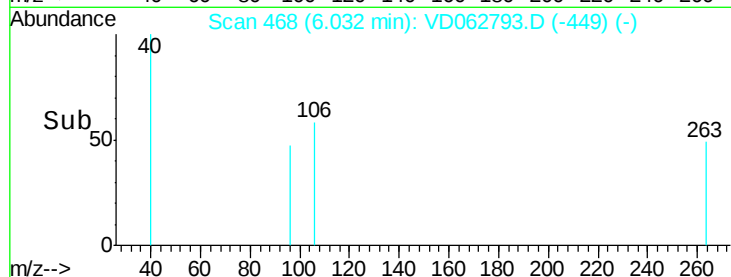
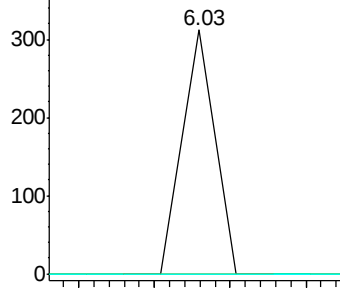
cis-1,2-Dichloroethene
 Concen: 3.633 ug/l
 RT: 6.03 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: VD062793.D
 Acq: 20 Jun 2019 14:53

Instrument :
 MSVOA_D
 ClientSampleId :
 SIDEWALL-4RE

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	316.0
98	0.0	0.0	138.4



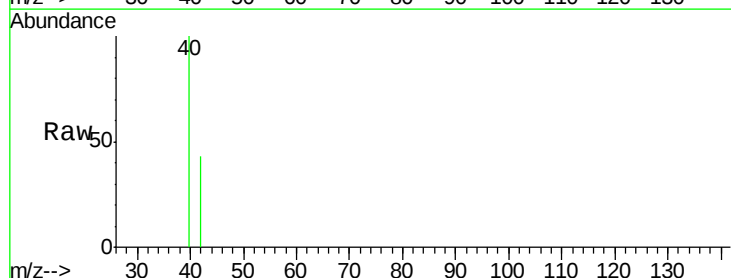
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



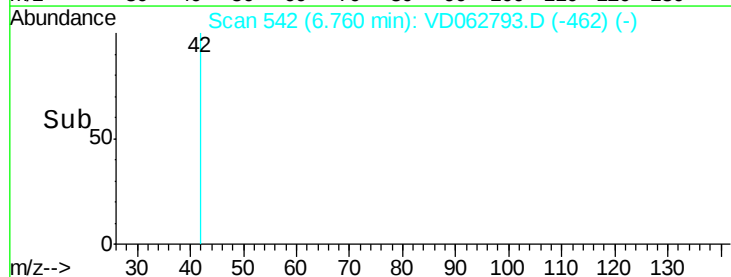
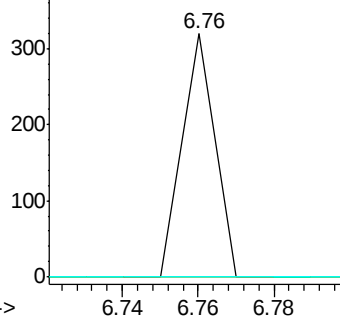
#29

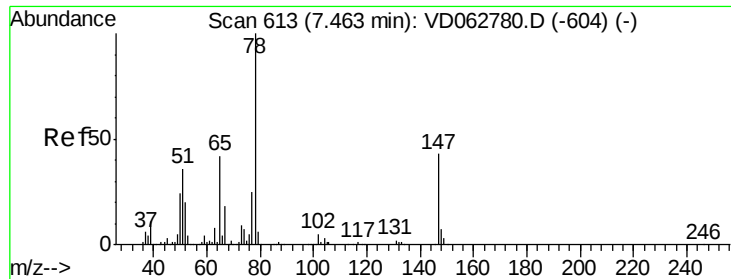
Tetrahydrofuran
 Concen: 34.666 ug/l
 RT: 6.76 min Scan# 542
 Delta R.T. 0.29 min
 Lab File: VD062793.D
 Acq: 20 Jun 2019 14:53

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.0	52.6#
71	0.0	33.3	49.9#



Abundance Ion 42.00 (41.70 to 42.70): VDC
 Ion 72.00 (71.70 to 72.70): VDC
 Ion 71.00 (70.70 to 71.70): VDC

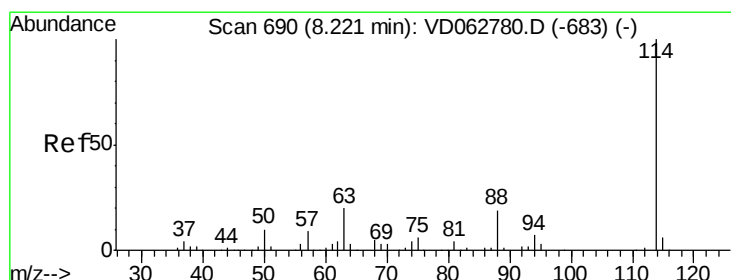
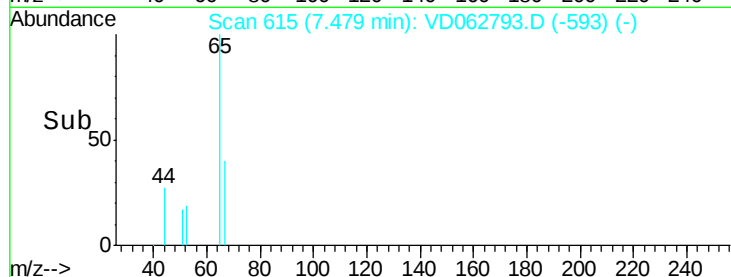
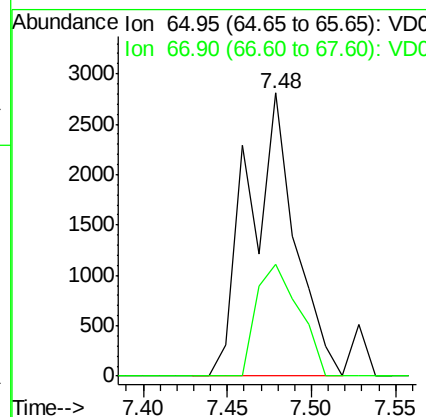
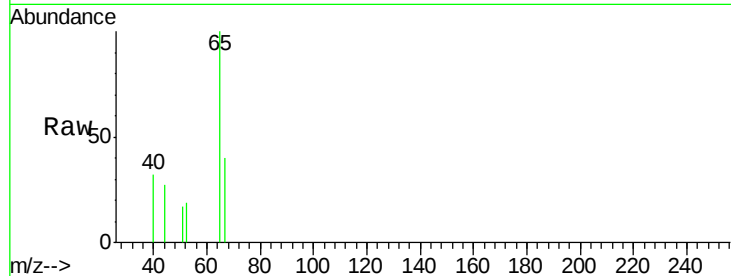




#33
 1,2-Dichloroethane-d4
 Concen: 88.005 ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.02 min
 Lab File: VD062793.D
 Acq: 20 Jun 2019 14:53

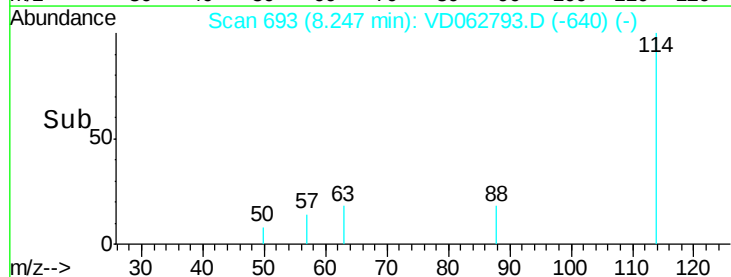
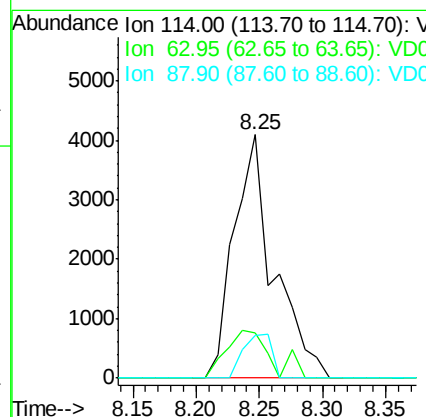
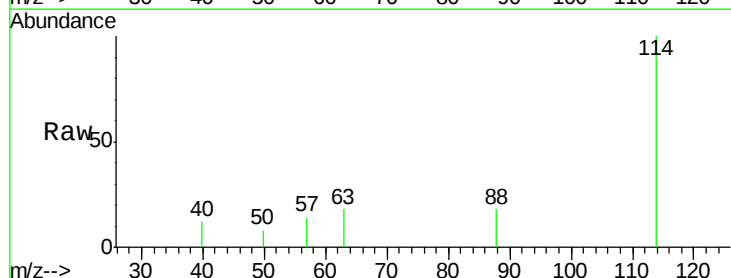
Instrument :
 MSVOA_D
 ClientSampleId :
 SIDEWALL-4RE

