

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065861.D
 Acq On : 23 Jun 2020 15:42
 Operator : VA/SY
 Sample : L3082-14
 Misc : 4.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-15

Quant Time: Jun 24 04:43:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	11559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	19331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	18843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	7810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	23433	205.16	ug/l	0.00
Spiked Amount			Recovery	=	410.32%	
35) Dibromofluoromethane	7.91	113	11077	90.72	ug/l	0.00
Spiked Amount			Recovery	=	181.44%	
50) Toluene-d8	10.34	98	18956	41.63	ug/l	0.00
Spiked Amount			Recovery	=	83.26%	
62) 4-Bromofluorobenzene	12.64	95	7643	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	

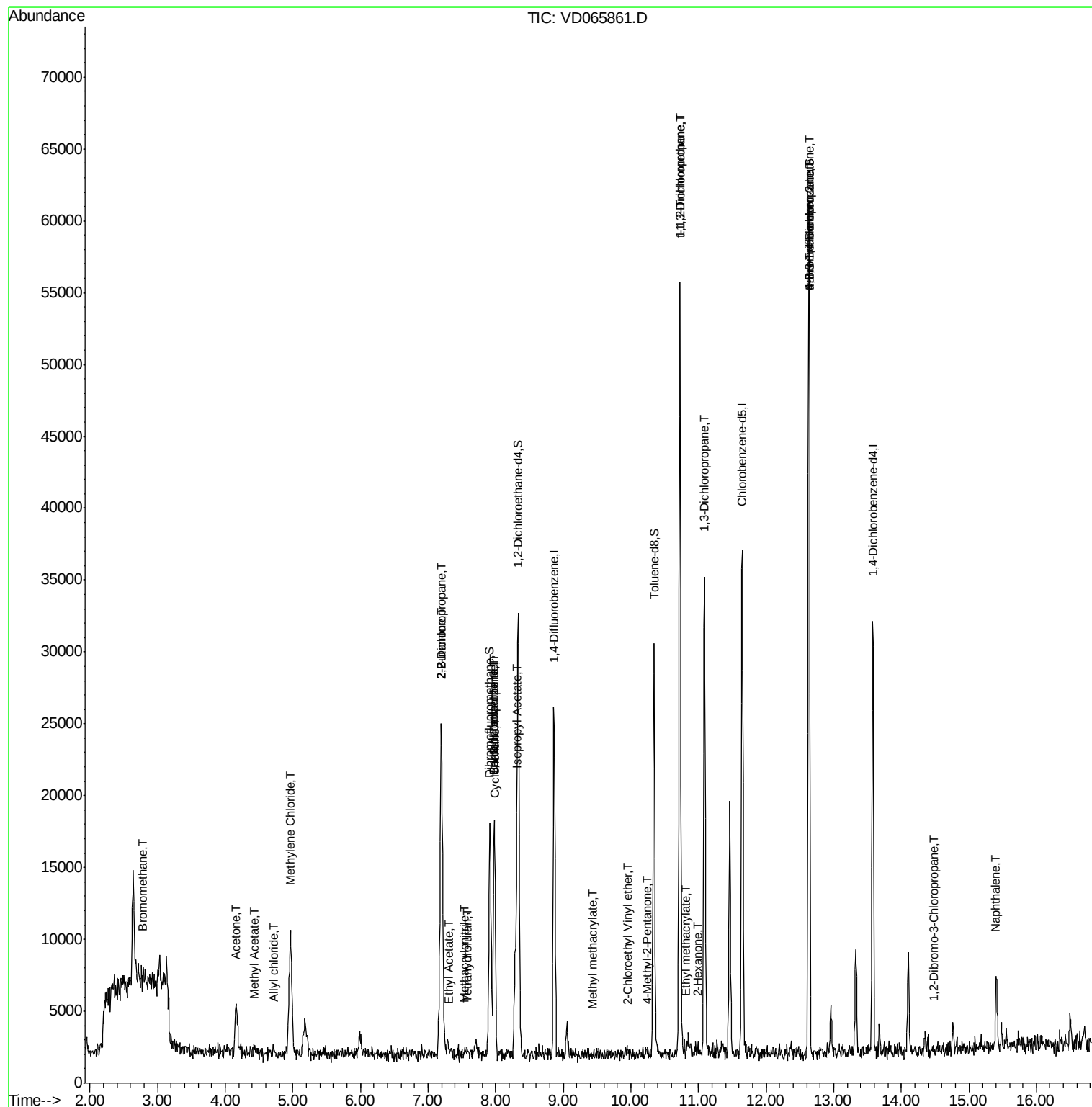
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	277	Below Cal	#	69
5) Bromomethane	2.77	94	146	1.224	ug/l #	5
11) Tert butyl alcohol	5.24	59	151	Below Cal	#	74
14) Allyl chloride	4.72	41	193	1.112	ug/l #	72
16) Acetone	4.16	43	6108	283.496	ug/l #	85
18) Methyl Acetate	4.43	43	261	1.875	ug/l #	52
20) Methylene Chloride	4.97	84	5652	49.338	ug/l	98
25) 2-Butanone	7.20	43	2193	73.701	ug/l #	52
26) 2,2-Dichloropropane	7.20	77	1611	8.503	ug/l #	54
29) Tetrahydrofuran	7.58	42	64	3.403	ug/l #	34
31) Cyclohexane	7.99	56	279	1.362	ug/l #	73
36) 1,1-Dichloropropene	7.98	75	1201	6.486	ug/l #	41
37) Ethyl Acetate	7.31	43	176	2.413	ug/l #	70
38) Carbon Tetrachloride	7.98	117	1263	6.481	ug/l #	12
41) Methacrylonitrile	7.54	41	172	3.960	ug/l #	28
43) Isopropyl Acetate	8.31	43	147	1.014	ug/l #	51
48) Methyl methacrylate	9.44	41	125	1.780	ug/l #	15
51) 4-Methyl-2-Pentanone	10.24	43	468	6.585	ug/l #	37
53) t-1,3-Dichloropropene	10.73	75	587	3.507	ug/l #	42
55) 1,1,2-Trichloroethane	10.73	97	1266	13.734	ug/l #	15
56) Ethyl methacrylate	10.82	69	167	1.540	ug/l #	21
57) 1,3-Dichloropropene	11.09	76	333	2.085	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.96	63	88	1.746	ug/l #	46
59) 2-Hexanone	10.99	43	217	4.529	ug/l #	26
76) 1,2,3-Trichloropropane	12.64	75	4532	74.614	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	4532	161.212	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.47	75	59	4.009	ug/l #	1
95) Naphthalene	15.40	128	4967	20.514	ug/l #	94

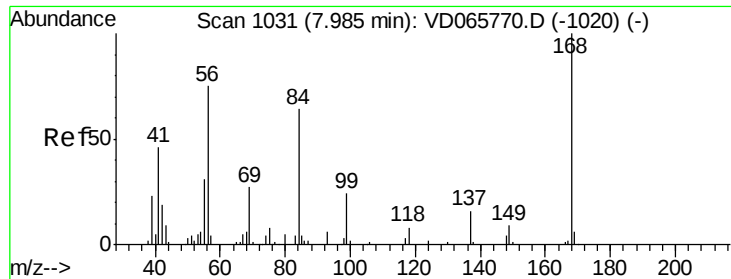
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

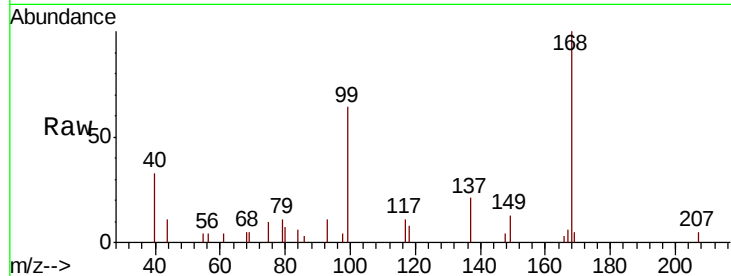
SB-15

Tot Ion:168 Resp: 11559

Ion Ratio Lower Upper

168 100

99 64.3 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

6000

5000

4000

3000

2000

1000

0

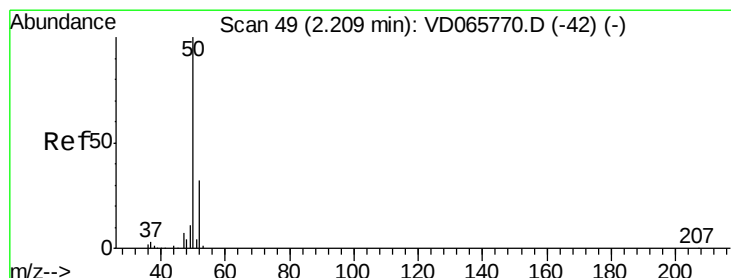
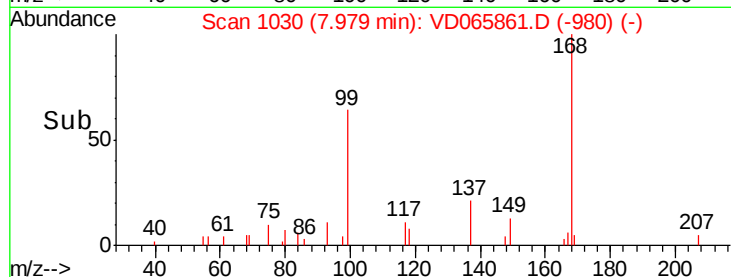
7.90

7.95

8.00

8.05

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065861.D

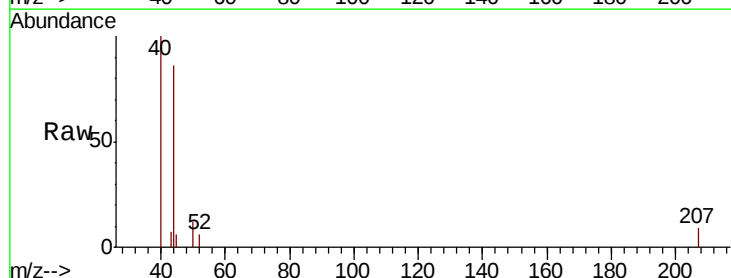
Acq: 23 Jun 2020 15:42

Tgt Ion: 50 Resp: 277

Ion Ratio Lower Upper

50 100

52 49.5 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

300

200

100

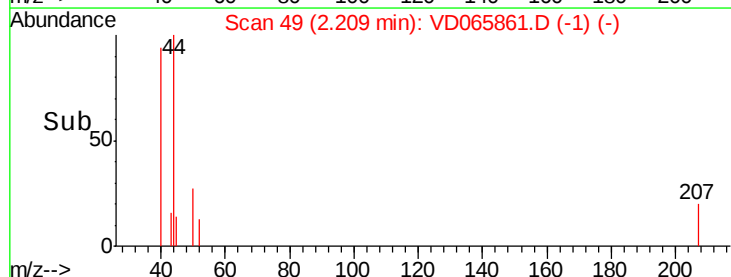
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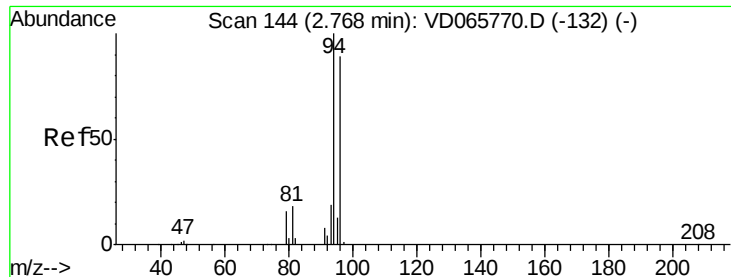
2.18

