

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062570.D
 Acq On : 31 May 2019 18:09
 Operator : VA/AP
 Sample : K3097-10
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190430-HR-10

Quant Time: May 31 23:28:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	5931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	8843	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	8306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	3227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	6228	89.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.12%	
35) Dibromofluoromethane	6.93	113	3543	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	
50) Toluene-d8	10.43	98	6446	36.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.02%	
62) 4-Bromofluorobenzene	13.56	95	3520	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	

Target Compounds

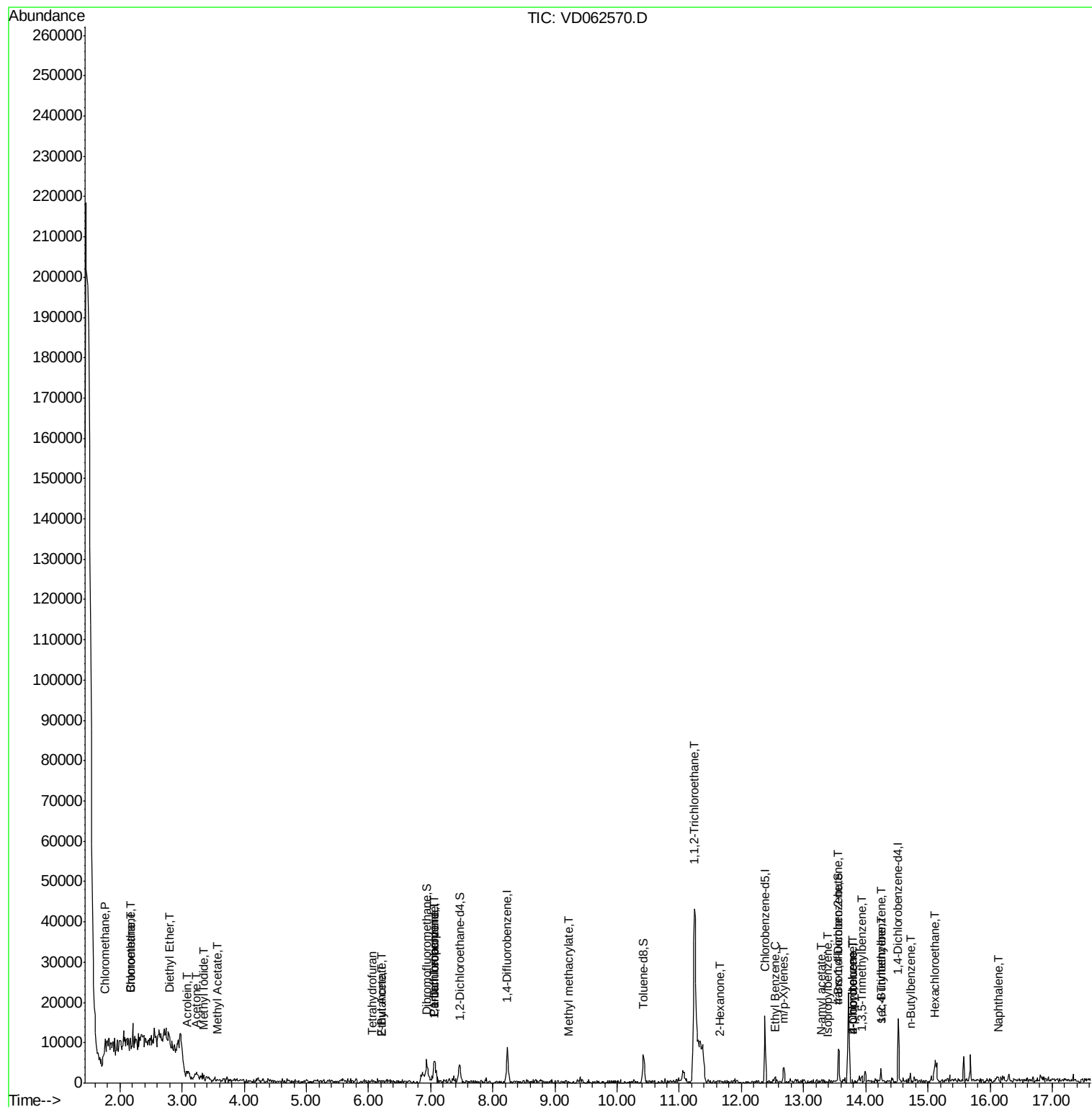
						Qvalue
3) Chloromethane	1.77	50	1404	18.838	ug/l #	43
5) Bromomethane	2.16	94	602	35.279	ug/l #	12
6) Chloroethane	2.17	64	233	9.456	ug/l #	2
8) Diethyl Ether	2.81	74	236	16.567	ug/l	65
10) Methyl Iodide	3.35	142	944	12.687	ug/l #	90
13) Acrolein	3.08	56	209	161.713	ug/l #	10
16) Acetone	3.23	43	3755	274.815	ug/l #	60
18) Methyl Acetate	3.58	43	198	8.878	ug/l #	63
25) 2-Butanone	6.21	43	183	14.221	ug/l #	62
29) Tetrahydrofuran	6.07	42	200	34.696	ug/l #	33
36) 1,1-Dichloropropene	7.04	75	180	2.045	ug/l #	41
37) Ethyl Acetate	6.21	43	183	4.931	ug/l #	72
38) Carbon Tetrachloride	7.07	117	395	3.014	ug/l #	15
48) Methyl methacrylate	9.22	41	338	10.987	ug/l #	18
55) 1,1,2-Trichloroethane	11.24	97	844	21.814	ug/l #	16
59) 2-Hexanone	11.65	43	207	9.158	ug/l #	32
67) Ethyl Benzene	12.53	91	1347	4.544	ug/l #	47
68) m/p-Xylenes	12.67	106	1569	15.299	ug/l #	59
73) Isopropylbenzene	13.39	105	380	1.786	ug/l #	52
74) N-amyl acetate	13.28	43	234	4.314	ug/l #	51
78) n-propylbenzene	13.78	91	370	1.509	ug/l #	57
79) 2-Chlorotoluene	13.78	91	370	2.602	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.94	105	348	1.914	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.56	75	1592	143.509	ug/l #	5
82) 4-Chlorotoluene	13.78	91	370	2.174	ug/l #	41
84) 1,2,4-Trimethylbenzene	14.25	105	1943	10.489	ug/l #	53
85) sec-Butylbenzene	14.25	105	1943	9.042	ug/l #	60
89) n-Butylbenzene	14.72	91	256	1.428	ug/l #	30
90) Hexachloroethane	15.10	117	256	4.806	ug/l #	6
95) Naphthalene	16.13	128	663	7.158	ug/l #	71

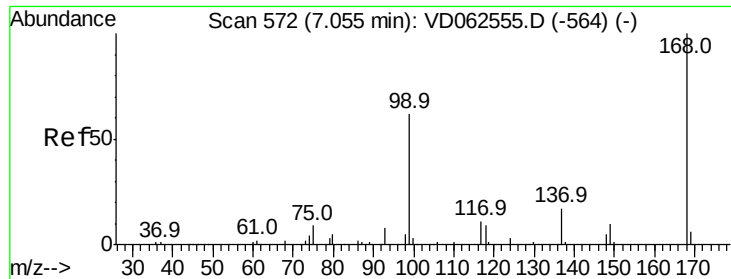
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration

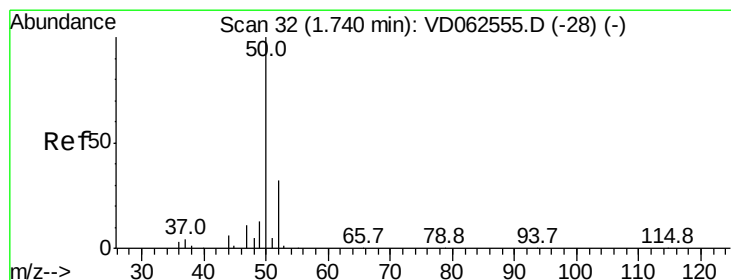
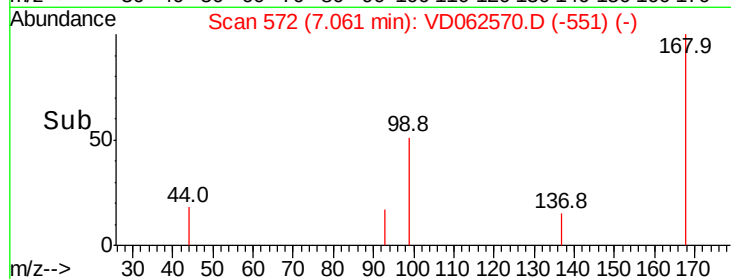
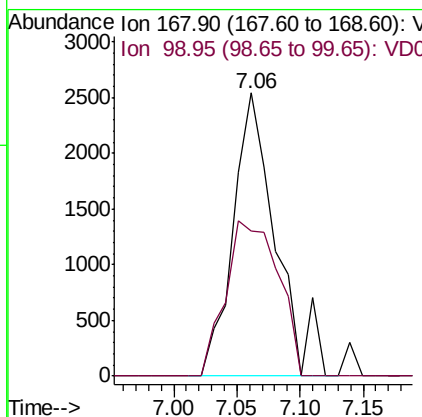
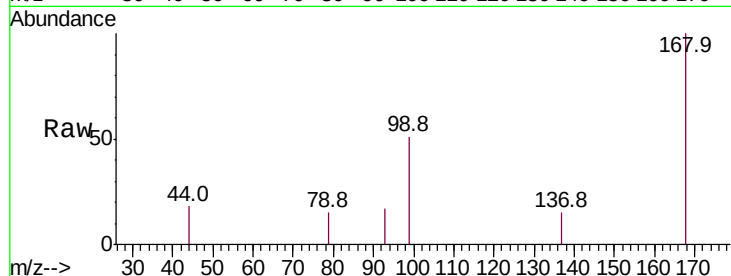




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.01 min
Lab File: VD062570.D
Acq: 31 May 2019 18:09

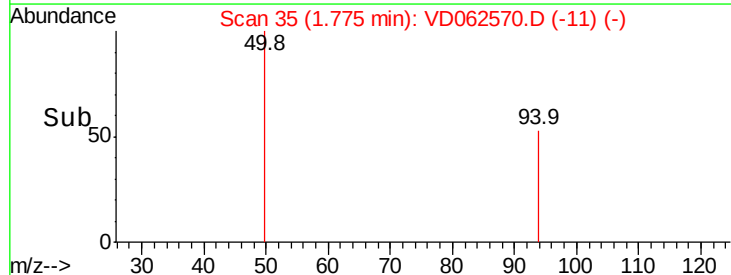
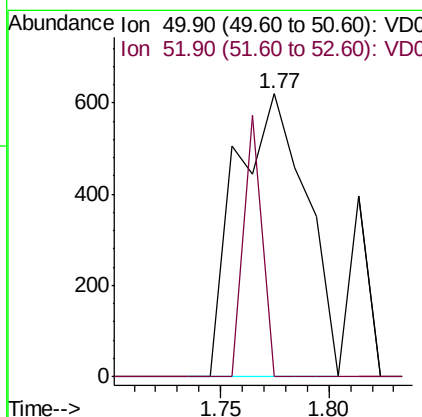
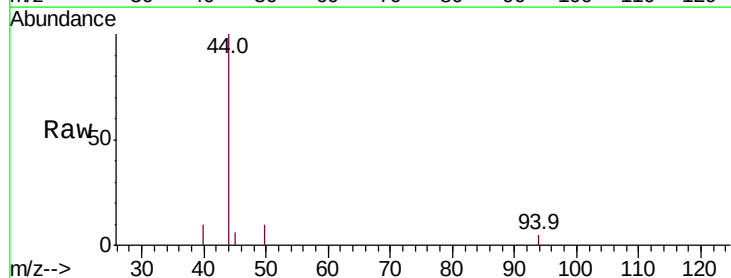
Instrument :
MSVOA_D
ClientSampleId :
20190430-HR-10

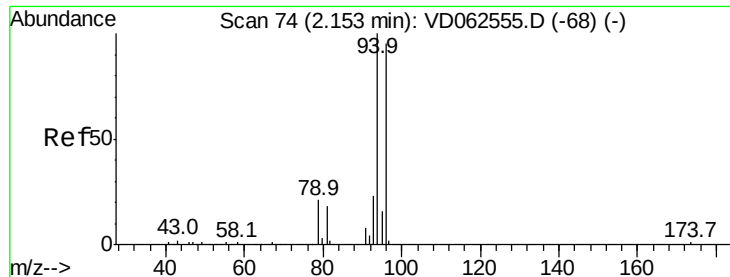
Tot Ion:168 Resp: 5931
Ion Ratio Lower Upper
168 100
99 51.5 50.8 76.2



#3
Chloromethane
Concen: 18.838 ug/l
RT: 1.77 min Scan# 35
Delta R.T. 0.04 min
Lab File: VD062570.D
Acq: 31 May 2019 18:09

