

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065862.D
 Acq On : 23 Jun 2020 16:09
 Operator : VA/SY
 Sample : L3082-15
 Misc : 5.35G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16

Quant Time: Jun 24 04:44:06 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	7.99	168	7609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	12508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	10625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	3765	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	20039	266.52	ug/l	0.00
Spiked Amount			Recovery	=	533.04%	
35) Dibromofluoromethane	7.91	113	9228	116.80	ug/l	0.00
Spiked Amount			Recovery	=	233.60%	
50) Toluene-d8	10.34	98	12744	43.26	ug/l	0.00
Spiked Amount			Recovery	=	86.52%	
62) 4-Bromofluorobenzene	12.64	95	4568	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	325	Below Cal	#	43
11) Tert butyl alcohol	5.17	59	2563	667.588	ug/l #	74
12) 1,1-Dichloroethene	4.09	96	89	1.288	ug/l #	1
14) Allyl chloride	4.69	41	186	1.628	ug/l #	20
15) Acrylonitrile	5.41	53	64	4.214	ug/l #	17
16) Acetone	4.16	43	6022	424.601	ug/l #	72
18) Methyl Acetate	4.71	43	65	Below Cal	#	52
20) Methylene Chloride	4.97	84	5357	73.186	ug/l #	91
25) 2-Butanone	7.20	43	1905	97.258	ug/l #	52
26) 2,2-Dichloropropane	7.19	77	1808	14.497	ug/l #	54
28) Bromochloromethane	7.69	49	57	1.049	ug/l #	15
29) Tetrahydrofuran	7.56	42	298	24.072	ug/l #	34
31) Cyclohexane	7.98	56	149	1.105	ug/l #	67
36) 1,1-Dichloropropene	7.99	75	348	2.904	ug/l #	41
37) Ethyl Acetate	7.31	43	65	1.377	ug/l #	70
38) Carbon Tetrachloride	7.97	117	701	5.559	ug/l #	12
41) Methacrylonitrile	7.57	41	172	6.121	ug/l #	46
43) Isopropyl Acetate	8.29	43	173	1.843	ug/l #	51
48) Methyl methacrylate	9.44	41	79	1.739	ug/l #	15
51) 4-Methyl-2-Pentanone	10.23	43	686	14.917	ug/l #	50
52) Toluene	10.40	92	233	1.095	ug/l	94
53) t-1,3-Dichloropropene	10.71	75	834	7.700	ug/l #	42
55) 1,1,2-Trichloroethane	10.74	97	216	3.622	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.96	63	179	5.488	ug/l #	46
59) 2-Hexanone	11.08	43	535	17.256	ug/l #	26
64) Tetrachloroethene	10.73	164	325	4.524	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	2770	94.601	ug/l #	100
78) n-propylbenzene	12.83	91	448	1.474	ug/l #	53
80) 1,3,5-Trimethylbenzene	12.97	105	370	1.761	ug/l #	27
81) trans-1,4-Dichloro-2-buten	12.63	75	2770	204.397	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.28	105	474	2.254	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	14.23	75	57	8.034	ug/l #	1
95) Naphthalene	15.42	128	792	6.785	ug/l #	69

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QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