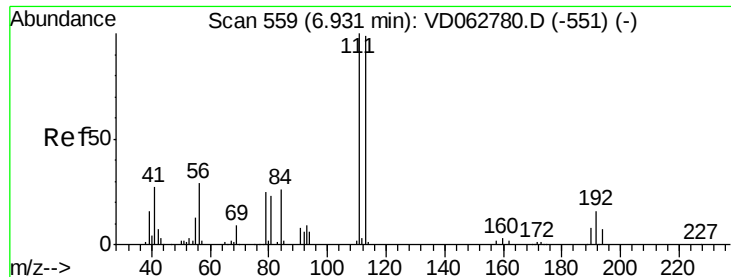
Tot Ion: 65 Resp: 5422
 Ion Ratio Lower Upper
 65 100
 67 39.7 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD062793.D
 Acq: 20 Jun 2019 14:53

Tgt Ion: 114 Resp: 8905
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 40.0
 88 17.5 0.0 38.8





#35

Dibromofluoromethane

Concen: 48.304 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD062793.D

Acq: 20 Jun 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

SIDEWALL-4RE

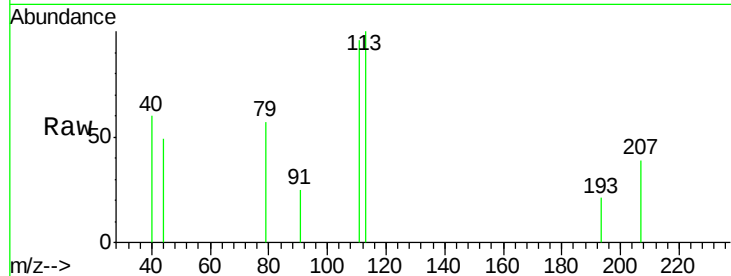
Tot Ion:113 Resp: 3627

Ion Ratio Lower Upper

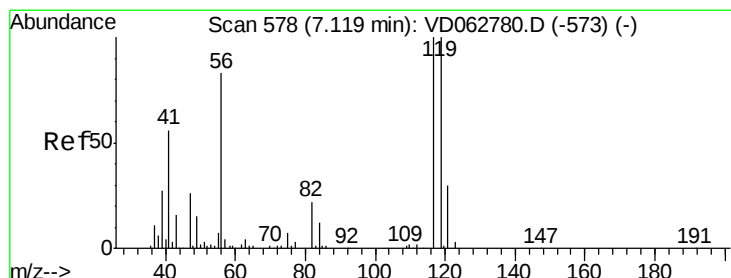
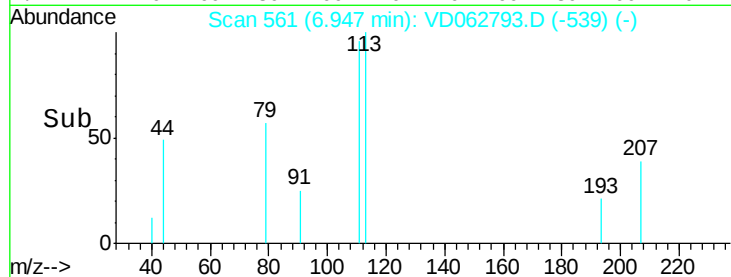
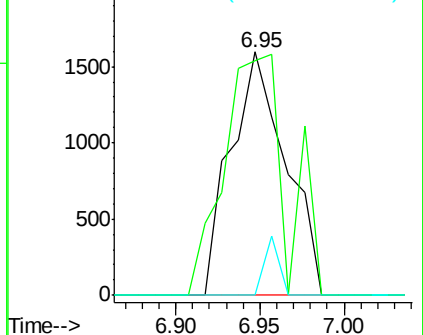
113 100

111 96.2 81.2 121.8

192 0.0 12.9 19.3#



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#38

Carbon Tetrachloride

Concen: 3.037 ug/l

RT: 7.08 min Scan# 574

Delta R.T. -0.04 min

Lab File: VD062793.D

Acq: 20 Jun 2019 14:53

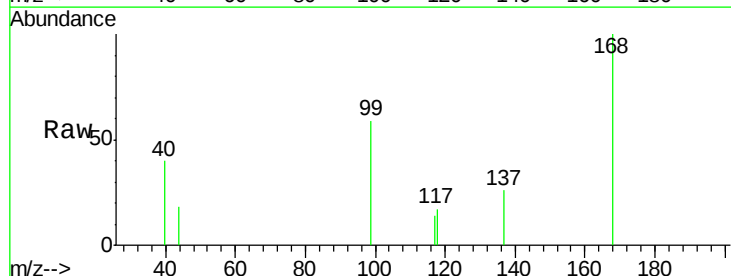
Tgt Ion:117 Resp: 385

Ion Ratio Lower Upper

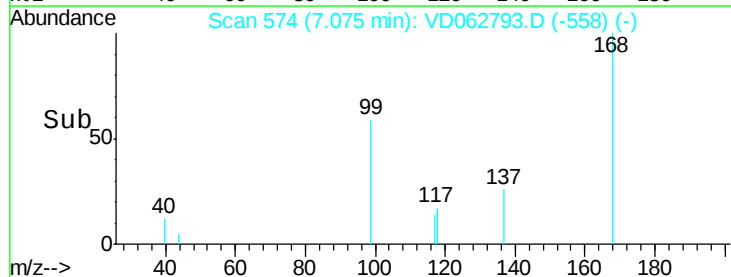
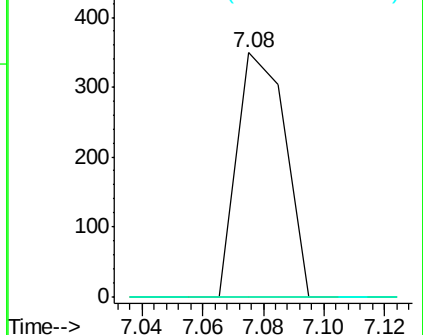
117 100

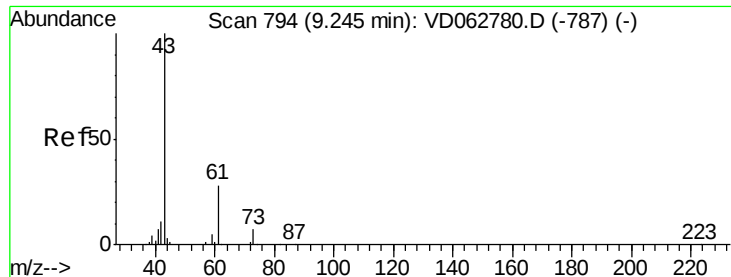
119 0.0 75.4 113.2#

121 0.0 22.3 33.5#



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V





#43

Isopropyl Acetate

Concen: 4.209 ug/l

RT: 9.10 min Scan# 780

Delta R.T. -0.14 min

Lab File: VD062793.D

Acq: 20 Jun 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

SIDEWALL-4RE

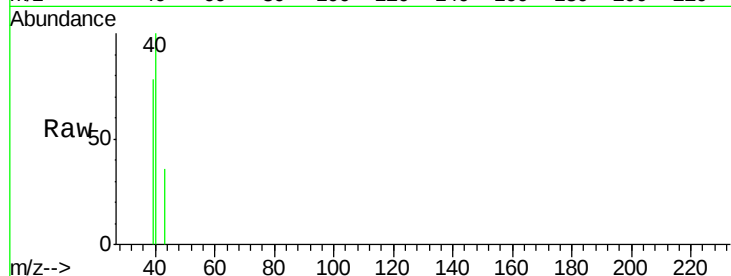
Tot Ion: 43 Resp: 186

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC

9.10

300

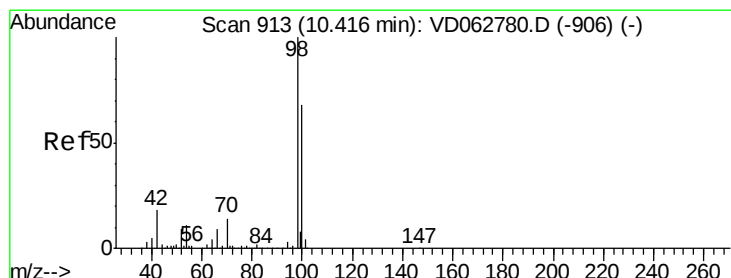
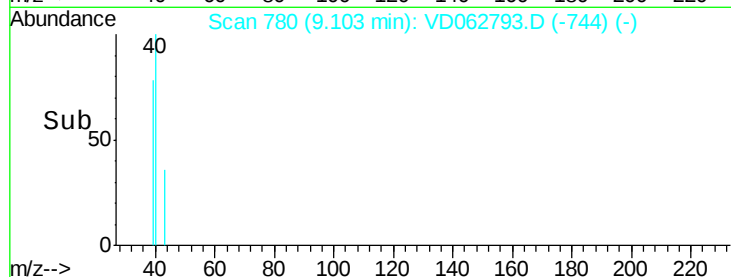
200

