

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061019\
 Data File : VD062656.D
 Acq On : 10 Jun 2019 16:27
 Operator : VA/AP
 Sample : K3273-17
 Misc : 3.85g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9 0.5-1.0 060719

Quant Time: Jun 11 03:57:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	263033	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.21	114	349827	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	223058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	78648	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	215759	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	
35) Dibromofluoromethane	6.92	113	185700	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.40	98	243744	31.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.82%	
62) 4-Bromofluorobenzene	13.55	95	89845	24.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.62%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.57	85	340	Below Cal	# 42
10) Methyl Iodide	3.32	142	367	4.081	ug/l # 43
11) Tert butyl alcohol	4.08	59	414	2.654	ug/l # 61
13) Acrolein	3.09	56	195	3.886	ug/l # 12
16) Acetone	3.22	43	25670	36.934	ug/l 95
20) Methylene Chloride	3.81	84	7070	2.271	ug/l # 87
25) 2-Butanone	6.07	43	5666	8.356	ug/l # 61
29) Tetrahydrofuran	6.47	42	479	1.569	ug/l # 33
31) Cyclohexane	7.04	56	5600	1.870	ug/l # 33
36) 1,1-Dichloropropene	7.03	75	22872	5.713	ug/l # 52
37) Ethyl Acetate	6.15	43	495	1.484	ug/l # 74
38) Carbon Tetrachloride	7.04	117	28182	4.453	ug/l # 14
56) Ethyl methacrylate	11.09	69	1513	4.581	ug/l # 1
58) 2-Chloroethyl Vinyl ether	9.86	63	1925	1.998	ug/l # 49
59) 2-Hexanone	11.48	43	17304	15.737	ug/l # 32
67) Ethyl Benzene	12.52	91	55842	6.383	ug/l 100
68) m/p-Xylenes	12.66	106	28422	9.242	ug/l 96
69) o-Xylene	13.05	106	57423	20.331	ug/l 87
73) Isopropylbenzene	13.40	105	228985	41.307	ug/l 95
74) N-amyl acetate	13.22	43	138838	92.672	ug/l # 58
75) 1,1,2,2-Tetrachloroethane	13.71	83	35541	37.469	ug/l # 56
76) 1,2,3-Trichloropropane	13.77	75	3718	3.487	ug/l # 1
78) n-propylbenzene	13.77	91	501092	73.847	ug/l 97
79) 2-Chlorotoluene	13.85	91	167569	42.176	ug/l # 43
80) 1,3,5-Trimethylbenzene	13.93	105	681446	139.091	ug/l 94
81) trans-1,4-Dichloro-2-buten	13.40	75	2331	10.691	ug/l # 1
82) 4-Chlorotoluene	13.93	91	73523	15.474	ug/l # 45
83) tert-Butylbenzene	14.18	119	8986	1.663	ug/l # 49
84) 1,2,4-Trimethylbenzene	14.23	105	869804	179.310	ug/l 97
85) sec-Butylbenzene	14.37	105	1025252	180.938	ug/l 99
86) p-Isopropyltoluene	14.49	119	626730	113.602	ug/l 99
89) n-Butylbenzene	14.78	91	1077250	217.050	ug/l # 1
90) Hexachloroethane	14.98	117	145532	99.923	ug/l # 8
92) 1,2-Dibromo-3-Chloropropan	15.38	75	16381	80.850	ug/l # 22

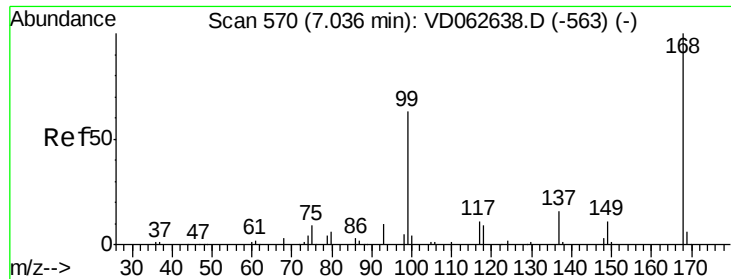
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061019\
Data File : VD062656.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.81	180	3973	5.391	ug/l	88
95) Naphthalene	16.12	128	89117	32.523	ug/l #	85
96) 1,2,3-Trichlorobenzene	16.25	180	5705	4.151	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

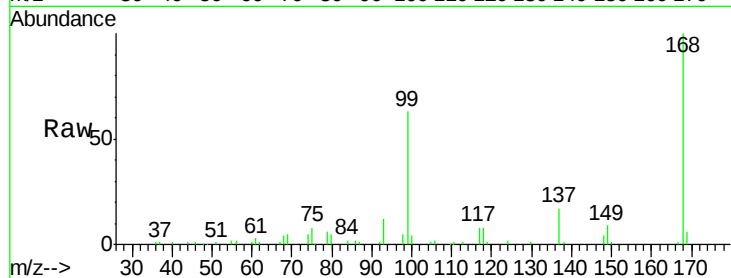
SB-9 0.5-1.0 060719

Tgt Ion:168 Resp: 263033

Ion Ratio Lower Upper

168 100

99 63.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

100000

80000

60000

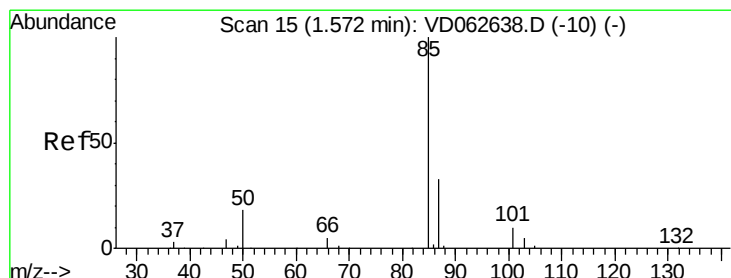
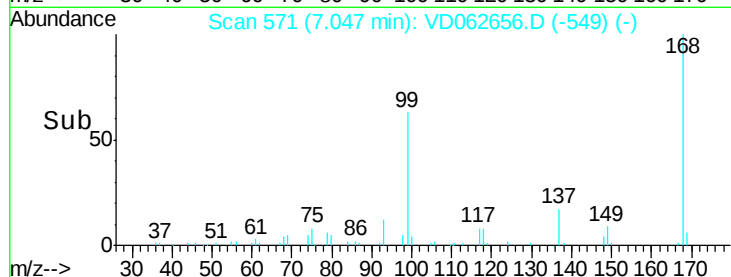
40000

20000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.57 min Scan# 15

Delta R.T. 0.00 min

Lab File: VD062656.D

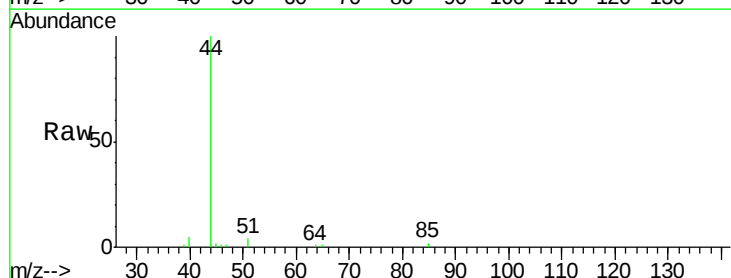
Acq: 10 Jun 2019 16:27

Tgt Ion: 85 Resp: 340

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.7#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.57

600

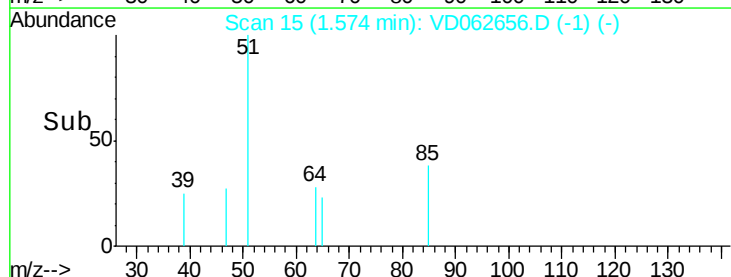
400

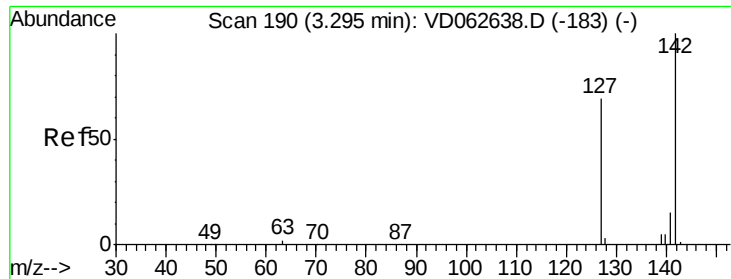
200

0

1.54 1.56 1.58 1.60

Time-->

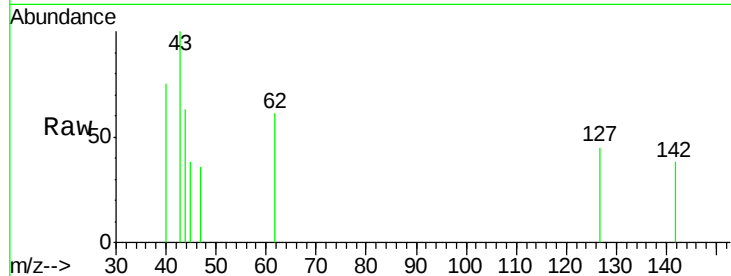




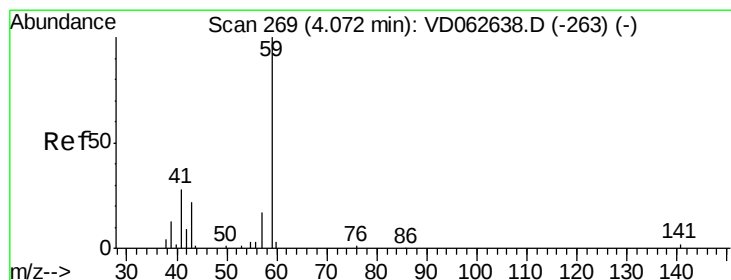
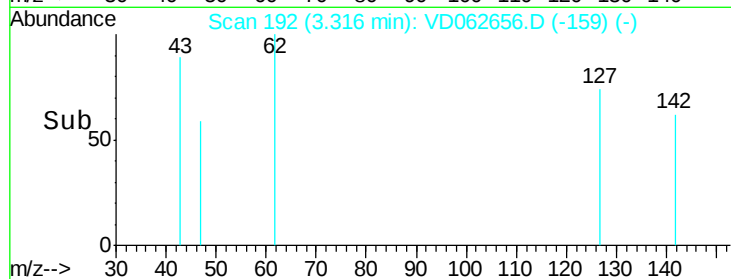
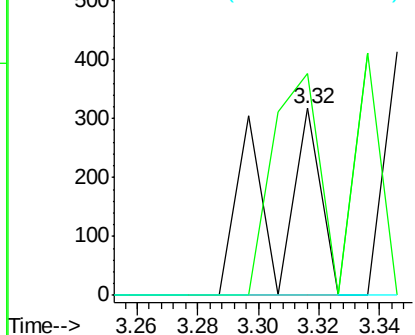
#10
Methyl Iodide
Concen: 4.081 ug/l
RT: 3.32 min Scan# 192
Delta R.T. 0.02 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
SB-9 0.5-1.0 060719

Tgt Ion: 142 Resp: 367
Ion Ratio Lower Upper
142 100
127 118.9 55.2 82.8#
141 0.0 12.1 18.1#

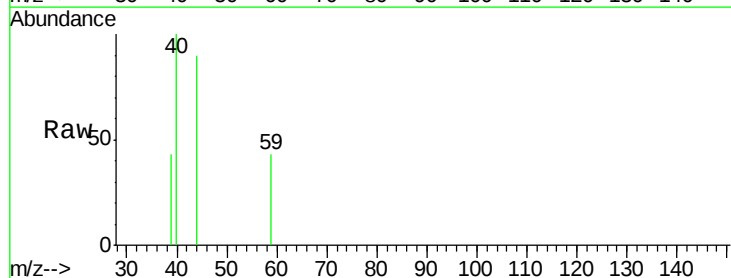


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

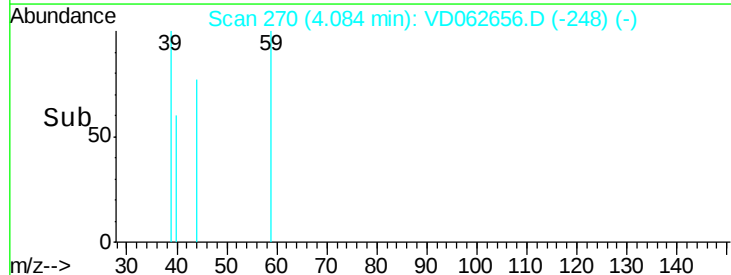
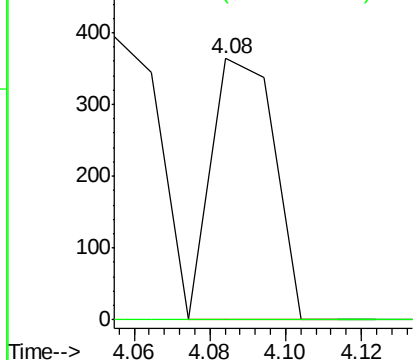


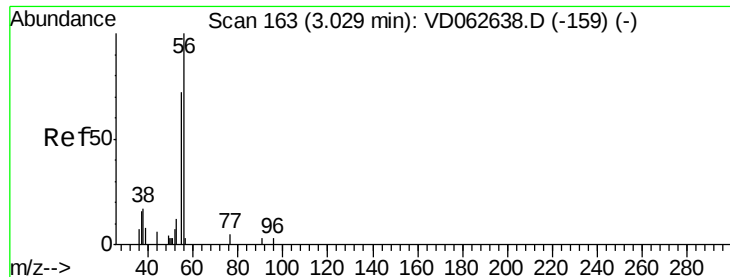
#11
Tert butyl alcohol
Concen: 2.654 ug/l
RT: 4.08 min Scan# 270
Delta R.T. 0.01 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