Tgt Ion: 50 Resp: 1404
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#5

Bromomethane

Concen: 35.279 ug/l

RT: 2.16 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

20190430-HR-10

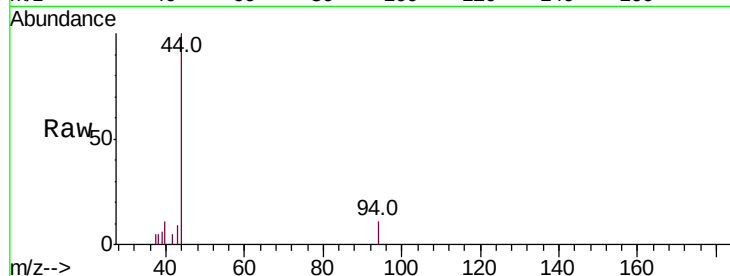
Tot Ion: 94 Resp: 602

Ion Ratio Lower Upper

94 100

96 0.0 76.2 114.4#

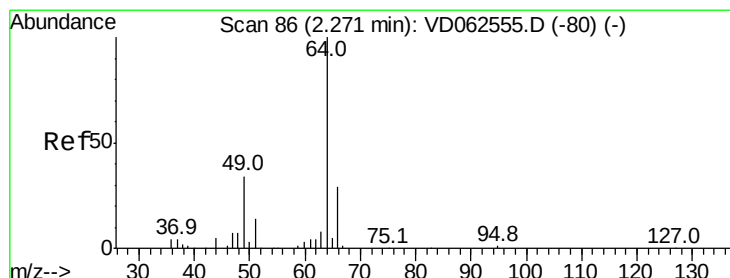
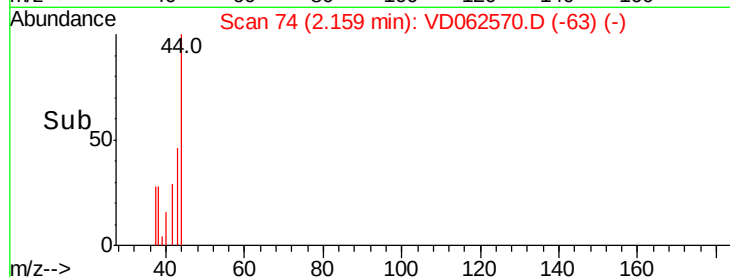
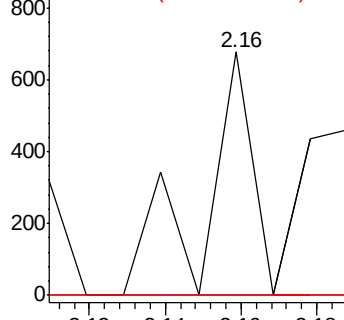
93 0.0 18.4 27.6#



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



#6

Chloroethane

Concen: 9.456 ug/l

RT: 2.17 min Scan# 75

Delta R.T. -0.10 min

Lab File: VD062570.D

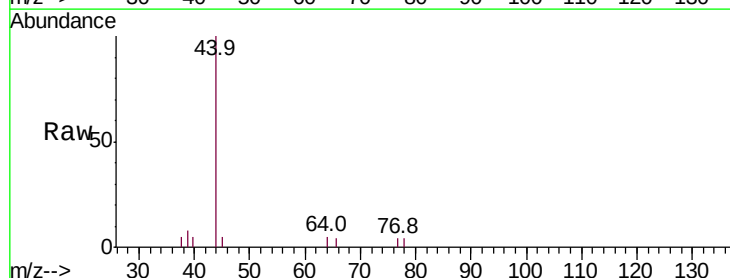
Acq: 31 May 2019 18:09

Tgt Ion: 64 Resp: 233

Ion Ratio Lower Upper

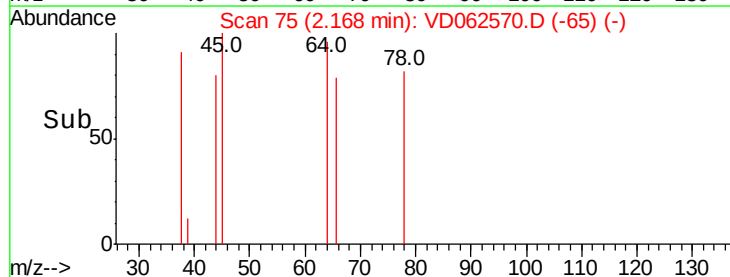
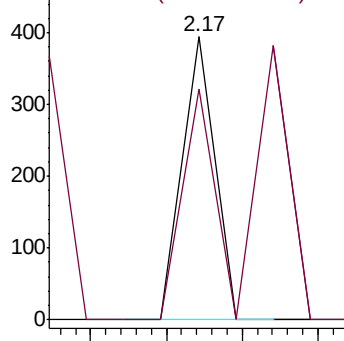
64 100

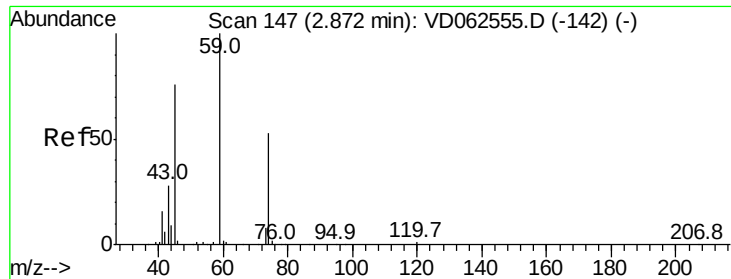
66 81.7 23.4 35.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC





#8

Diethyl Ether

Concen: 16.567 ug/l

RT: 2.81 min Scan# 140

Delta R.T. -0.06 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

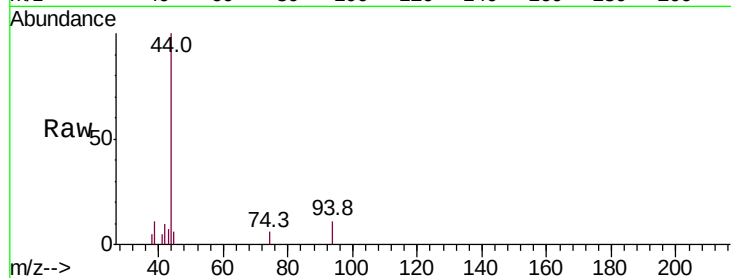
20190430-HR-10

Tot Ion: 74 Resp: 236

Ion Ratio Lower Upper

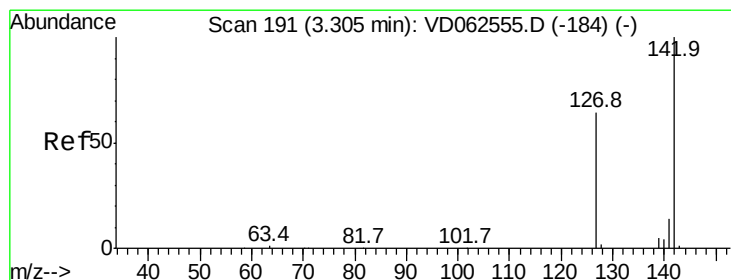
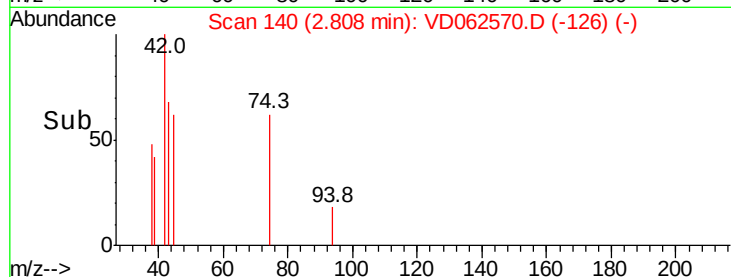
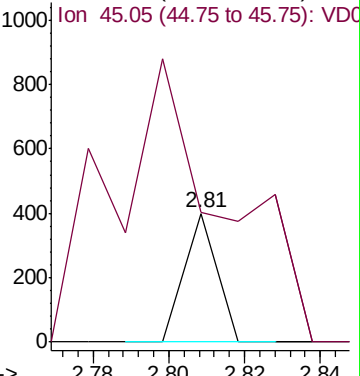
74 100

45 100.3 71.9 215.7



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



#10

Methyl Iodide

Concen: 12.687 ug/l

RT: 3.35 min Scan# 195

Delta R.T. 0.04 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

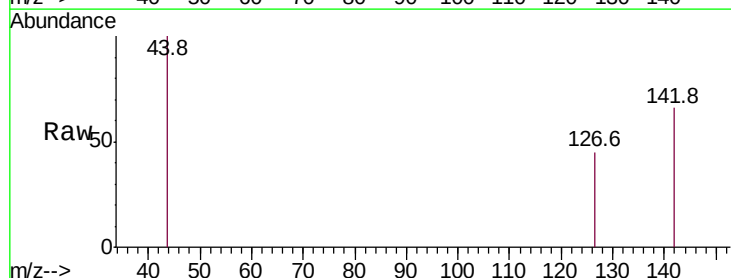
Tgt Ion: 142 Resp: 944

Ion Ratio Lower Upper

142 100

127 67.7 51.2 76.8

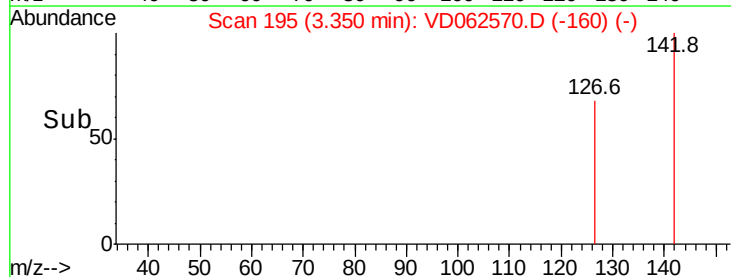
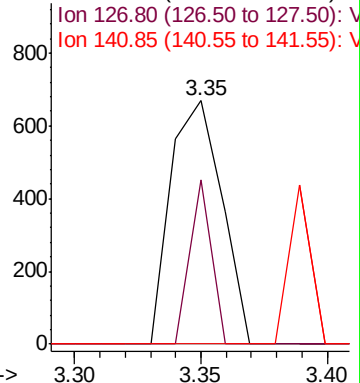
141 0.0 11.0 16.4#

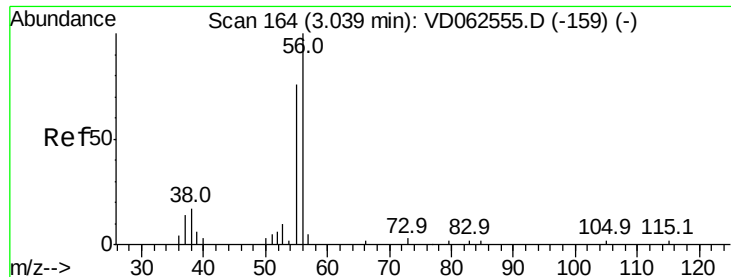


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#13

Acrolein

Concen: 161.713 ug/l

RT: 3.08 min Scan# 168

Delta R.T. 0.05 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

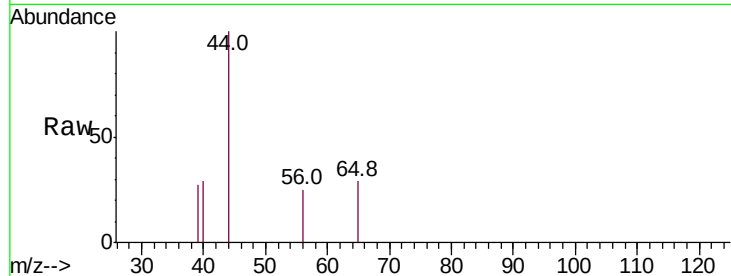
20190430-HR-10

Tot Ion: 56 Resp: 209

Ion Ratio Lower Upper

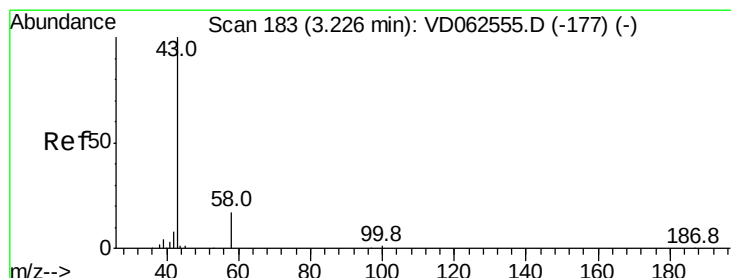
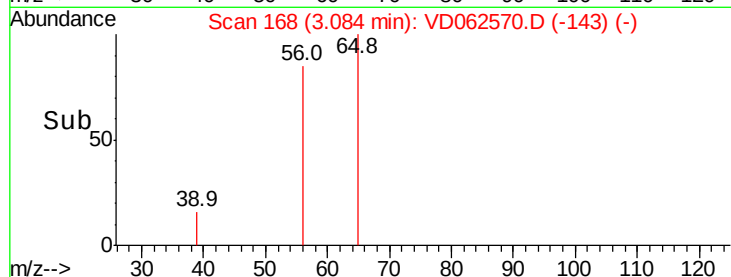
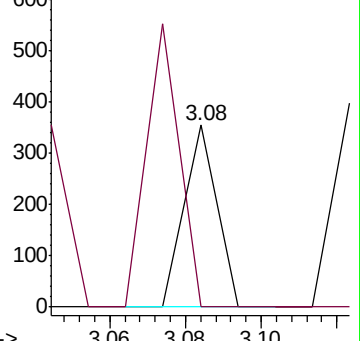
56 100

55 0.0 62.6 93.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 274.815 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD062570.D