100

0

9.08 9.10 9.12

Time-->



#50

Toluene-d8

Concen: 50.562 ug/l

RT: 10.44 min Scan# 916

Delta R.T. 0.03 min

Lab File: VD062793.D

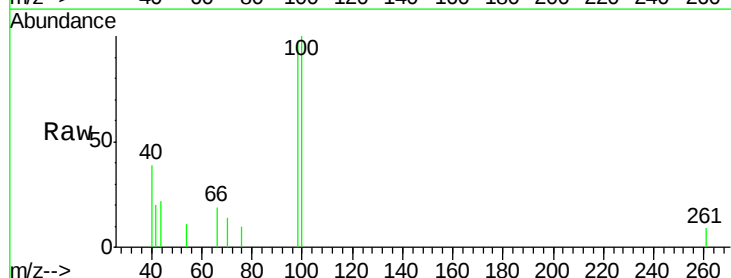
Acq: 20 Jun 2019 14:53

Tgt Ion: 98 Resp: 8263

Ion Ratio Lower Upper

98 100

100 102.9 54.7 82.1#



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.44

4000

3000

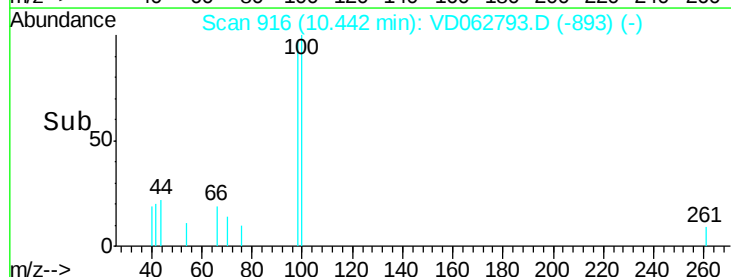
2000

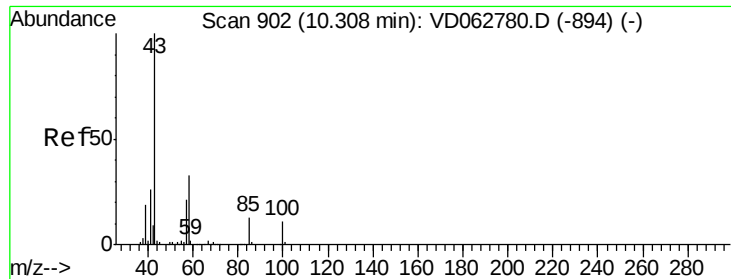
1000

0

10.40 10.44 10.50

Time-->





#51

4-Methyl-2-Pentanone

Concen: 7.308 ug/l

RT: 10.33 min Scan# 905

Delta R.T. 0.03 min

Lab File: VD062793.D

Acq: 20 Jun 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

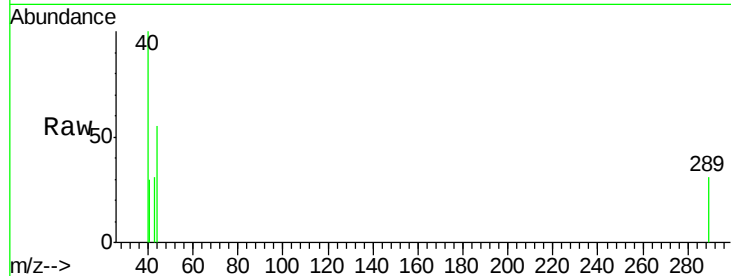
SIDEWALL-4RE

Tot Ion: 43 Resp: 229

Ion Ratio Lower Upper

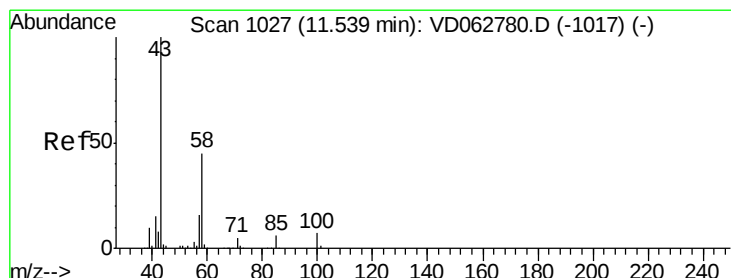
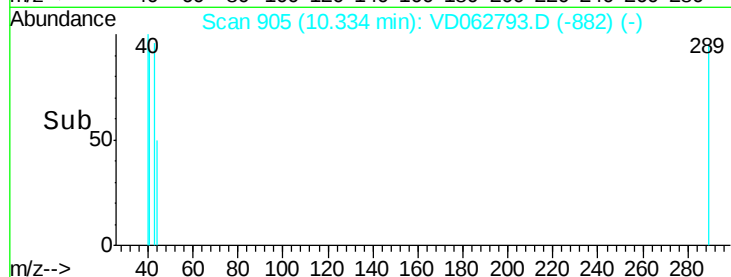
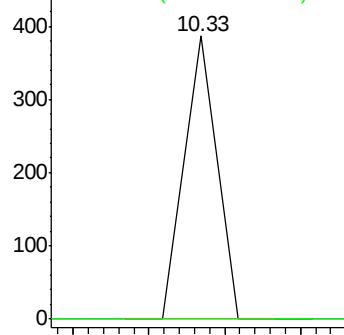
43 100

58 0.0 26.6 40.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#59

2-Hexanone

Concen: 15.281 ug/l

RT: 11.62 min Scan# 1036

Delta R.T. 0.08 min

Lab File: VD062793.D

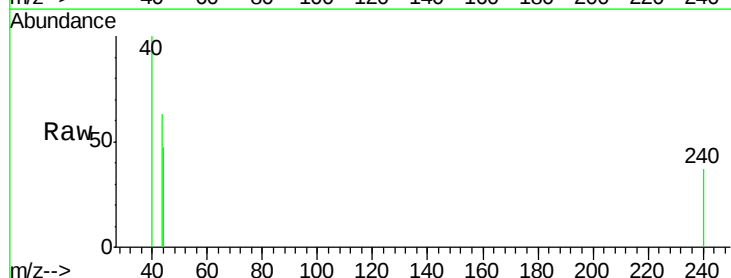
Acq: 20 Jun 2019 14:53

Tgt Ion: 43 Resp: 341

Ion Ratio Lower Upper

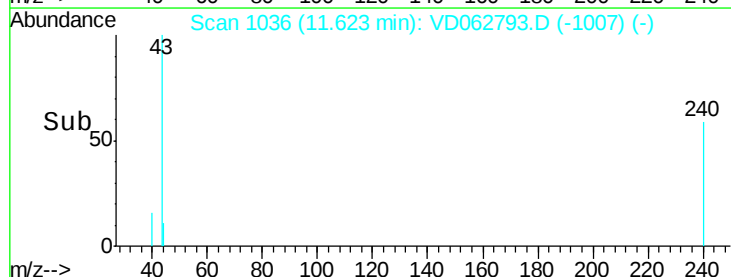
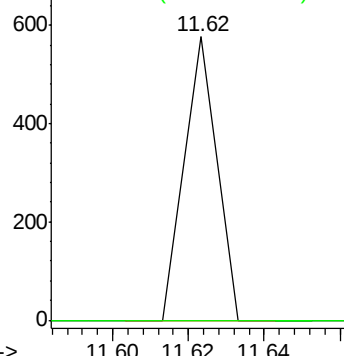
43 100

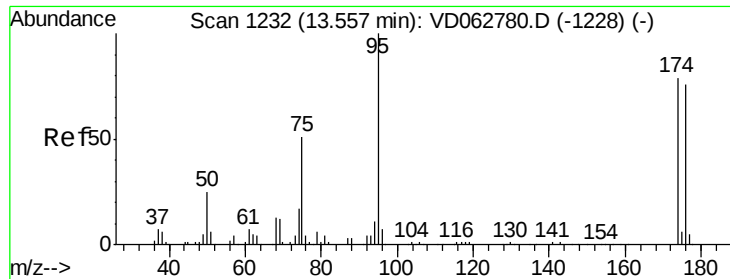
58 0.0 22.4 67.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

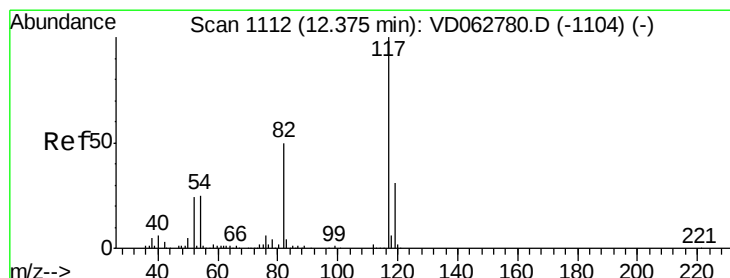
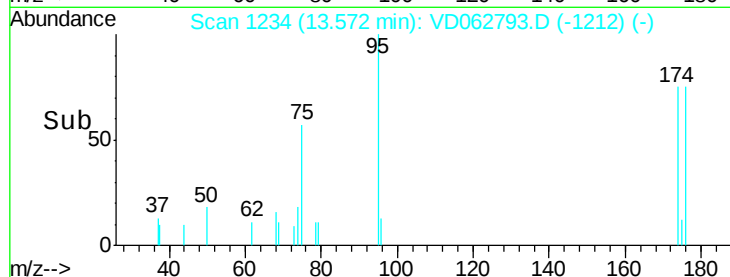
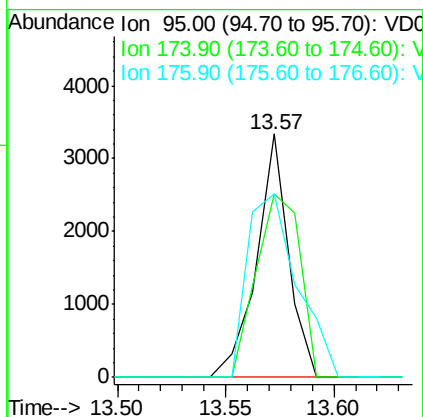
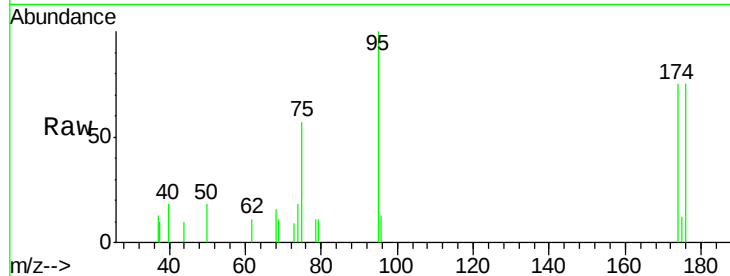