Tgt Ion: 59 Resp: 414
Ion Ratio Lower Upper
59 100
57 0.0 13.7 20.5#



Abundance Ion 58.95 (58.65 to 59.65): V
Ion 56.95 (56.65 to 57.65): V





#13

Acrolein

Concen: 3.886 ug/l

RT: 3.09 min Scan# 169

Delta R.T. 0.06 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

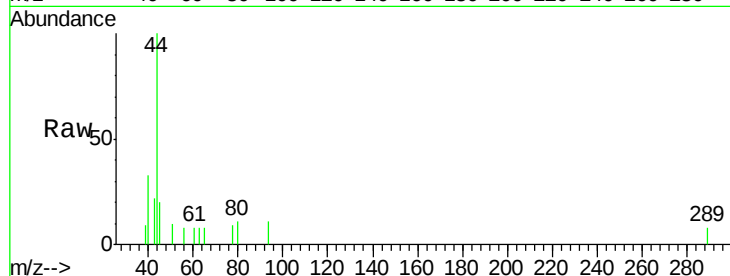
SB-9 0.5-1.0 060719

Tgt Ion: 56 Resp: 195

Ion Ratio Lower Upper

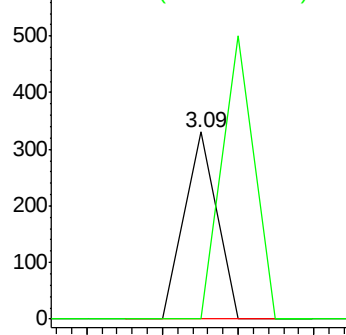
56 100

55 0.0 59.4 89.0#

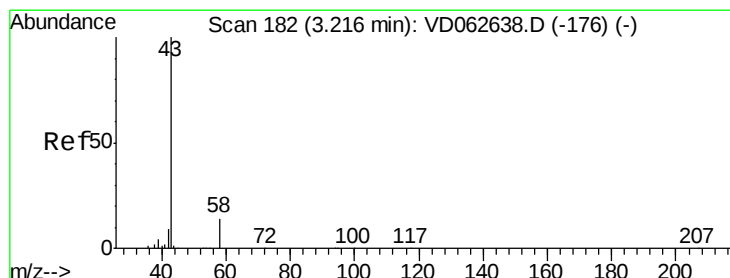
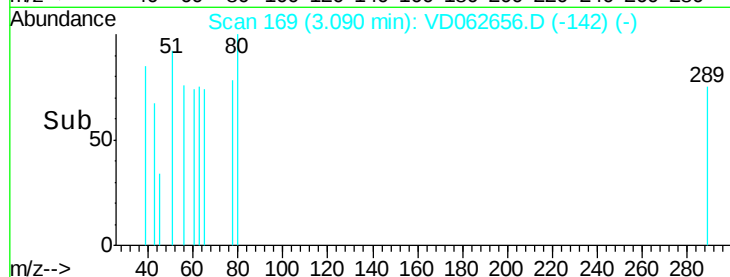


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



Time-->



#16

Acetone

Concen: 36.934 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD062656.D

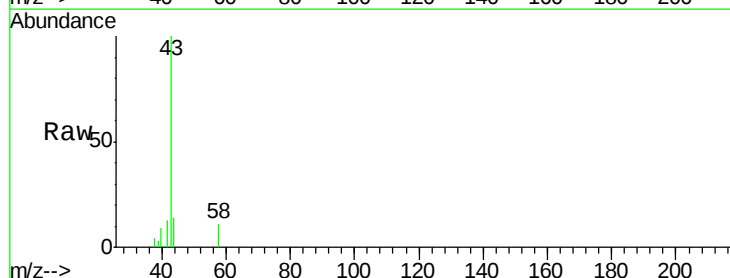
Acq: 10 Jun 2019 16:27

Tgt Ion: 43 Resp: 25670

Ion Ratio Lower Upper

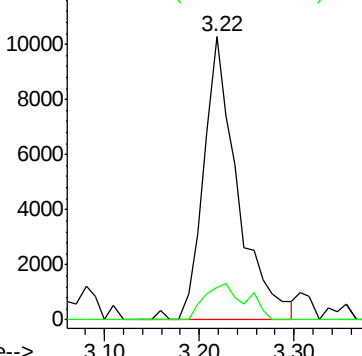
43 100

58 11.4 10.8 16.2

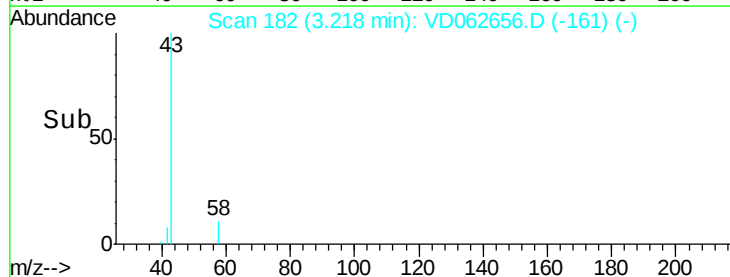


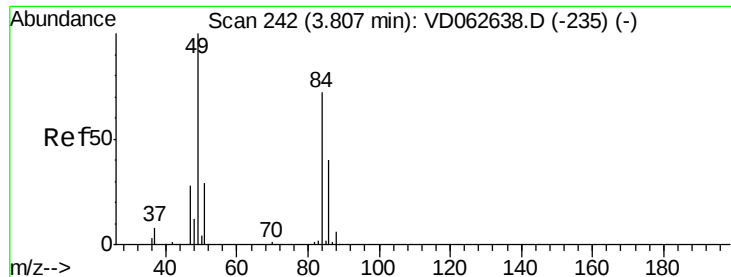
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time-->

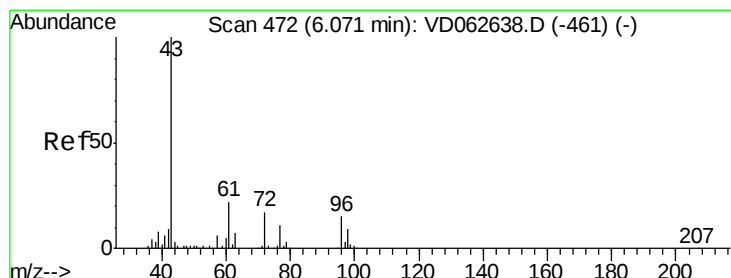
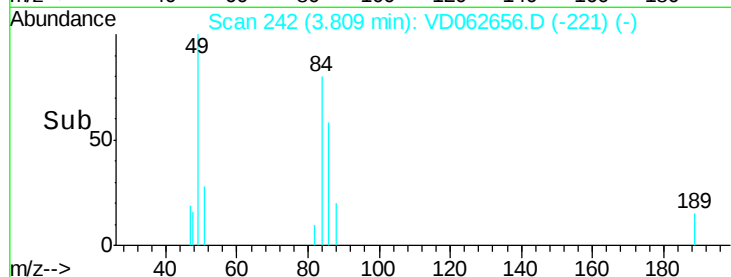
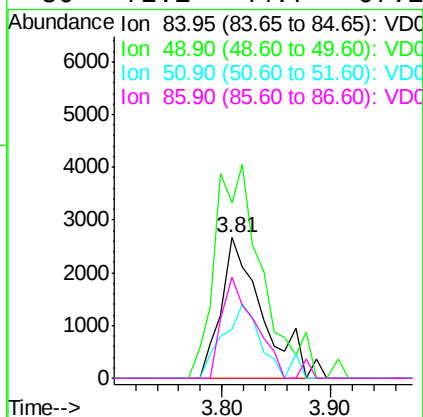
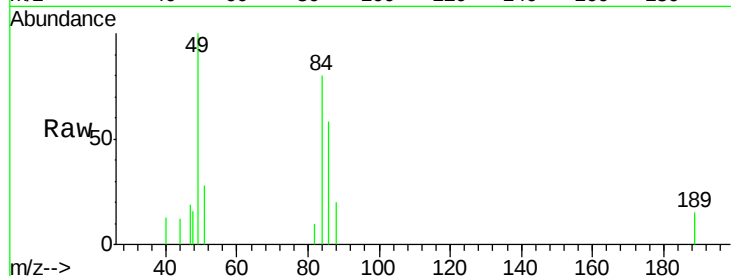




#20
Methylene Chloride
Concen: 2.271 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

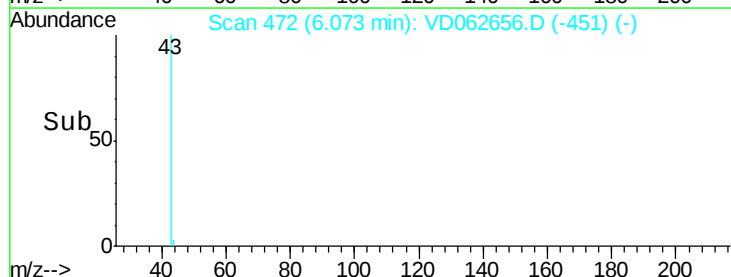
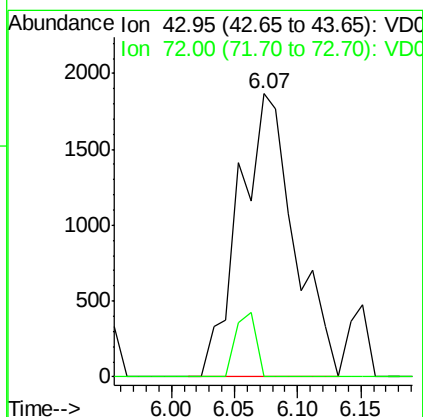
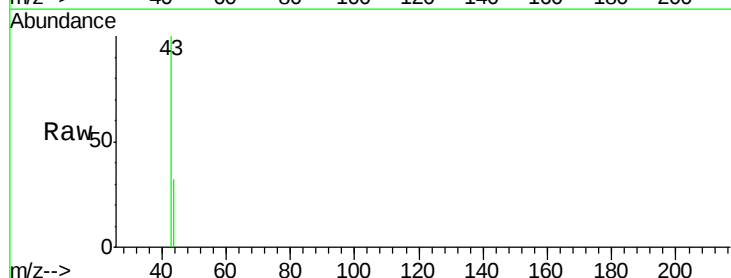
Instrument :
MSVOA_D
ClientSampleId :
SB-9 0.5-1.0 060719

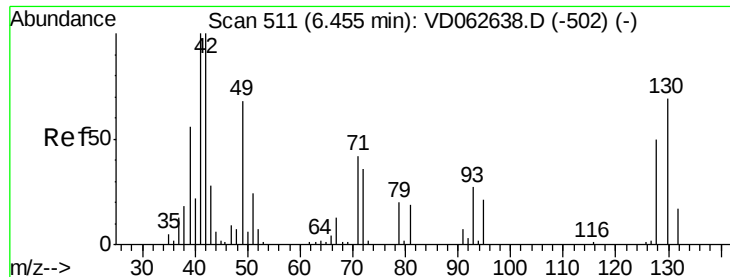
Tgt Ion: 84 Resp: 7070
Ion Ratio Lower Upper
84 100
49 125.2 111.2 166.8
51 35.0 31.9 47.9
86 72.1 44.7 67.1#



#25
2-Butanone
Concen: 8.356 ug/l
RT: 6.07 min Scan# 472
Delta R.T. 0.00 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

Tgt Ion: 43 Resp: 5666
Ion Ratio Lower Upper
43 100
72 0.0 13.5 20.3#





#29

Tetrahydrofuran

Concen: 1.569 ug/l

RT: 6.47 min Scan# 512

Delta R.T. 0.01 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

SB-9 0.5-1.0 060719

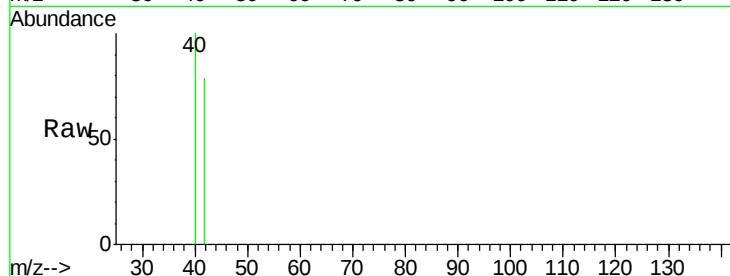
Tgt Ion: 42 Resp: 479

Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.6#

71 0.0 34.2 51.4#



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

6.47

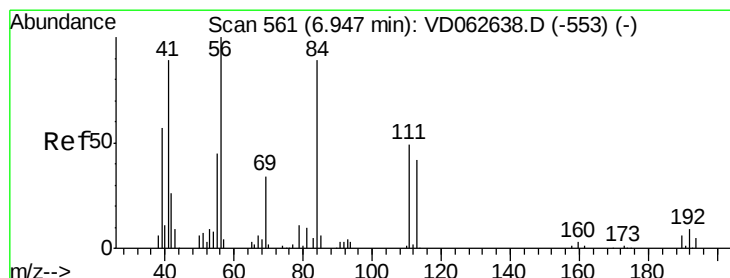
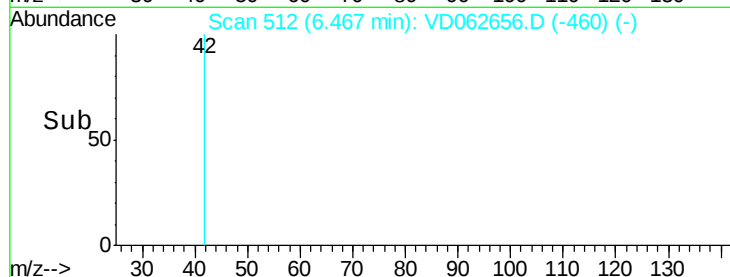
400

200

0

6.44 6.46 6.48 6.50

Time-->



#31

Cyclohexane

Concen: 1.870 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.09 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

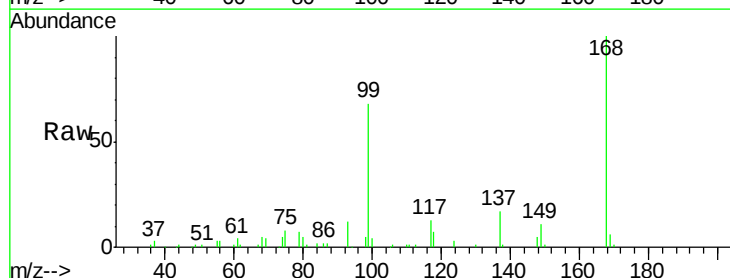
Tgt Ion: 56 Resp: 5600

Ion Ratio Lower Upper

56 100

69 133.1 26.8 40.2#

84 65.6 73.9 110.9#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

7.04

6000

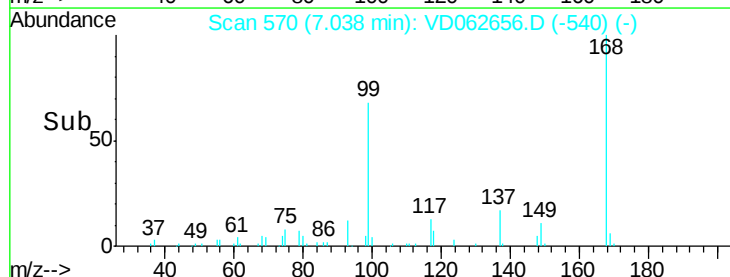
4000

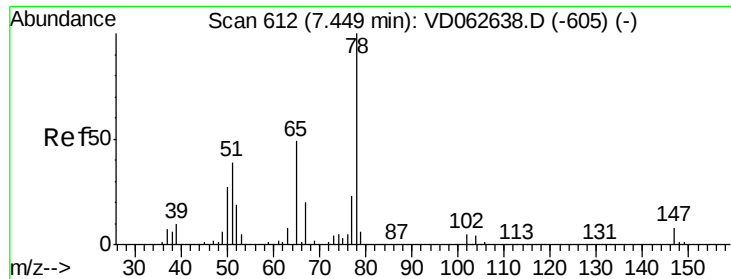
2000

0

6.95 7.00 7.05 7.10

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.845 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