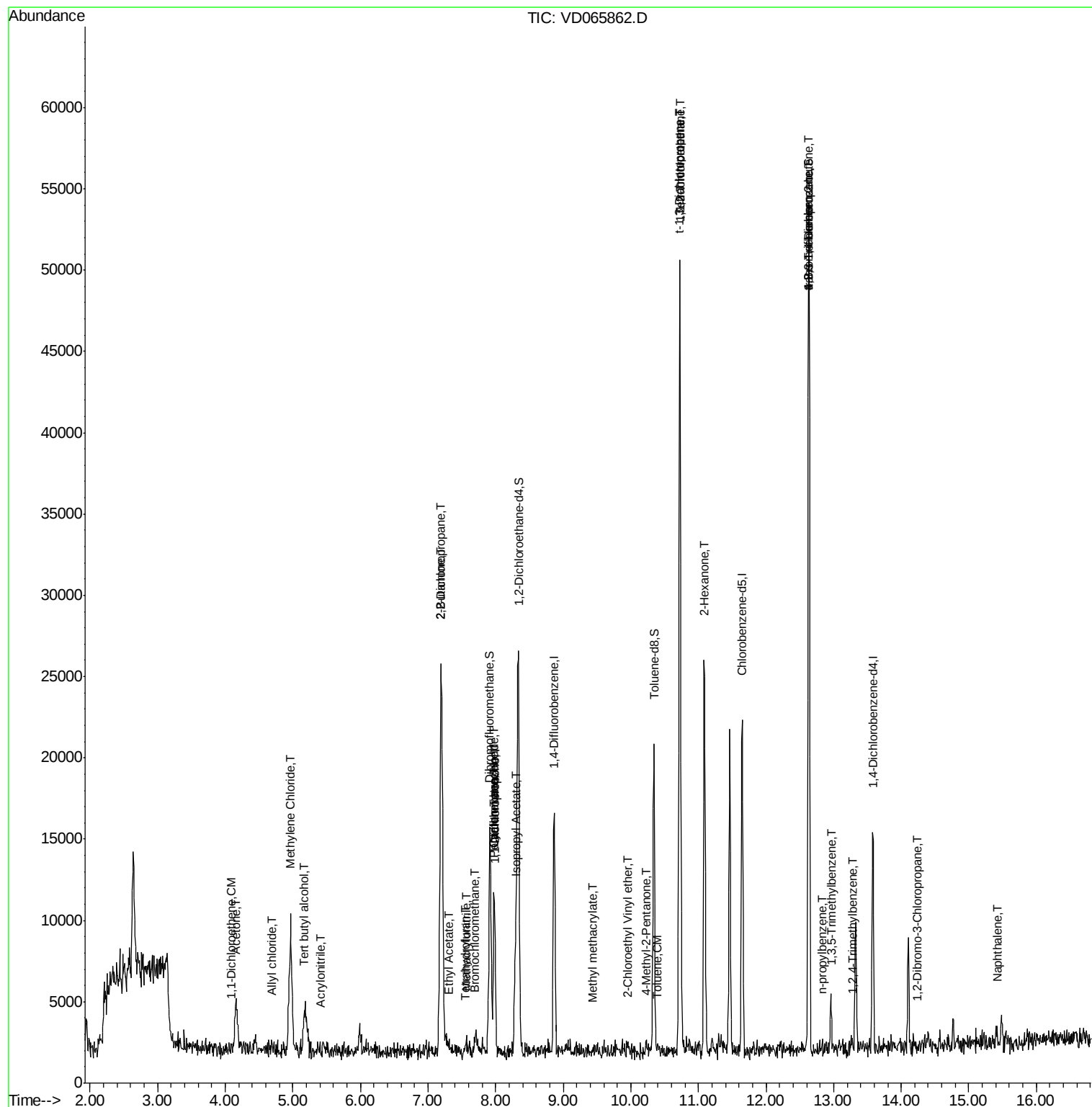
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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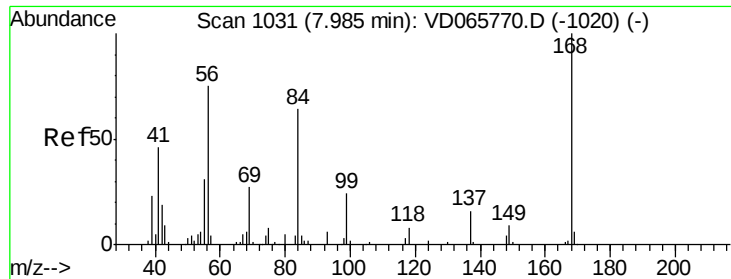
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Instrument :

MSVOA_D

ClientSampled :