2.20

2.22

Time-->





#5

Bromomethane

Concen: 1.224 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

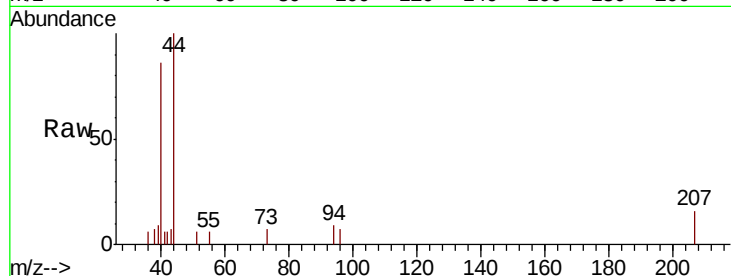
SB-15

Tot Ion: 94 Resp: 146

Ion Ratio Lower Upper

94 100

96 0.0 71.4 107.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

300

200

100

0

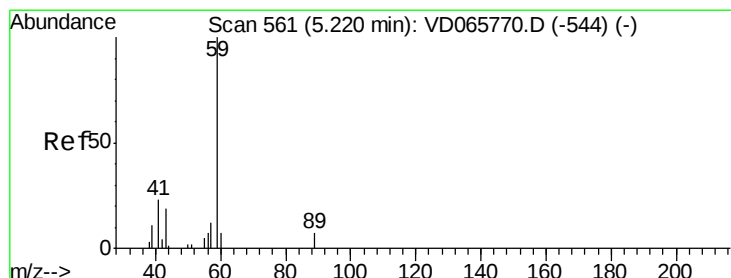
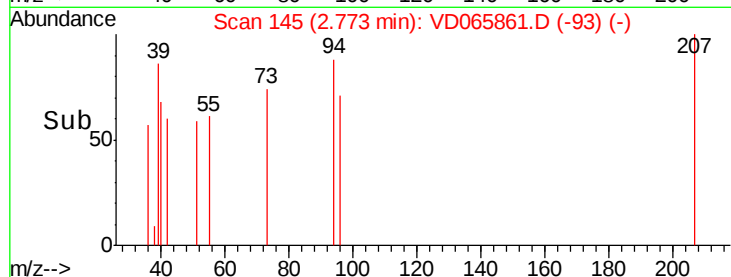
2.76

2.77

2.78

2.80

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 565

Delta R.T. 0.02 min

Lab File: VD065861.D

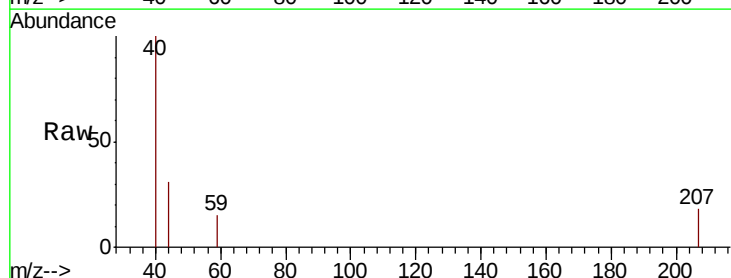
Acq: 23 Jun 2020 15:42

Tgt Ion: 59 Resp: 151

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

300

200

100

0

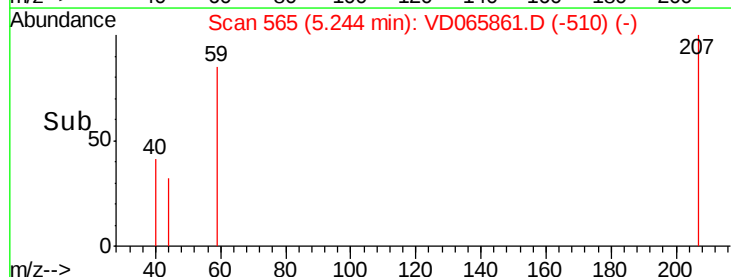
5.23

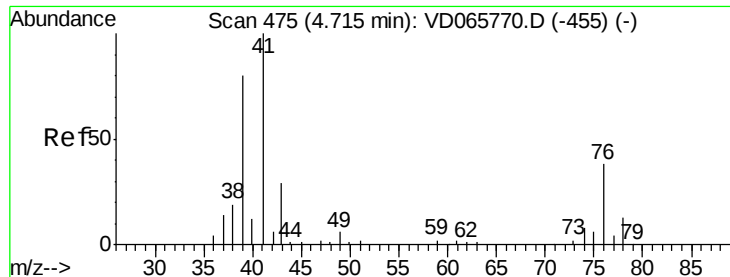
5.24

5.25

5.26

Time-->





#14

Allvl chloride

Concen: 1.112 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

Instrument :

MSVOA_D

ClientSampled :

SB-15

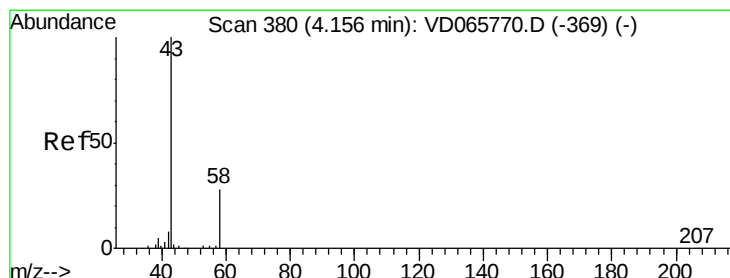
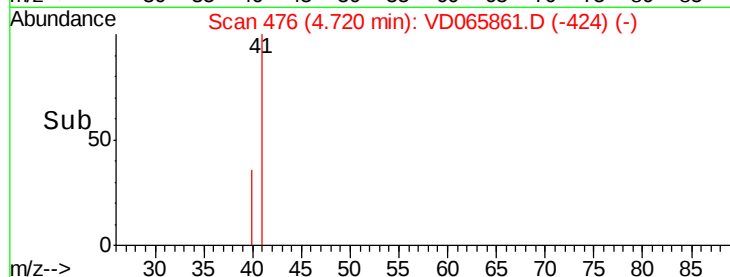
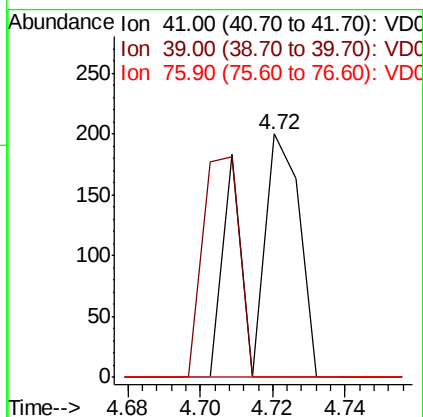
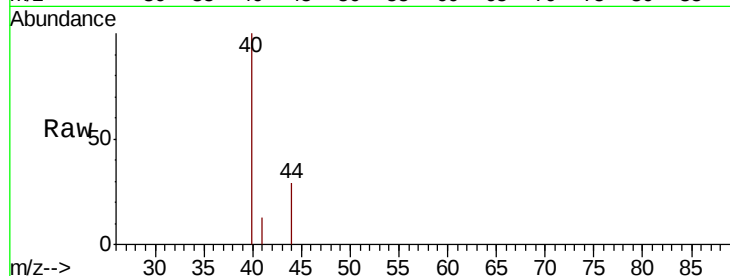
Tot Ion: 41 Resp: 193

Ion Ratio Lower Upper

41 100

39 65.3 60.9 91.3

76 0.0 28.9 43.3#



#16

Acetone

Concen: 283.496 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065861.D

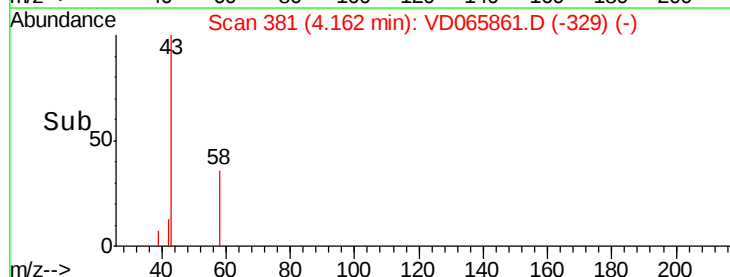
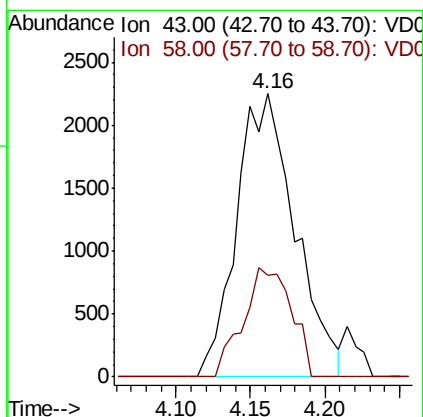
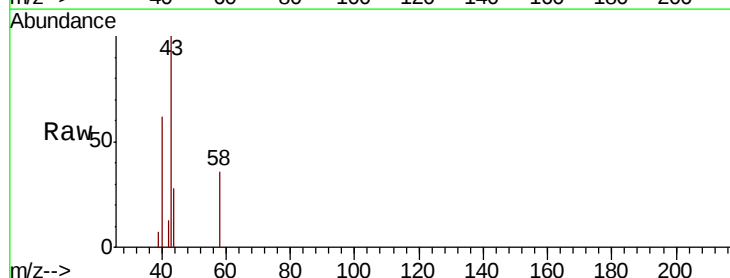
Acq: 23 Jun 2020 15:42

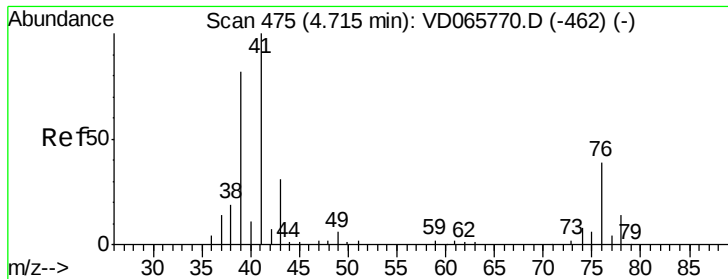
Tgt Ion: 43 Resp: 6108

Ion Ratio Lower Upper

43 100

58 36.0 22.3 33.5#

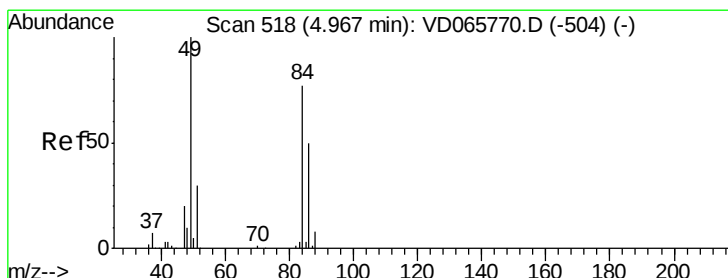
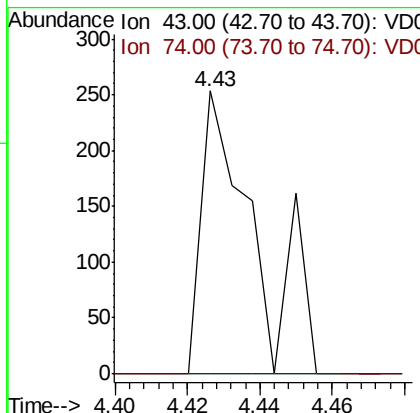
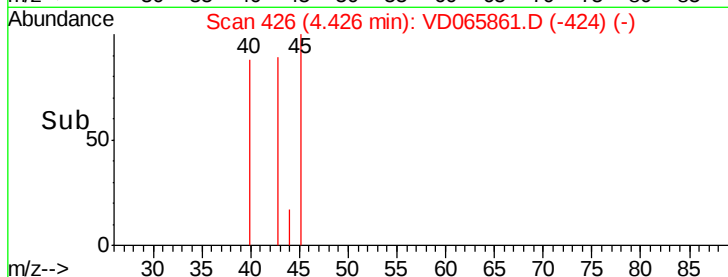
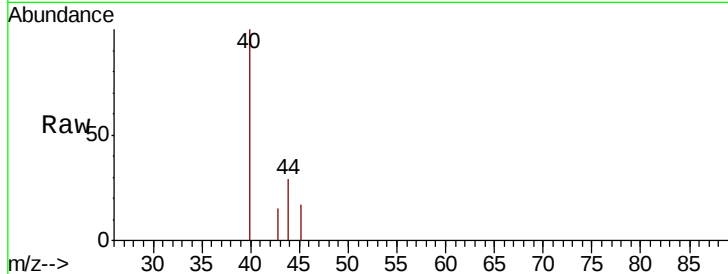




#18
Methyl Acetate
Concen: 1.875 ug/l
RT: 4.43 min Scan# 426
Delta R.T. -0.29 min
Lab File: VD065861.D
Acq: 23 Jun 2020 15:42