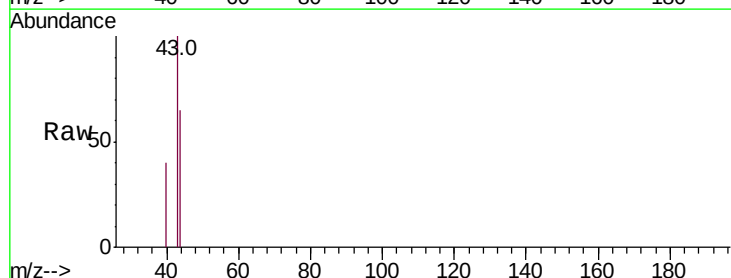
Acq: 31 May 2019 18:09

Tgt Ion: 43 Resp: 3755

Ion Ratio Lower Upper

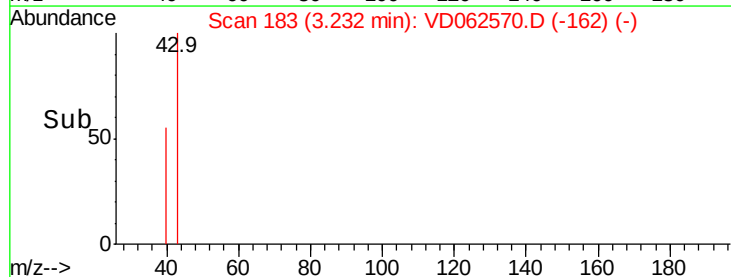
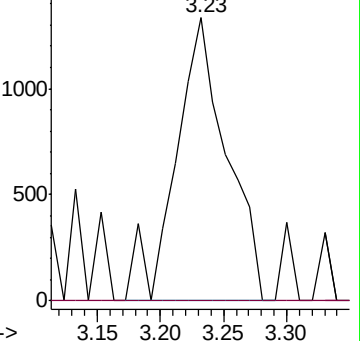
43 100

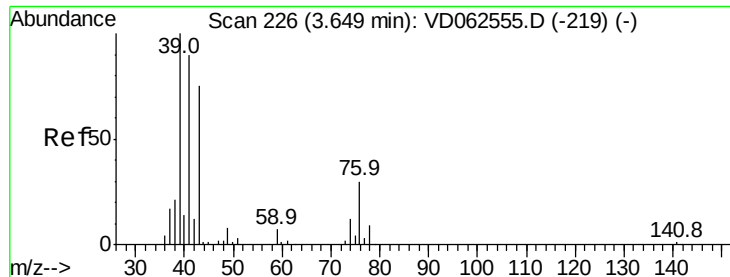
58 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

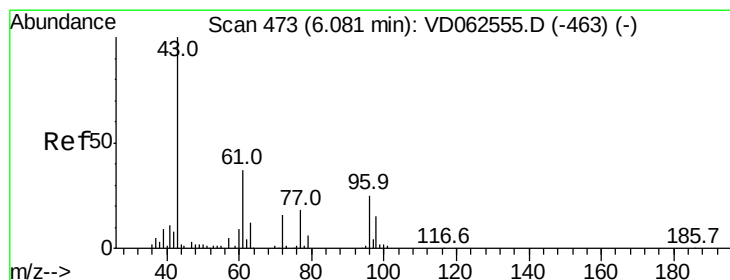
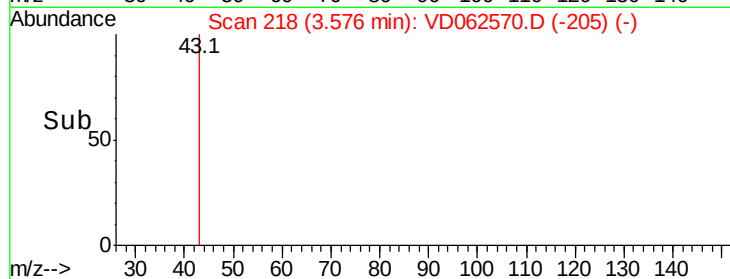
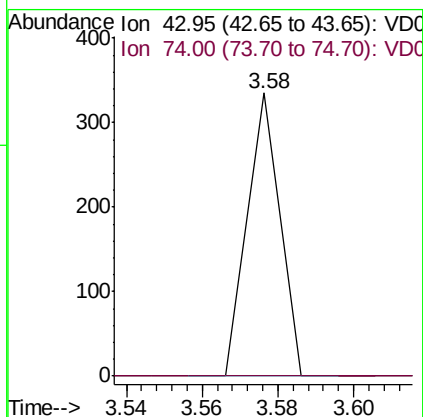
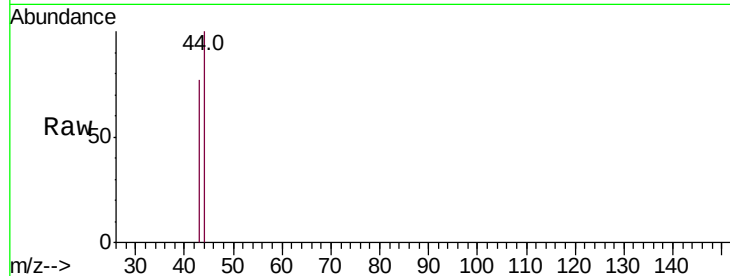




#18
Methvl Acetate
Concen: 8.878 ug/l
RT: 3.58 min Scan# 218
Delta R.T. -0.07 min
Lab File: VD062570.D
Acq: 31 May 2019 18:09

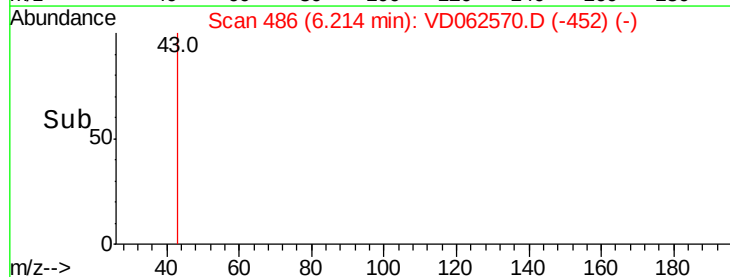
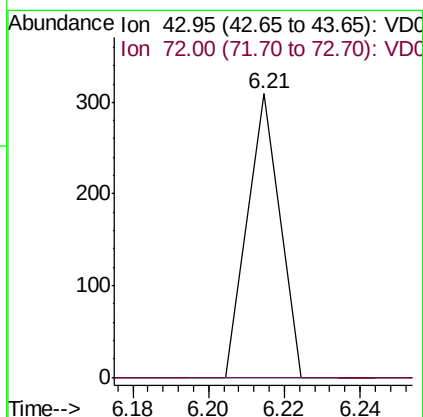
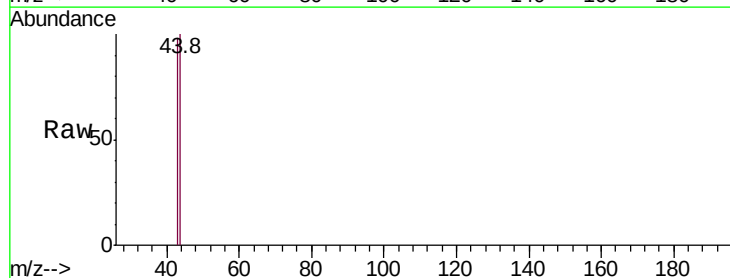
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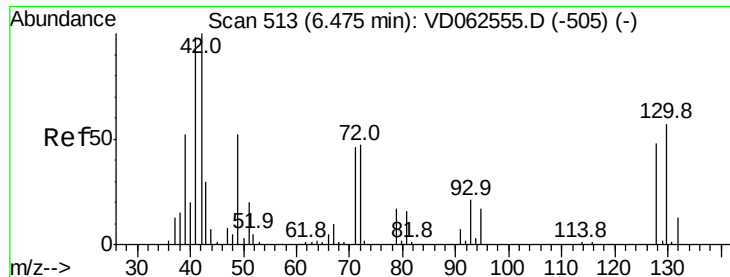
Tot Ion: 43 Resp: 198
Ion Ratio Lower Upper
43 100
74 0.0 12.5 18.7#



#25
2-Butanone
Concen: 14.221 ug/l
RT: 6.21 min Scan# 486
Delta R.T. 0.13 min
Lab File: VD062570.D
Acq: 31 May 2019 18:09

Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
72 0.0 12.7 19.1#





#29

Tetrahydrofuran

Concen: 34.696 ug/l

RT: 6.07 min Scan# 471

Delta R.T. -0.41 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

20190430-HR-10

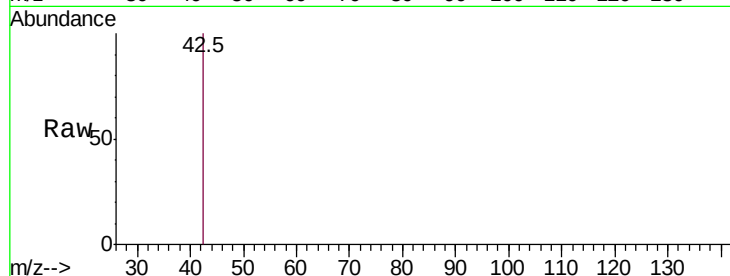
Tot Ion: 42 Resp: 200

Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

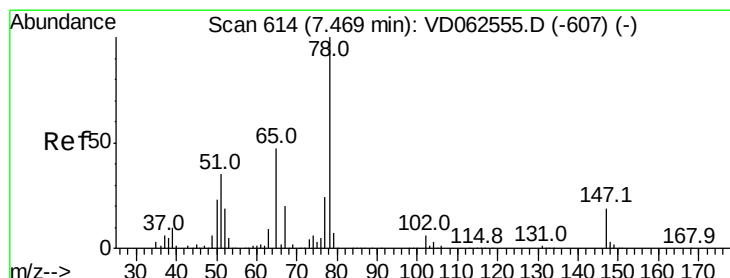
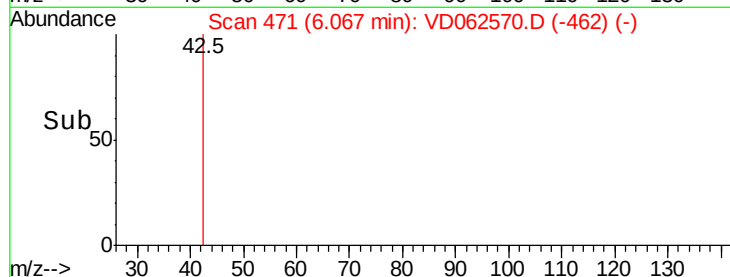
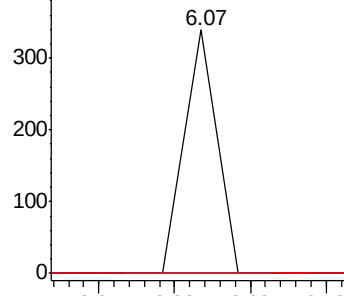
71 0.0 33.0 49.6#



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: 89.556 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062570.D

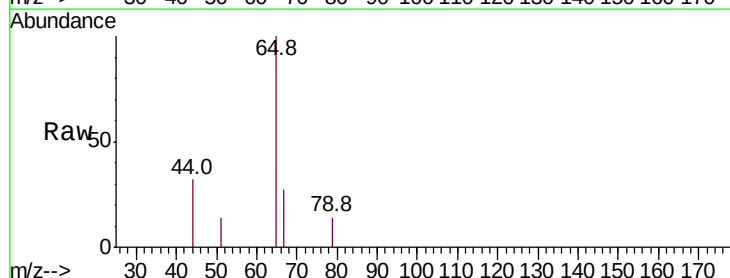
Acq: 31 May 2019 18:09

Tgt Ion: 65 Resp: 6228

Ion Ratio Lower Upper

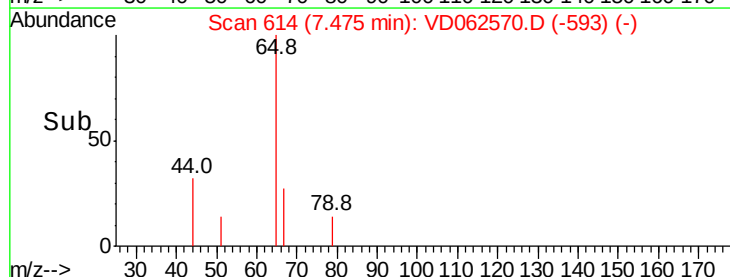
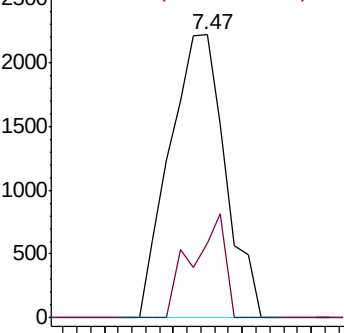
65 100

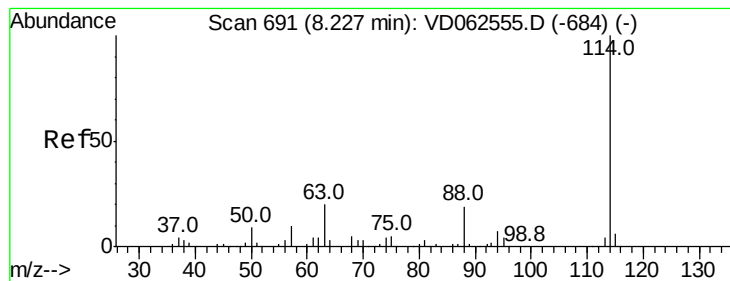
67 26.5 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