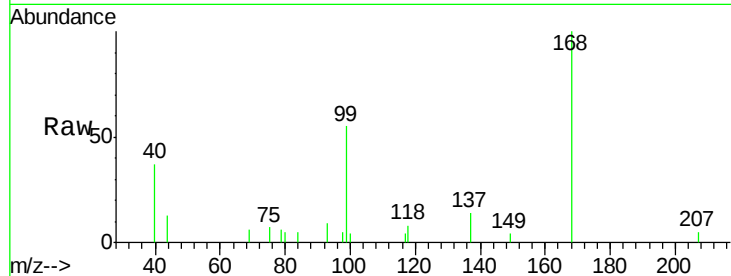
SB-16

Tot Ion:168 Resp: 7609

Ion Ratio Lower Upper

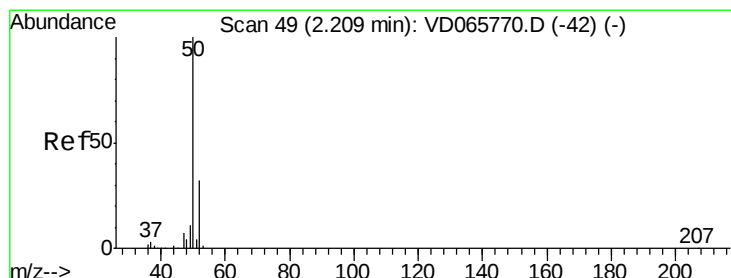
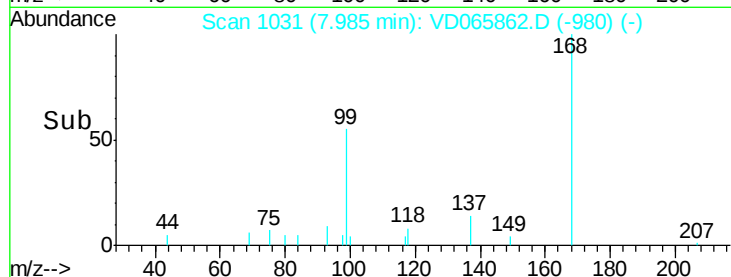
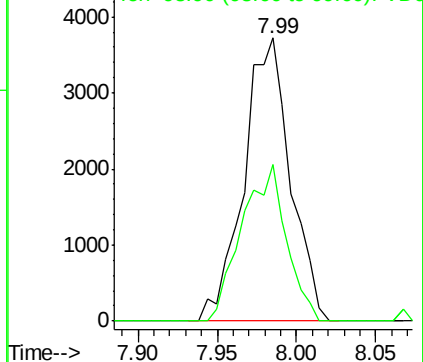
168 100

99 55.2 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065862.D

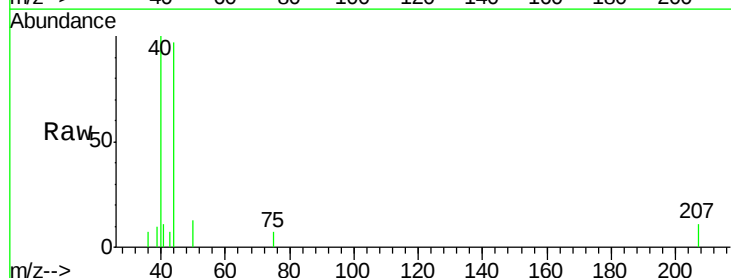
Acq: 23 Jun 2020 16:09

Tgt Ion: 50 Resp: 325

Ion Ratio Lower Upper

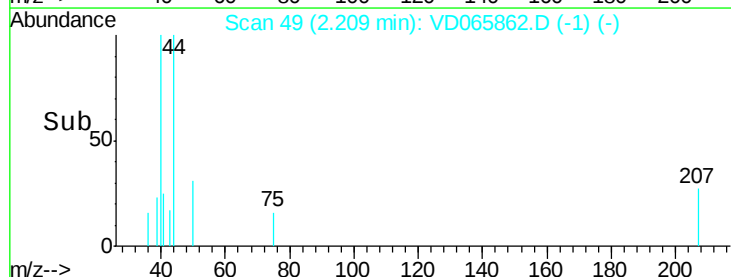
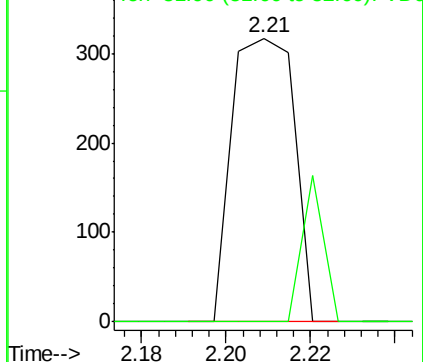
50 100

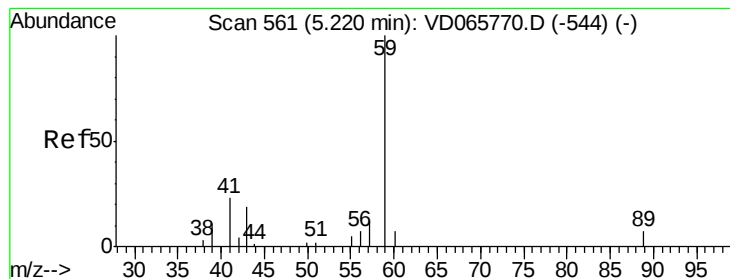
52 0.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#11

Tert butyl alcohol

Concen: 667.588 ug/l

RT: 5.17 min Scan# 552

Delta R.T. -0.05 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Instrument :

MSVOA_D

ClientSampled :