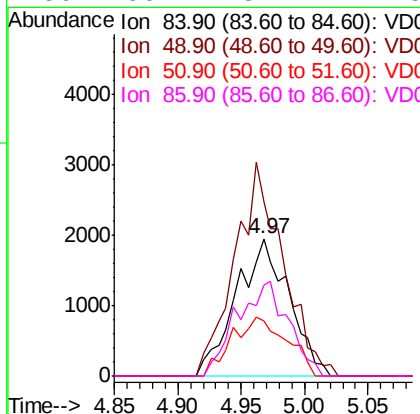
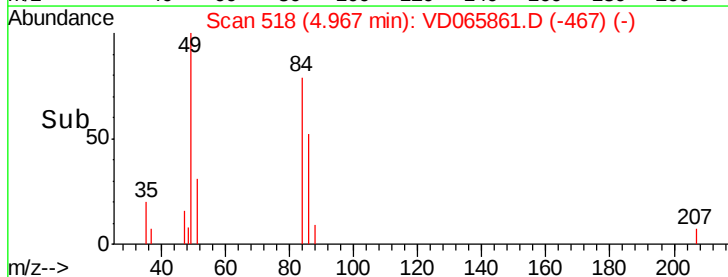
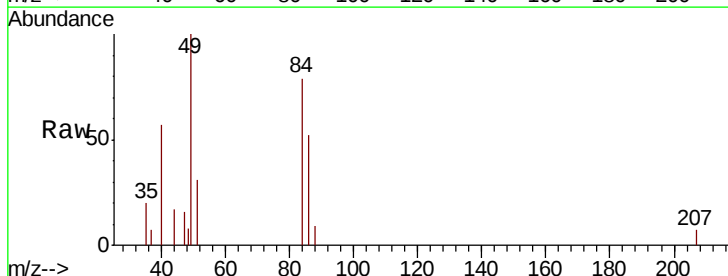
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SB-15

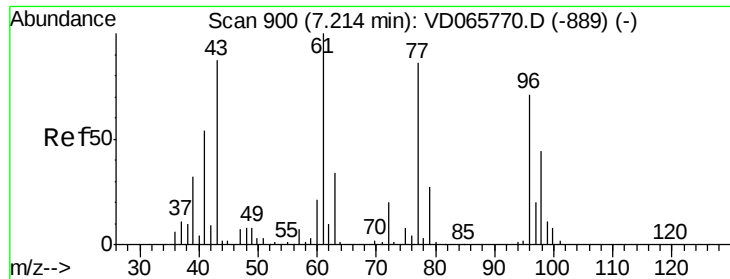
Tot Ion: 43 Resp: 261
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#20
Methylene Chloride
Concen: 49.338 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065861.D
Acq: 23 Jun 2020 15:42

Tgt Ion: 84 Resp: 5652
Ion Ratio Lower Upper
84 100
49 127.0 103.4 155.0
51 39.8 31.4 47.2
86 66.1 51.7 77.5

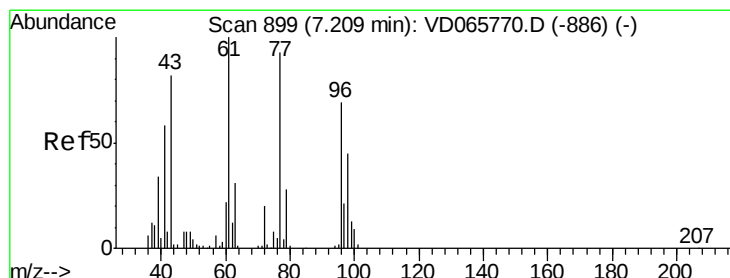
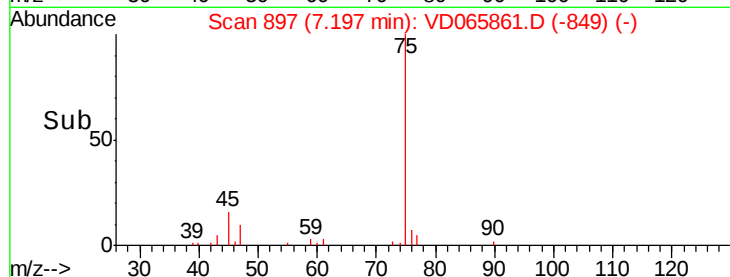
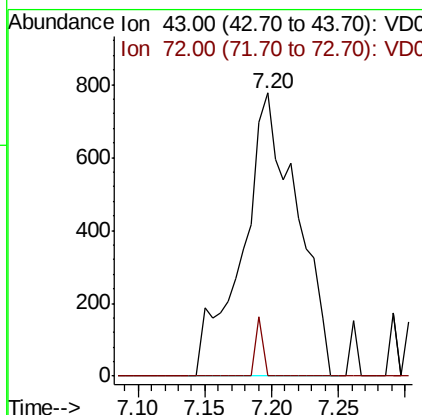
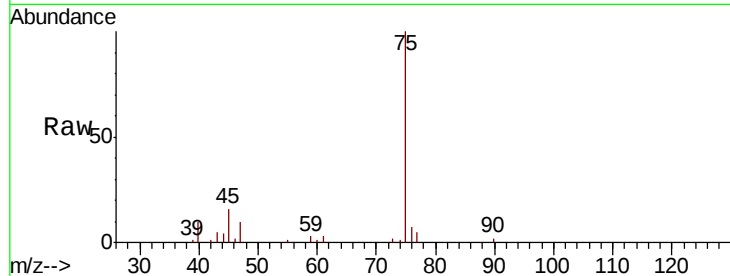




#25
 2-Butanone
 Concen: 73.701 ug/l
 RT: 7.20 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: VD065861.D
 Acq: 23 Jun 2020 15:42

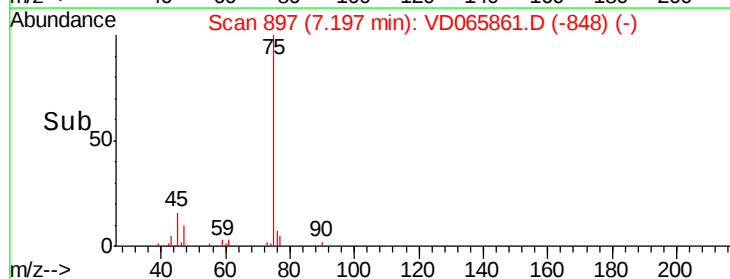
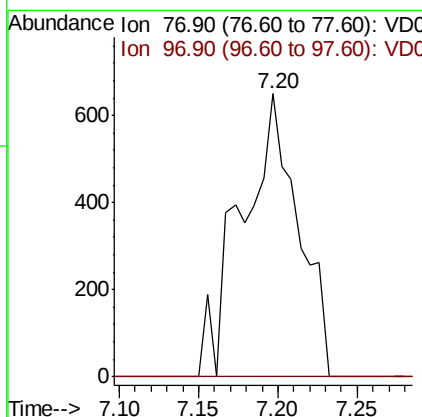
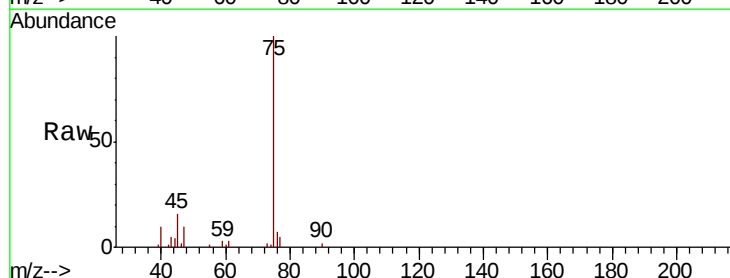
Instrument :
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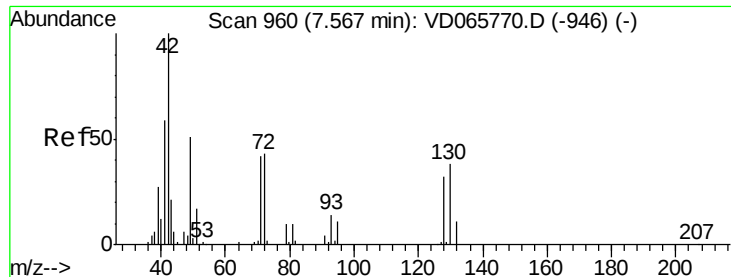
Tot Ion: 43 Resp: 2193
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.5 27.7#



#26
 2,2-Dichloropropane
 Concen: 8.503 ug/l
 RT: 7.20 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: VD065861.D
 Acq: 23 Jun 2020 15:42

Tgt Ion: 77 Resp: 1611
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.9 32.7#

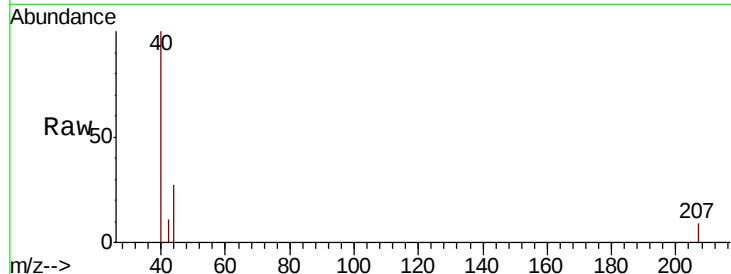




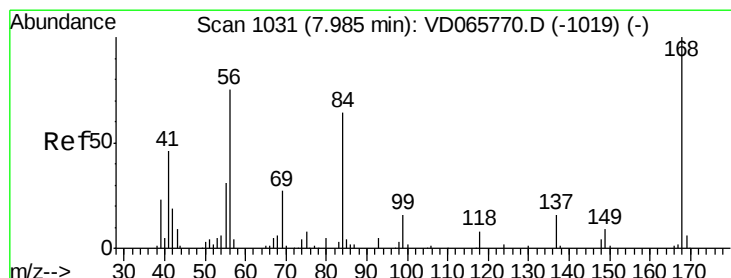
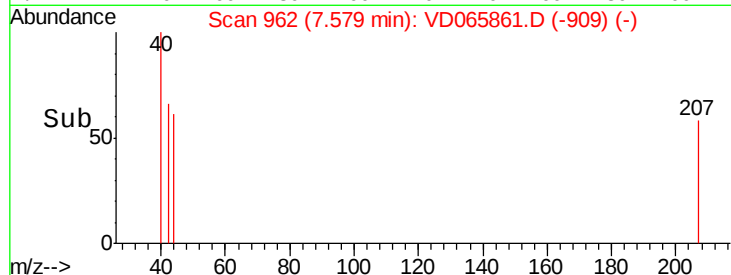
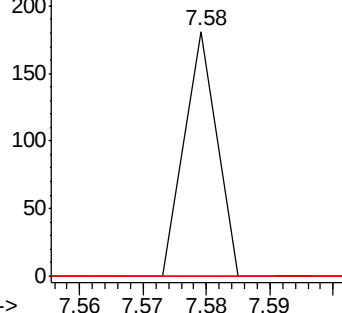
#29
Tetrahydrofuran
Concen: 3.403 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.01 min
Lab File: VD065861.D
Acq: 23 Jun 2020 15:42

Instrument :
MSVOA_D
ClientSampleID :
SB-15

Tot Ion: 42 Resp: 64
Ion Ratio Lower Upper
42 100
72 0.0 34.9 52.3#
71 0.0 31.2 46.8#

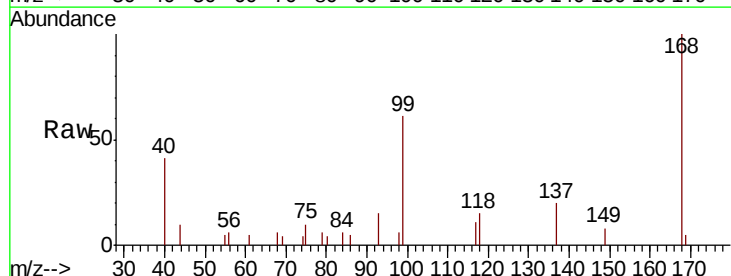


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

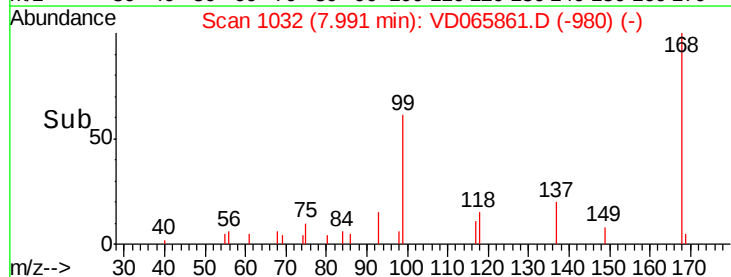
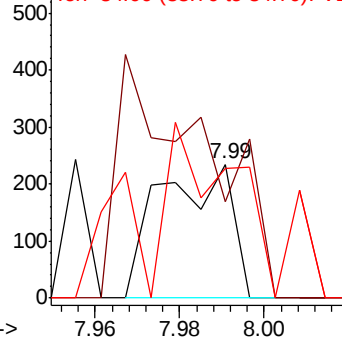