20190430-HR-10

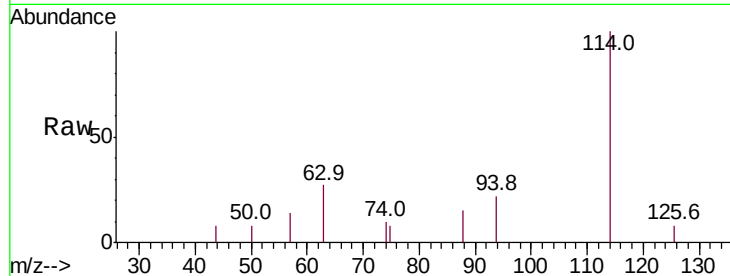
Tot Ion:114 Resp: 8843

Ion Ratio Lower Upper

114 100

63 27.3 0.0 40.6

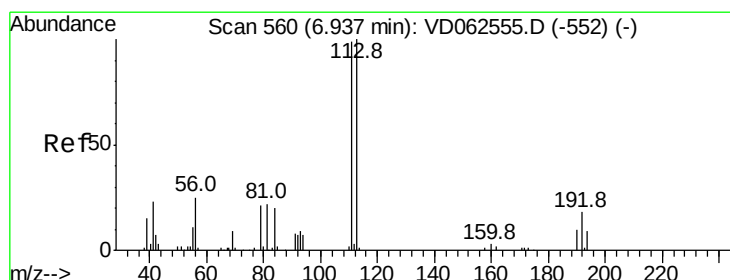
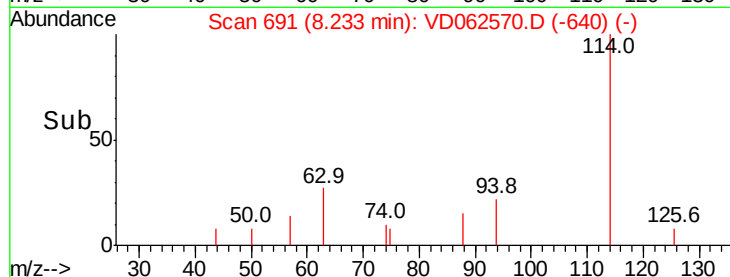
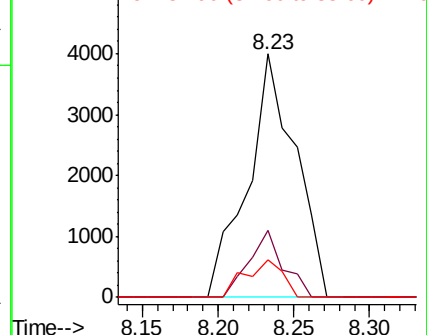
88 15.2 0.0 37.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 43.967 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

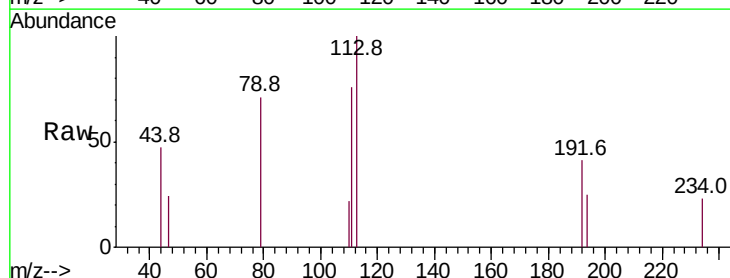
Tgt Ion:113 Resp: 3543

Ion Ratio Lower Upper

113 100

111 76.1 78.8 118.2#

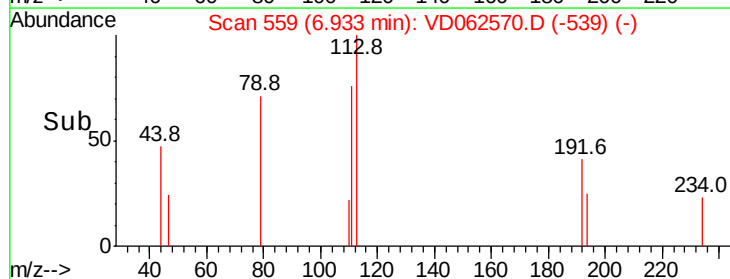
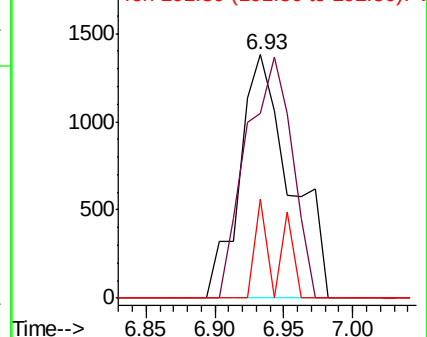
192 40.9 14.6 22.0#

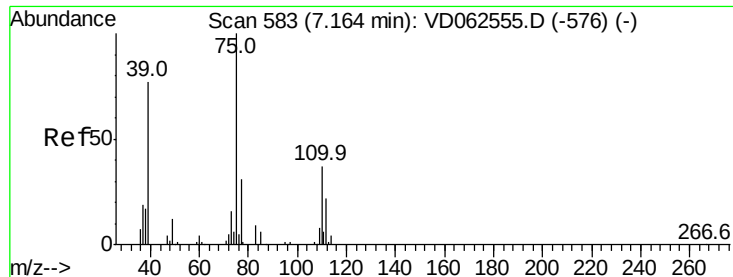


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 2.045 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.12 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

20190430-HR-10

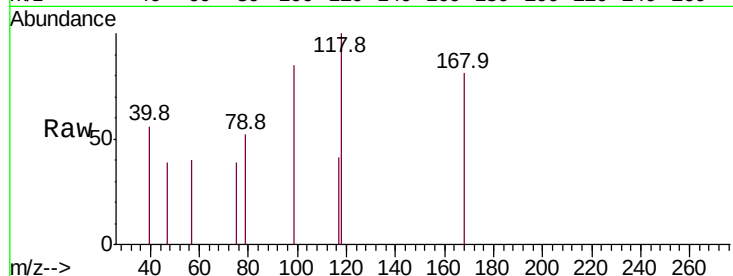
Tot Ion: 75 Resp: 180

Ion Ratio Lower Upper

75 100

110 0.0 18.3 54.8#

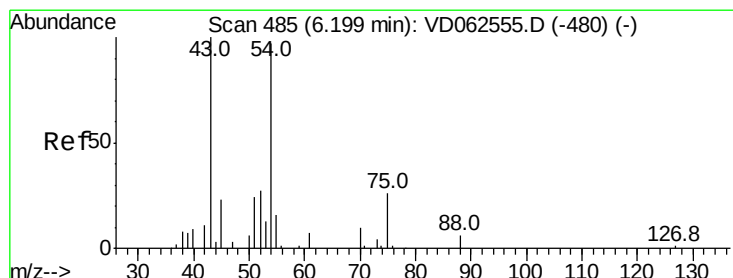
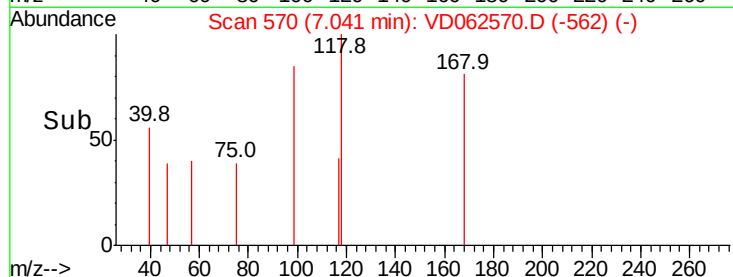
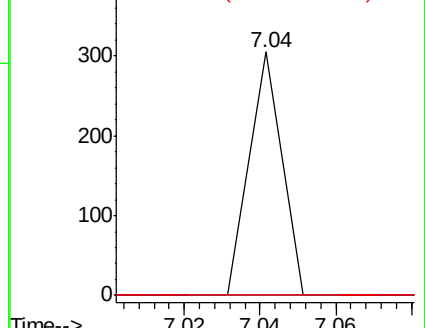
77 0.0 24.4 36.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#37

Ethyl Acetate

Concen: 4.931 ug/l

RT: 6.21 min Scan# 486

Delta R.T. 0.02 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

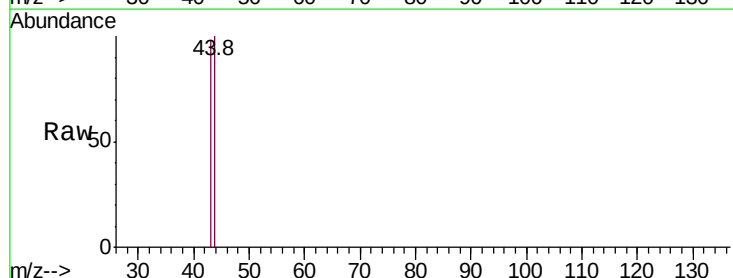
Tgt Ion: 43 Resp: 183

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

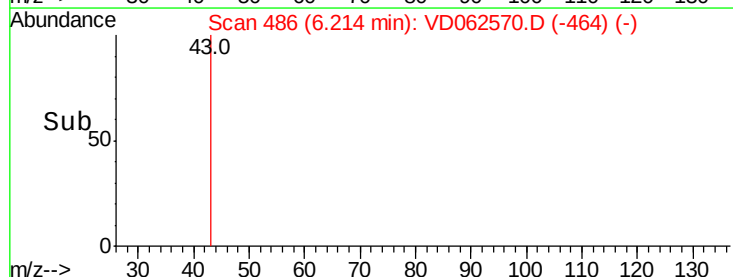
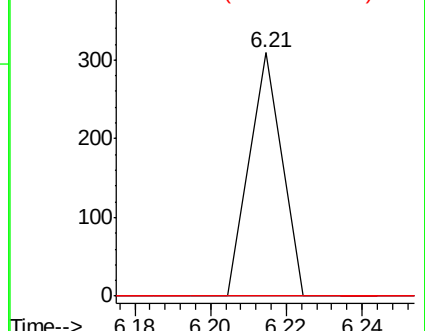
70 0.0 6.5 9.7#

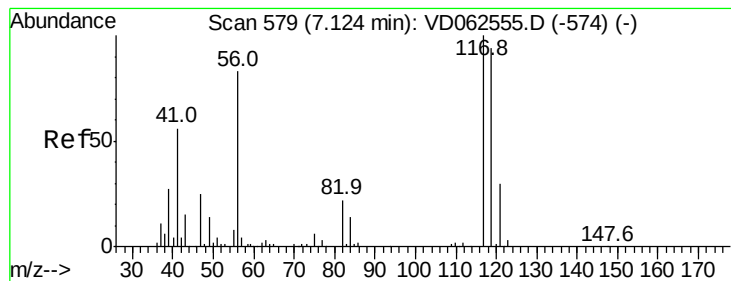


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 3.014 ug/l

RT: 7.07 min Scan# 573

Delta R.T. -0.05 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

20190430-HR-10

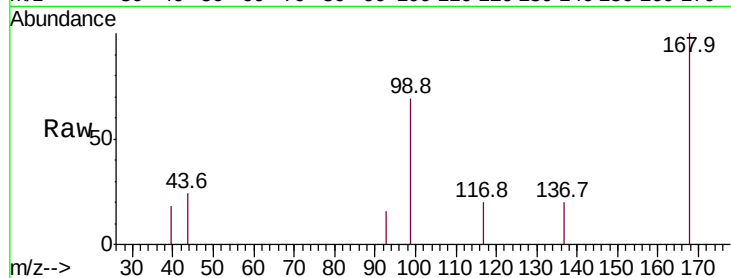
Tot Ion:117 Resp: 395

Ion Ratio Lower Upper

117 100

119 0.0 71.4 107.2#

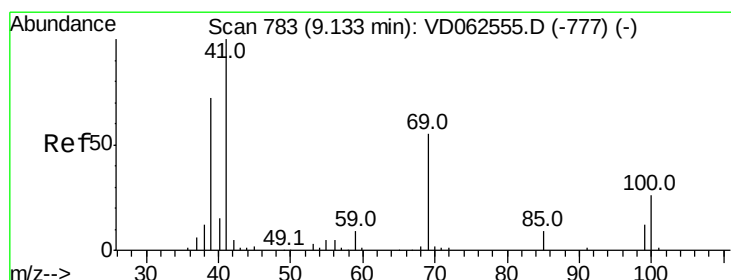
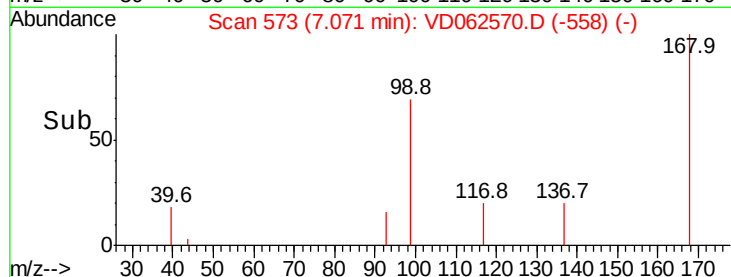
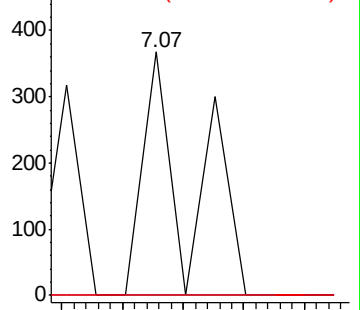
121 0.0 22.5 33.7#