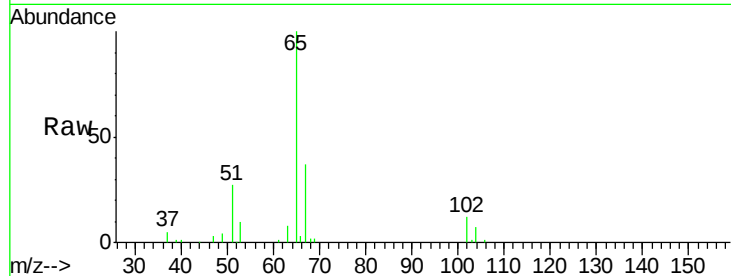
SB-9 0.5-1.0 060719

Tgt Ion: 65 Resp: 215759

Ion Ratio Lower Upper

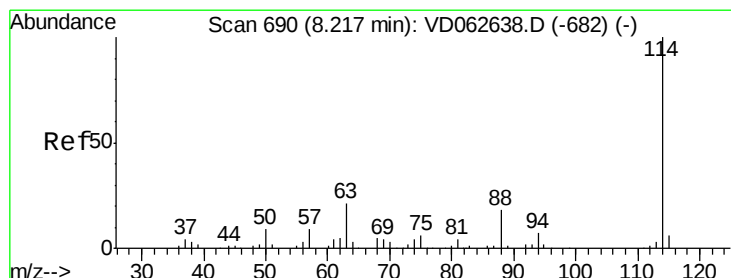
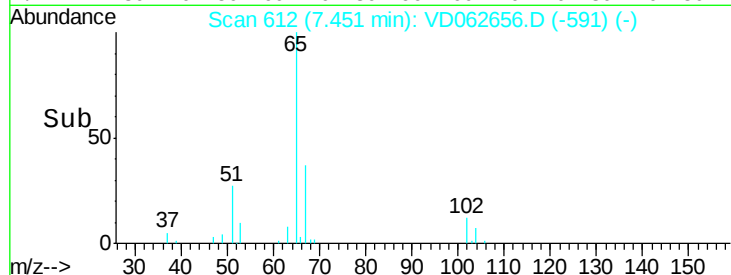
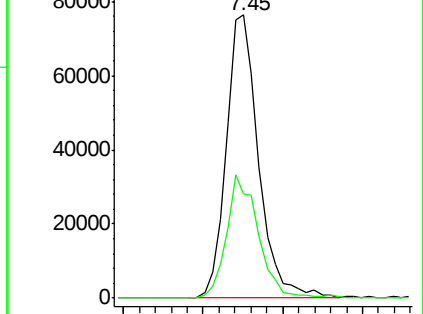
65 100

67 36.8 0.0 81.8



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: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

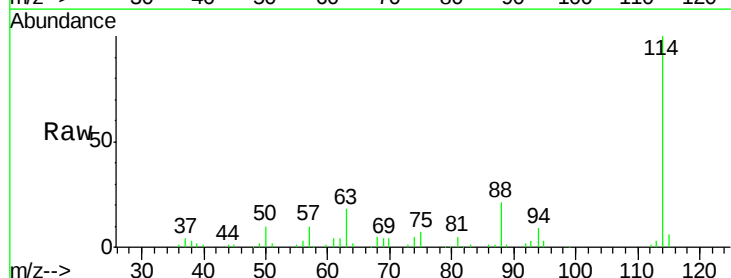
Tgt Ion: 114 Resp: 349827

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

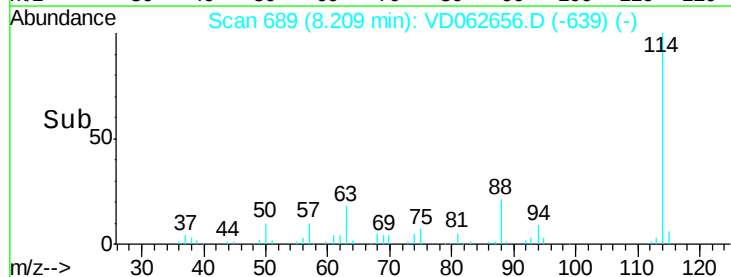
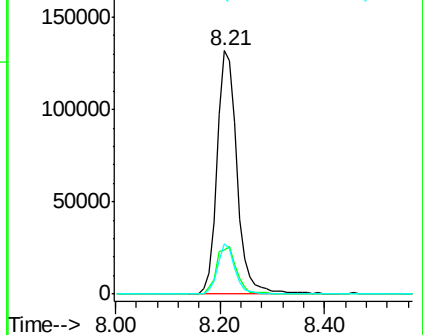
88 20.6 0.0 36.8

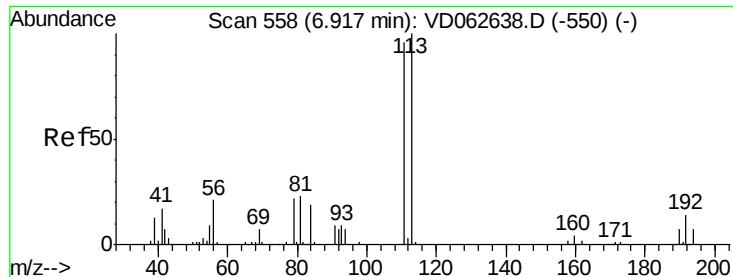


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

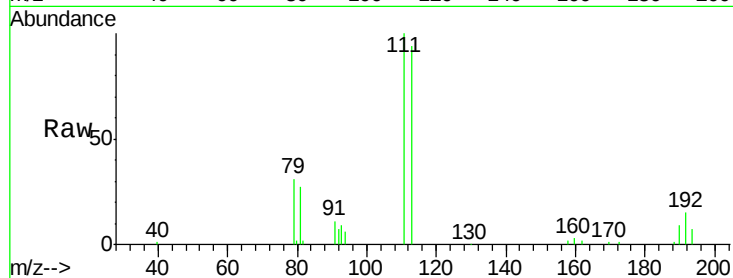




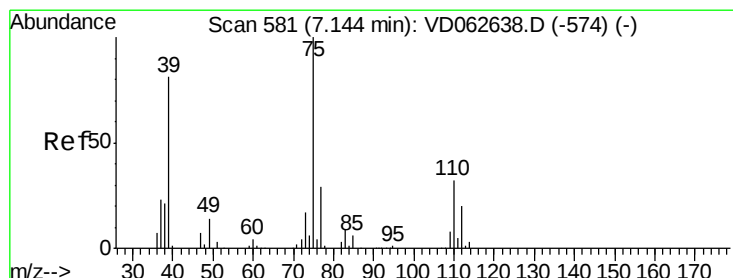
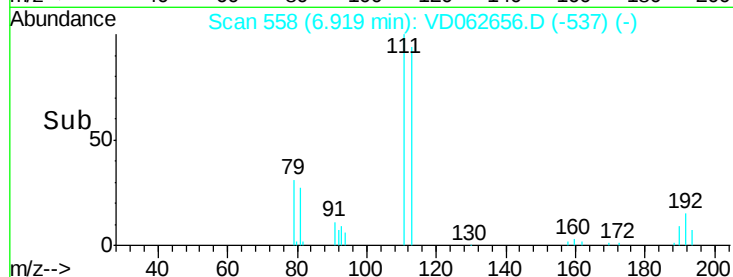
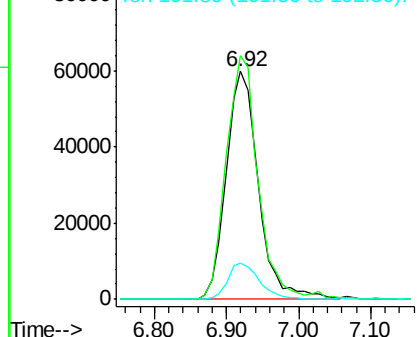
#35
 Dibromofluoromethane
 Concen: 50.333 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD062656.D
 Acq: 10 Jun 2019 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9 0.5-1.0 060719

Tgt Ion: 113 Resp: 185700
 Ion Ratio Lower Upper
 113 100
 111 106.8 76.4 114.6
 192 16.0 11.4 17.0

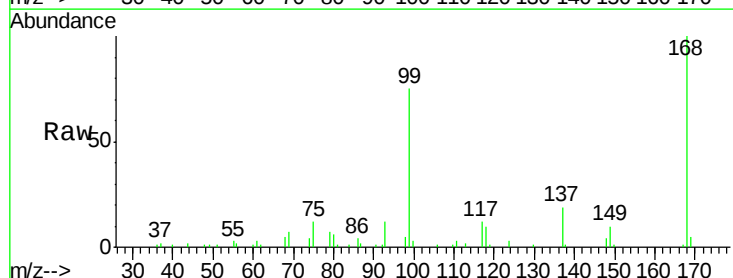


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

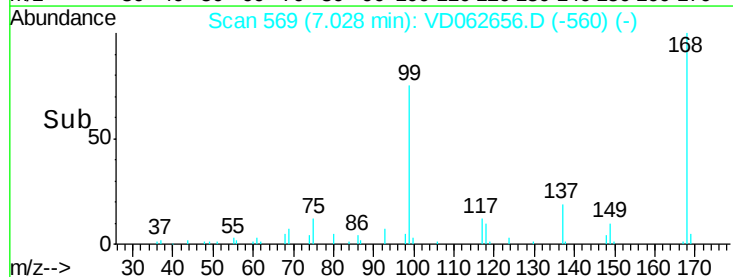
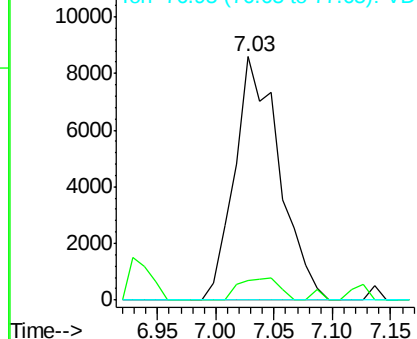


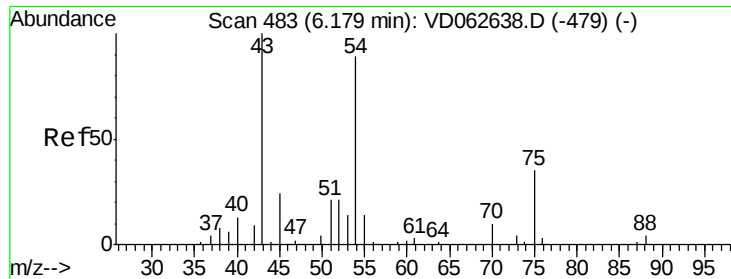
#36
 1,1-Dichloropropene
 Concen: 5.713 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.12 min
 Lab File: VD062656.D
 Acq: 10 Jun 2019 16:27

Tgt Ion: 75 Resp: 22872
 Ion Ratio Lower Upper
 75 100
 110 8.1 15.9 47.7#
 77 0.0 23.3 34.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC





#37

Ethyl Acetate

Concen: 1.484 ug/l

RT: 6.15 min Scan# 480

Delta R.T. -0.03 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

SB-9 0.5-1.0 060719

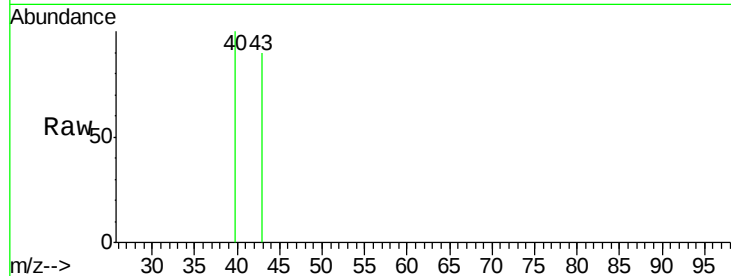
Tgt Ion: 43 Resp: 495

Ion Ratio Lower Upper

43 100

61 0.0 8.7 13.1#

70 0.0 6.5 9.7#



Abundance Ion 42.95 (42.65 to 43.65): VD062656.D (-462) (-)

Ion 60.95 (60.65 to 61.65): VD062656.D (-462) (-)

Ion 70.00 (69.70 to 70.70): VD062656.D (-462) (-)

Time-->

6.12 6.14 6.16 6.18

6.15

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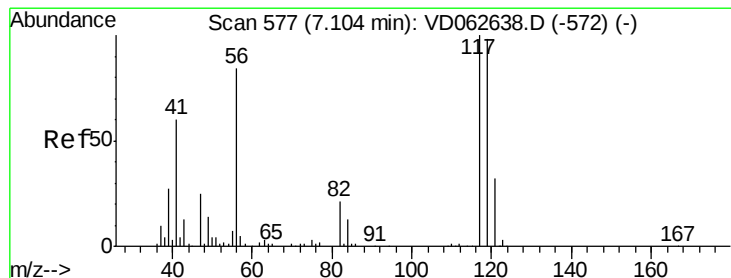
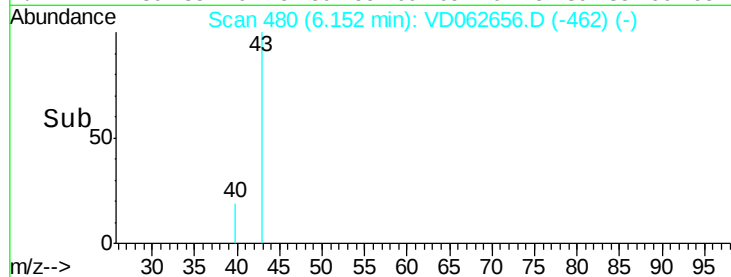
6.15

6.15

6.15

6.15

6.15



#38

Carbon Tetrachloride

Concen: 4.453 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.07 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

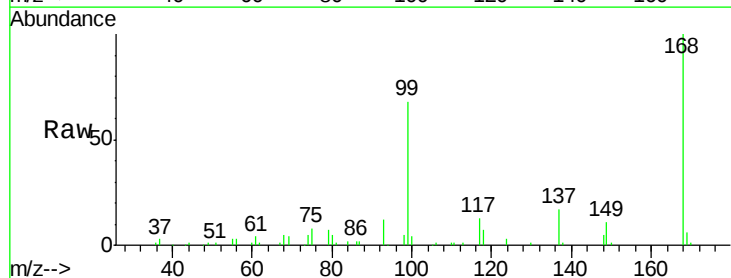
Tgt Ion: 117 Resp: 28182

Ion Ratio Lower Upper

117 100

119 0.0 73.5 110.3#

121 0.0 24.2 36.4#



Abundance Ion 116.85 (116.55 to 117.55): VD062656.D (-556) (-)

Ion 118.85 (118.55 to 119.55): VD062656.D (-556) (-)

Ion 120.85 (120.55 to 121.55): VD062656.D (-556) (-)