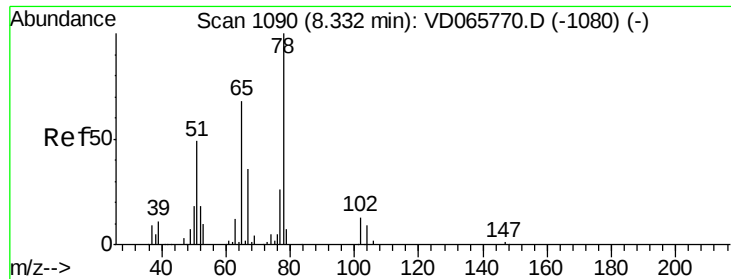
#31
Cyclohexane
Concen: 1.362 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065861.D
Acq: 23 Jun 2020 15:42

Tgt Ion: 56 Resp: 279
Ion Ratio Lower Upper
56 100
69 71.5 28.5 42.7#
84 97.0 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

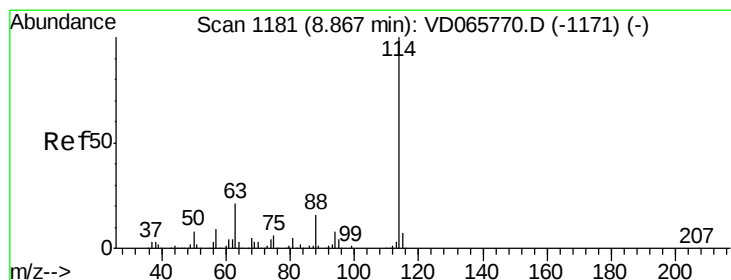
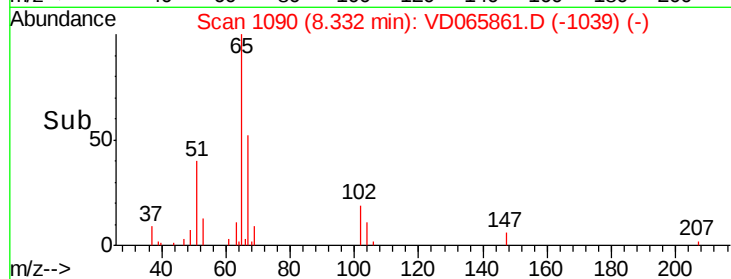
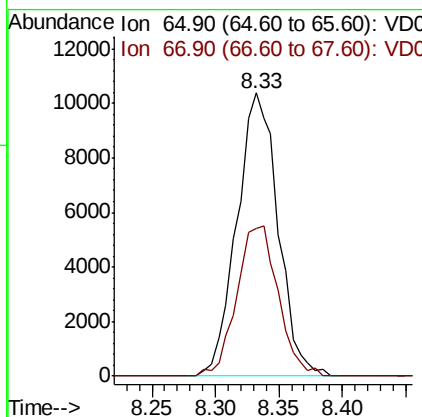
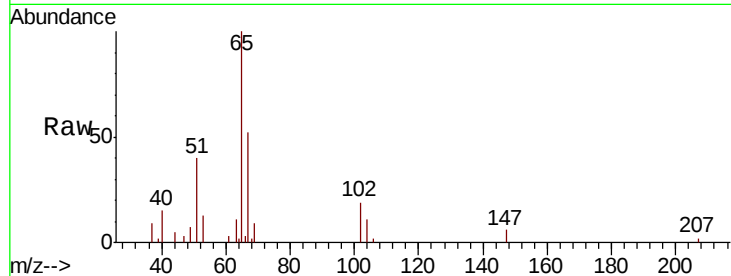




#33
 1,2-Dichloroethane-d4
 Concen: 205.160 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065861.D
 Acq: 23 Jun 2020 15:42

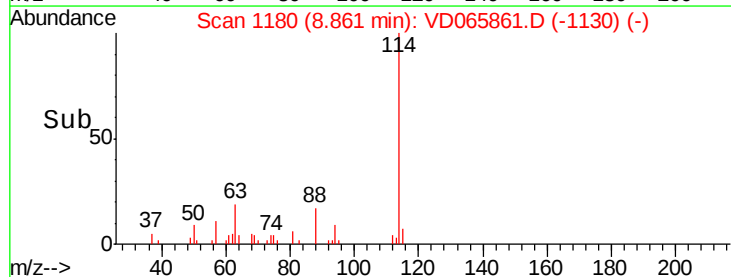
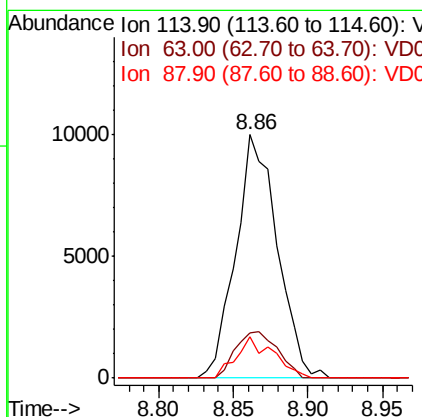
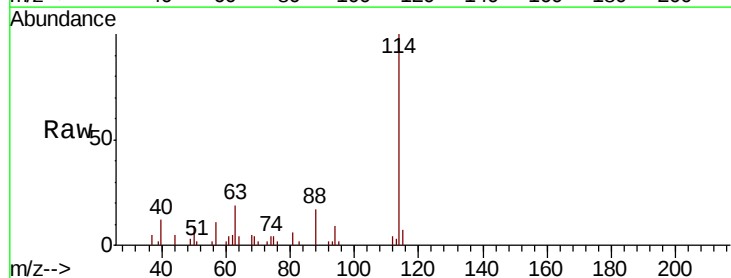
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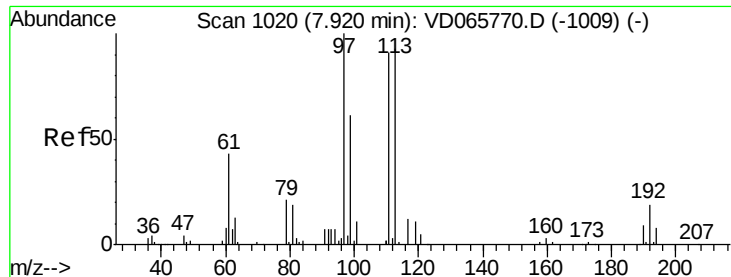
Tot Ion: 65 Resp: 23433
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065861.D
 Acq: 23 Jun 2020 15:42

Tgt Ion: 114 Resp: 19331
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.8
 88 17.1 0.0 32.0

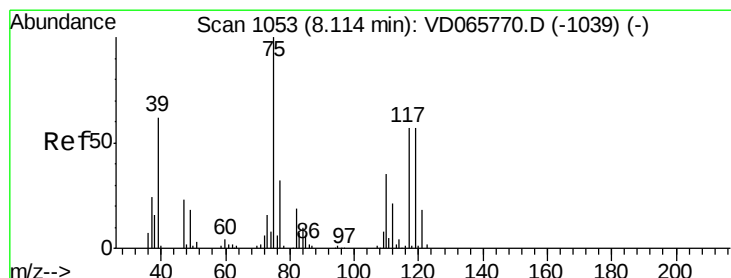
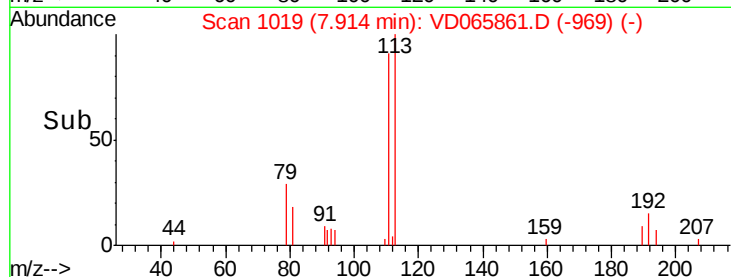
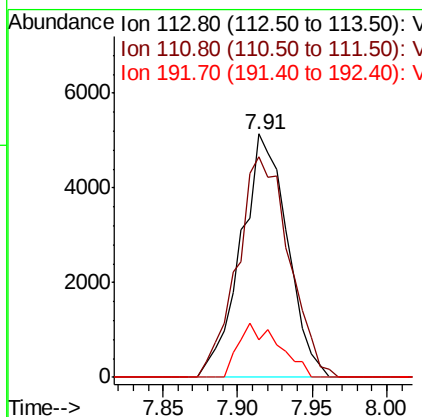
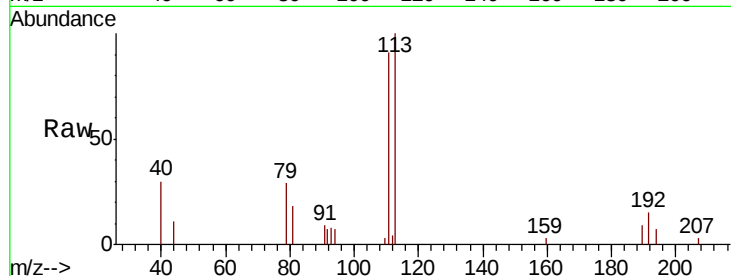




#35
 Dibromofluoromethane
 Concen: 90.716 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065861.D
 Acq: 23 Jun 2020 15:42

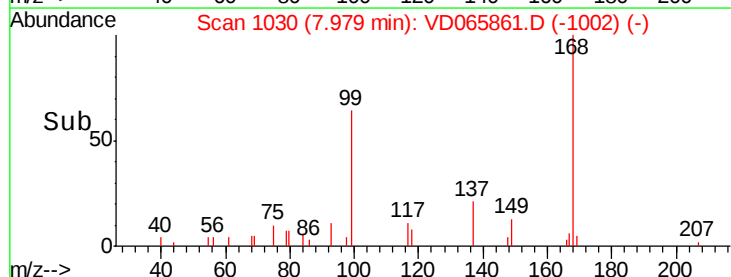
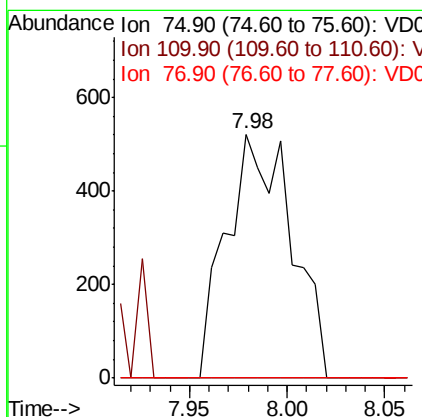
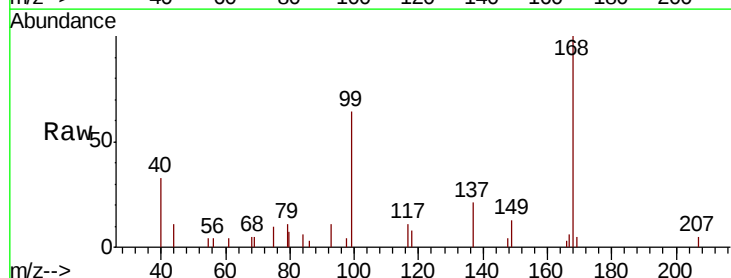
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-15

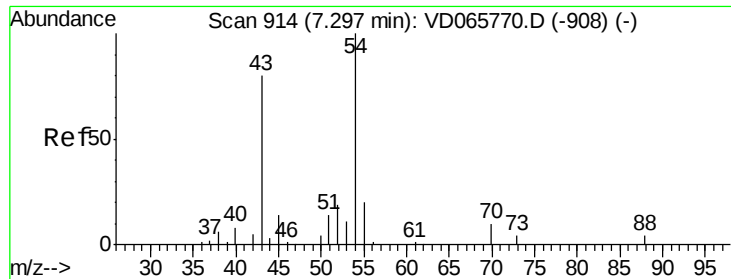
Tot Ion:113 Resp: 11077
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.4 125.0
 192 19.6 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 6.486 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065861.D
 Acq: 23 Jun 2020 15:42

Tgt Ion: 75 Resp: 1201
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.6 52.8#
 77 0.0 25.1 37.7#