#62
4-Bromofluorobenzene
Concen: 46.441 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062793.D
Acq: 20 Jun 2019 14:53

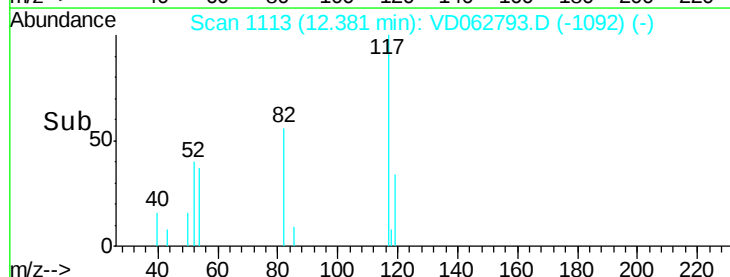
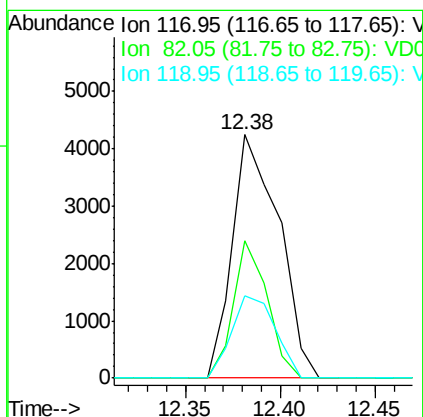
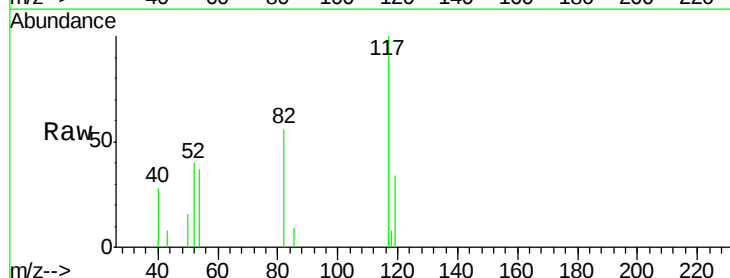
Instrument :
MSVOA_D
ClientSampleId :
SIDEWALL-4RE

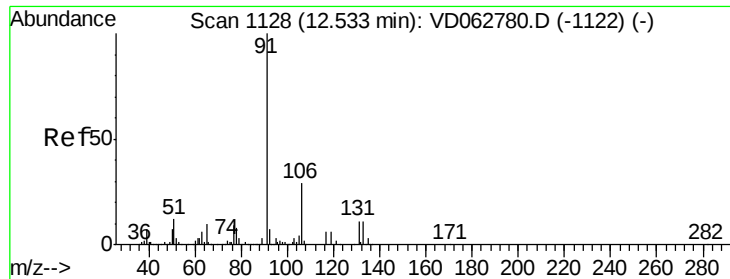
Tot Ion: 95 Resp: 3451
Ion Ratio Lower Upper
95 100
174 75.1 0.0 158.0
176 75.1 0.0 151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD062793.D
Acq: 20 Jun 2019 14:53

Tgt Ion: 117 Resp: 7197
Ion Ratio Lower Upper
117 100
82 56.3 40.4 60.6
119 33.9 25.2 37.8

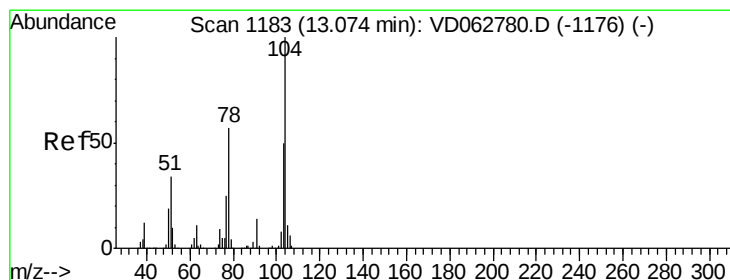
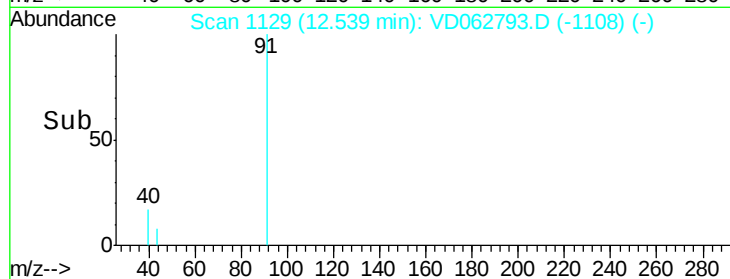
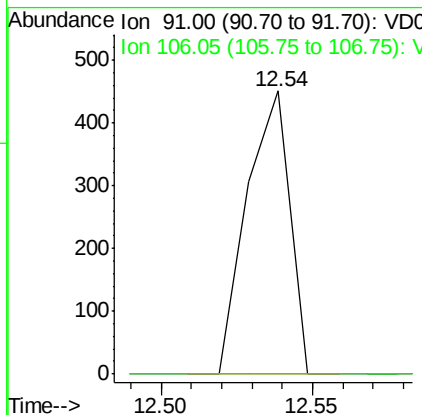
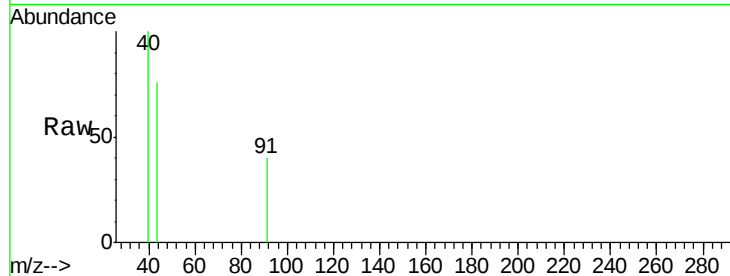




#67
Ethyl Benzene
Concen: 1.864 ug/l
RT: 12.54 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VD062793.D
Acq: 20 Jun 2019 14:53

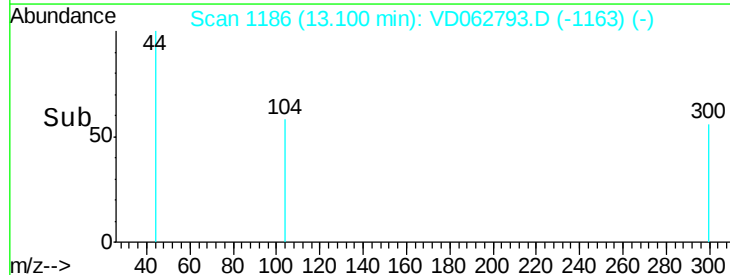
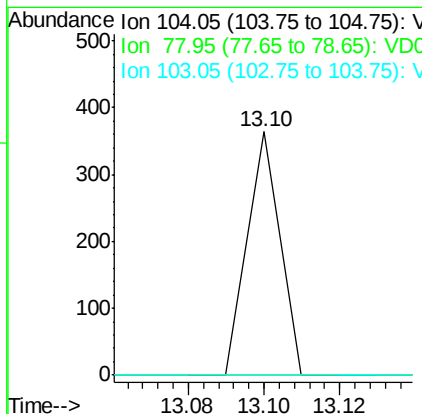
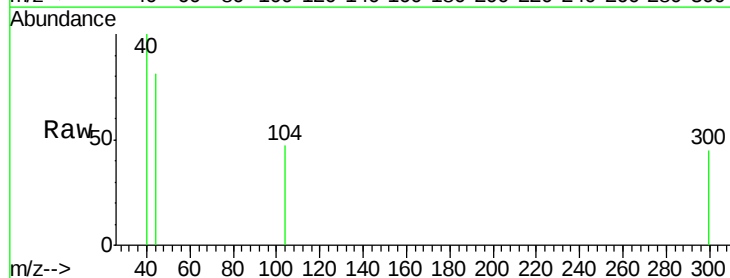
Instrument :
MSVOA_D
ClientSampleId :
SIDEWALL-4RE