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



#48

Methyl methacrylate

Concen: 10.987 ug/l

RT: 9.22 min Scan# 791

Delta R.T. 0.08 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

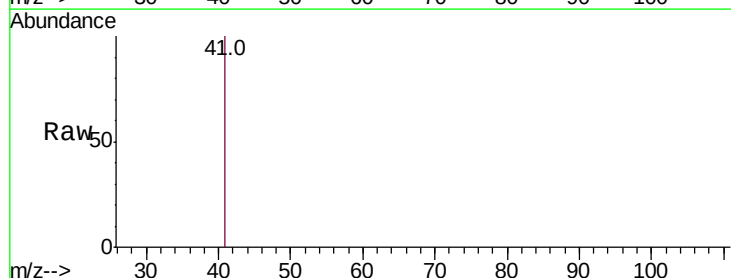
Tgt Ion: 41 Resp: 338

Ion Ratio Lower Upper

41 100

69 0.0 43.6 65.4#

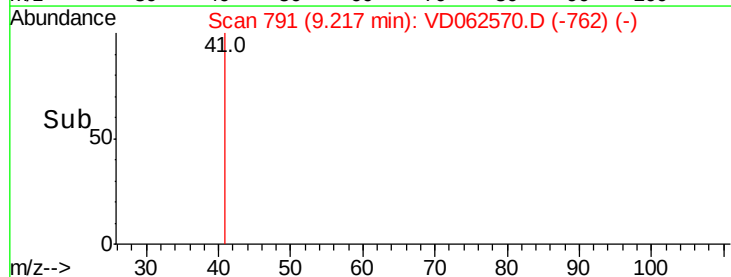
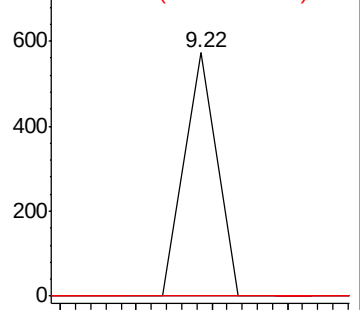
39 0.0 58.1 87.1#

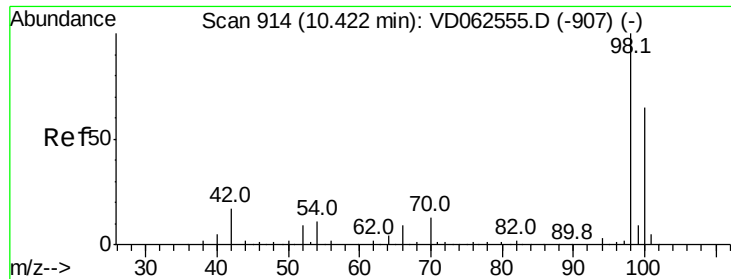


Abundance Ion 40.95 (40.65 to 41.65): V

Ion 69.00 (68.70 to 69.70): V

Ion 38.95 (38.65 to 39.65): V





#50

Toluene-d8

Concen: 36.509 ug/l

RT: 10.43 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

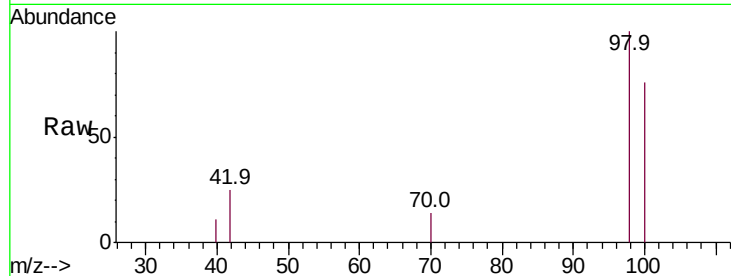
20190430-HR-10

Tot Ion: 98 Resp: 6446

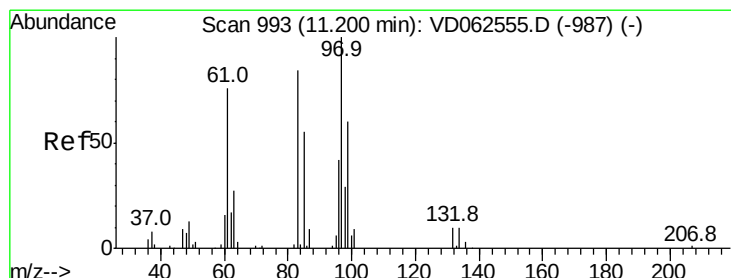
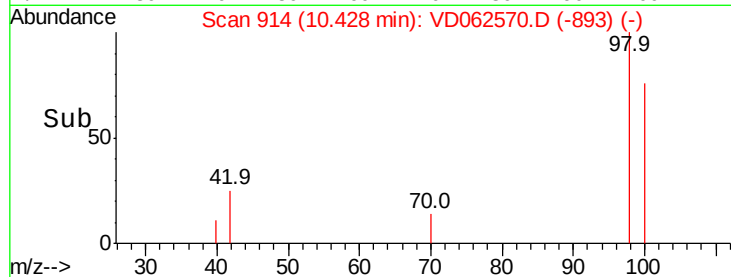
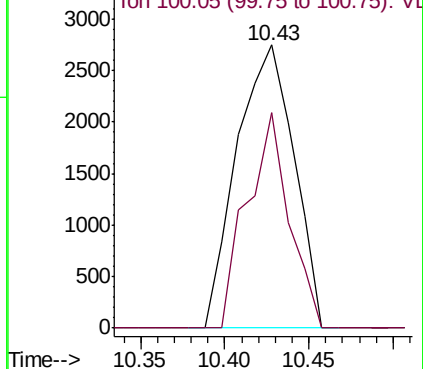
Ion Ratio Lower Upper

98 100

100 76.0 52.3 78.5



Abundance Ion 98.05 (97.75 to 98.75): VDC



#55

1,1,2-Trichloroethane

Concen: 21.814 ug/l

RT: 11.24 min Scan# 996

Delta R.T. 0.04 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Tgt Ion: 97 Resp: 844

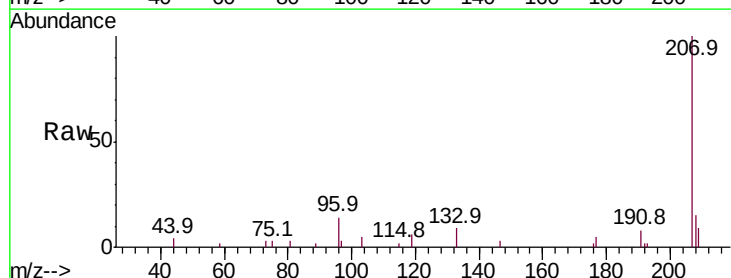
Ion Ratio Lower Upper

97 100

83 0.0 67.3 100.9#

85 0.0 43.8 65.8#

99 0.0 48.2 72.2#

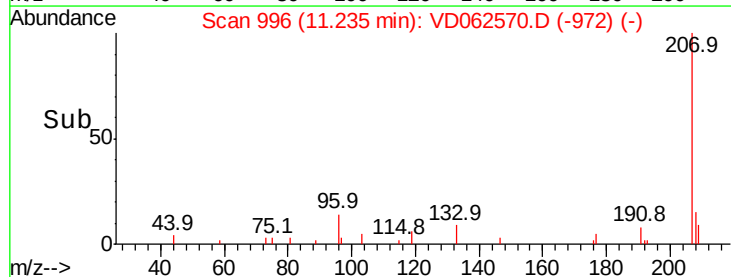
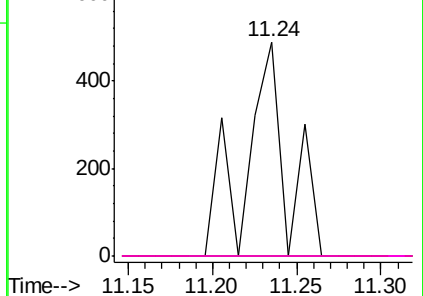


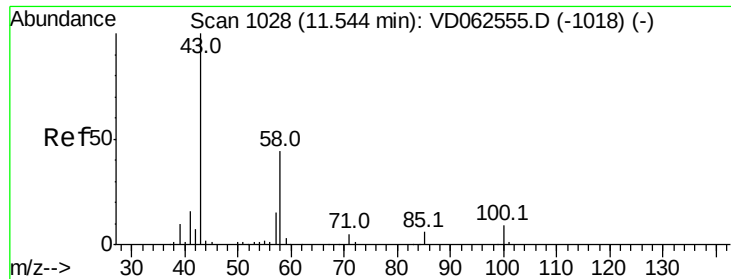
Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC





#59

2-Hexanone

Concen: 9.158 ug/l

RT: 11.65 min Scan# 1038

Delta R.T. 0.10 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

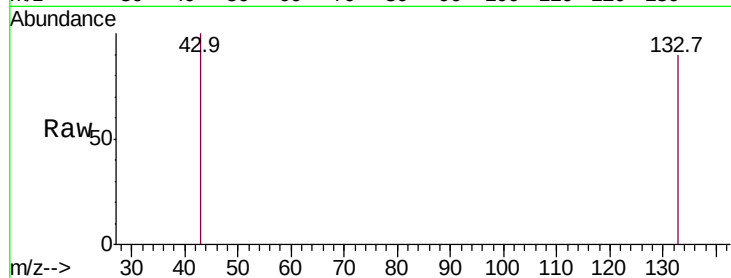
20190430-HR-10

Tot Ion: 43 Resp: 207

Ion Ratio Lower Upper

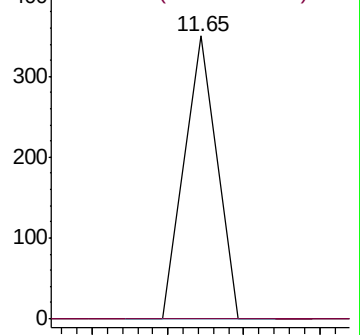
43 100

58 0.0 22.0 66.0#

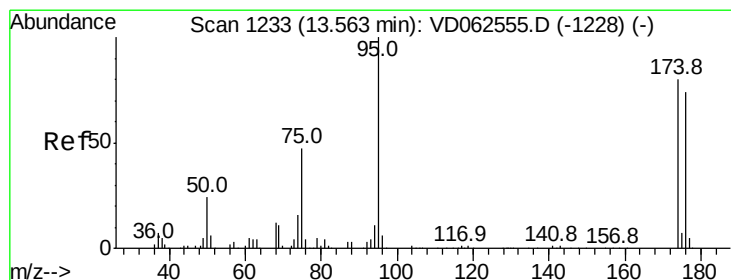
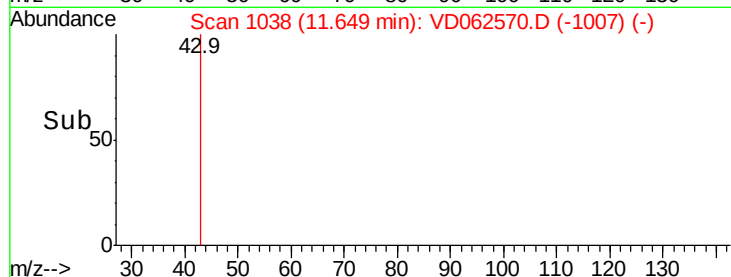


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 44.208 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

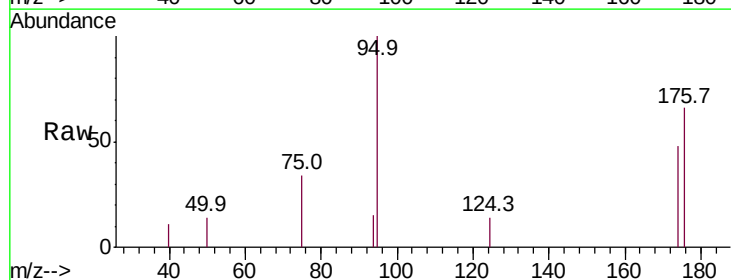
Tgt Ion: 95 Resp: 3520

Ion Ratio Lower Upper

95 100

174 48.1 0.0 160.2

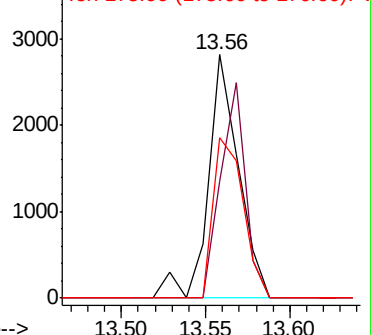
176 66.0 0.0 148.0



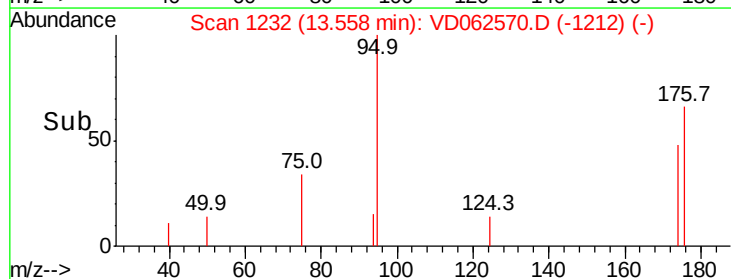
Abundance Ion 95.00 (94.70 to 95.70): VDC

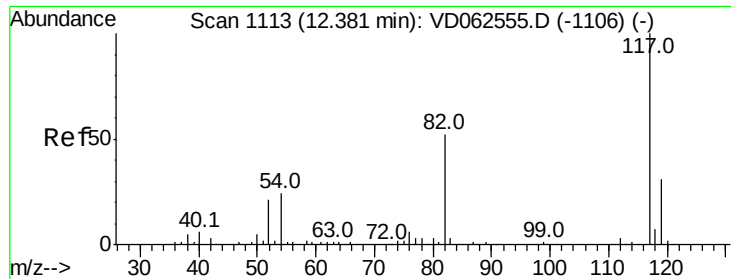
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