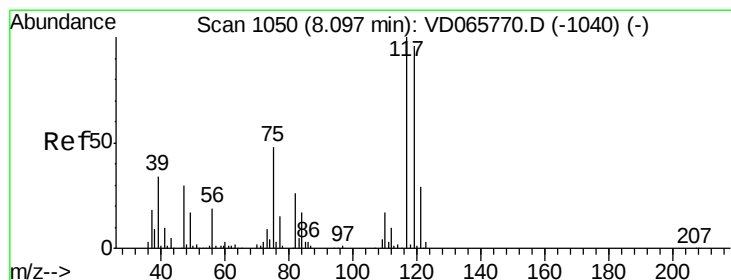
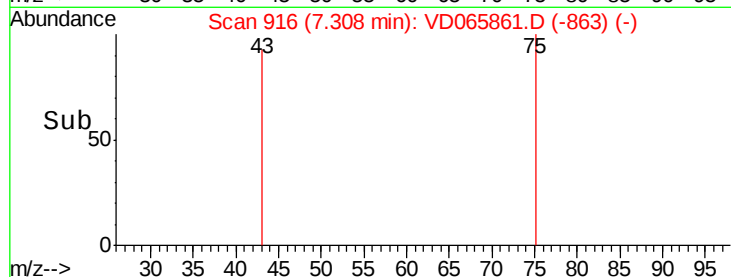
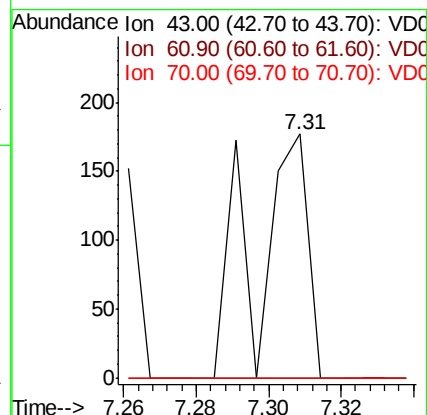
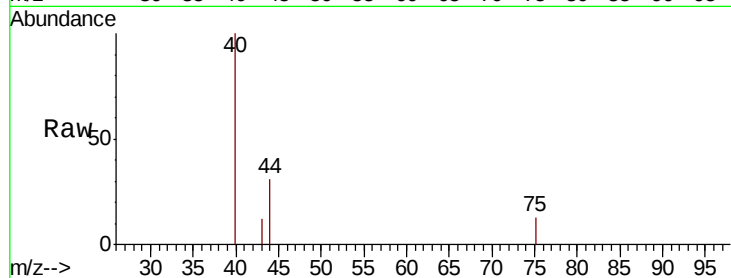




#37
Ethyl Acetate
Concen: 2.413 ug/l
RT: 7.31 min Scan# 916
Delta R.T. 0.01 min
Lab File: VD065861.D
Acq: 23 Jun 2020 15:42

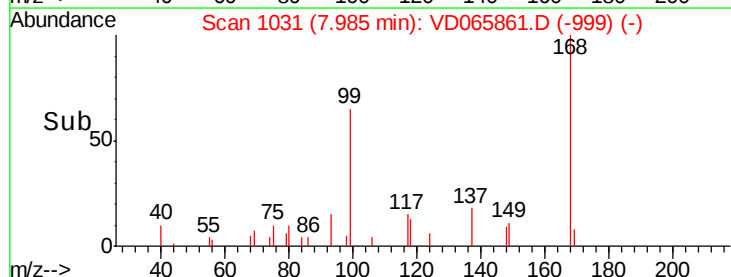
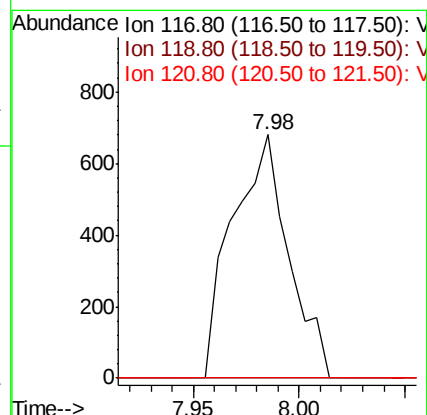
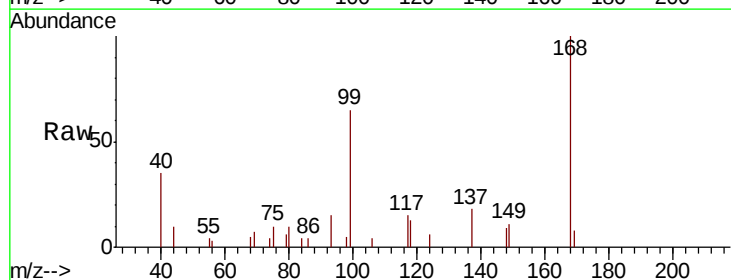
Instrument :
MSVOA_D
ClientSampleId :
SB-15

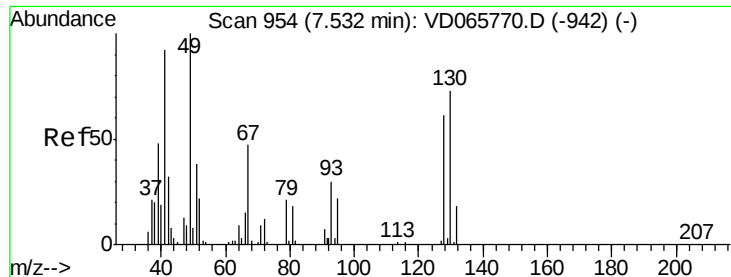
Tot Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 6.481 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065861.D
Acq: 23 Jun 2020 15:42

Tgt Ion: 117 Resp: 1263
Ion Ratio Lower Upper
117 100
119 0.0 76.8 115.2#
121 0.0 23.4 35.2#





#41

Methacrylonitrile

Concen: 3.960 ug/l

RT: 7.54 min Scan# 956

Delta R.T. 0.01 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

Instrument :

MSVOA_D

ClientSampled :

SB-15

Tot Ion: 41 Resp: 172

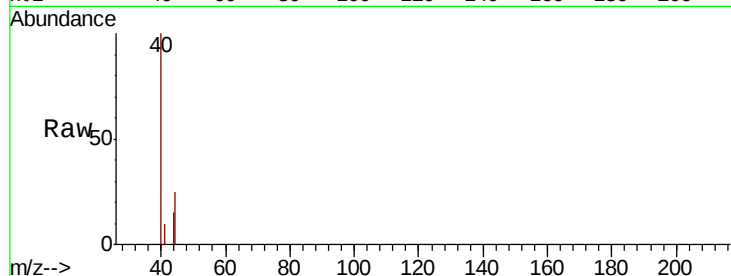
Ion Ratio Lower Upper

41 100

39 0.0 38.3 57.5#

67 0.0 49.8 74.6#

52 0.0 21.7 32.5#



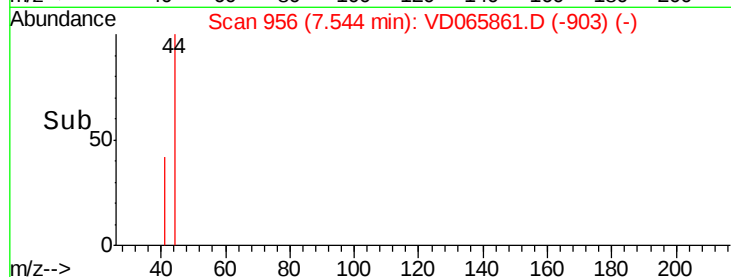
Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

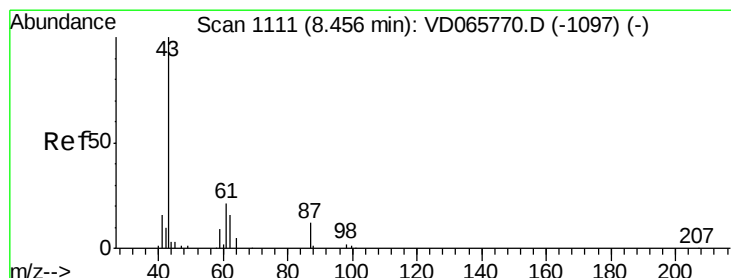
Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Time-->



Time-->



#43

Isopropyl Acetate

Concen: 1.014 ug/l

RT: 8.31 min Scan# 1086

Delta R.T. -0.15 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

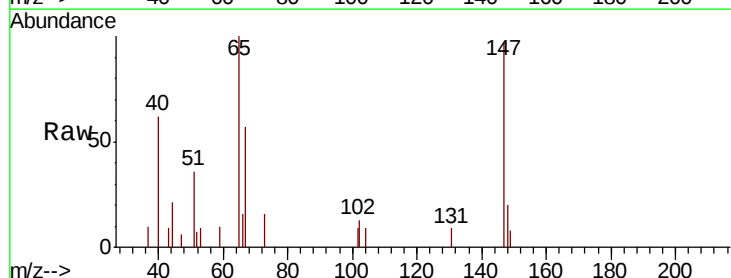
Tgt Ion: 43 Resp: 147

Ion Ratio Lower Upper

43 100

61 0.0 24.2 36.4#

87 0.0 9.5 14.3#

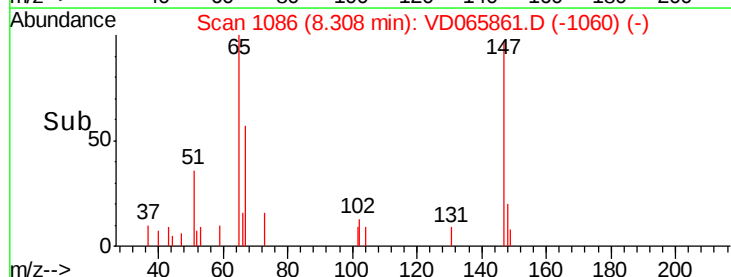


Abundance Ion 43.00 (42.70 to 43.70): VDC

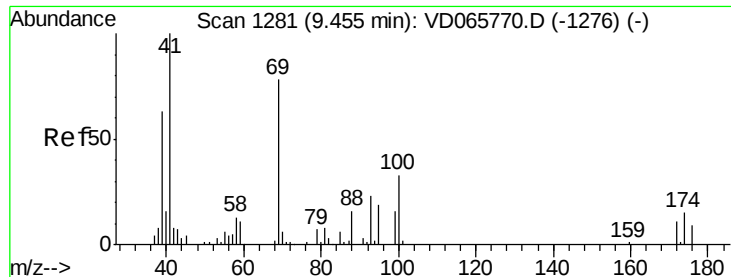
Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Time-->



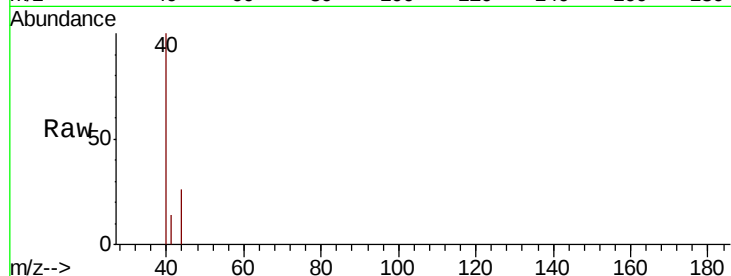
Time-->



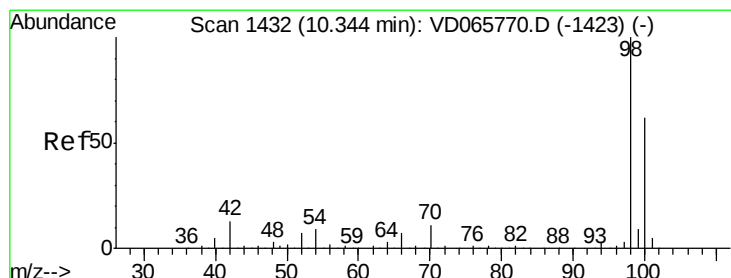
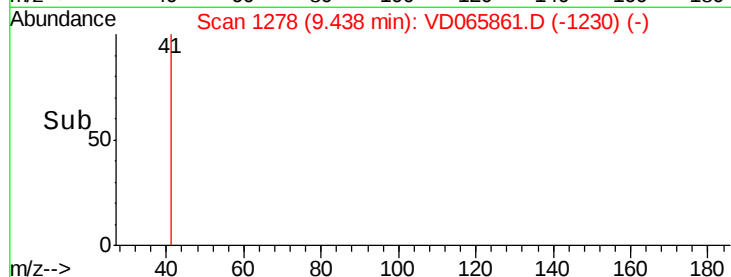
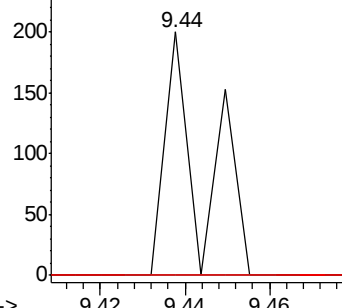
#48
Methvl methacrylate
Concen: 1.780 ug/l
RT: 9.44 min Scan# 1278
Delta R.T. -0.02 min
Lab File: VD065861.D
Acq: 23 Jun 2020 15:42