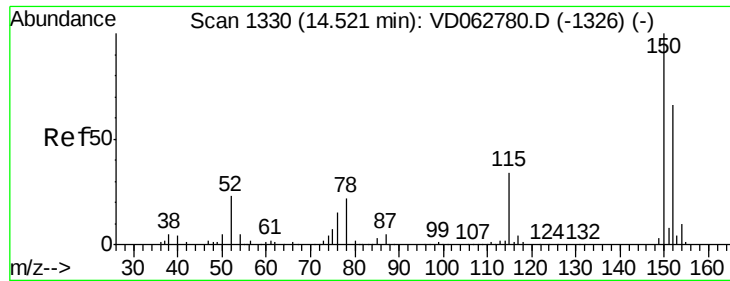
Tot Ion: 91 Resp: 447
Ion Ratio Lower Upper
91 100
106 0.0 23.1 34.7#



#70
Styrene
Concen: 1.603 ug/l
RT: 13.10 min Scan# 1186
Delta R.T. 0.03 min
Lab File: VD062793.D
Acq: 20 Jun 2019 14:53

Tgt Ion: 104 Resp: 215
Ion Ratio Lower Upper
104 100
78 0.0 45.4 68.2#
103 0.0 39.7 59.5#



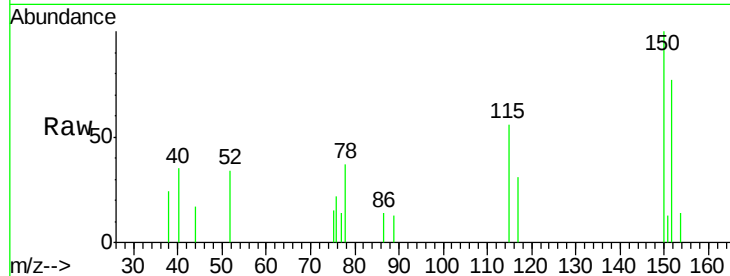


#72

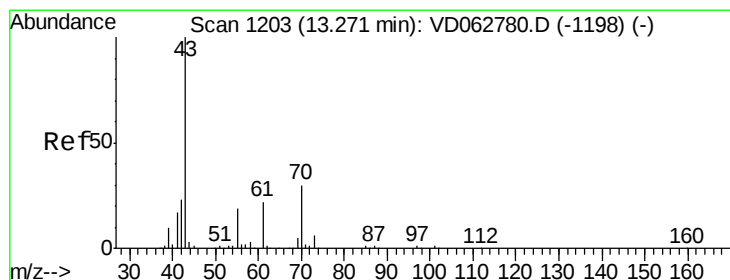
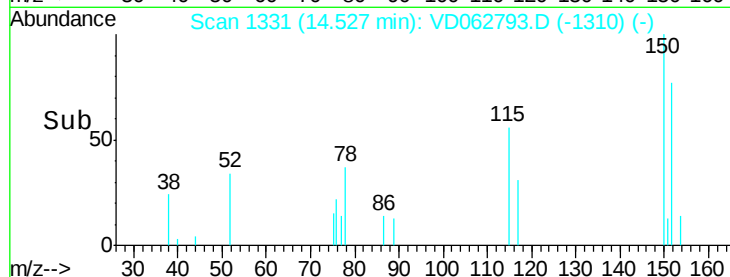
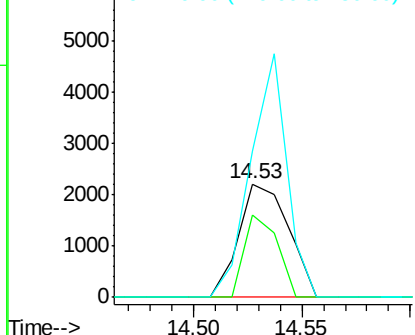
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062793.D
Acq: 20 Jun 2019 14:53

Instrument :
MSVOA_D
ClientSampleId :
SIDEWALL-4RE

Tot Ion:152 Resp: 3527
Ion Ratio Lower Upper
152 100
115 72.9 29.2 87.6
150 129.1 0.0 305.8



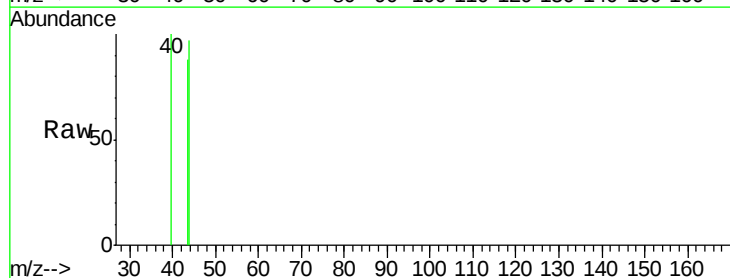
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



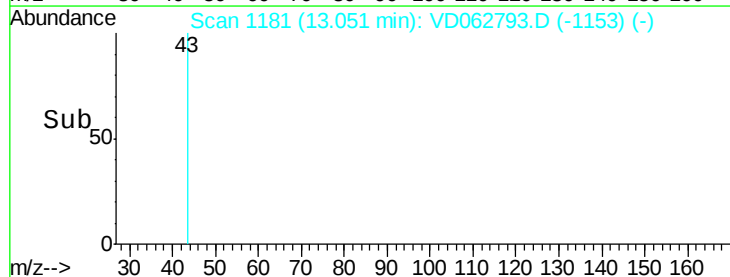
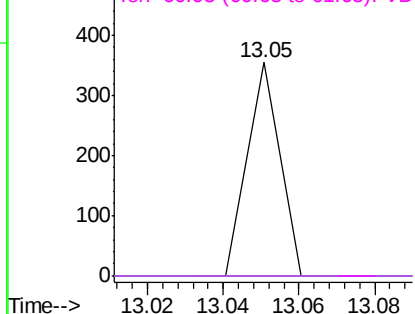
#74

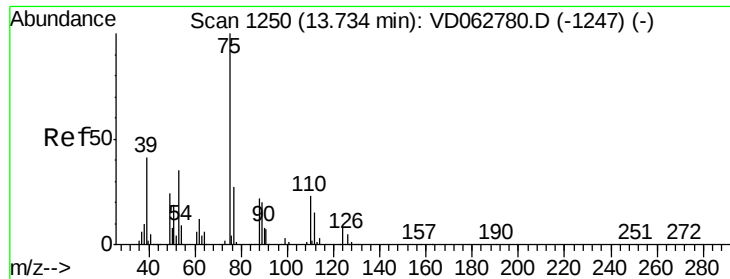
N-ethyl acetate
Concen: 3.824 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.22 min
Lab File: VD062793.D
Acq: 20 Jun 2019 14:53

Tgt Ion: 43 Resp: 210
Ion Ratio Lower Upper
43 100
70 0.0 24.4 36.6#
55 0.0 15.2 22.8#
61 0.0 17.4 26.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 70.00 (69.70 to 70.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 60.95 (60.65 to 61.65): VDC

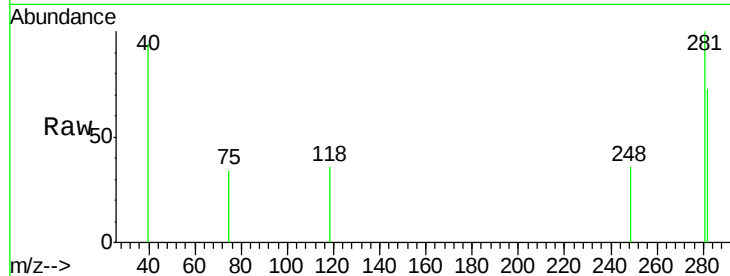




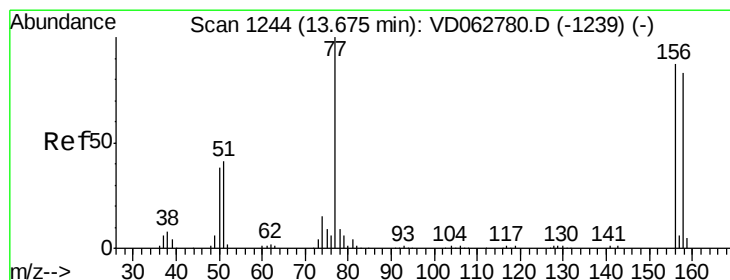
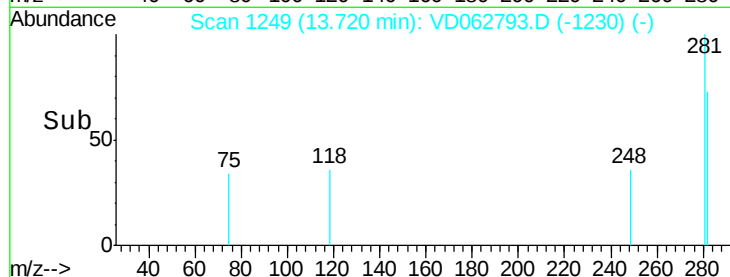
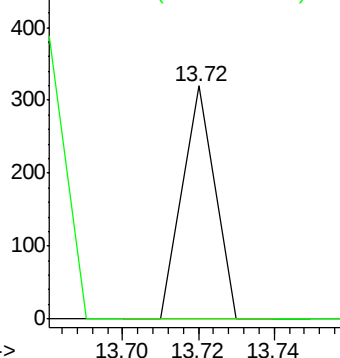
#76
 1,2,3-Trichloropropane
 Concen: 4.642 ug/l
 RT: 13.72 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VD062793.D
 Acq: 20 Jun 2019 14:53