Time-->

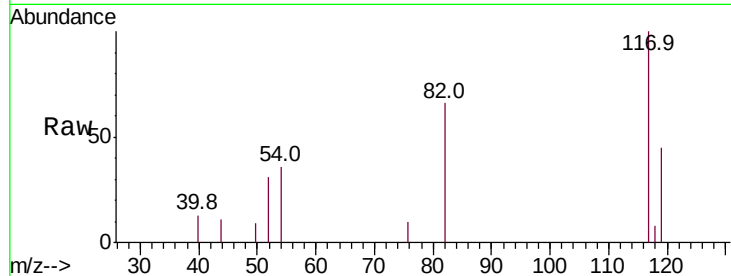




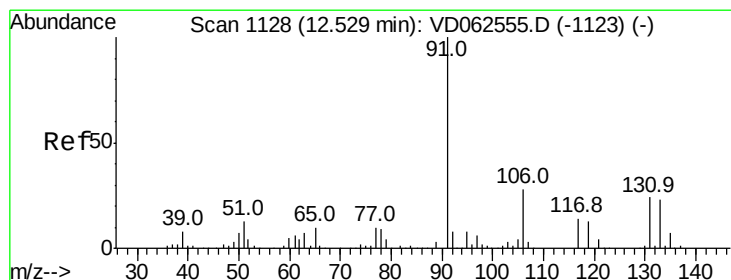
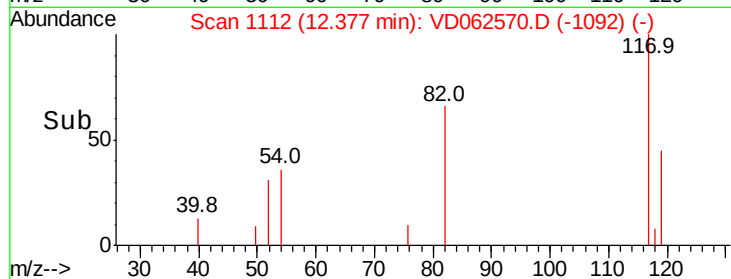
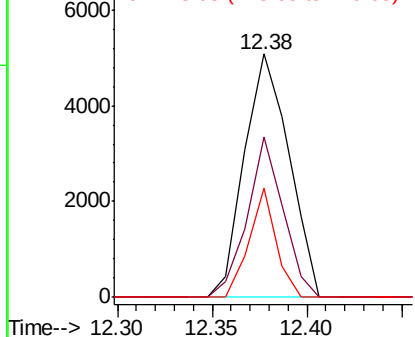
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062570.D
Acq: 31 May 2019 18:09

Instrument :
MSVOA_D
ClientSampleId :
20190430-HR-10

Tot Ion:117 Resp: 8306
Ion Ratio Lower Upper
117 100
82 66.1 41.4 62.2#
119 44.6 24.9 37.3#

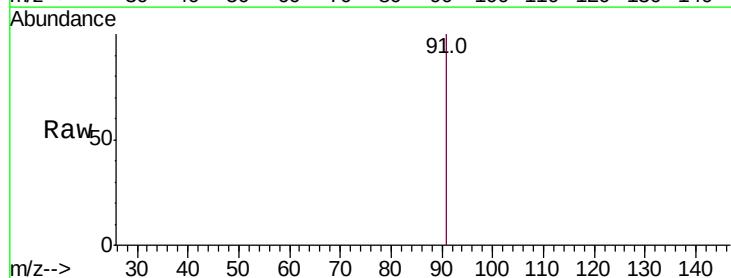


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

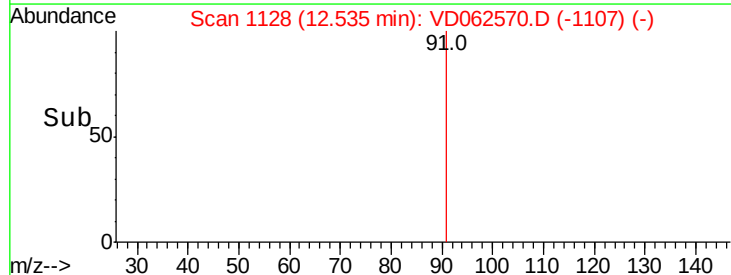
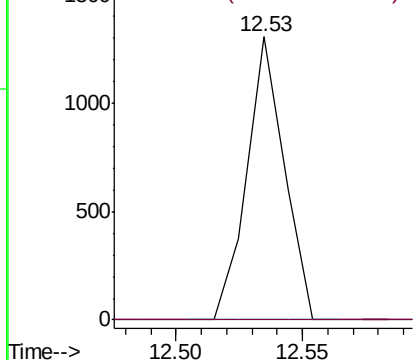


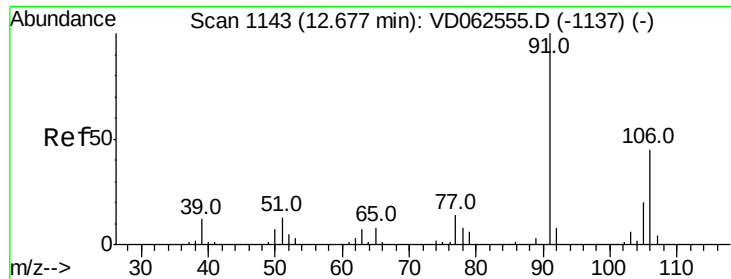
#67
Ethyl Benzene
Concen: 4.544 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VD062570.D
Acq: 31 May 2019 18:09

Tgt Ion: 91 Resp: 1347
Ion Ratio Lower Upper
91 100
106 0.0 22.2 33.2#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.05 (105.75 to 106.75): V

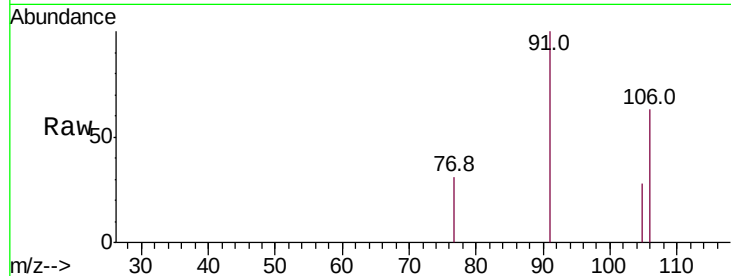




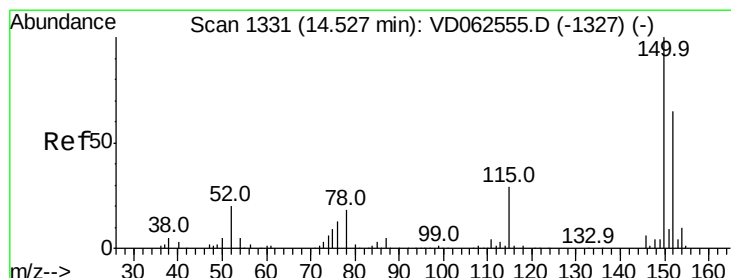
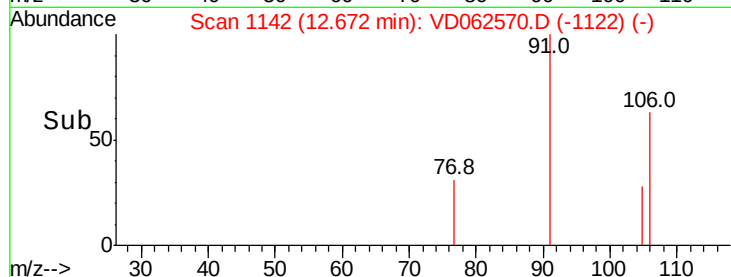
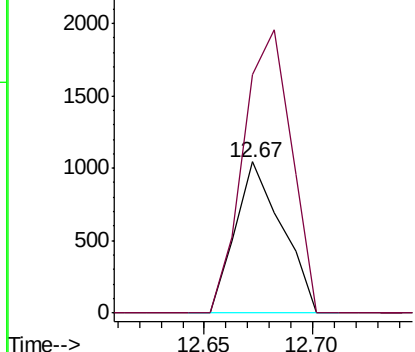
#68
m/p-Xvlenes
Concen: 15.299 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD062570.D
Acq: 31 May 2019 18:09

Instrument :
MSVOA_D
ClientSampleId :
20190430-HR-10

Tot Ion:106 Resp: 1569
Ion Ratio Lower Upper
106 100
91 157.6 178.9 268.3#

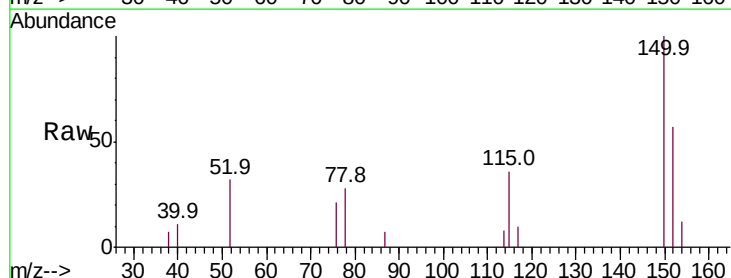


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

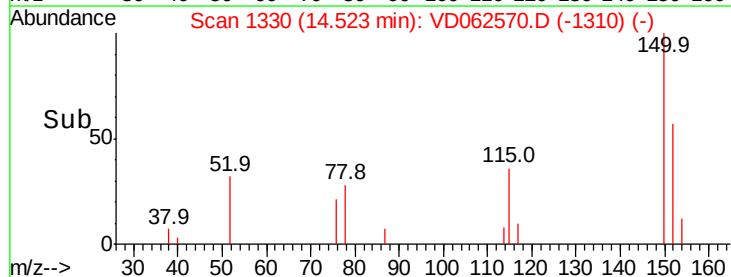
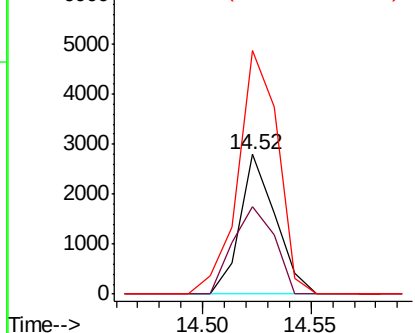


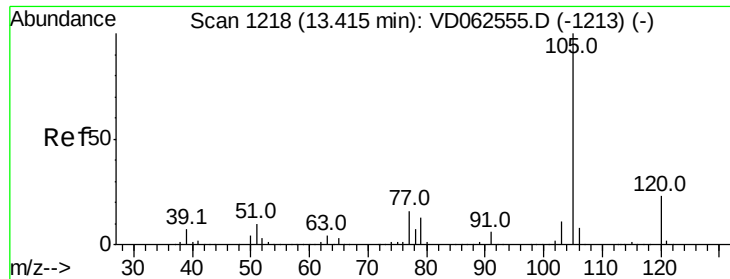
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062570.D
Acq: 31 May 2019 18:09

Tgt Ion:152 Resp: 3227
Ion Ratio Lower Upper
152 100
115 62.5 28.4 85.3
150 174.1 0.0 310.4



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





#73

Isopropylbenzene

Concen: 1.786 ug/l

RT: 13.39 min Scan# 1215

Delta R.T. -0.02 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

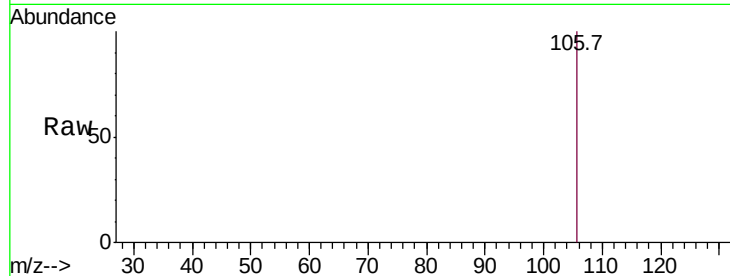
20190430-HR-10

Tot Ion:105 Resp: 380

Ion Ratio Lower Upper

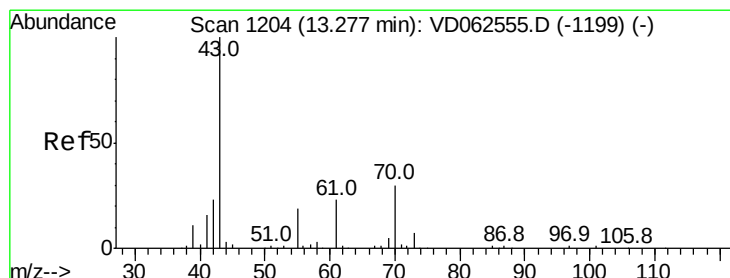
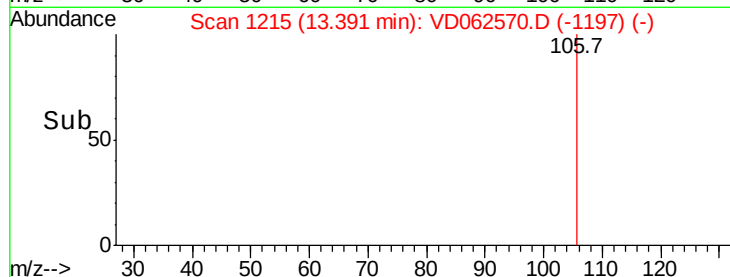
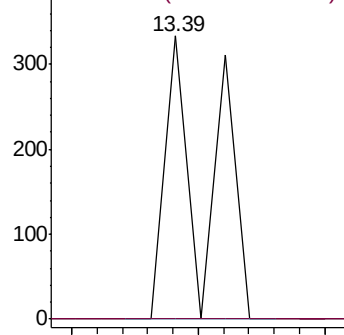
105 100

120 0.0 11.6 34.8#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 4.314 ug/l

RT: 13.28 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Tgt Ion: 43 Resp: 234