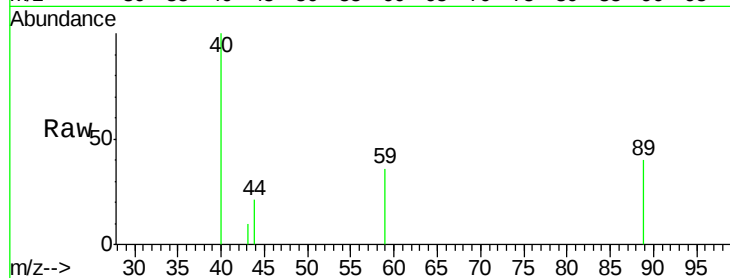
SB-16

Tot Ion: 59 Resp: 2563

Ion Ratio Lower Upper

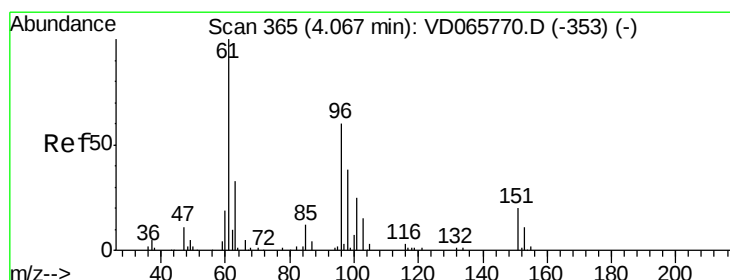
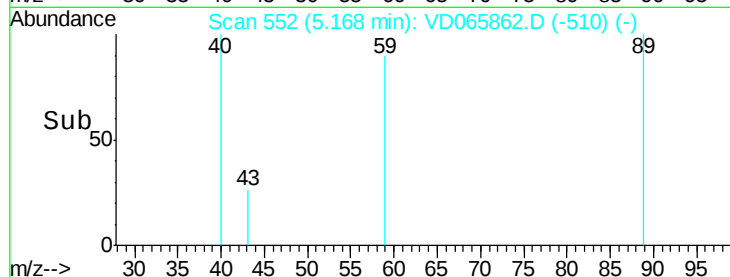
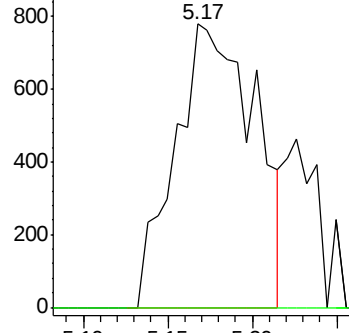
59 100

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



#12

1,1-Dichloroethene

Concen: 1.288 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.02 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

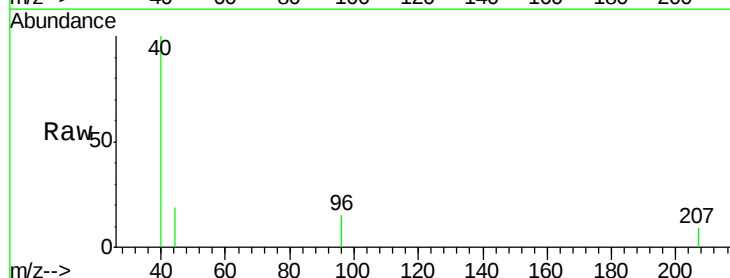
Tgt Ion: 96 Resp: 89

Ion Ratio Lower Upper

96 100

61 0.0 132.3 198.5#

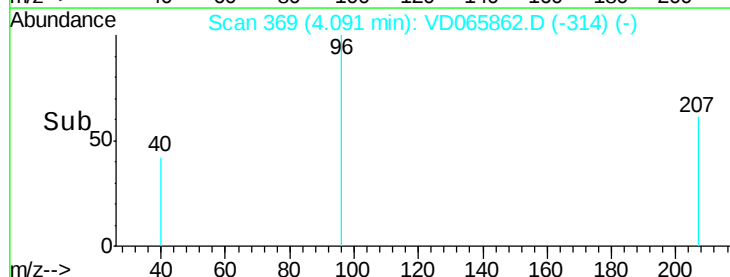
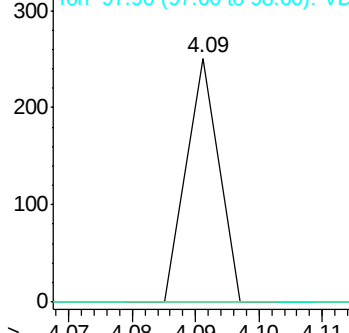
98 0.0 50.7 76.1#