Instrument :
 MSVOA_D
 ClientSampleId :
 SIDEWALL-4RE

Tot Ion: 75 Resp: 189
 Ion Ratio Lower Upper
 75 100
 77 0.0 15.0 45.1#

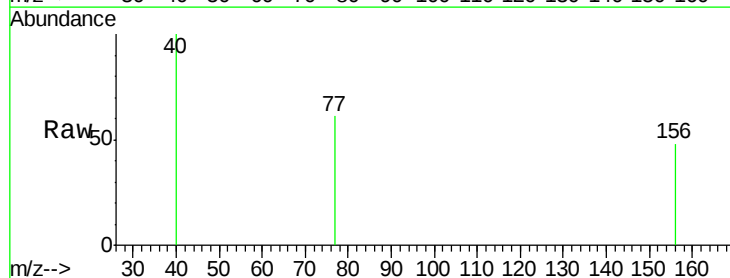


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 76.95 (76.65 to 77.65): VDC

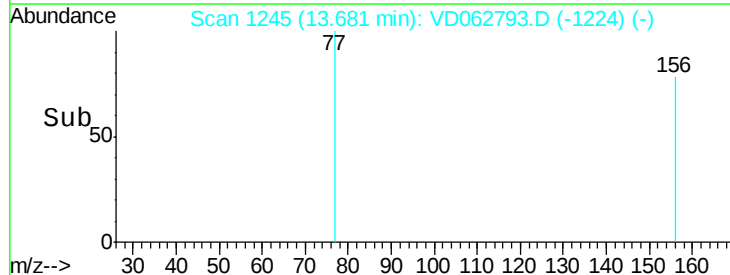
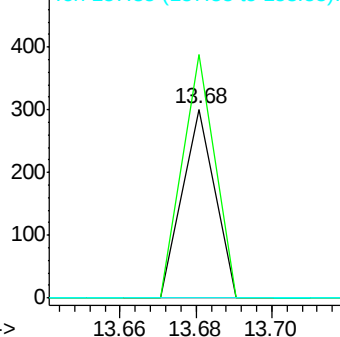


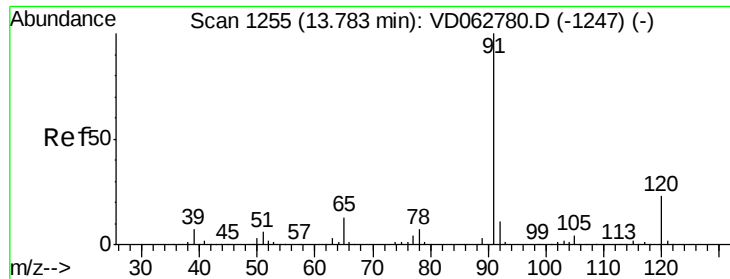
#77
 Bromobenzene
 Concen: 2.926 ug/l
 RT: 13.68 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VD062793.D
 Acq: 20 Jun 2019 14:53

Tgt Ion: 156 Resp: 178
 Ion Ratio Lower Upper
 156 100
 77 128.9 57.7 173.1
 158 0.0 47.7 143.1#



Abundance Ion 155.90 (155.60 to 156.60): V
 Ion 76.95 (76.65 to 77.65): VDC
 Ion 157.85 (157.55 to 158.55): V





#78

n-propylbenzene

Concen: 1.326 ug/l

RT: 13.86 min Scan# 1263

Delta R.T. 0.07 min

Lab File: VD062793.D

Acq: 20 Jun 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

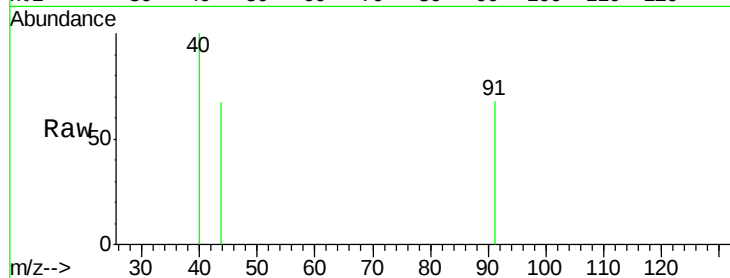
SIDEWALL-4RE

Tot Ion: 91 Resp: 349

Ion Ratio Lower Upper

91 100

120 0.0 11.3 33.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

13.86

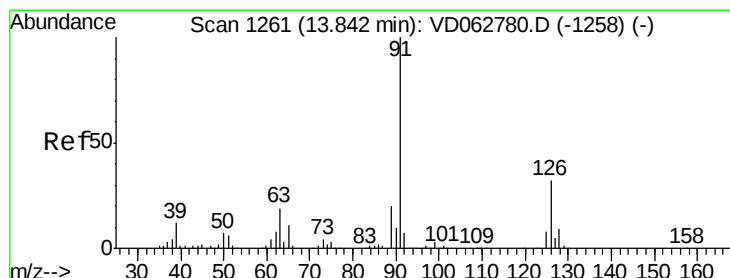
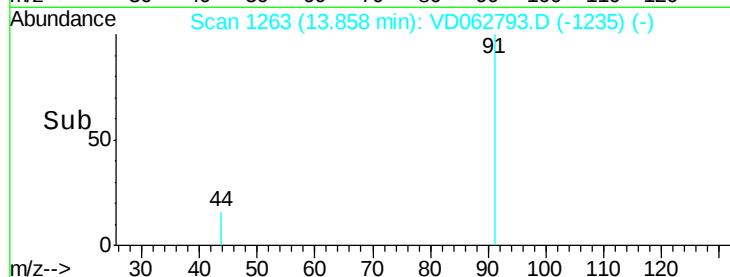
600

400

200

0

Time--> 13.82 13.84 13.86 13.88



#79

2-Chlorotoluene

Concen: 2.320 ug/l

RT: 13.86 min Scan# 1263

Delta R.T. 0.02 min

Lab File: VD062793.D

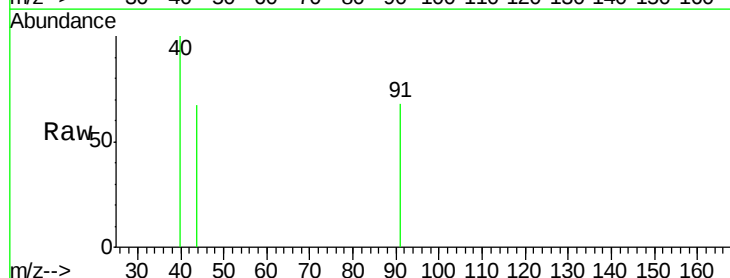
Acq: 20 Jun 2019 14:53

Tgt Ion: 91 Resp: 349

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

13.86

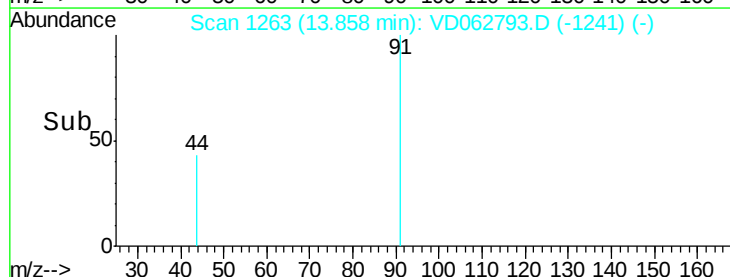
600

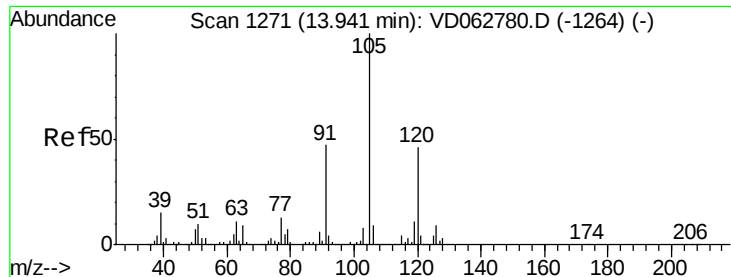
400

200

0

Time--> 13.82 13.84 13.86 13.88

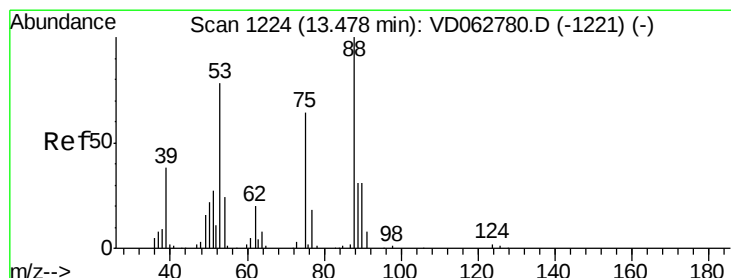
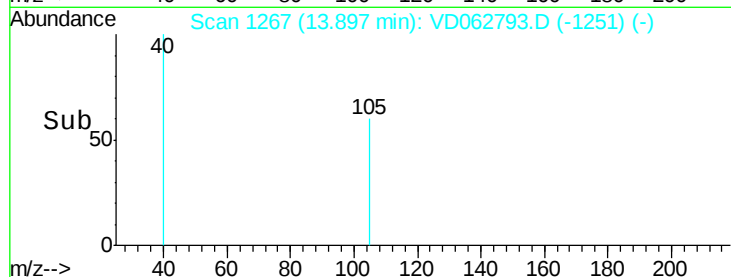
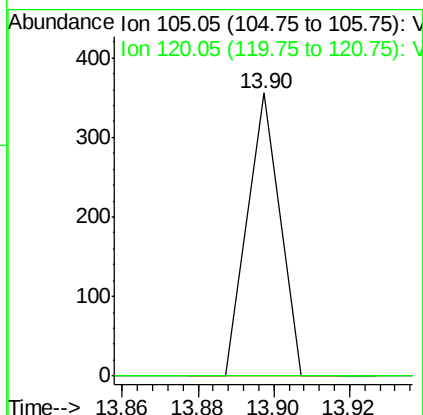
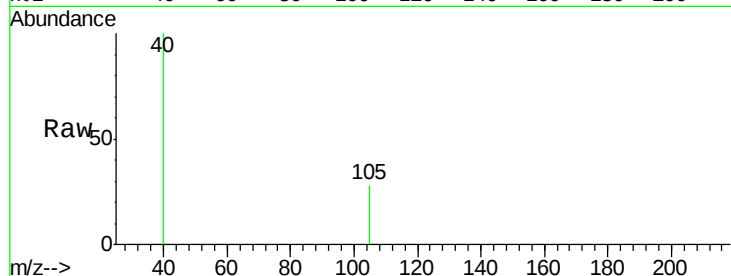