Time-->

6.90 7.00 7.10 7.20

7.04

7.04

7.04

7.04

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7.04

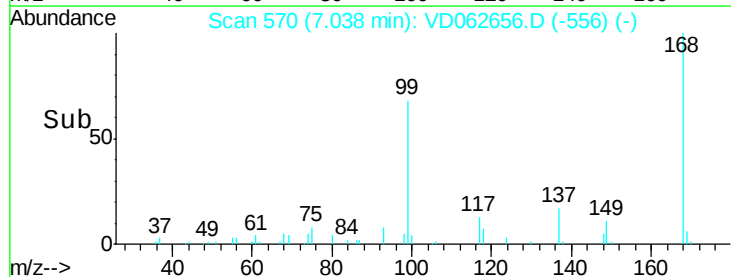
7.04

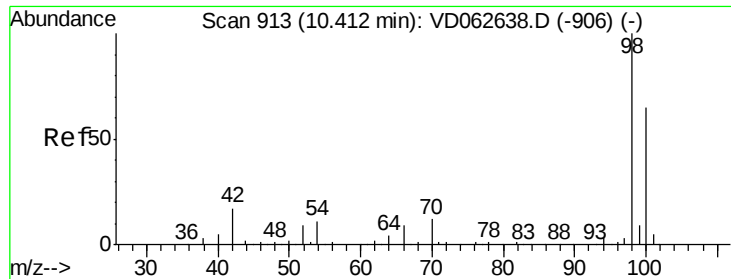
7.04

7.04

7.04

7.04

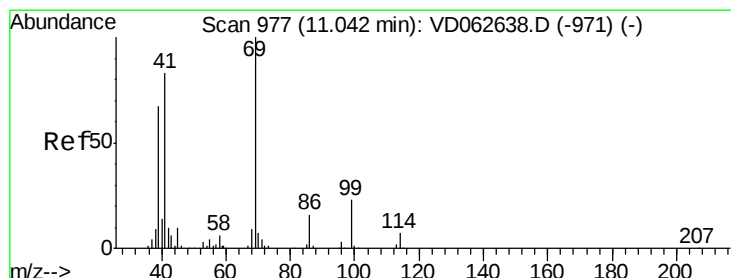
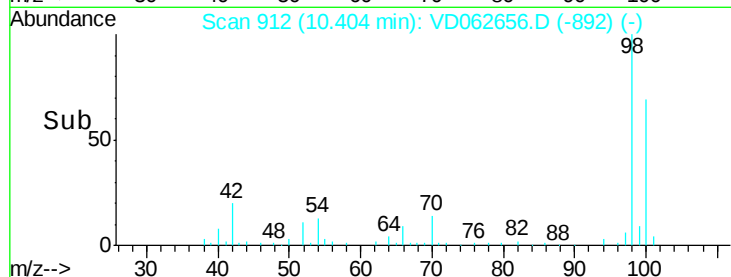
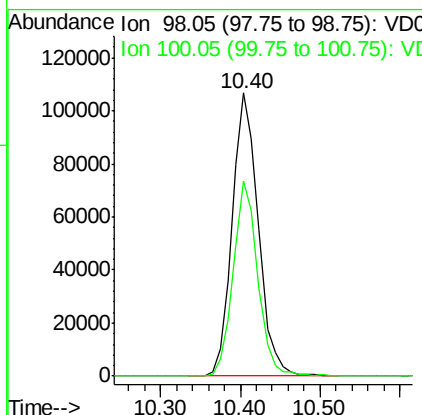
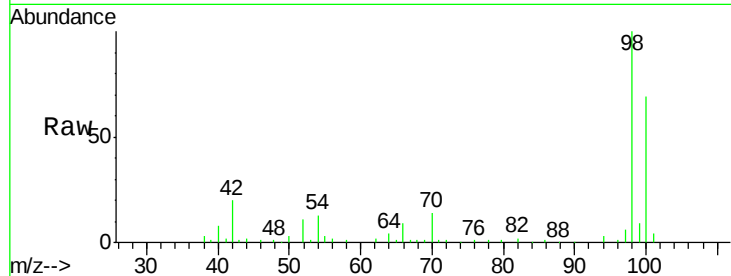




#50
Toluene-d8
Concen: 31.406 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

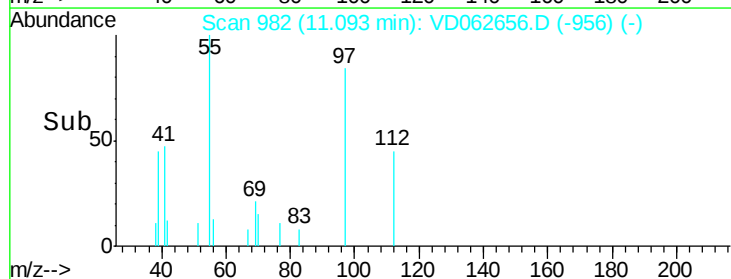
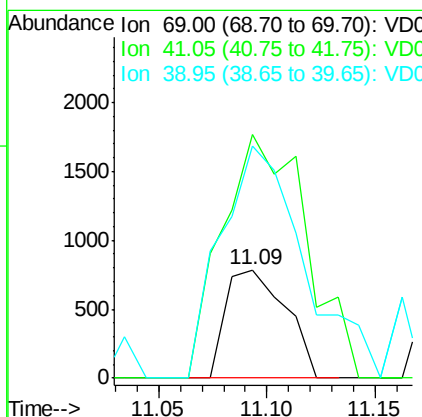
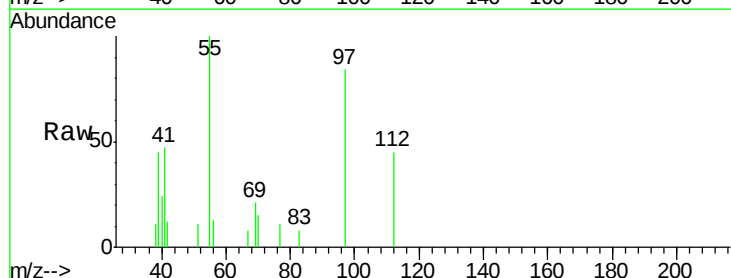
Instrument :
MSVOA_D
ClientSampleId :
SB-9 0.5-1.0 060719

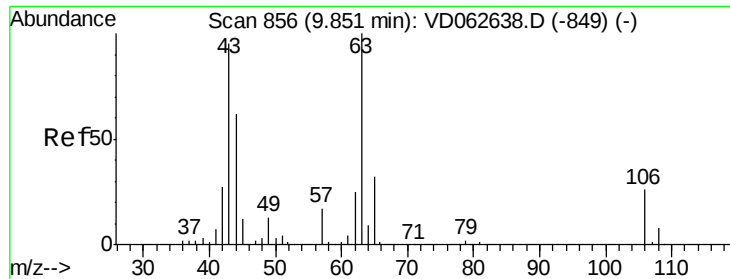
Tgt Ion: 98 Resp: 243744
Ion Ratio Lower Upper
98 100
100 68.8 52.1 78.1



#56
Ethyl methacrylate
Concen: 4.581 ug/l
RT: 11.09 min Scan# 982
Delta R.T. 0.05 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

Tgt Ion: 69 Resp: 1513
Ion Ratio Lower Upper
69 100
41 224.7 66.2 99.4#
39 213.7 53.8 80.8#





#58

2-Chloroethyl Vinyl ether

Concen: 1.998 ug/l

RT: 9.86 min Scan# 857

Delta R.T. 0.01 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

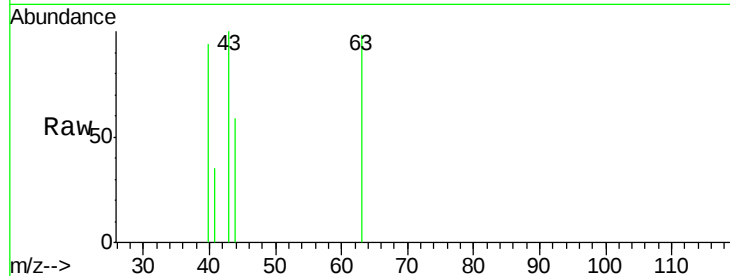
SB-9 0.5-1.0 060719

Tgt Ion: 63 Resp: 1925

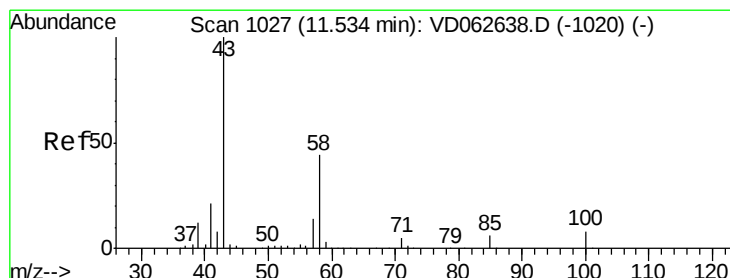
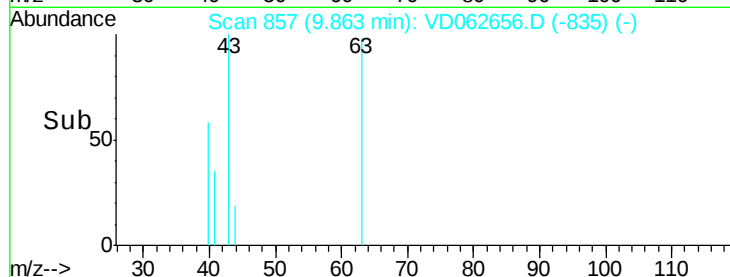
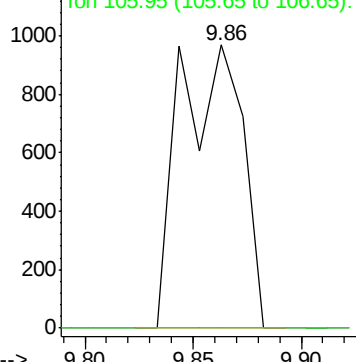
Ion Ratio Lower Upper

63 100

106 0.0 20.5 30.7#



Abundance Ion 62.95 (62.65 to 63.65): VDC



#59

2-Hexanone

Concen: 15.737 ug/l

RT: 11.48 min Scan# 1021

Delta R.T. -0.06 min

Lab File: VD062656.D

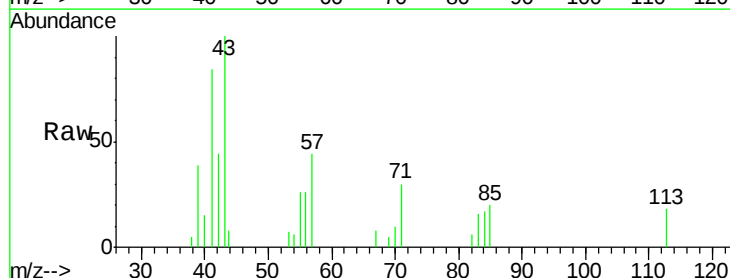
Acq: 10 Jun 2019 16:27

Tgt Ion: 43 Resp: 17304

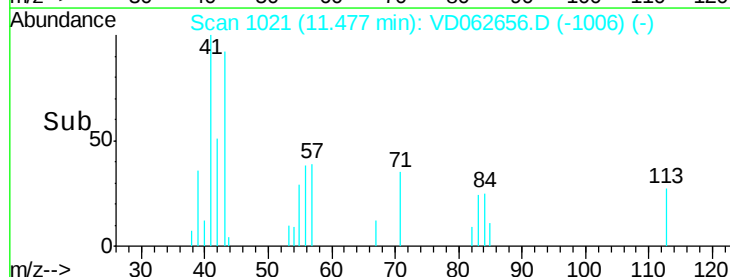
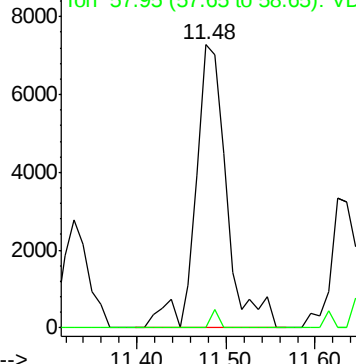
Ion Ratio Lower Upper

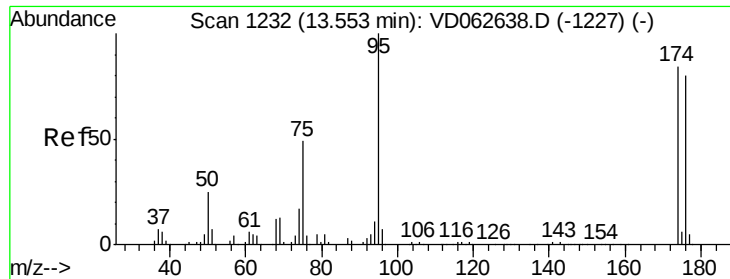
43 100

58 0.0 21.8 65.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

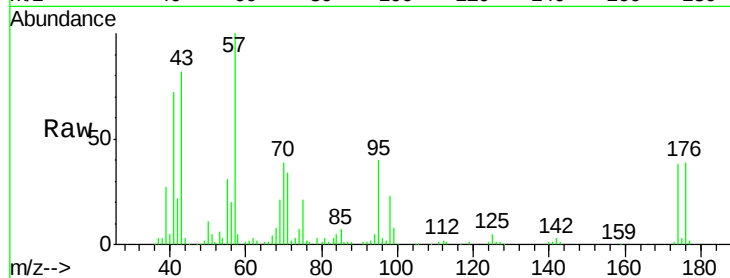




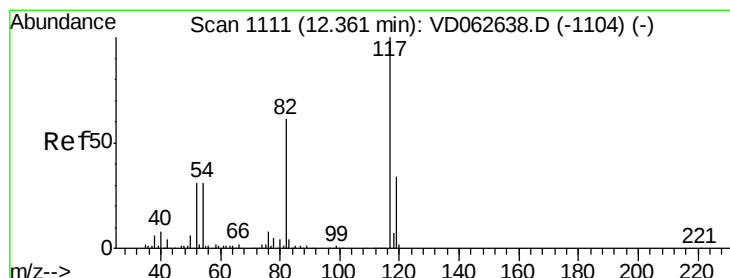
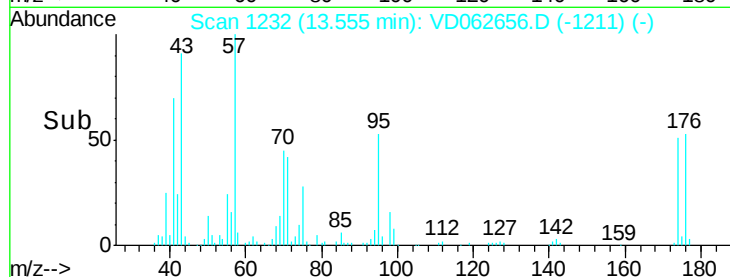
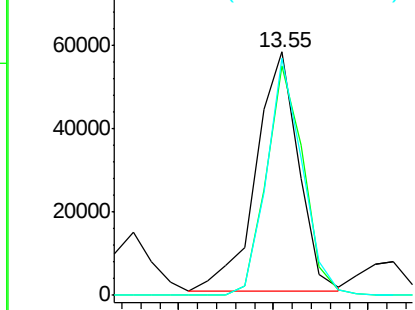
#62
4-Bromofluorobenzene
Concen: 24.813 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
SB-9 0.5-1.0 060719

Tgt Ion: 95 Resp: 89845
Ion Ratio Lower Upper
95 100
174 94.4 0.0 167.0
176 97.5 0.0 159.2

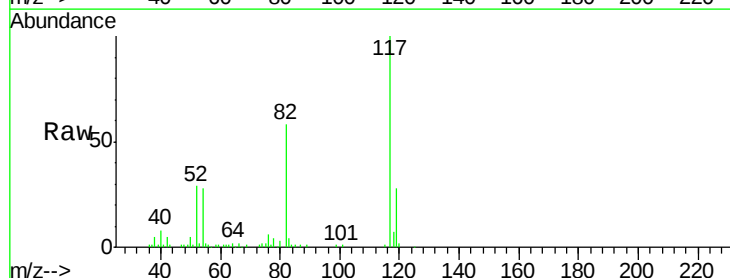


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

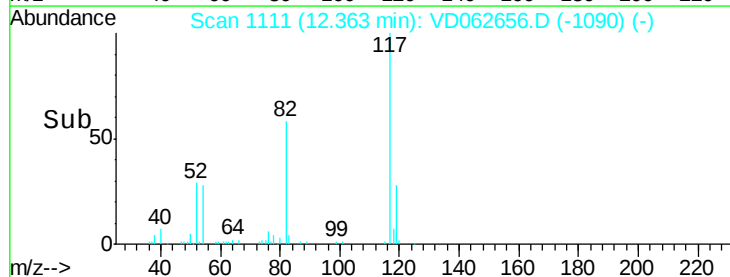
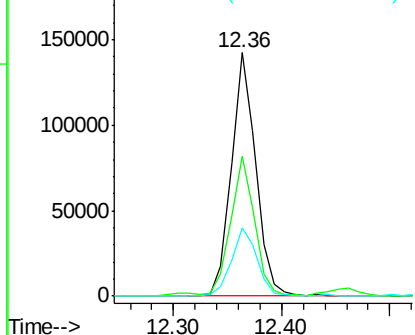