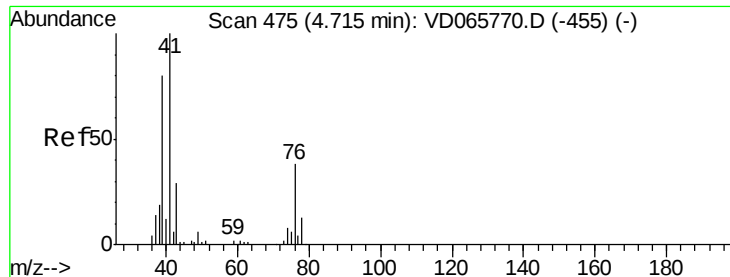


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#14

Allvl chloride

Concen: 1.628 ug/l

RT: 4.69 min Scan# 470

Delta R.T. -0.03 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

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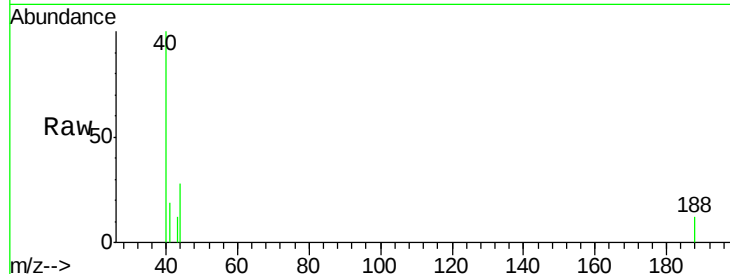
Tot Ion: 41 Resp: 186

Ion Ratio Lower Upper

41 100

39 0.0 60.9 91.3#

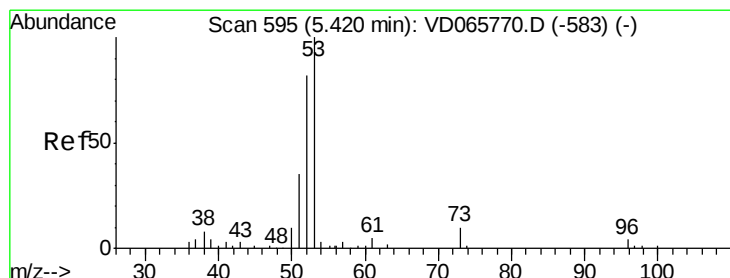
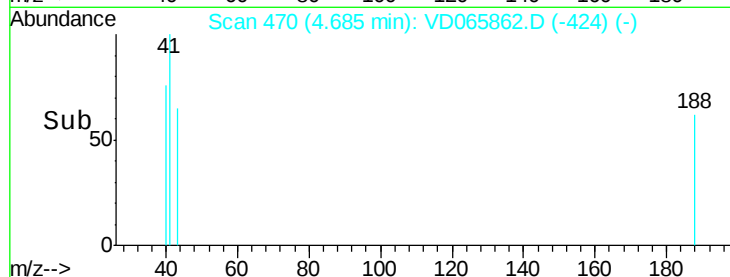
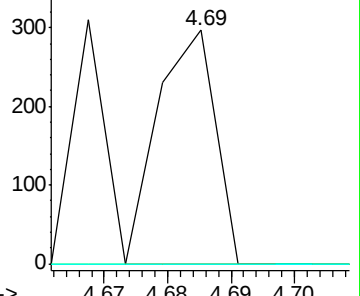
76 0.0 28.9 43.3#



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC



#15

Acrylonitrile

Concen: 4.214 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

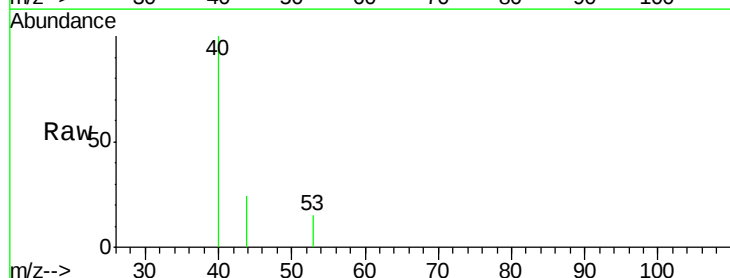
Tgt Ion: 53 Resp: 64

Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.2#

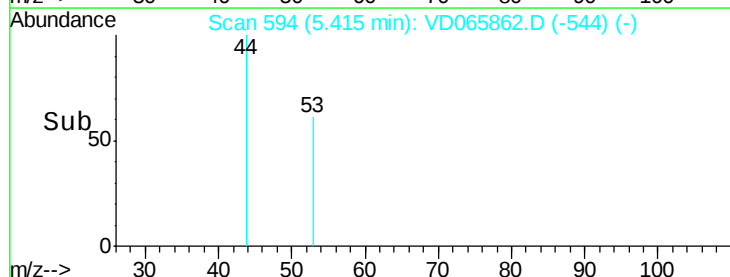
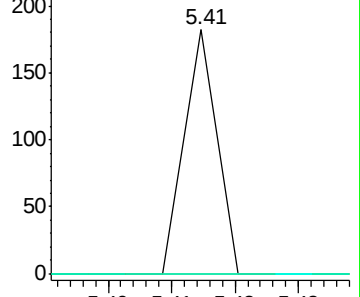
51 0.0 30.7 46.1#