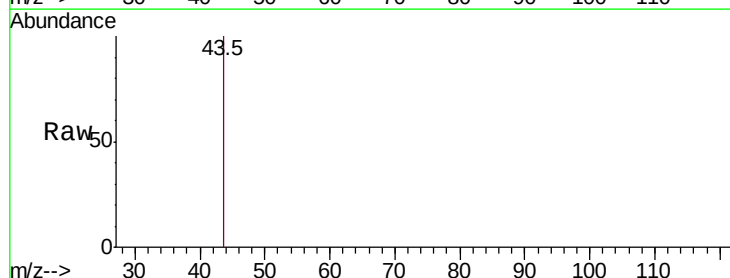
Ion Ratio Lower Upper

43 100

70 0.0 23.7 35.5#

55 0.0 15.0 22.4#

61 0.0 18.4 27.6#

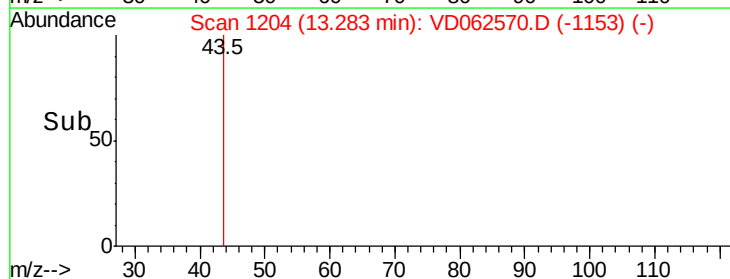
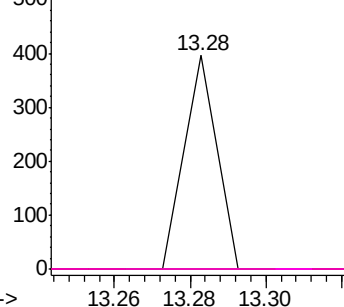


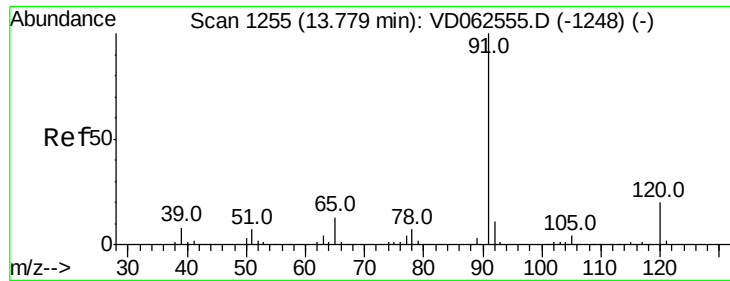
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#78

n-propylbenzene

Concen: 1.509 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

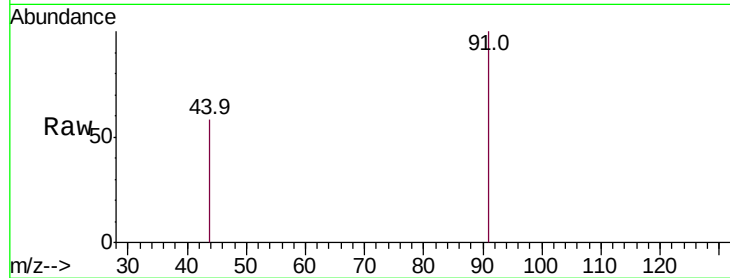
20190430-HR-10

Tot Ion: 91 Resp: 370

Ion Ratio Lower Upper

91 100

120 0.0 10.0 29.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

13.78

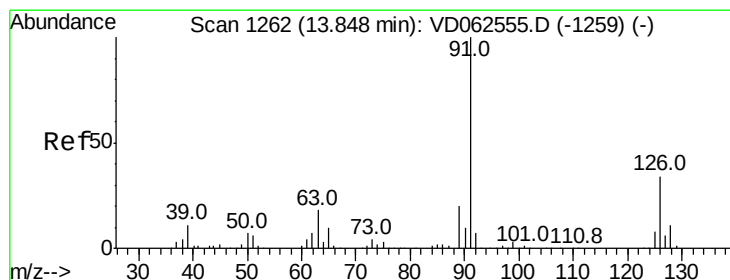
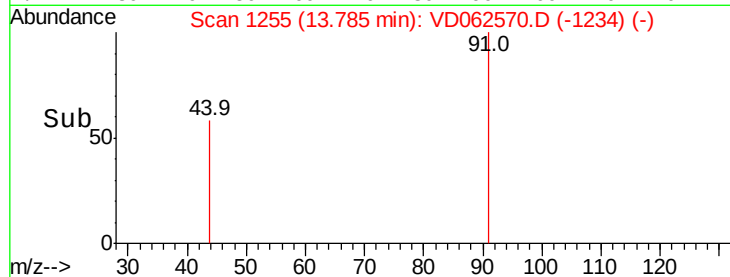
600

400

200

0

Time-->



#79

2-Chlorotoluene

Concen: 2.602 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.06 min

Lab File: VD062570.D

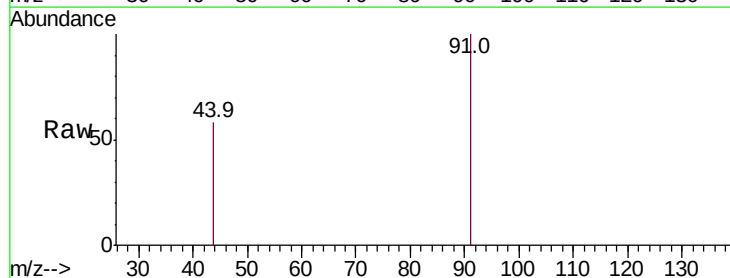
Acq: 31 May 2019 18:09

Tgt Ion: 91 Resp: 370

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

13.78

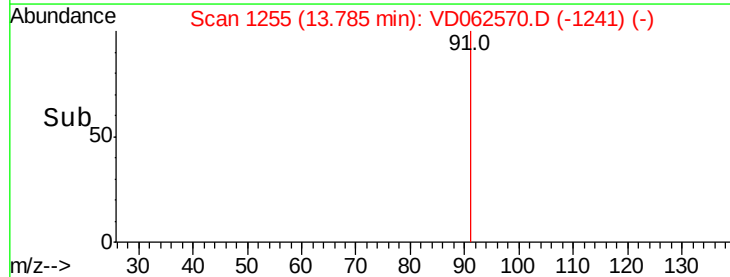
600

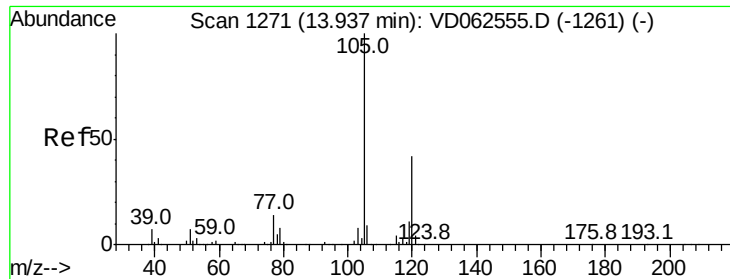
400

200

0

Time-->

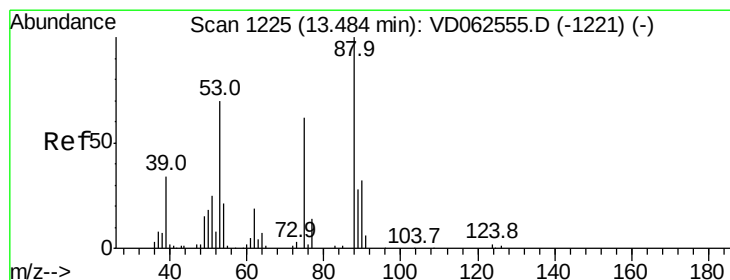
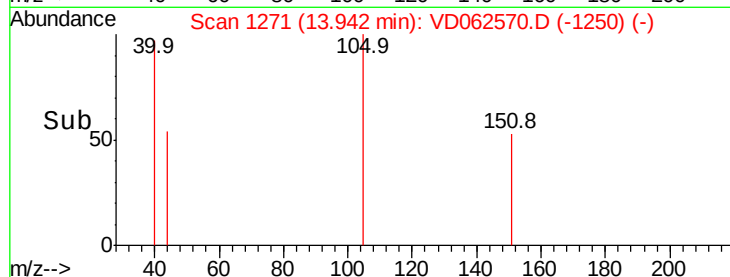
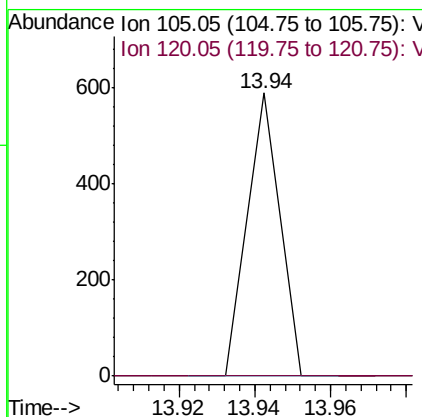
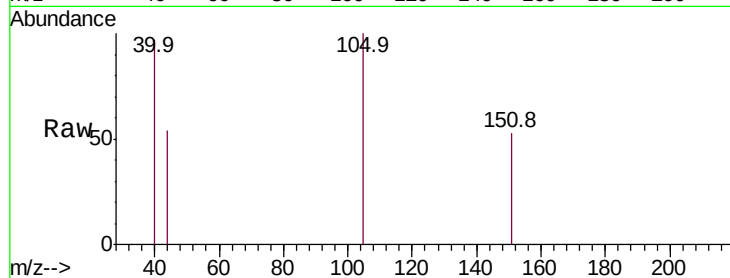




#80
 1,3,5-Trimethylbenzene
 Concen: 1.914 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD062570.D
 Acq: 31 May 2019 18:09

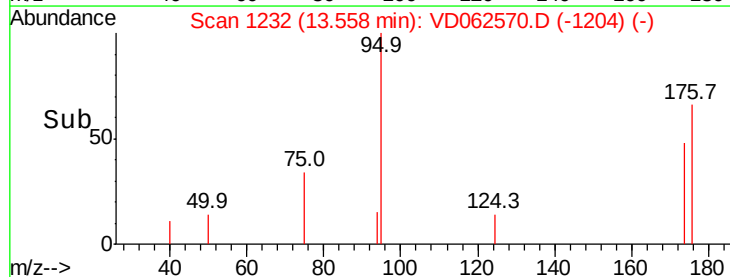
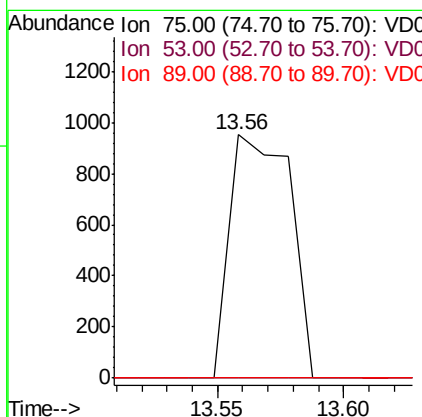
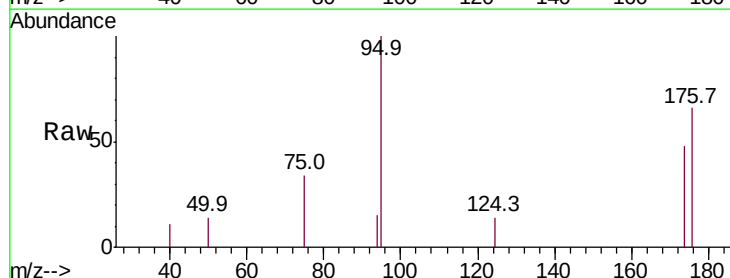
Instrument :
 MSVOA_D
 ClientSampleId :
 20190430-HR-10

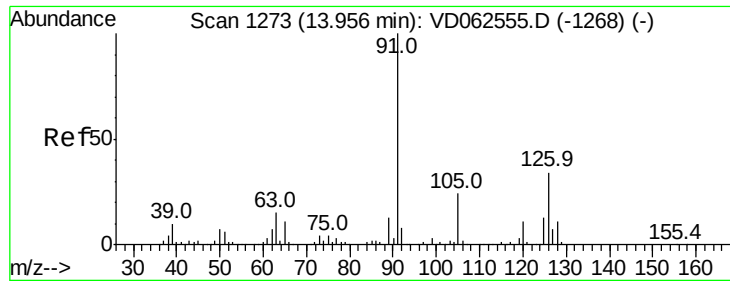
Tot Ion:105 Resp: 348
 Ion Ratio Lower Upper
 105 100
 120 0.0 20.8 62.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.509 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. 0.07 min
 Lab File: VD062570.D
 Acq: 31 May 2019 18:09

Tgt Ion: 75 Resp: 1592
 Ion Ratio Lower Upper
 75 100
 53 0.0 91.0 136.4#
 89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 2.174 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.17 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