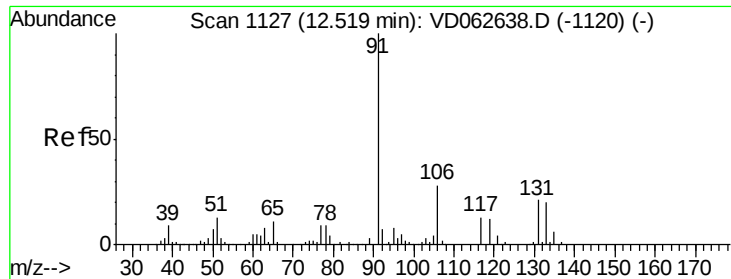
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

Tgt Ion: 117 Resp: 223058
Ion Ratio Lower Upper
117 100
82 57.6 48.7 73.1
119 28.1 27.0 40.6



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

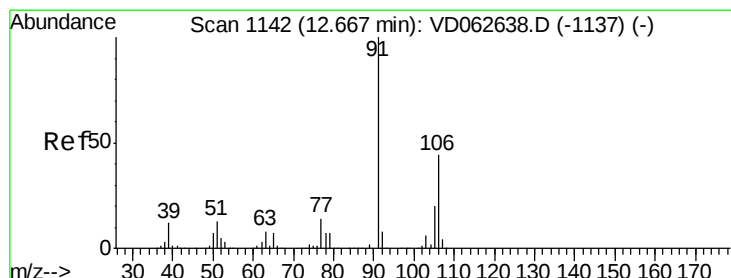
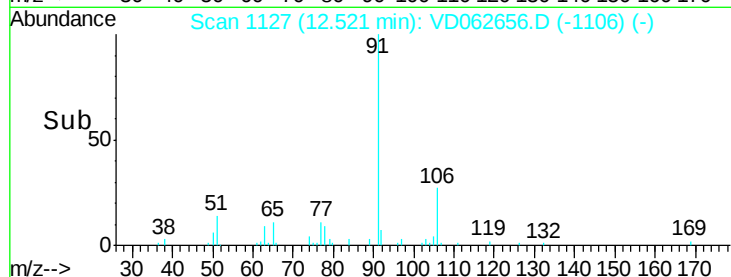
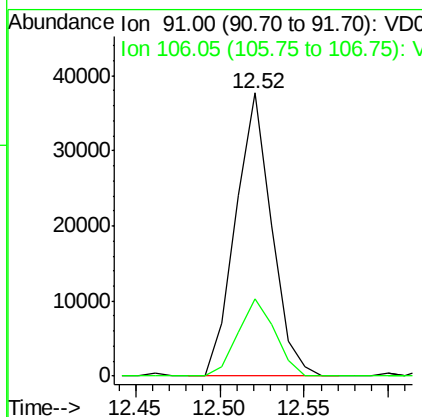
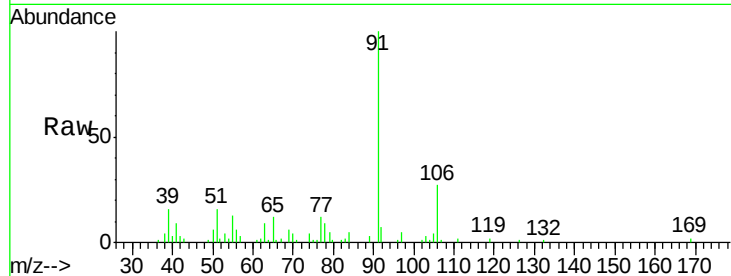




#67
Ethyl Benzene
Concen: 6.383 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

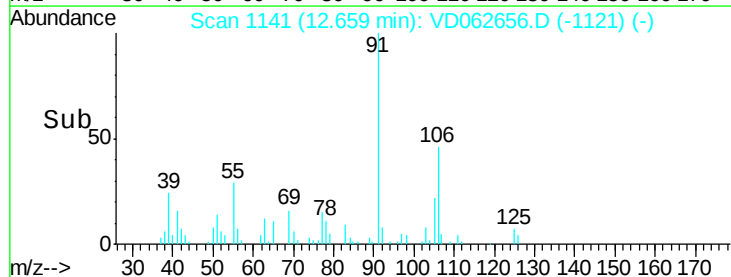
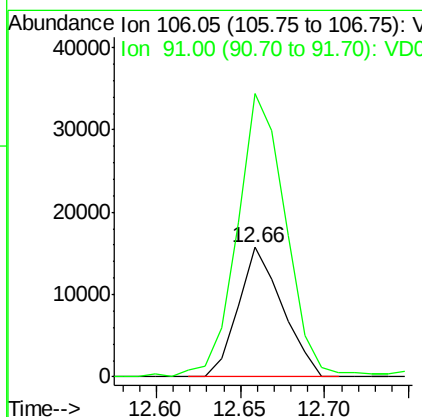
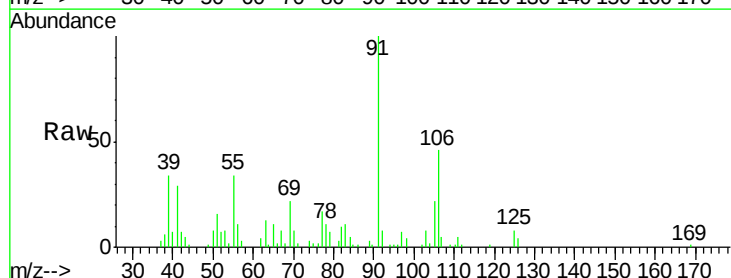
Instrument :
MSVOA_D
ClientSampleId :
SB-9 0.5-1.0 060719

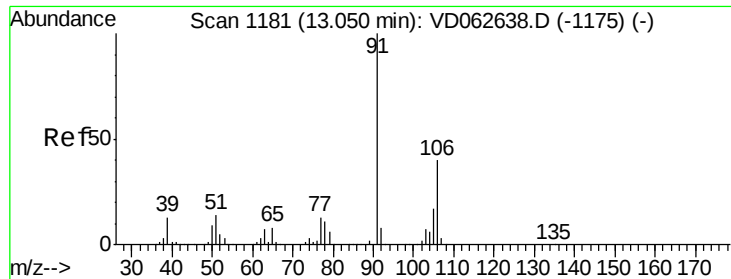
Tgt Ion: 91 Resp: 55842
Ion Ratio Lower Upper
91 100
106 27.3 22.1 33.1



#68
m/p-Xylenes
Concen: 9.242 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

Tgt Ion: 106 Resp: 28422
Ion Ratio Lower Upper
106 100
91 218.9 180.2 270.4

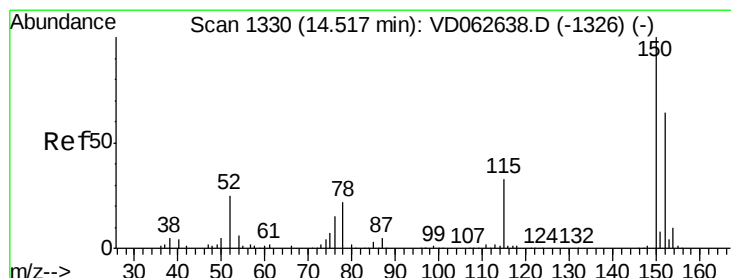
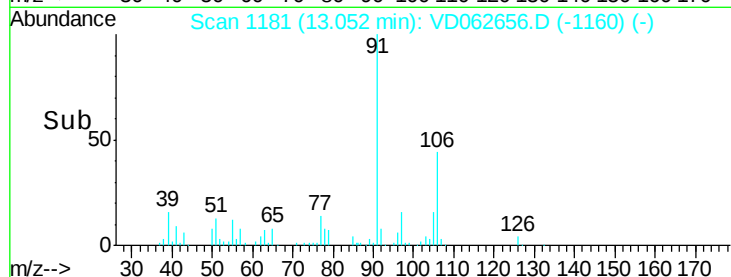
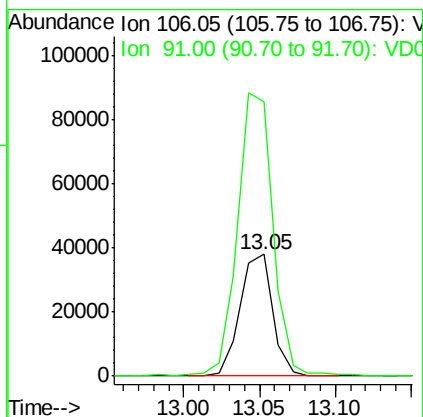
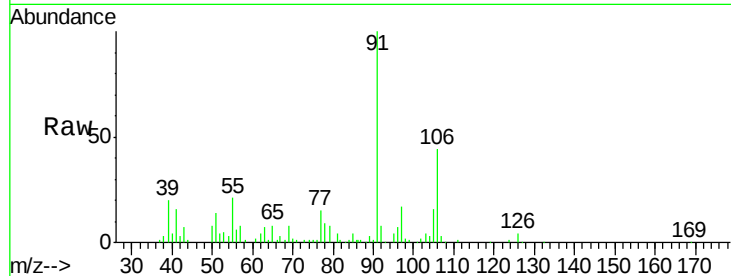




#69
o-Xylene
Concen: 20.331 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

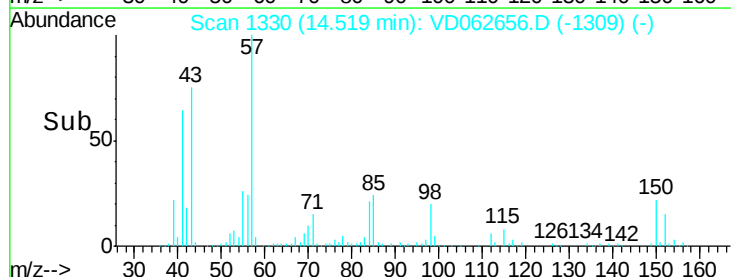
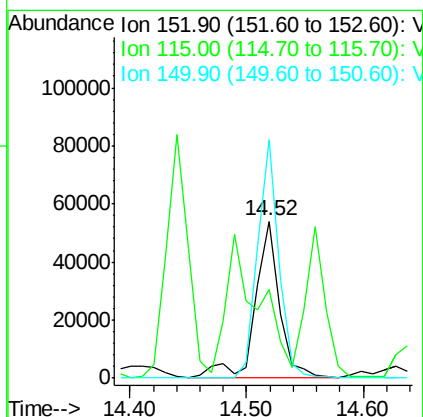
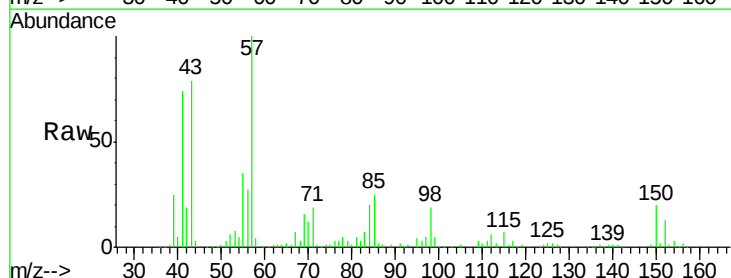
Instrument :
MSVOA_D
ClientSampleId :
SB-9 0.5-1.0 060719

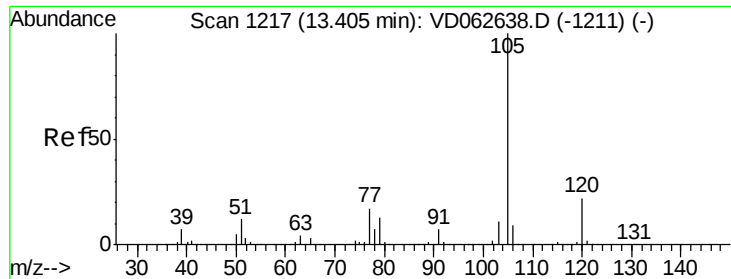
Tgt Ion:106 Resp: 57423
Ion Ratio Lower Upper
106 100
91 225.5 124.1 372.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

Tgt Ion:152 Resp: 78648
Ion Ratio Lower Upper
152 100
115 56.6 30.1 90.5
150 151.5 0.0 314.0





#73

Isopropylbenzene

Concen: 41.307 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

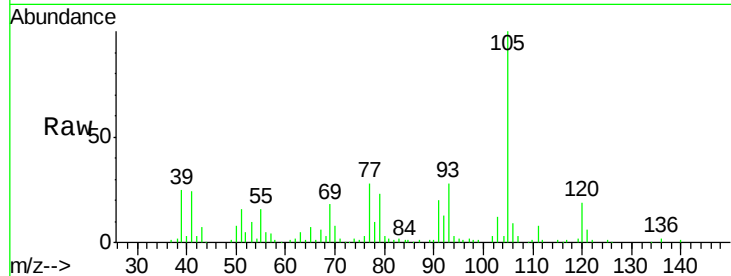
SB-9 0.5-1.0 060719

Tgt Ion:105 Resp: 228985

Ion Ratio Lower Upper

105 100

120 19.5 10.9 32.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.40

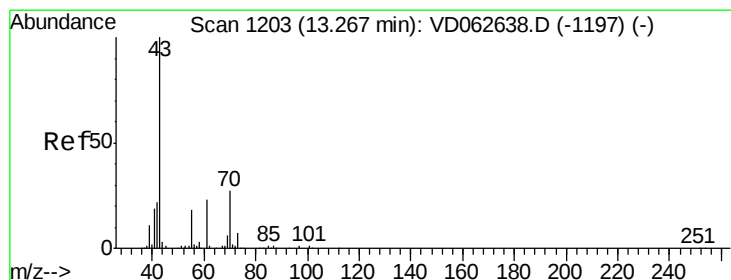
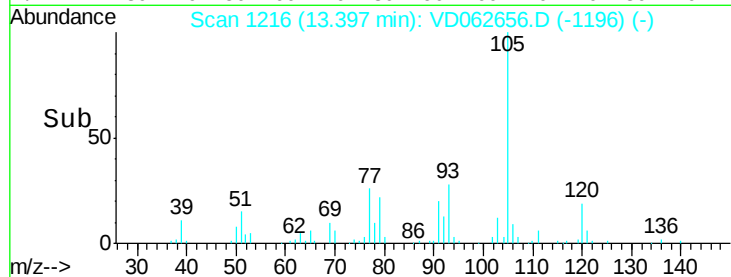
150000