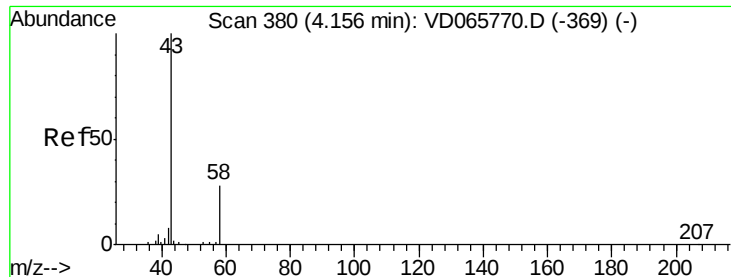


Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC





#16

Acetone

Concen: 424.601 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

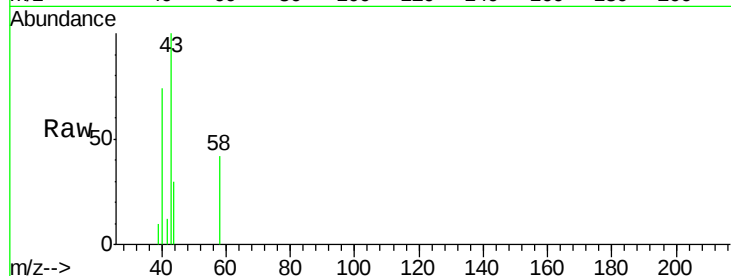
SB-16

Tot Ion: 43 Resp: 6022

Ion Ratio Lower Upper

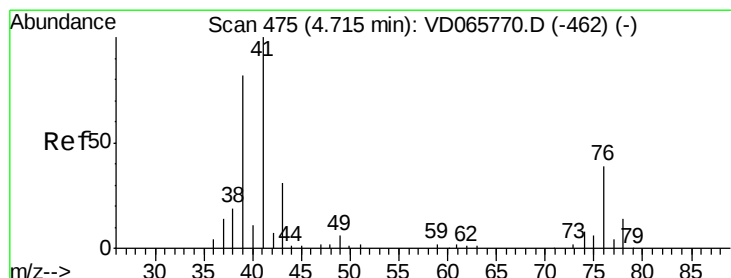
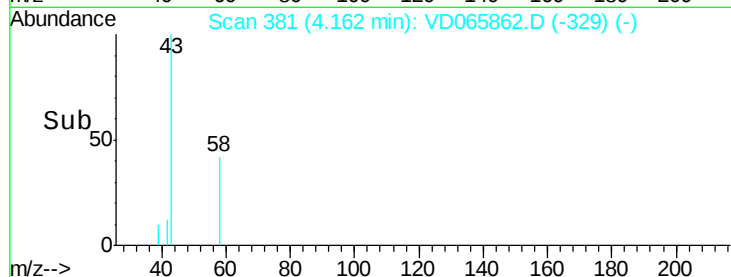
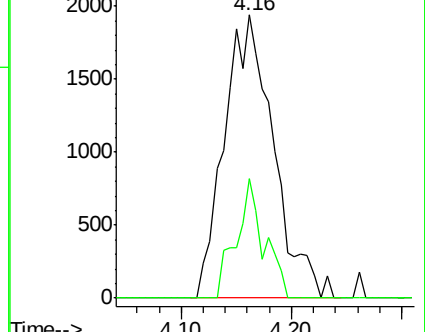
43 100