Instrument :
MSVOA_D
ClientSampled :
SB-15

Tot Ion: 41 Resp: 125
Ion Ratio Lower Upper
41 100
69 0.0 60.9 91.3#
39 0.0 48.1 72.1#

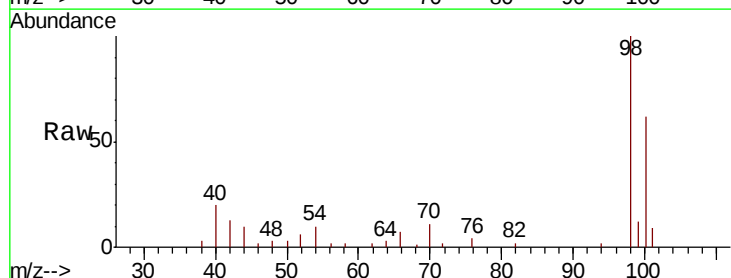


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

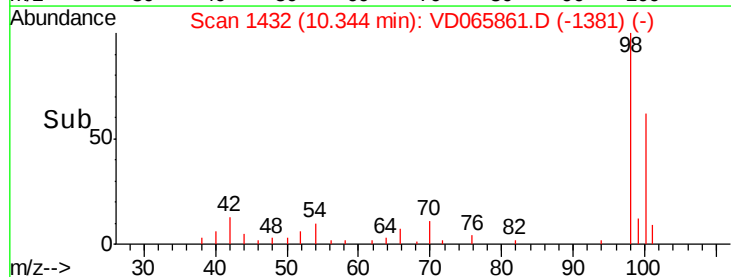
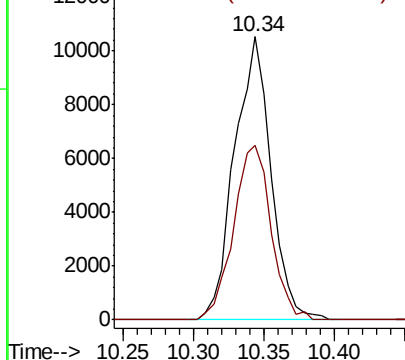


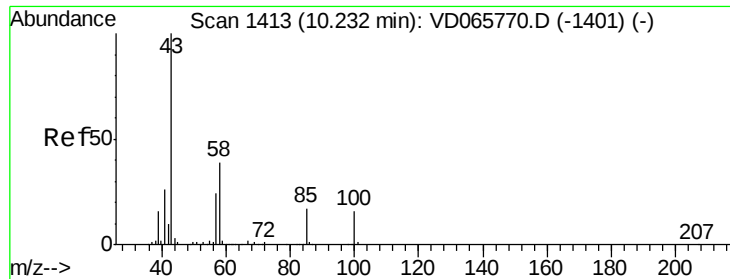
#50
Toluene-d8
Concen: 41.632 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065861.D
Acq: 23 Jun 2020 15:42

Tgt Ion: 98 Resp: 18956
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 6.585 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

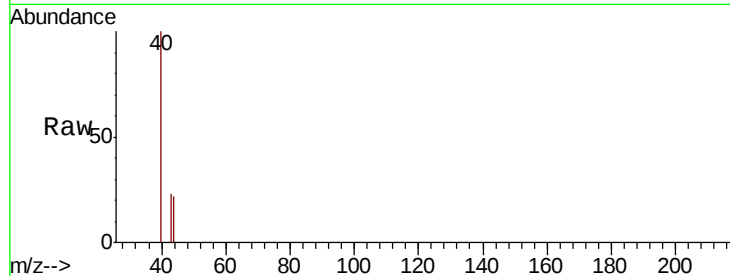
SB-15

Tot Ion: 43 Resp: 468

Ion Ratio Lower Upper

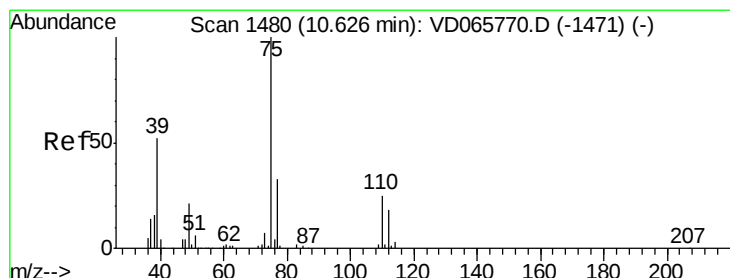
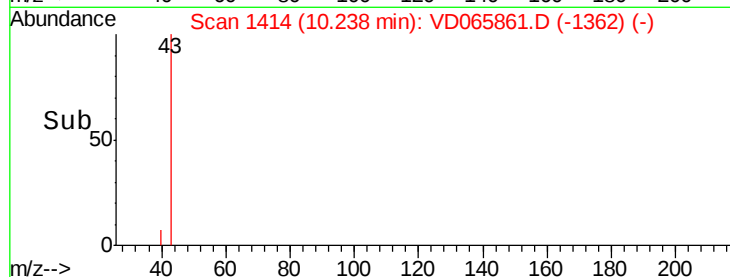
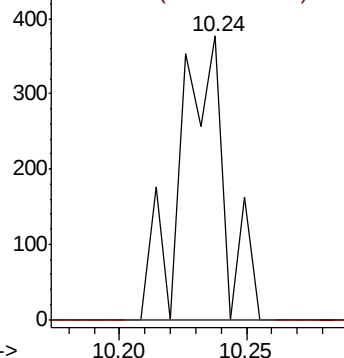
43 100

58 0.0 30.7 46.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#53

t-1,3-Dichloropropene

Concen: 3.507 ug/l

RT: 10.73 min Scan# 1497

Delta R.T. 0.10 min

Lab File: VD065861.D

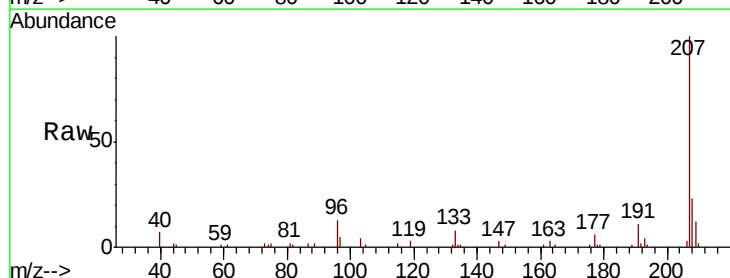
Acq: 23 Jun 2020 15:42

Tgt Ion: 75 Resp: 587

Ion Ratio Lower Upper

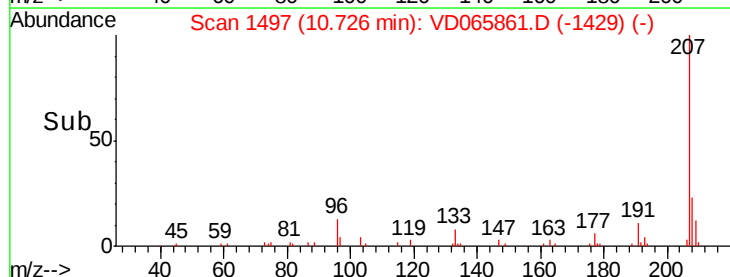
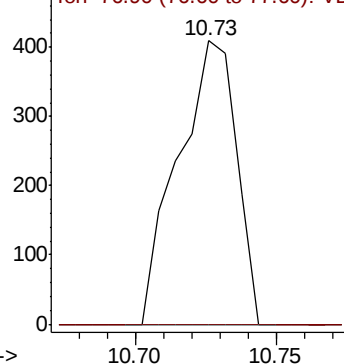
75 100

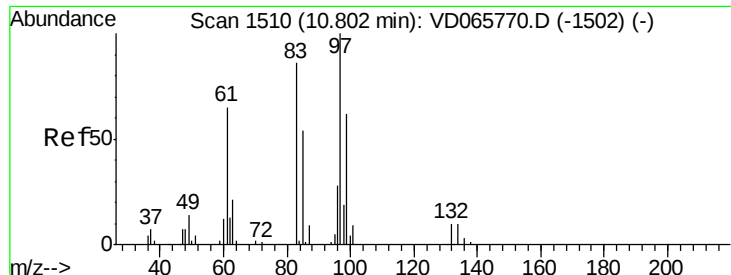
77 0.0 26.4 39.6#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC





#55

1,1,2-Trichloroethane

Concen: 13.734 ug/l

RT: 10.73 min Scan# 1498

Delta R.T. -0.07 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

SB-15

Tot Ion: 97 Resp: 1266

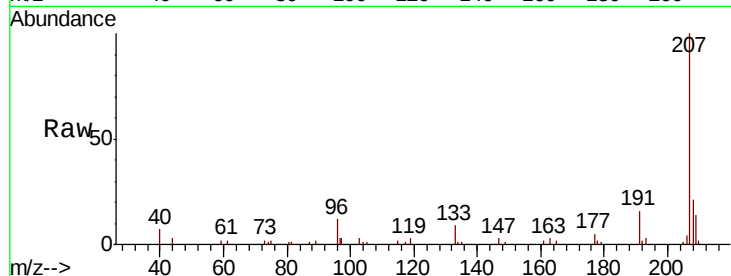
Ion Ratio Lower Upper

97 100

83 0.0 68.7 103.1#

85 0.0 43.0 64.6#

99 0.0 49.8 74.6#

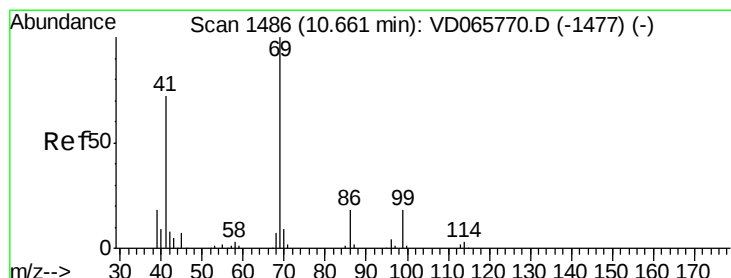
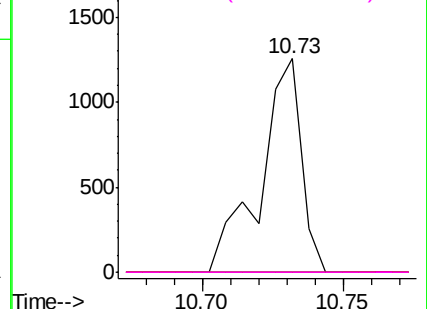
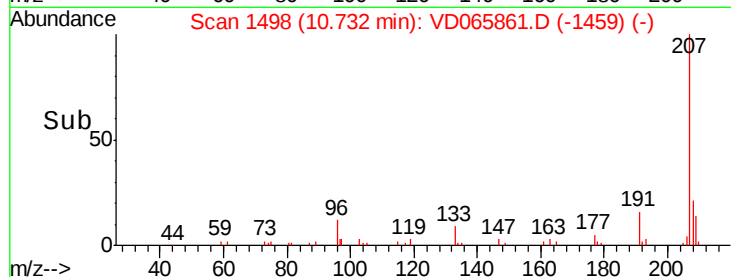


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 1.540 ug/l

RT: 10.82 min Scan# 1513

Delta R.T. 0.16 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

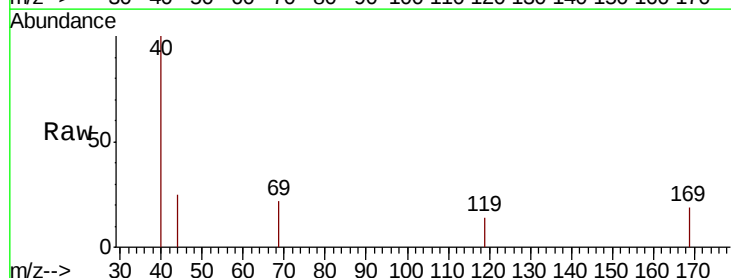
Tgt Ion: 69 Resp: 167

Ion Ratio Lower Upper

69 100

41 0.0 56.9 85.3#

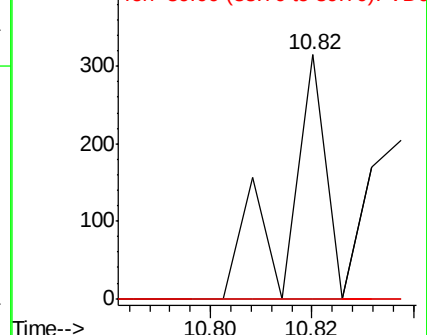
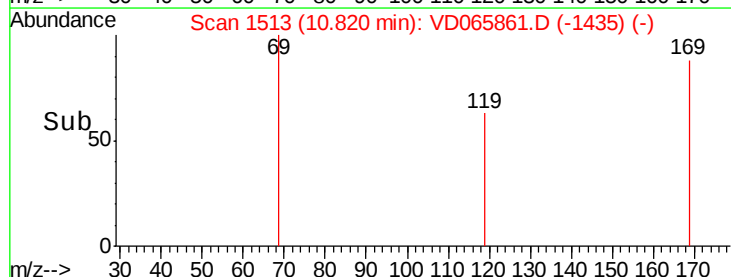
39 0.0 36.0 54.0#