100000

50000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 92.672 ug/l

RT: 13.22 min Scan# 1198

Delta R.T. -0.05 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

Tgt Ion: 43 Resp: 138838

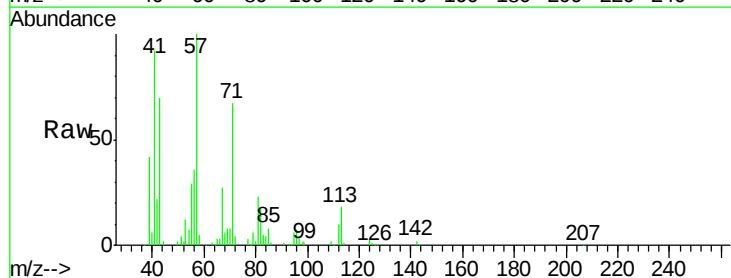
Ion Ratio Lower Upper

43 100

70 11.0 21.8 32.8#

55 41.3 14.6 21.8#

61 0.3 18.4 27.6#



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

13.22

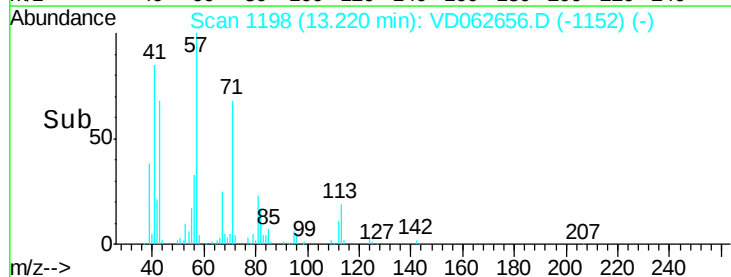
150000

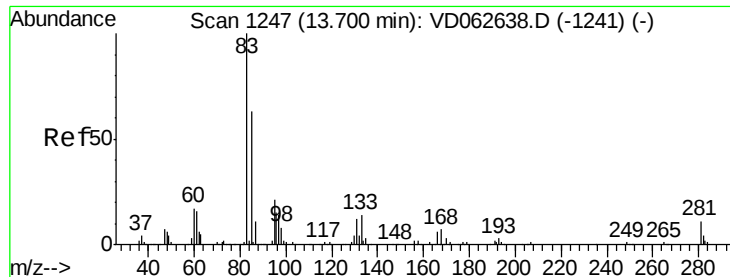
100000

50000

0

Time--> 13.15 13.20 13.25





#75

1,1,2,2-Tetrachloroethane

Concen: 37.469 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

SB-9 0.5-1.0 060719

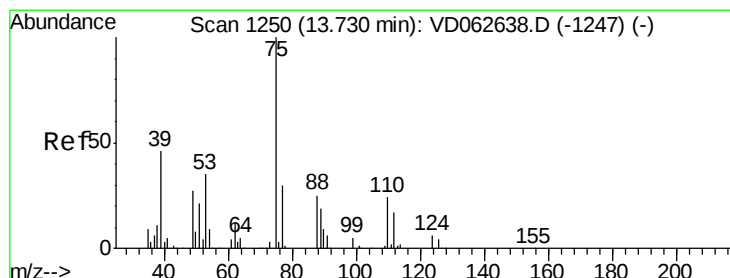
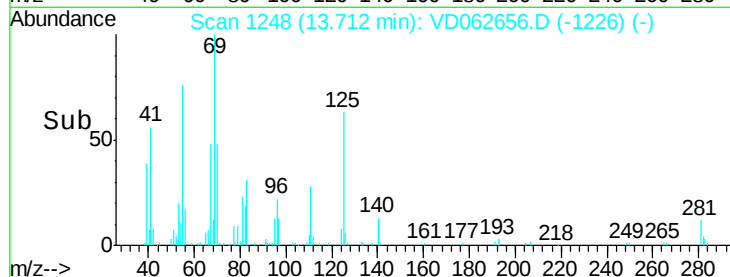
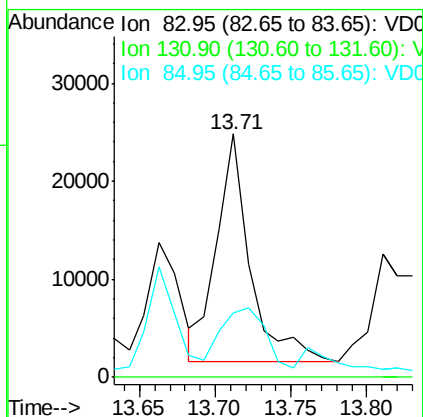
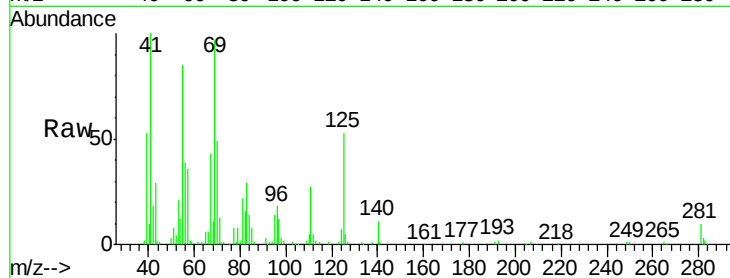
Tgt Ion: 83 Resp: 35541

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

85 26.7 31.3 93.9#



#76

1,2,3-Trichloropropane

Concen: 3.487 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.04 min

Lab File: VD062656.D

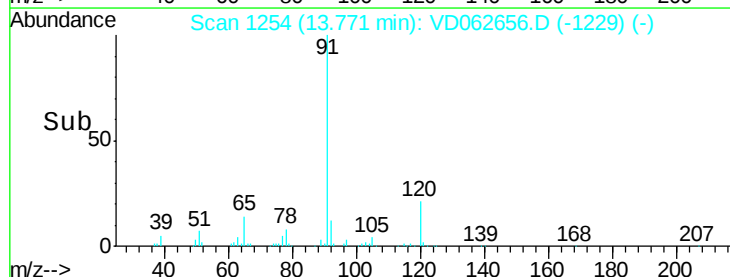
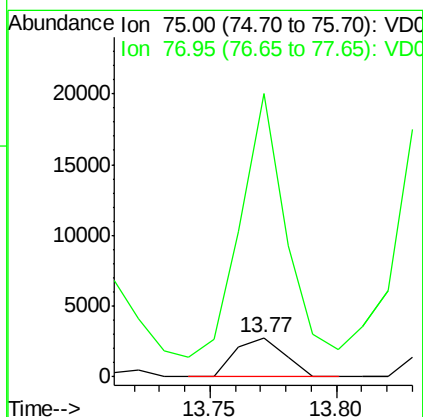
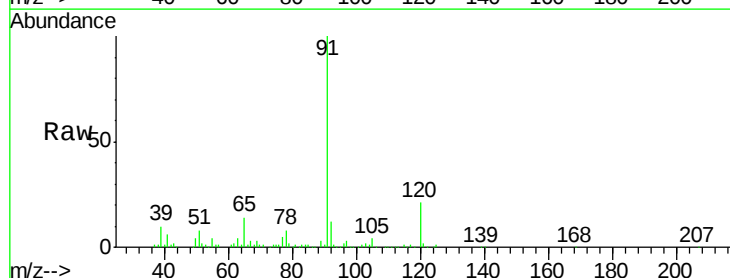
Acq: 10 Jun 2019 16:27

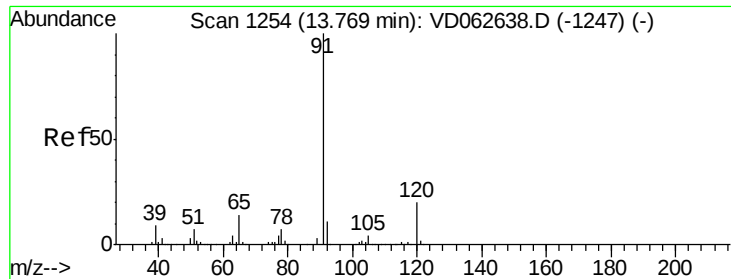
Tgt Ion: 75 Resp: 3718

Ion Ratio Lower Upper

75 100

77 716.1 16.2 48.6#





#78

n-propylbenzene

Concen: 73.847 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

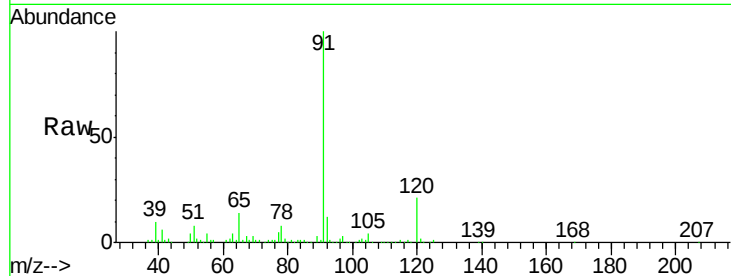
SB-9 0.5-1.0 060719

Tgt Ion: 91 Resp: 501092

Ion Ratio Lower Upper

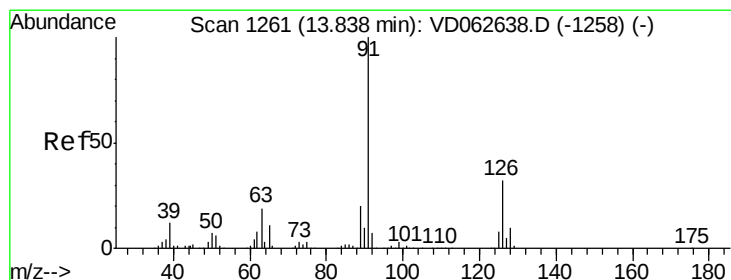
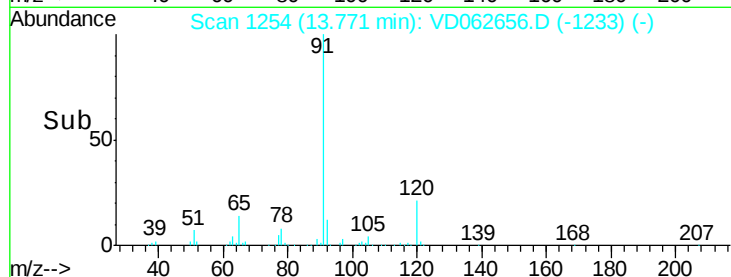
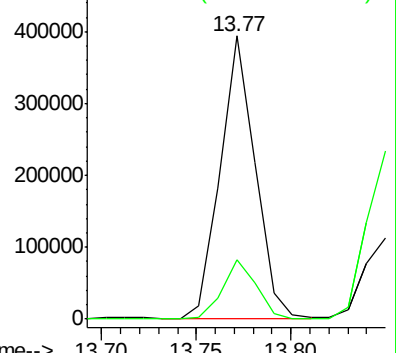
91 100

120 20.8 9.8 29.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V



#79

2-Chlorotoluene

Concen: 42.176 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VD062656.D

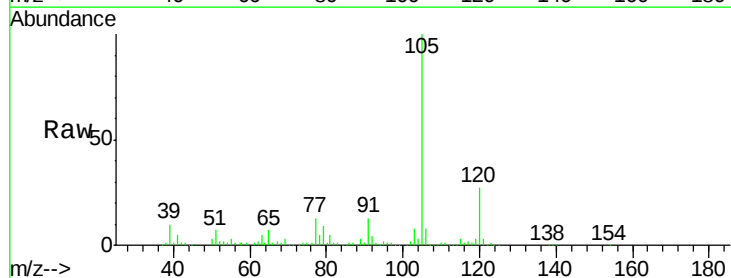
Acq: 10 Jun 2019 16:27

Tgt Ion: 91 Resp: 167569

Ion Ratio Lower Upper

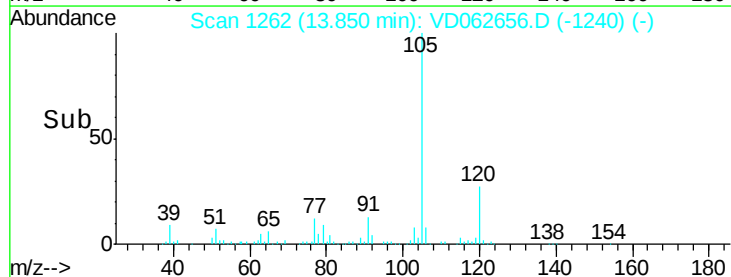
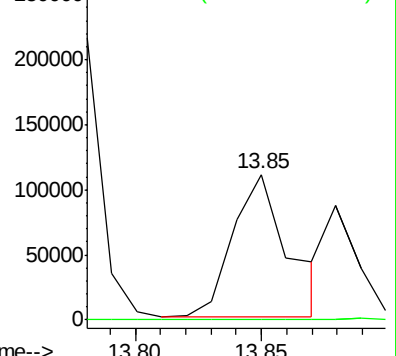
91 100

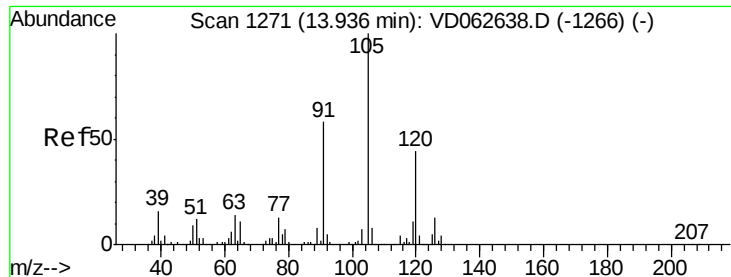
126 0.0 15.8 47.4#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

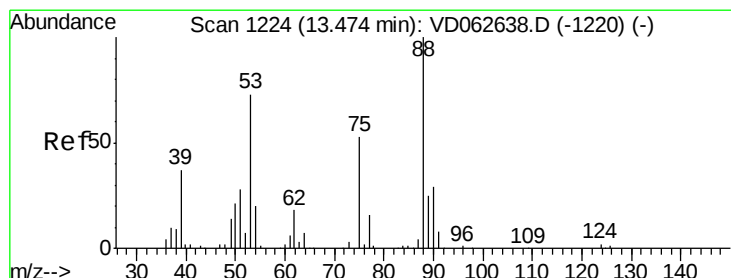
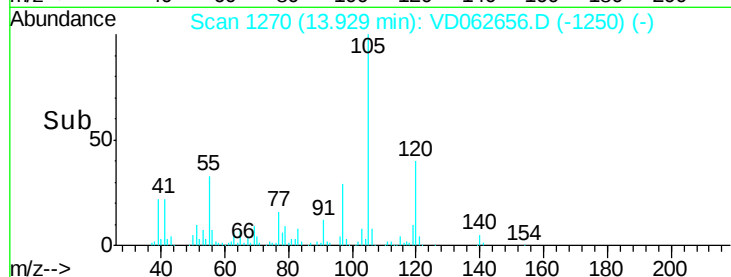
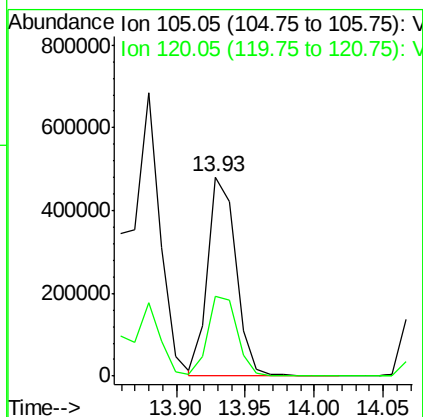
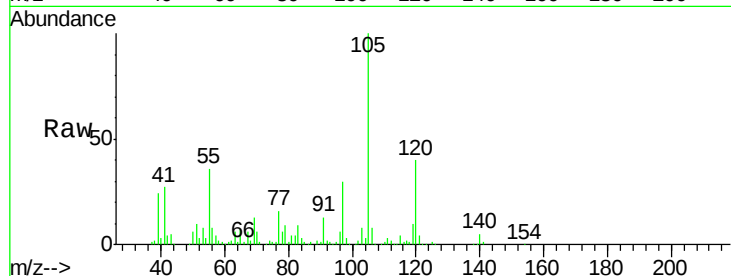




#80
 1,3,5-Trimethylbenzene
 Concen: 139.091 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VD062656.D
 Acq: 10 Jun 2019 16:27