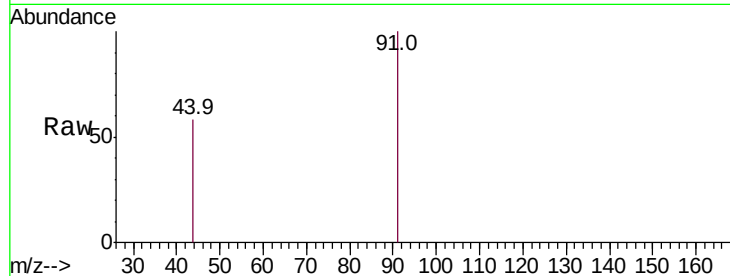
20190430-HR-10

Tot Ion: 91 Resp: 370

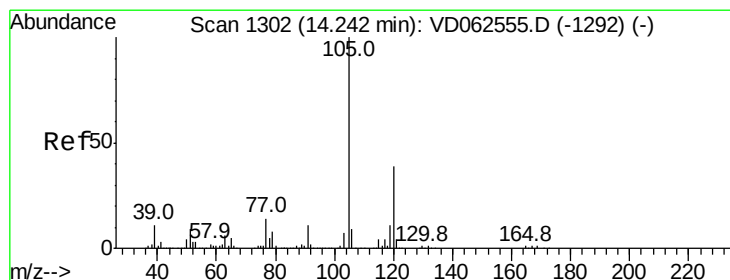
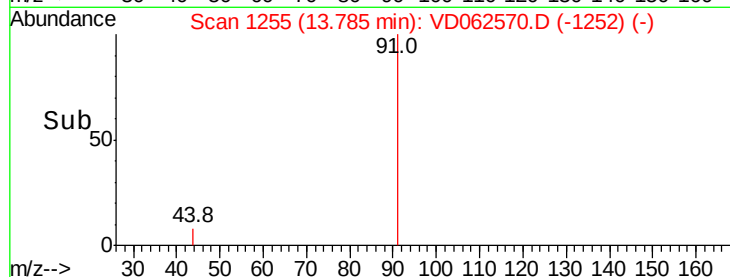
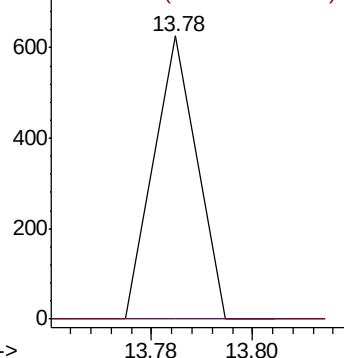
Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): V



#84

1,2,4-Trimethylbenzene

Concen: 10.489 ug/l

RT: 14.25 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VD062570.D

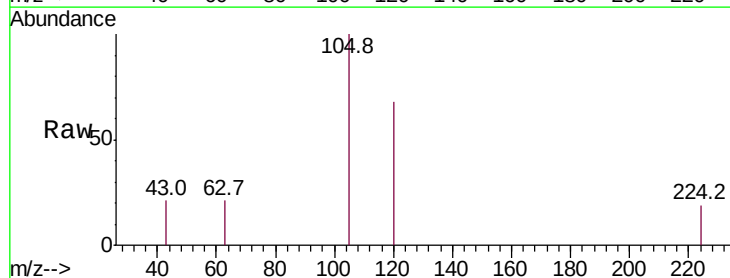
Acq: 31 May 2019 18:09

Tgt Ion: 105 Resp: 1943

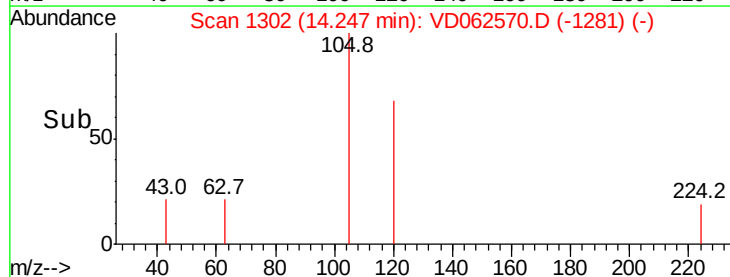
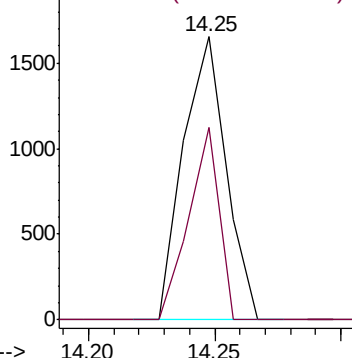
Ion Ratio Lower Upper

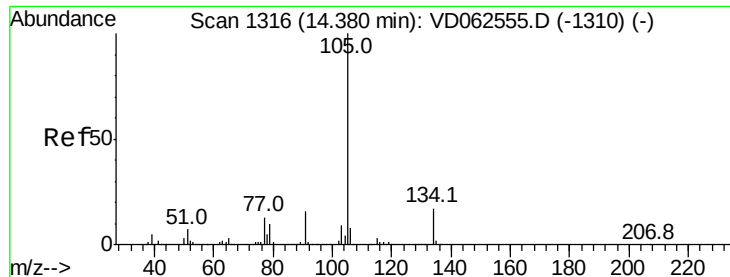
105 100

120 68.1 19.6 58.8#



Abundance Ion 105.05 (104.75 to 105.75): V





#85

sec-Butylbenzene

Concen: 9.042 ug/l

RT: 14.25 min Scan# 1302

Delta R.T. -0.13 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

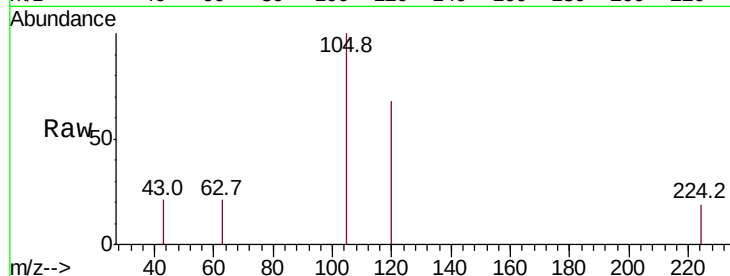
20190430-HR-10

Tot Ion:105 Resp: 1943

Ion Ratio Lower Upper

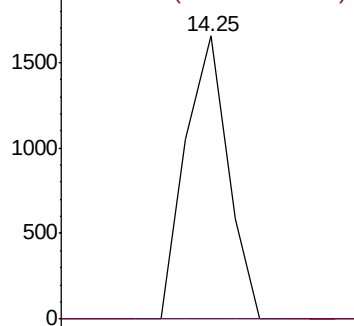
105 100

134 0.0 8.7 26.1#

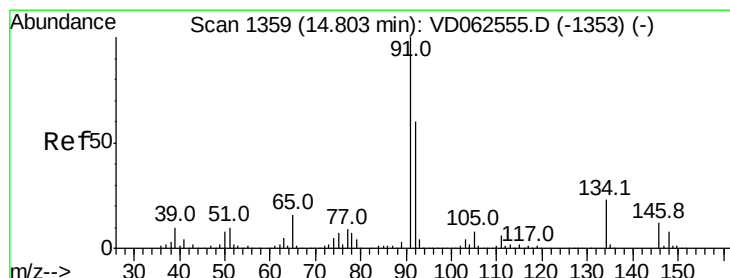
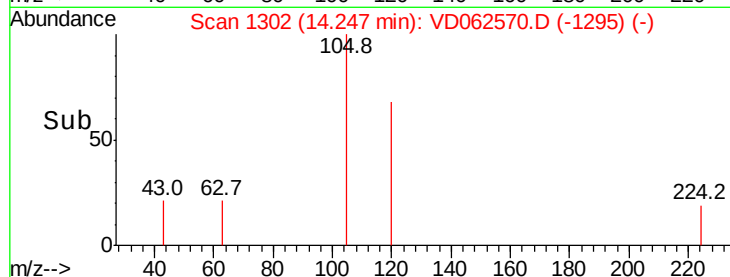


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



Time-->



#89

n-Butylbenzene

Concen: 1.428 ug/l

RT: 14.72 min Scan# 1350

Delta R.T. -0.08 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

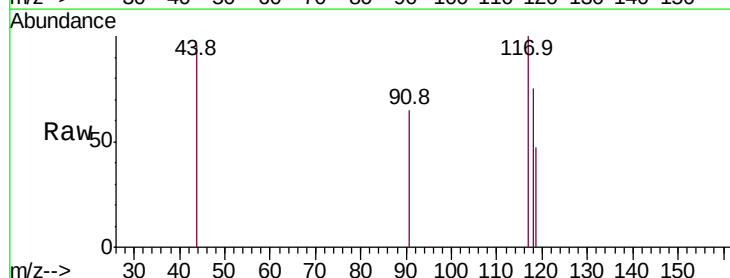
Tgt Ion: 91 Resp: 256

Ion Ratio Lower Upper

91 100

92 0.0 29.8 89.4#

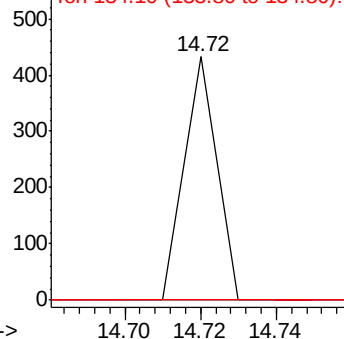
134 0.0 11.3 33.8#



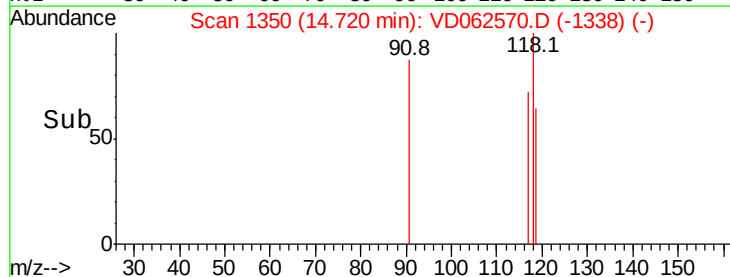
Abundance Ion 91.00 (90.70 to 91.70): VDC

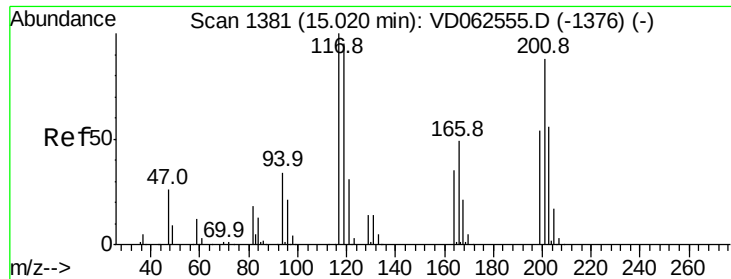
Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): V



Time-->





#90

Hexachloroethane

Concen: 4.806 ug/l

RT: 15.10 min Scan# 1389

Delta R.T. 0.08 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

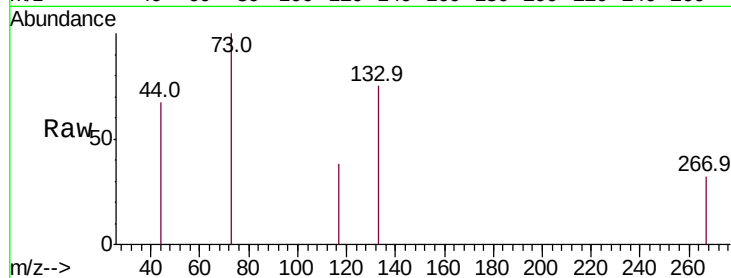
20190430-HR-10

Tot Ion:117 Resp: 256

Ion Ratio Lower Upper

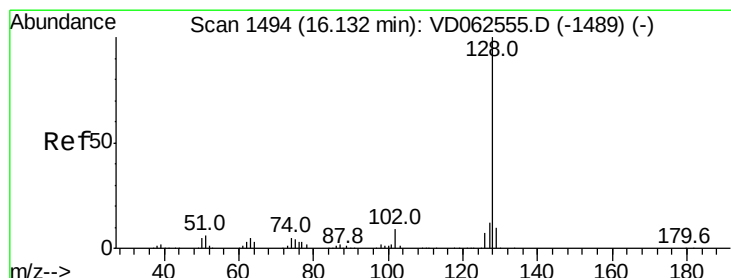
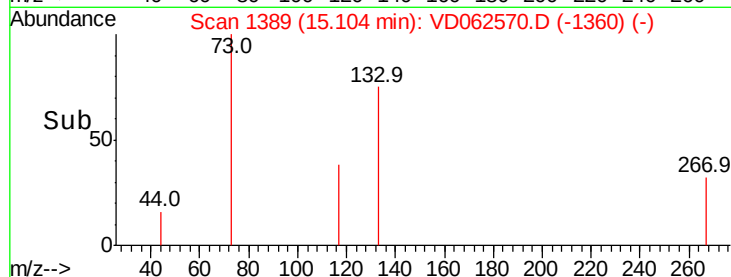
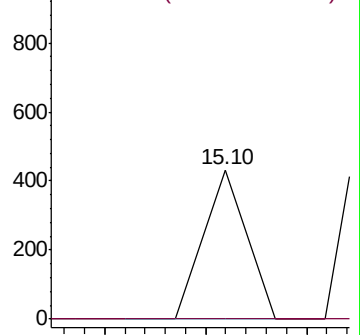
117 100

201 0.0 43.8 131.4#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V



#95

Naphthalene

Concen: 7.158 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD062570.D

Acq: 31 May 2019 18:09

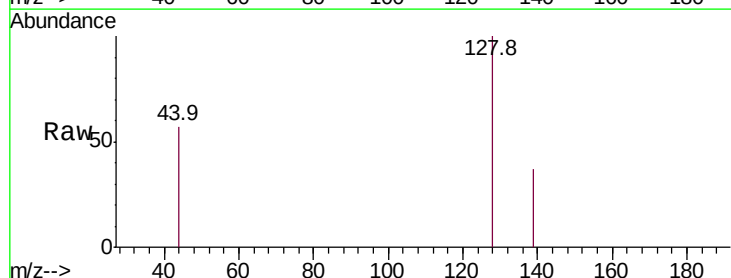
Tgt Ion:128 Resp: 663

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

129 0.0 8.2 12.2#



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