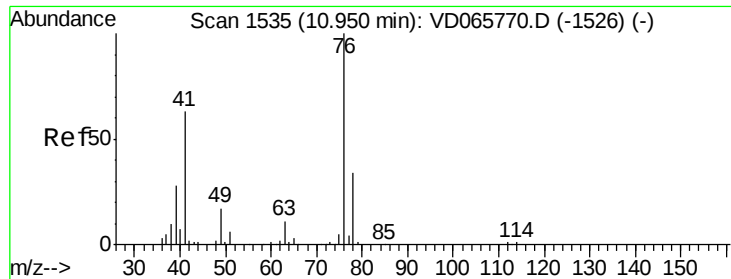


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 2.085 ug/l

RT: 11.09 min Scan# 1559

Delta R.T. 0.14 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

Instrument :

MSVOA_D

ClientSampled :

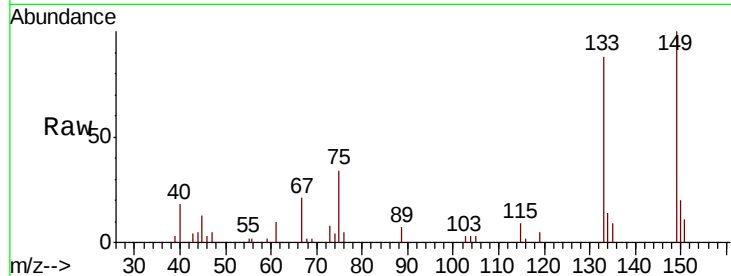
SB-15

Tot Ion: 76 Resp: 333

Ion Ratio Lower Upper

76 100

78 0.0 26.3 39.5#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

11.09

400

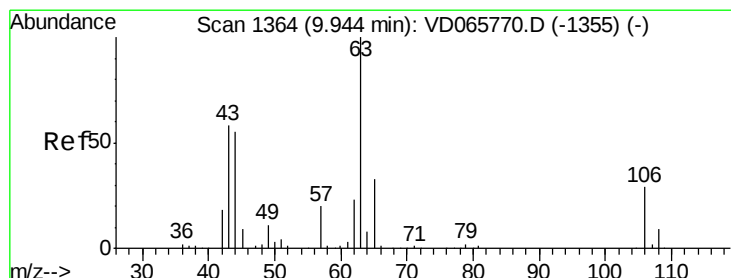
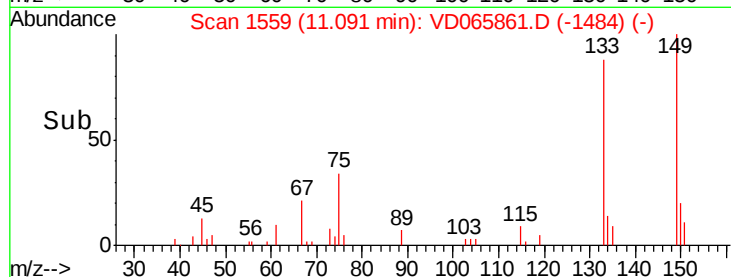
300

200

100

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 1.746 ug/l

RT: 9.96 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VD065861.D

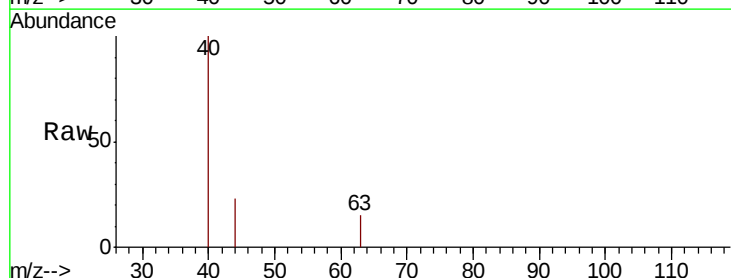
Acq: 23 Jun 2020 15:42

Tgt Ion: 63 Resp: 88

Ion Ratio Lower Upper

63 100

106 0.0 23.2 34.8#



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.96

250

200

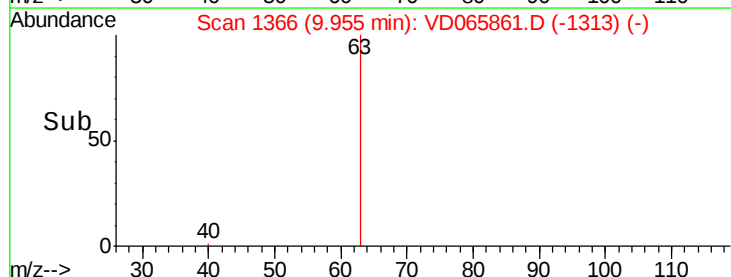
150

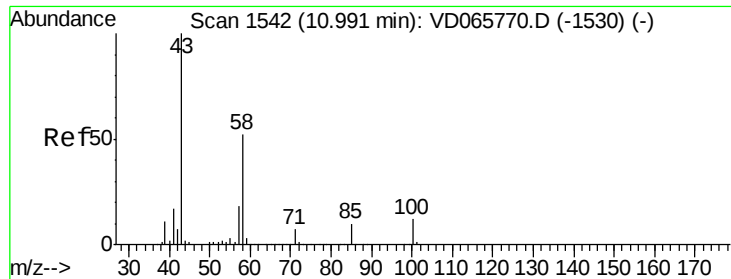
100

50

0

Time-->





#59

2-Hexanone

Concen: 4.529 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

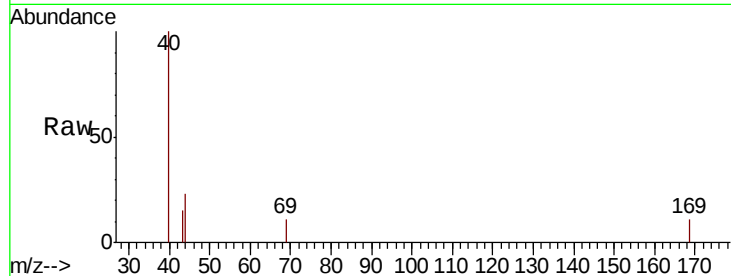
SB-15

Tot Ion: 43 Resp: 217

Ion Ratio Lower Upper

43 100

58 0.0 25.7 77.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.99

250

200

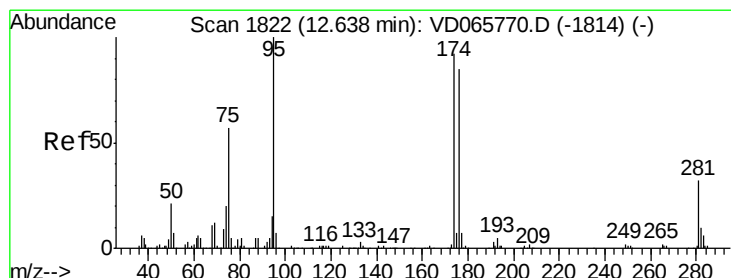
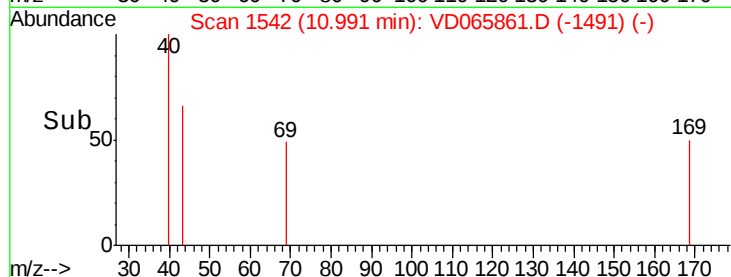
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.497 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

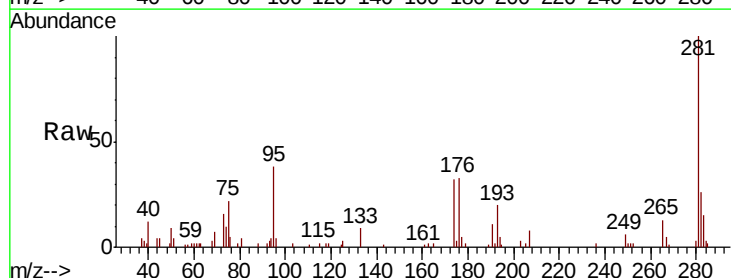
Tgt Ion: 95 Resp: 7643

Ion Ratio Lower Upper

95 100

174 76.1 0.0 175.2

176 79.1 0.0 163.0



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

6000

5000

4000

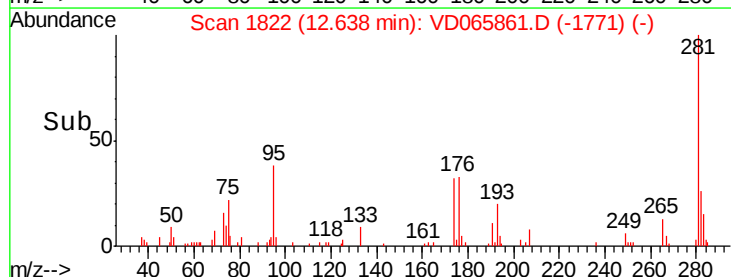
3000

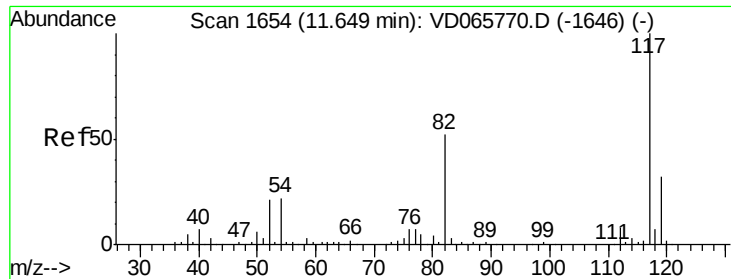
2000

1000

0

Time-->

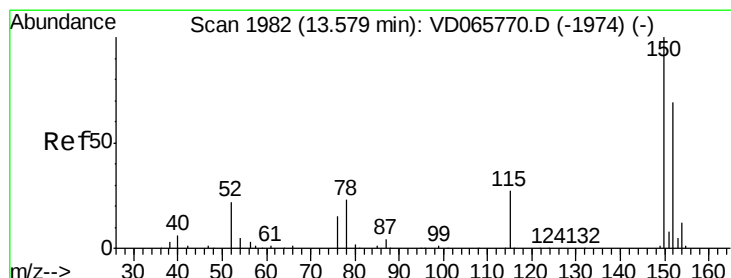
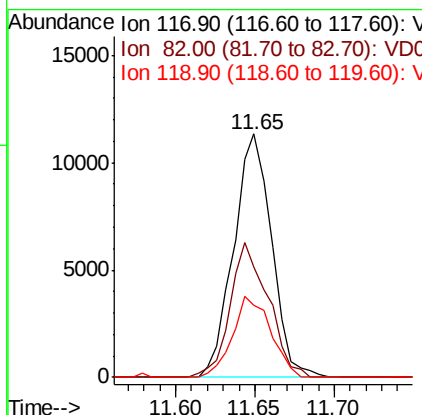
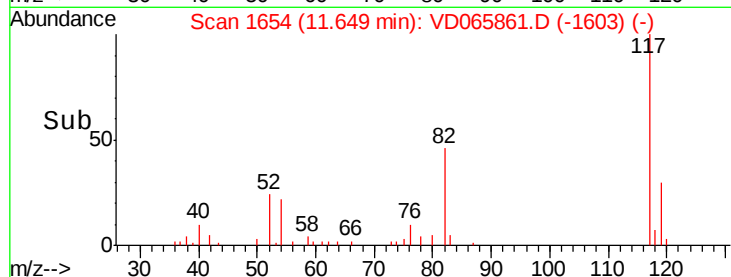
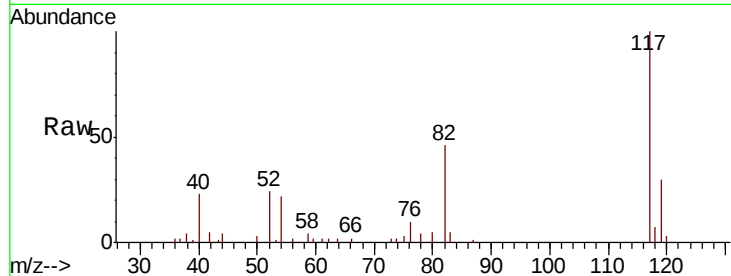