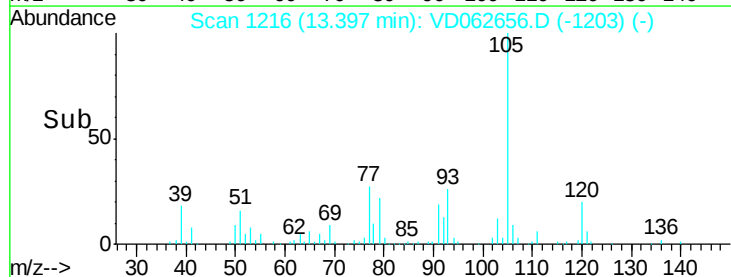
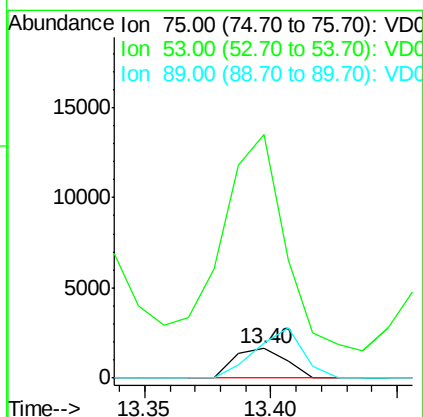
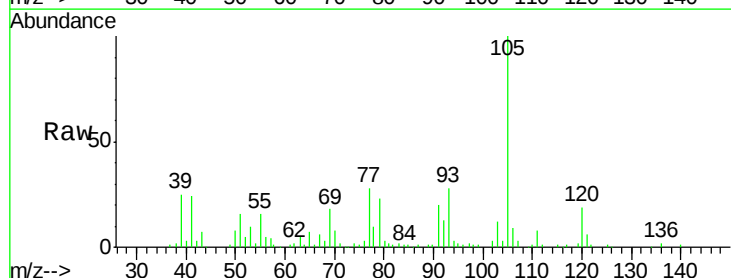
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9 0.5-1.0 060719

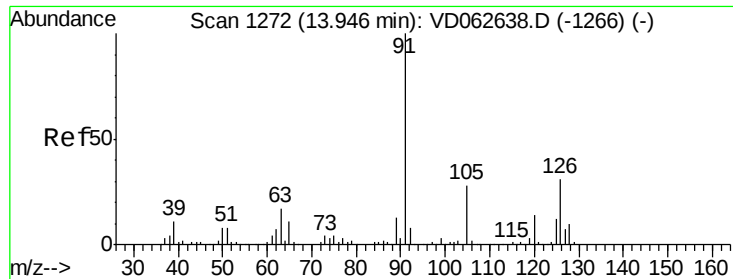
Tgt Ion: 105 Resp: 681446
 Ion Ratio Lower Upper
 105 100
 120 40.4 22.1 66.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 10.691 ug/l
 RT: 13.40 min Scan# 1216
 Delta R.T. -0.08 min
 Lab File: VD062656.D
 Acq: 10 Jun 2019 16:27

Tgt Ion: 75 Resp: 2331
 Ion Ratio Lower Upper
 75 100
 53 824.2 109.4 164.2#
 89 119.5 37.0 55.6#

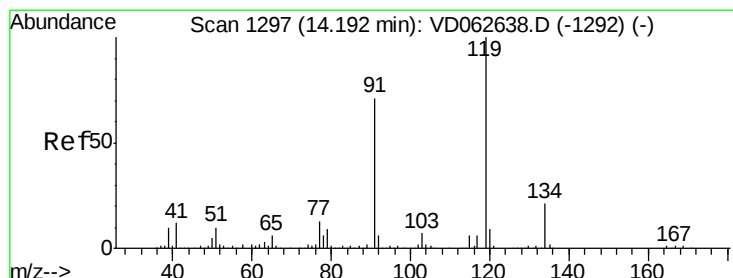
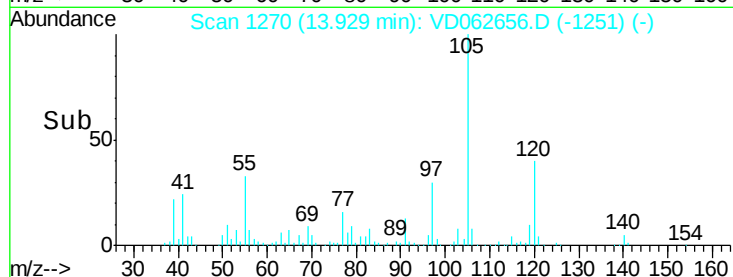
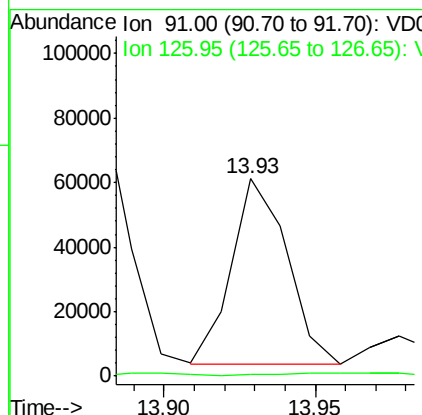
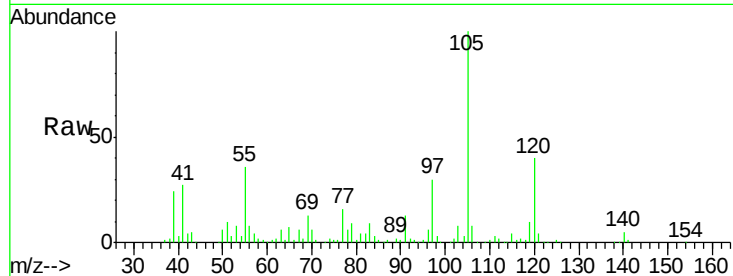




#82
4-Chlorotoluene
Concen: 15.474 ug/l
RT: 13.93 min Scan# 1270
Delta R.T. -0.02 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

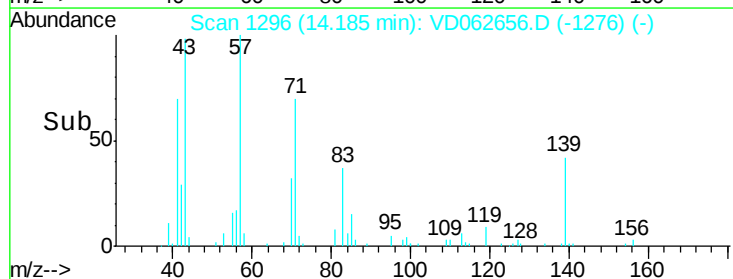
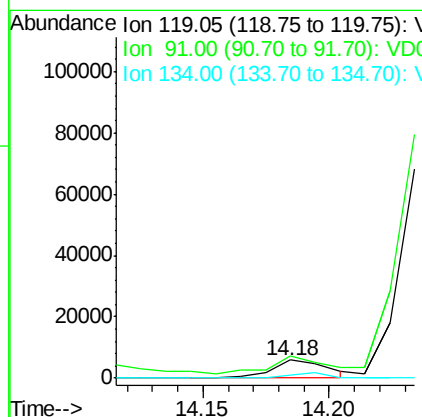
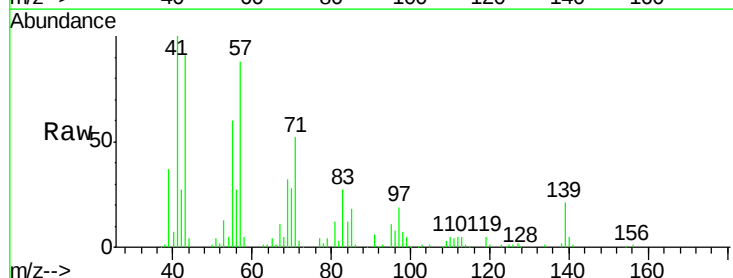
Instrument :
MSVOA_D
ClientSampleId :
SB-9 0.5-1.0 060719

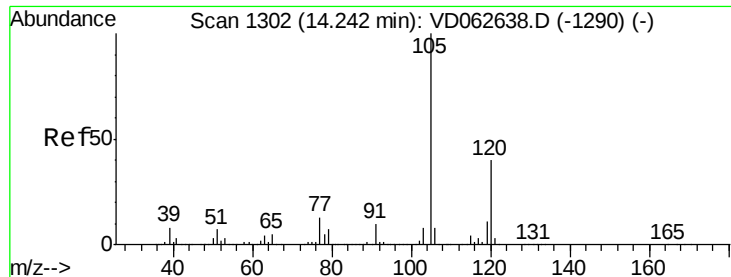
Tgt Ion: 91 Resp: 73523
Ion Ratio Lower Upper
91 100
126 0.8 15.6 46.8#



#83
tert-Butylbenzene
Concen: 1.663 ug/l
RT: 14.18 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

Tgt Ion: 119 Resp: 8986
Ion Ratio Lower Upper
119 100
91 122.3 35.4 106.1#
134 14.3 10.8 32.3

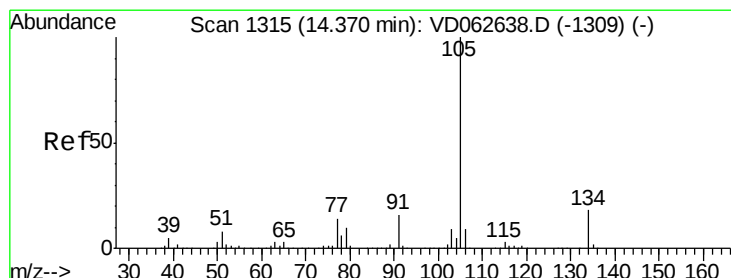
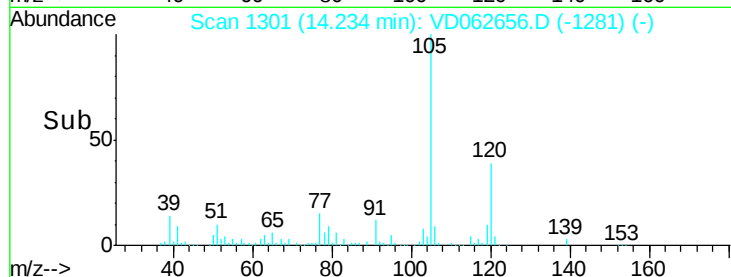
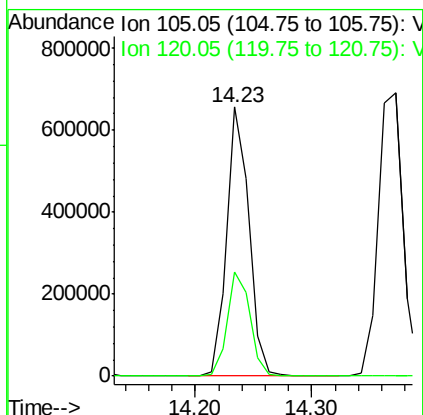
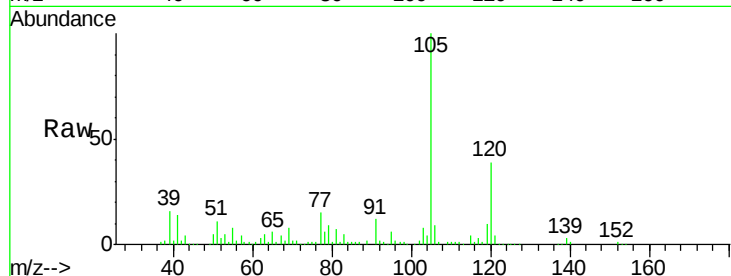




#84
 1,2,4-Trimethylbenzene
 Concen: 179.310 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD062656.D
 Acq: 10 Jun 2019 16:27

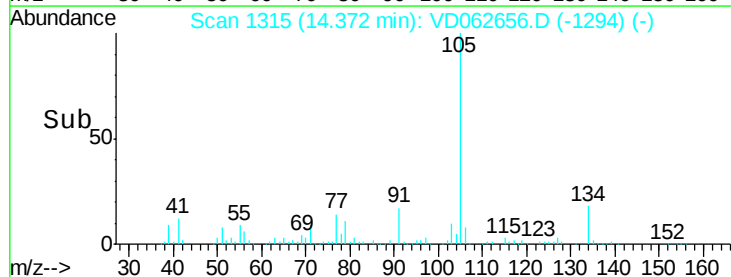
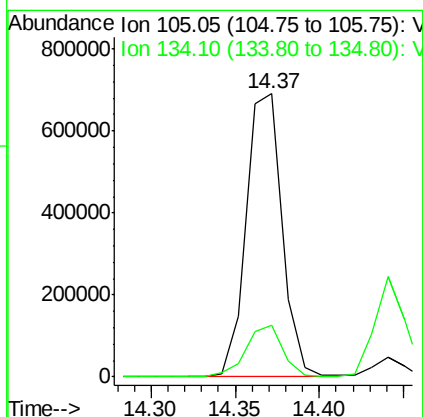
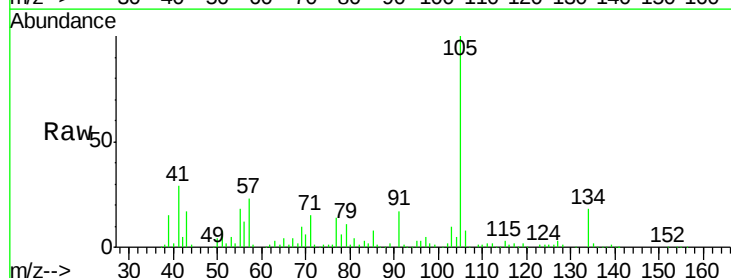
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9 0.5-1.0 060719

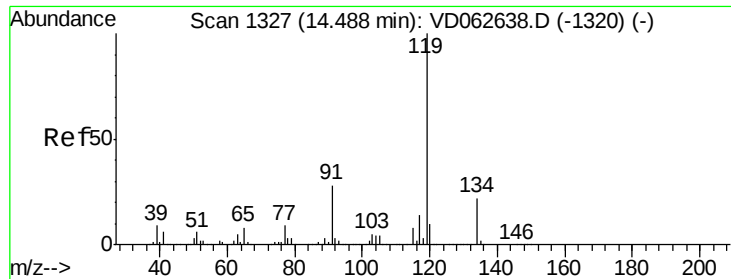
Tgt Ion:105 Resp: 869804
 Ion Ratio Lower Upper
 105 100
 120 38.9 20.3 60.8



#85
 sec-Butylbenzene
 Concen: 180.938 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VD062656.D
 Acq: 10 Jun 2019 16:27

Tgt Ion:105 Resp: 1025252
 Ion Ratio Lower Upper
 105 100
 134 18.1 8.8 26.2

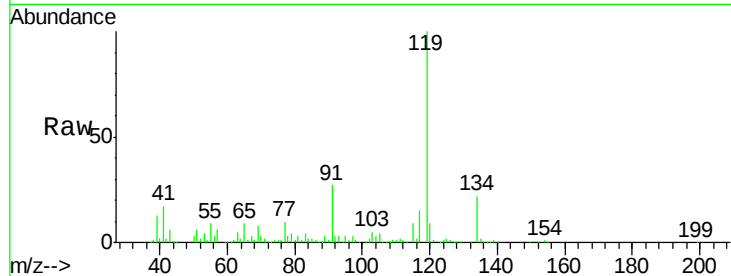




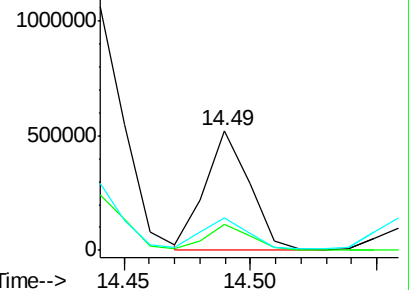
#86
p-Isopropyltoluene
Concen: 113.602 ug/l
RT: 14.49 min Scan# 1327
Delta R.T. 0.00 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
SB-9 0.5-1.0 060719