#80
 1,3,5-Trimethylbenzene
 Concen: 1.106 ug/l
 RT: 13.90 min Scan# 1267
 Delta R.T. -0.04 min
 Lab File: VD062793.D
 Acq: 20 Jun 2019 14:53

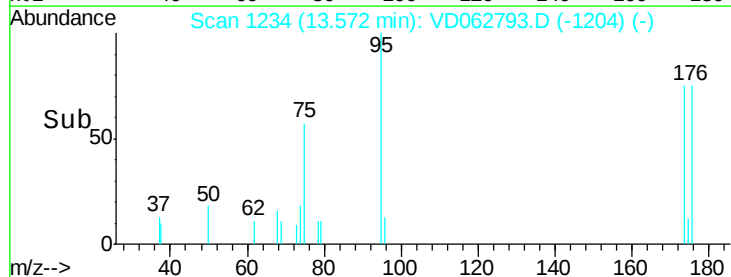
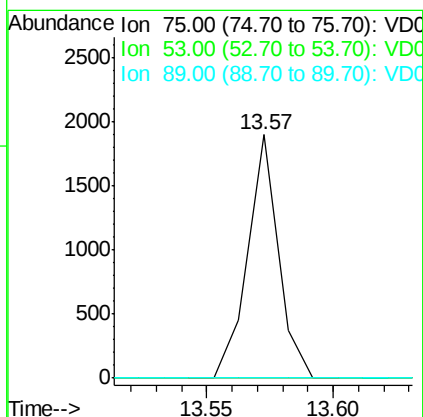
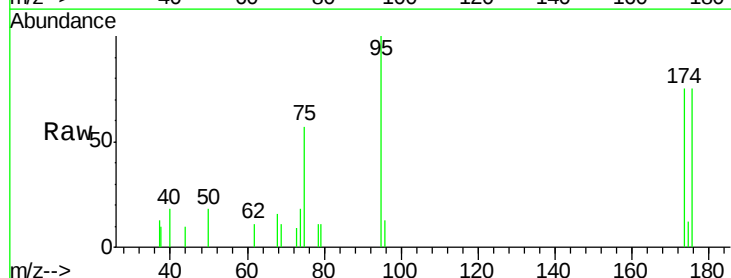
Instrument :
 MSVOA_D
 ClientSampleId :
 SIDEWALL-4RE

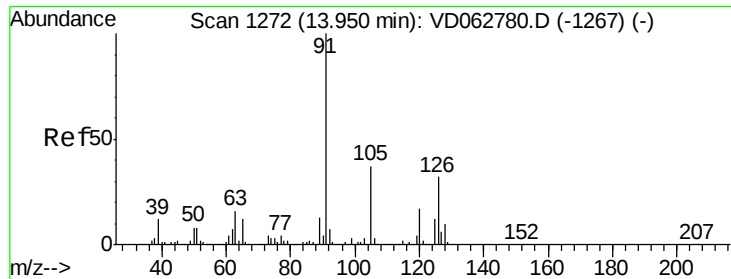
Tot Ion:105 Resp: 210
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.1 69.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.154 ug/l
 RT: 13.57 min Scan# 1234
 Delta R.T. 0.09 min
 Lab File: VD062793.D
 Acq: 20 Jun 2019 14:53

Tgt Ion: 75 Resp: 1613
 Ion Ratio Lower Upper
 75 100
 53 0.0 97.8 146.8#
 89 0.0 39.4 59.2#





#82

4-Chlorotoluene

Concen: 2.871 ug/l

RT: 13.96 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VD062793.D

Acq: 20 Jun 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

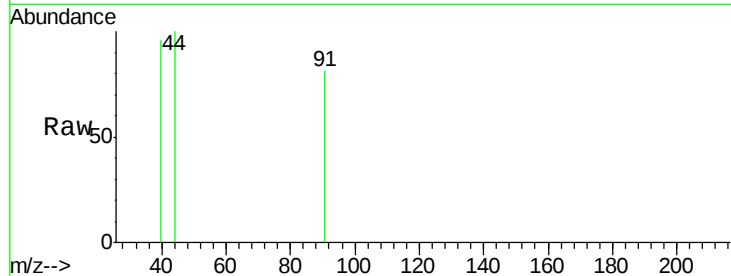
SIDEWALL-4RE

Tot Ion: 91 Resp: 520

Ion Ratio Lower Upper

91 100

126 0.0 16.0 47.9#



Abundance Ion 91.00 (90.70 to 91.70): VD062780.D (-1267) (-)

Ion 125.95 (125.65 to 126.65): VD062780.D (-1267) (-)

13.96

600

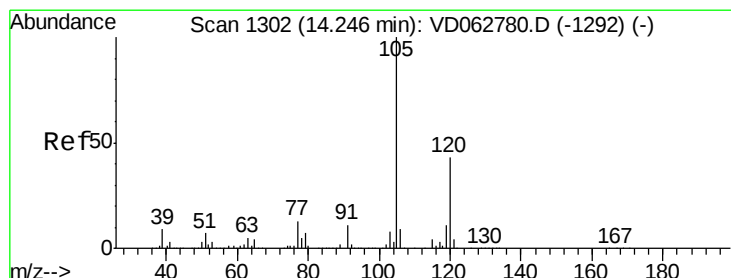
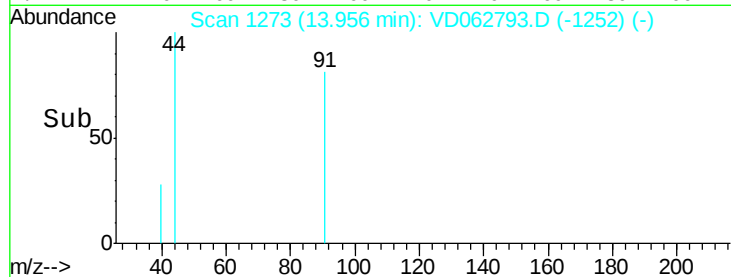
400

200

0

13.95 14.00

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 4.279 ug/l

RT: 14.26 min Scan# 1304

Delta R.T. 0.02 min

Lab File: VD062793.D

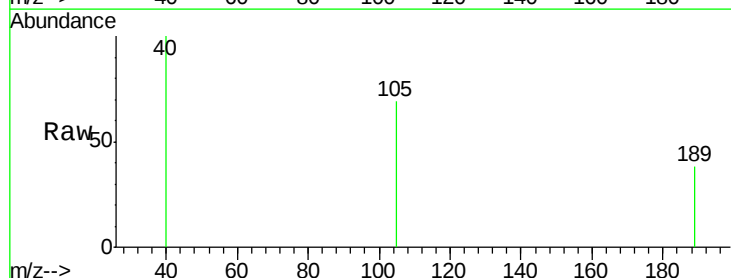
Acq: 20 Jun 2019 14:53

Tgt Ion: 105 Resp: 833

Ion Ratio Lower Upper

105 100

120 0.0 21.3 63.9#



Abundance Ion 105.05 (104.75 to 105.75): VD062780.D (-1292) (-)

Ion 120.05 (119.75 to 120.75): VD062780.D (-1292) (-)

14.26

600

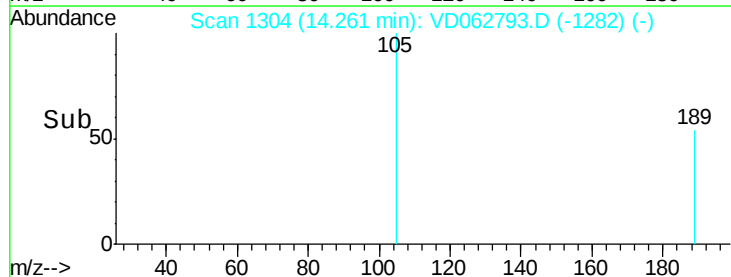
400

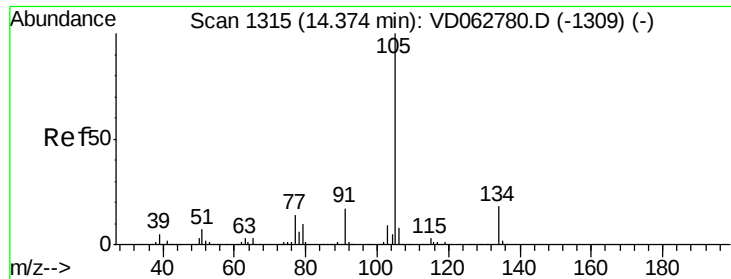
200

0

14.20 14.25 14.30

Time-->





#85

sec-Butylbenzene

Concen: 3.620 ug/l

RT: 14.26 min Scan# 1304

Delta R.T. -0.11 min

Lab File: VD062793.D

Acq: 20 Jun 2019 14:53

Instrument :