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065861.D
Acq: 23 Jun 2020 15:42

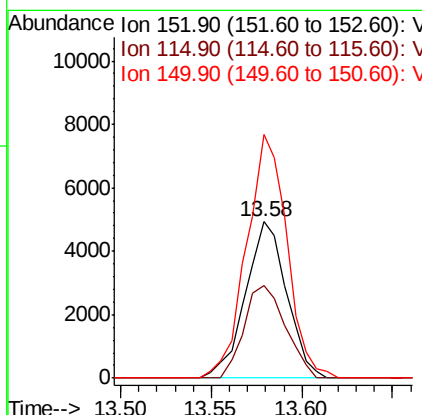
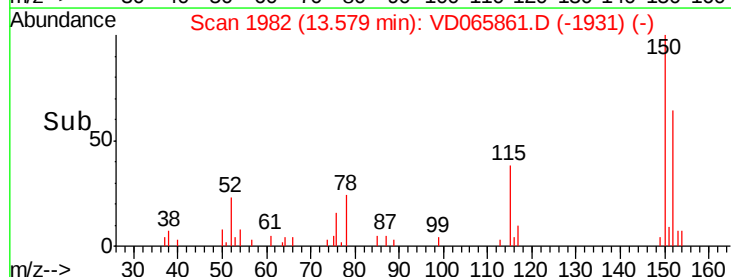
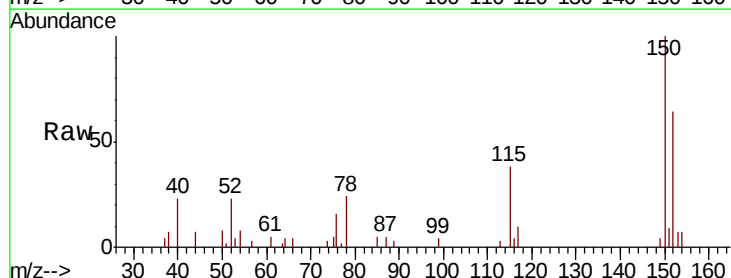
Instrument :
MSVOA_D
ClientSampleId :
SB-15

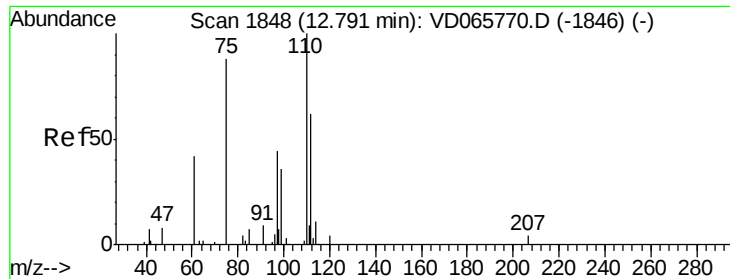
Tot Ion:117 Resp: 18843
Ion Ratio Lower Upper
117 100
82 45.6 41.9 62.9
119 29.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065861.D
Acq: 23 Jun 2020 15:42

Tgt Ion:152 Resp: 7810
Ion Ratio Lower Upper
152 100
115 59.2 28.7 86.1
150 152.2 0.0 348.0





#76

1,2,3-Trichloropropane

Concen: 74.614 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

Instrument :

MSVOA_D

ClientSampleId :

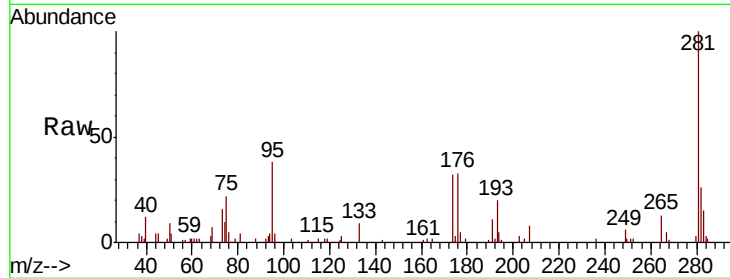
SB-15

Tot Ion: 75 Resp: 4532

Ion Ratio Lower Upper

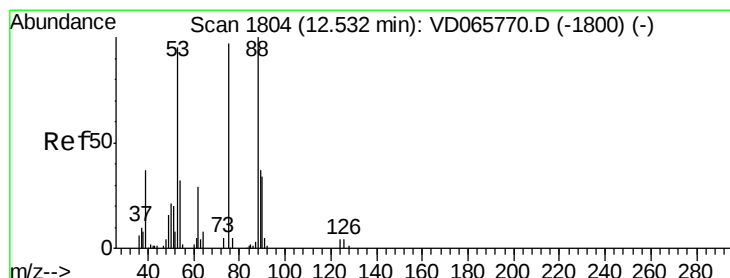
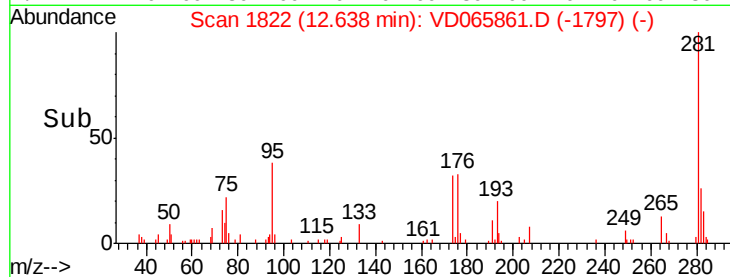
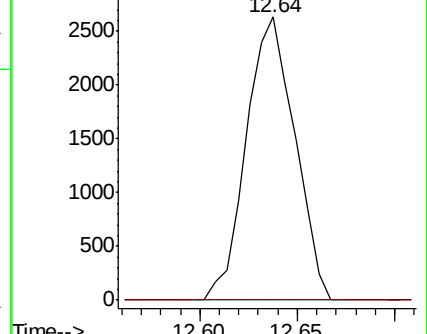
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 161.212 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065861.D

Acq: 23 Jun 2020 15:42

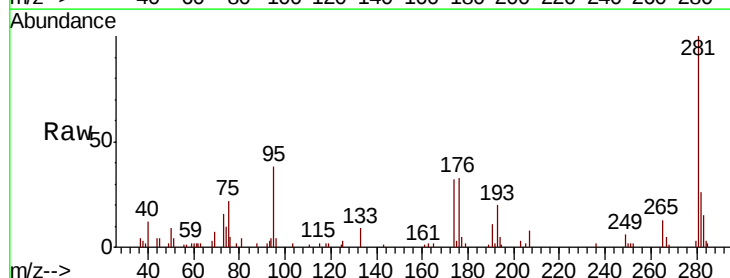
Tgt Ion: 75 Resp: 4532

Ion Ratio Lower Upper

75 100

53 0.0 82.6 123.8#

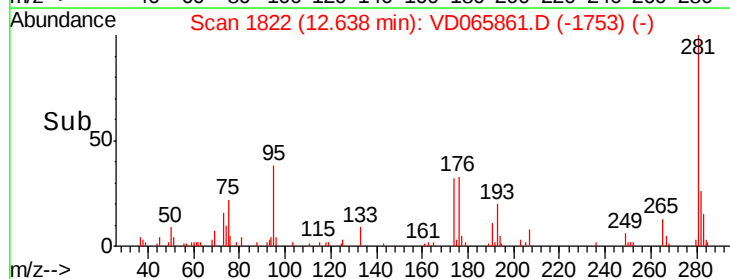
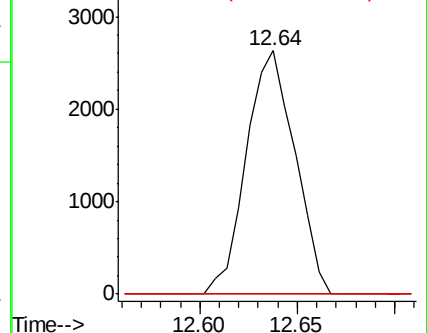
89 0.0 35.9 53.9#

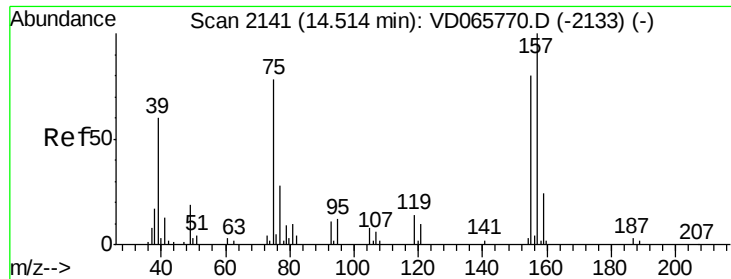


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

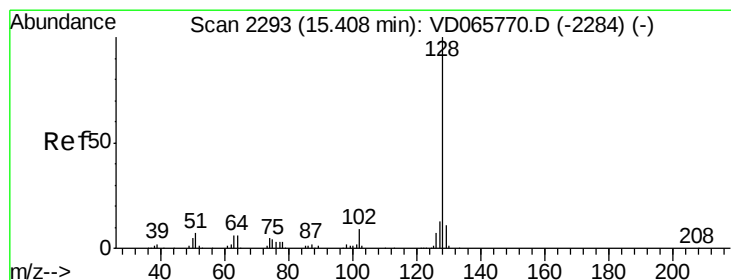
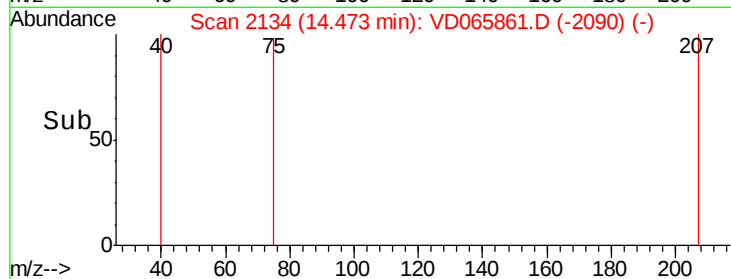
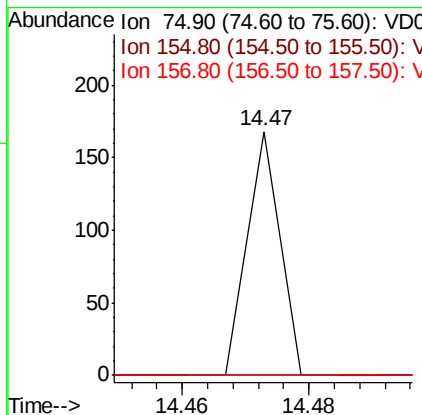
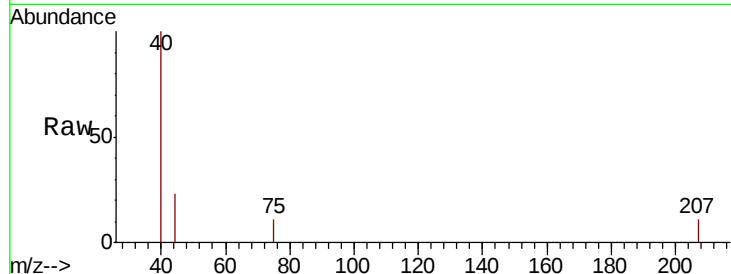




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.009 ug/l
 RT: 14.47 min Scan# 2134
 Delta R.T. -0.04 min
 Lab File: VD065861.D
 Acq: 23 Jun 2020 15:42

Instrument :
 MSVOA_D
 ClientSampled :
 SB-15

Tot Ion: 75 Resp: 59
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.3 138.9#
 157 0.0 58.1 174.3#



#95
 Naphthalene
 Concen: 20.514 ug/l
 RT: 15.40 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: VD065861.D
 Acq: 23 Jun 2020 15:42

Tgt Ion: 128 Resp: 4967
 Ion Ratio Lower Upper
 128 100
 127 16.7 10.7 16.1#
 129 9.4 8.6 12.8