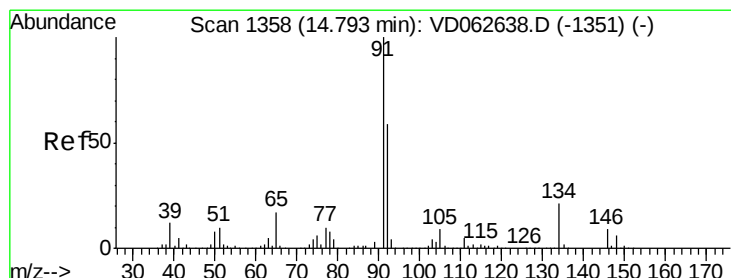
Tgt Ion: 119 Resp: 626730
Ion Ratio Lower Upper
119 100
134 22.2 10.9 32.6
91 27.3 13.9 41.6



Abundance Ion 119.05 (118.75 to 119.75): V
Ion 134.10 (133.80 to 134.80): V
Ion 91.00 (90.70 to 91.70): V

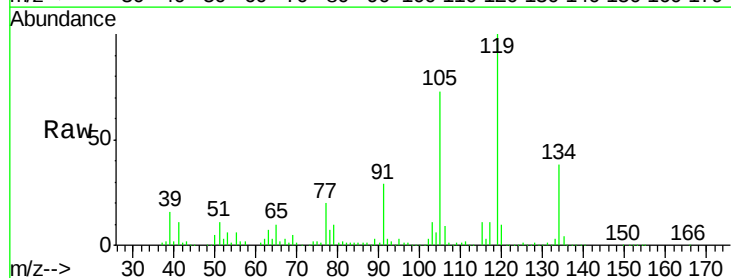


Time-->

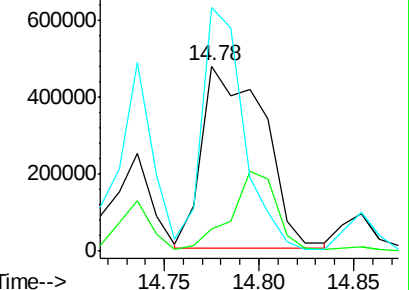


#89
n-Butylbenzene
Concen: 217.050 ug/l
RT: 14.78 min Scan# 1356
Delta R.T. -0.02 min
Lab File: VD062656.D
Acq: 10 Jun 2019 16:27

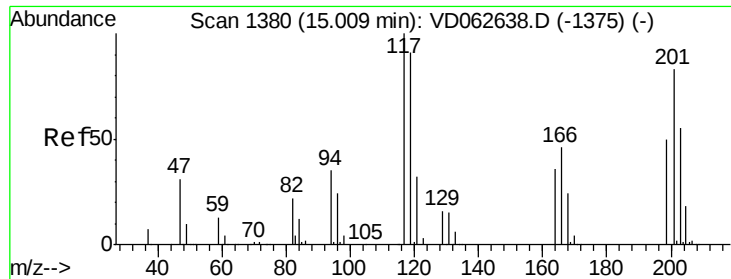
Tgt Ion: 91 Resp: 1077250
Ion Ratio Lower Upper
91 100
92 11.7 29.4 88.3#
134 131.6 10.4 31.2#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.10 (133.80 to 134.80): V



Time-->



#90

Hexachloroethane

Concen: 99.923 ug/l

RT: 14.98 min Scan# 1377

Delta R.T. -0.03 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

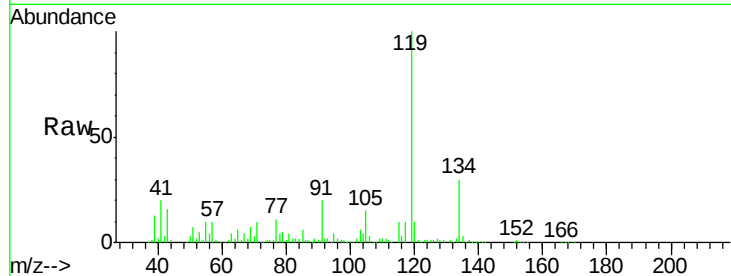
SB-9 0.5-1.0 060719

Tgt Ion: 117 Resp: 145532

Ion Ratio Lower Upper

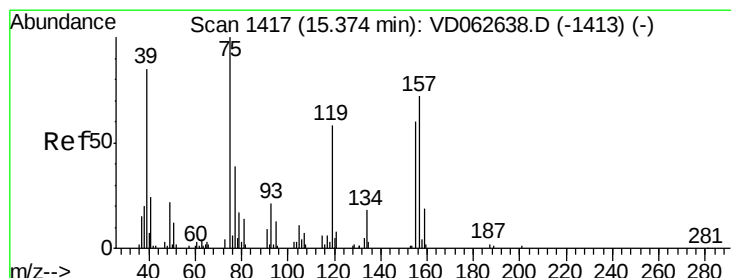
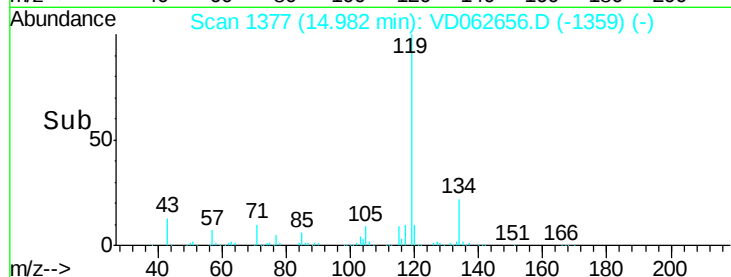
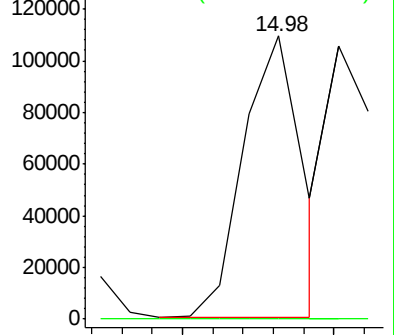
117 100

201 0.0 41.5 124.6#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 80.850 ug/l

RT: 15.38 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VD062656.D

Acq: 10 Jun 2019 16:27

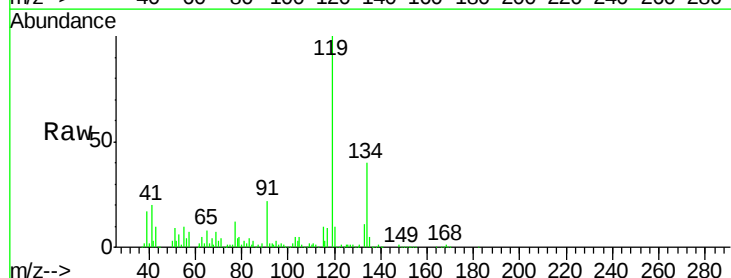
Tgt Ion: 75 Resp: 16381

Ion Ratio Lower Upper

75 100

155 8.4 30.1 90.5#

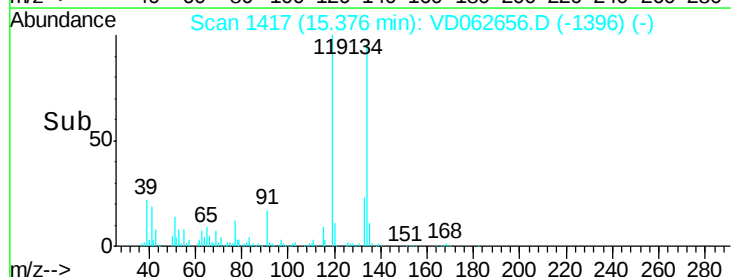
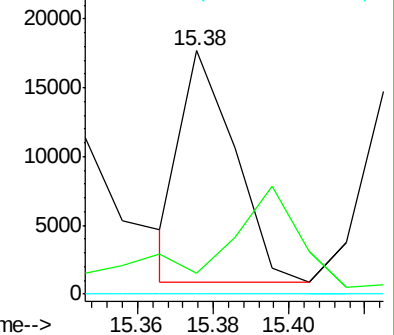
157 0.0 35.9 107.8#

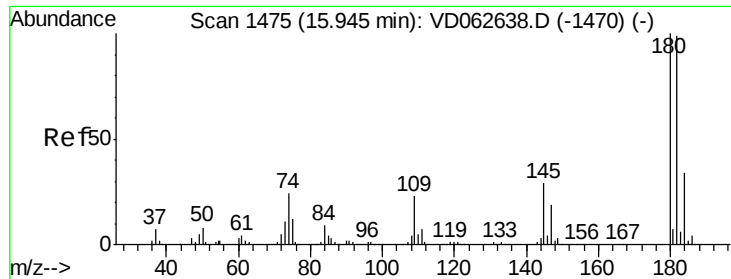


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

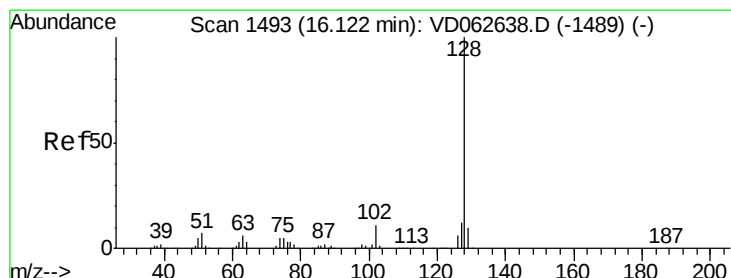
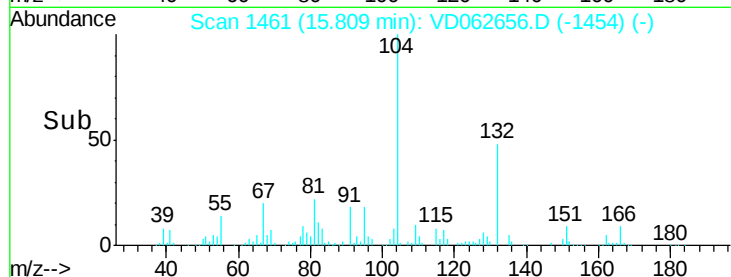
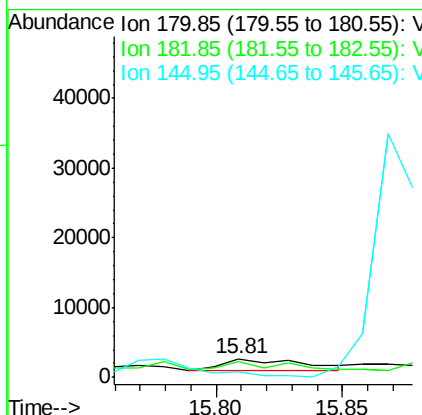
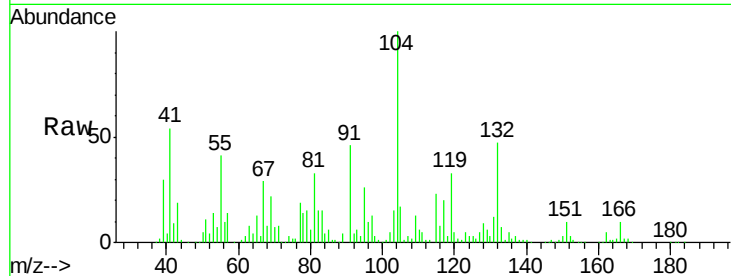




#93
 1,2,4-Trichlorobenzene
 Concen: 5.391 ug/l
 RT: 15.81 min Scan# 1461
 Delta R.T. -0.14 min
 Lab File: VD062656.D
 Acq: 10 Jun 2019 16:27

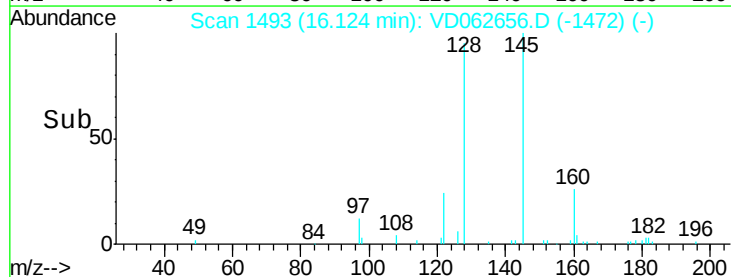
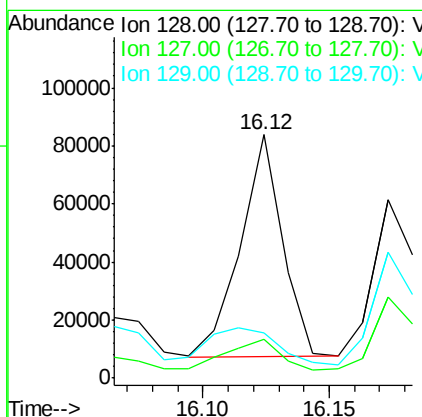
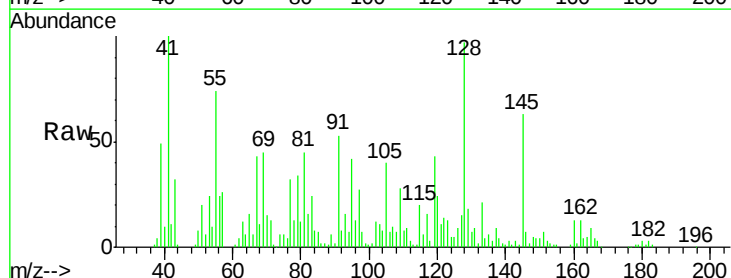
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9 0.5-1.0 060719

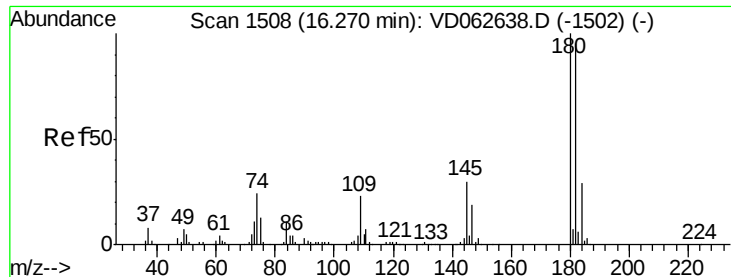
Tgt Ion:180 Resp: 3973
 Ion Ratio Lower Upper
 180 100
 182 85.1 49.4 148.2
 145 27.0 14.5 43.6



#95
 Naphthalene
 Concen: 32.523 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: VD062656.D
 Acq: 10 Jun 2019 16:27

Tgt Ion:128 Resp: 89117
 Ion Ratio Lower Upper
 128 100
 127 15.7 9.7 14.5#
 129 18.4 8.1 12.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.151 ug/l
 RT: 16.25 min Scan# 1506
 Delta R.T. -0.02 min
 Lab File: VD062656.D
 Acq: 10 Jun 2019 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9 0.5-1.0 060719

Tgt Ion:180 Resp: 5705
 Ion Ratio Lower Upper
 180 100
 182 12.2 47.7 143.1#
 145 632.2 15.0 45.0#