MSVOA_D

ClientSampleId :

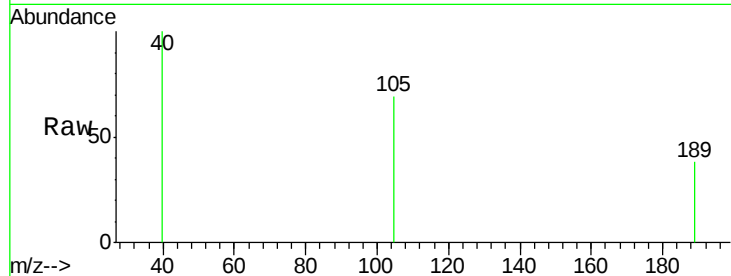
SIDEWALL-4RE

Tot Ion:105 Resp: 833

Ion Ratio Lower Upper

105 100

134 0.0 9.1 27.3#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

14.26

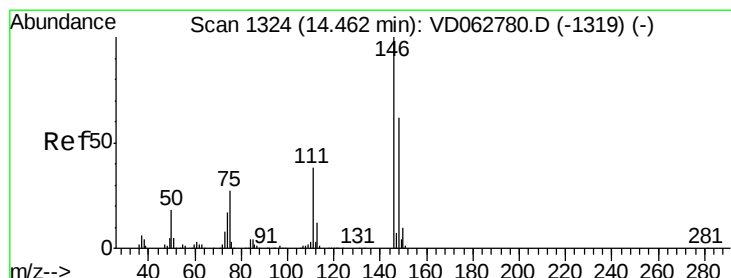
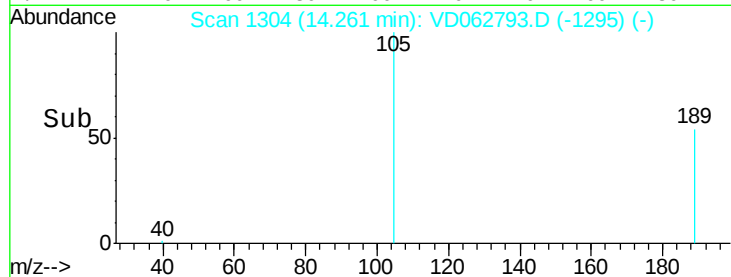
600

400

200

0

Time--> 14.20 14.25 14.30



#87

1,3-Dichlorobenzene

Concen: 1.853 ug/l

RT: 14.55 min Scan# 1333

Delta R.T. 0.08 min

Lab File: VD062793.D

Acq: 20 Jun 2019 14:53

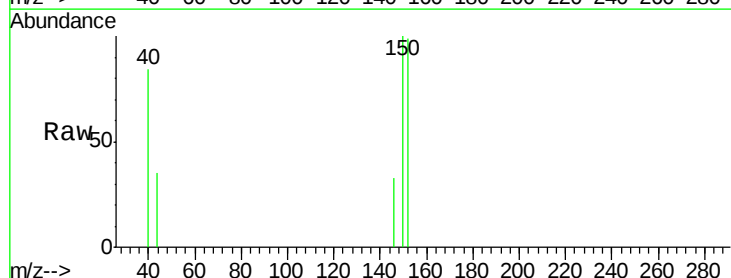
Tgt Ion:146 Resp: 202

Ion Ratio Lower Upper

146 100

111 0.0 19.0 57.0#

148 0.0 30.8 92.3#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

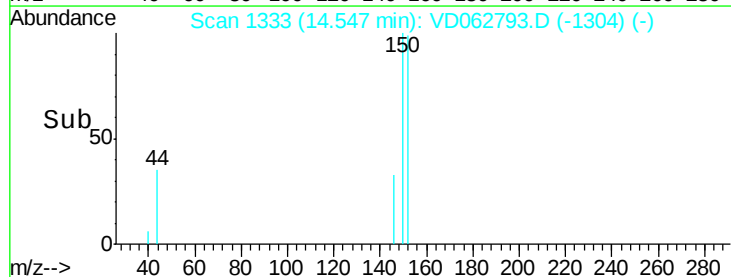
600

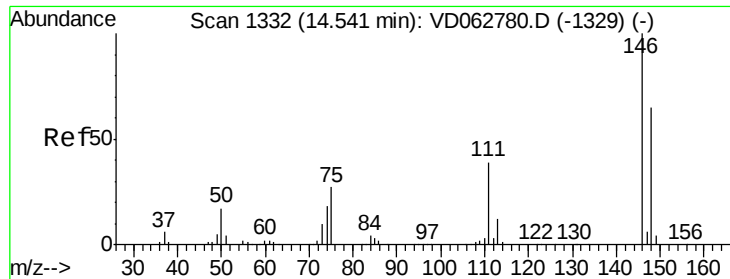
400

200

0

Time--> 14.52 14.54 14.56

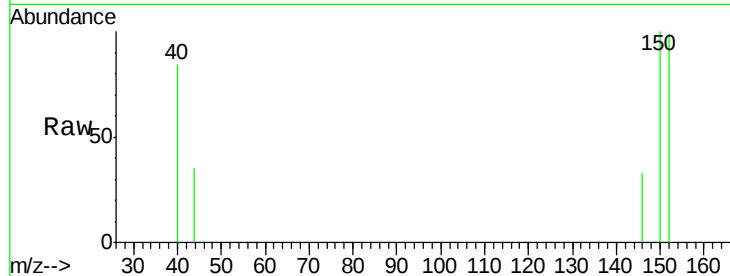




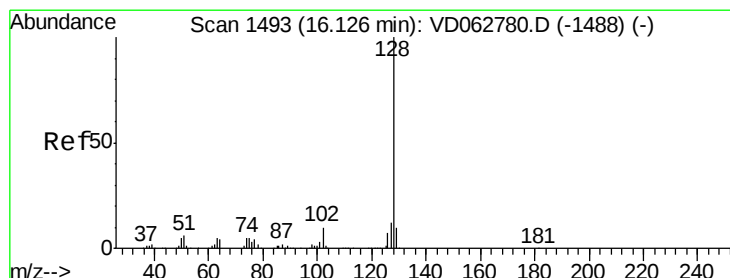
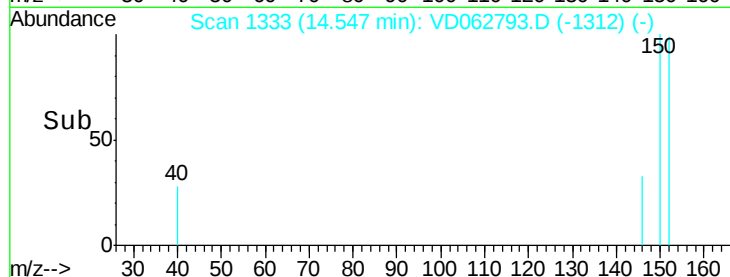
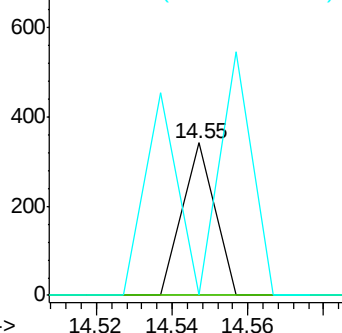
#88
 1,4-Dichlorobenzene
 Concen: 1.844 ug/l
 RT: 14.55 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: VD062793.D
 Acq: 20 Jun 2019 14:53

Instrument :
 MSVOA_D
 ClientSampleId :
 SIDEWALL-4RE

Tot Ion:146 Resp: 202
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.7 59.1#
 148 0.0 32.8 98.3#

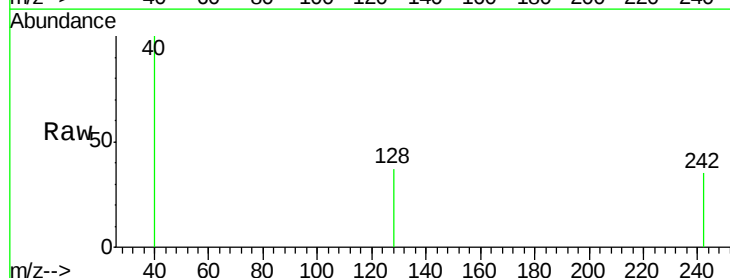


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#95
 Naphthalene
 Concen: 1.929 ug/l
 RT: 16.14 min Scan# 1495
 Delta R.T. 0.02 min
 Lab File: VD062793.D
 Acq: 20 Jun 2019 14:53

Tgt Ion:128 Resp: 197
 Ion Ratio Lower Upper
 128 100
 127 0.0 9.7 14.5#
 129 0.0 8.3 12.5#



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