58 42.4 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#18

Methyl Acetate

Concen: Below Cal

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065862.D

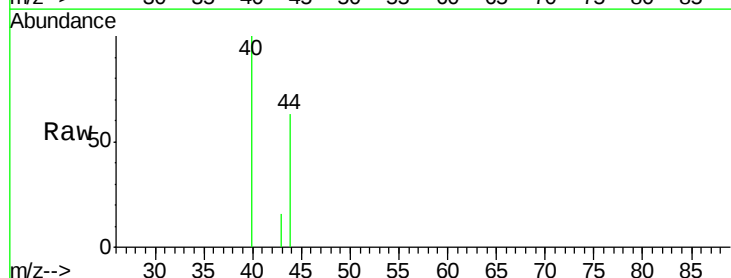
Acq: 23 Jun 2020 16:09

Tgt Ion: 43 Resp: 65

Ion Ratio Lower Upper

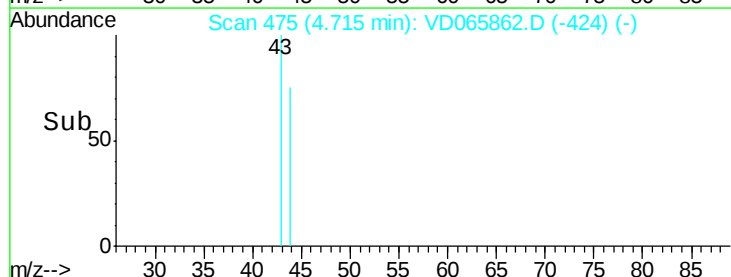
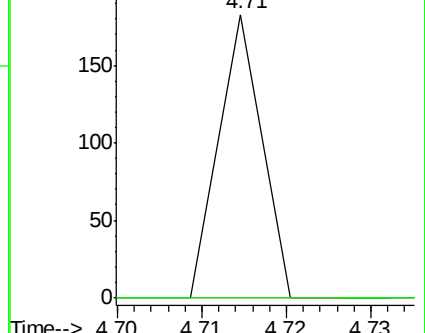
43 100

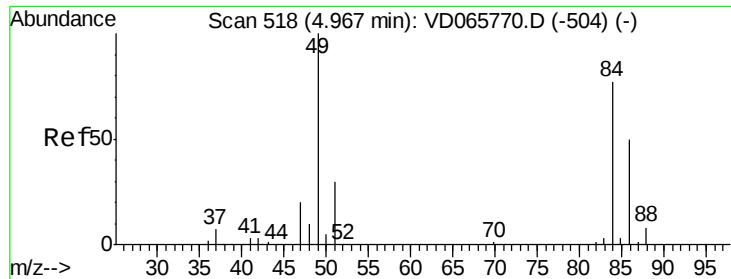
74 0.0 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

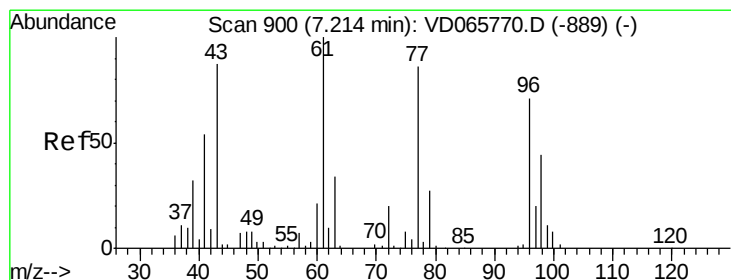
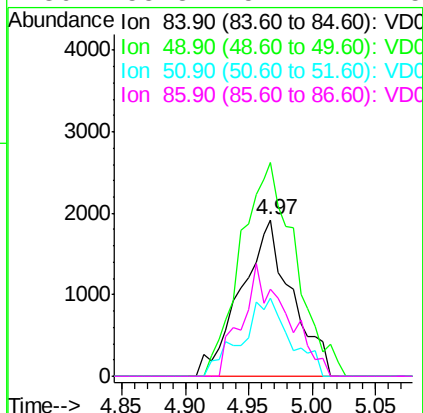
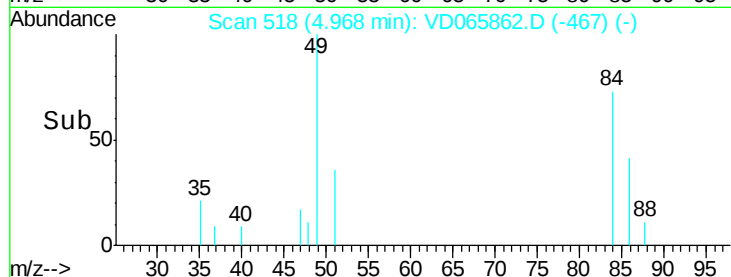
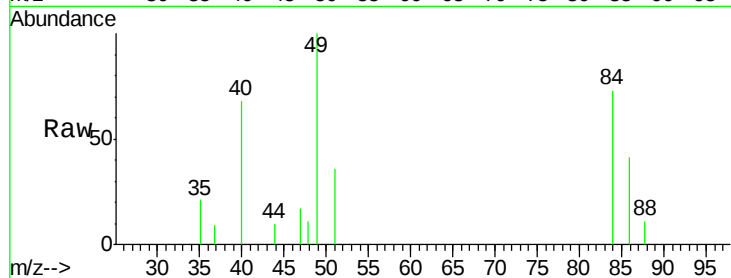




#20
Methvlene Chloride
Concen: 73.186 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065862.D
Acq: 23 Jun 2020 16:09

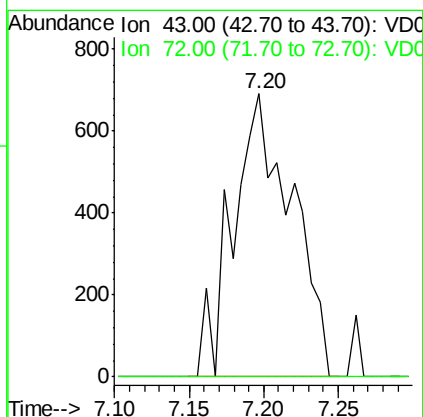
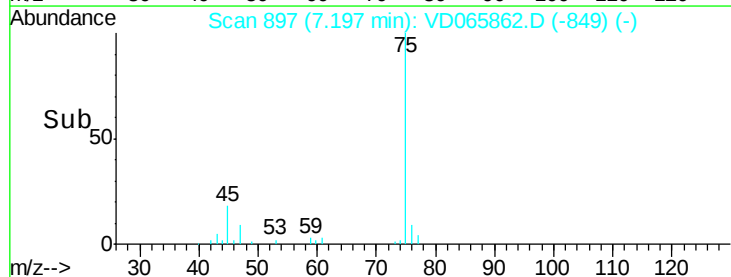
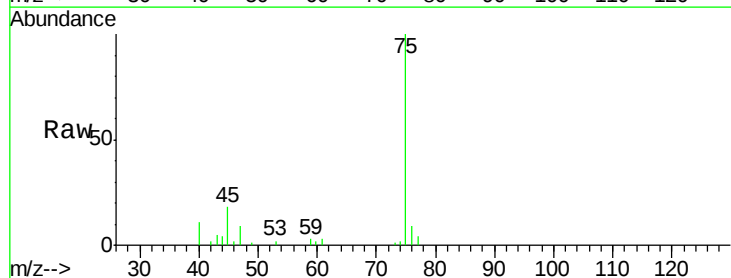
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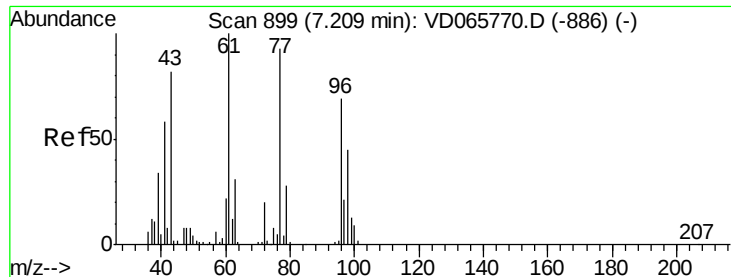
Tot Ion: 84 Resp: 5357
Ion Ratio Lower Upper
84 100
49 136.6 103.4 155.0
51 49.6 31.4 47.2#
86 55.8 51.7 77.5



#25
2-Butanone
Concen: 97.258 ug/l
RT: 7.20 min Scan# 897
Delta R.T. -0.02 min
Lab File: VD065862.D
Acq: 23 Jun 2020 16:09

Tgt Ion: 43 Resp: 1905
Ion Ratio Lower Upper
43 100
72 0.0 18.5 27.7#





#26

2,2-Dichloropropane

Concen: 14.497 ug/l

RT: 7.19 min Scan# 896

Delta R.T. -0.02 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

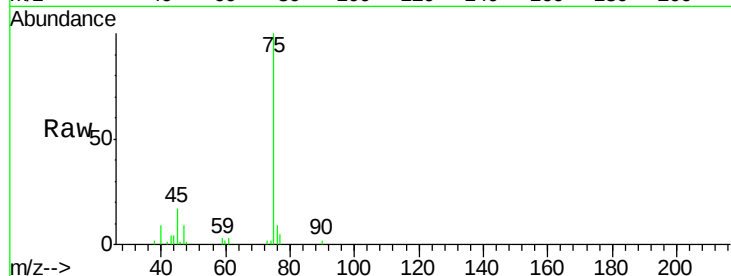
SB-16

Tot Ion: 77 Resp: 1808

Ion Ratio Lower Upper

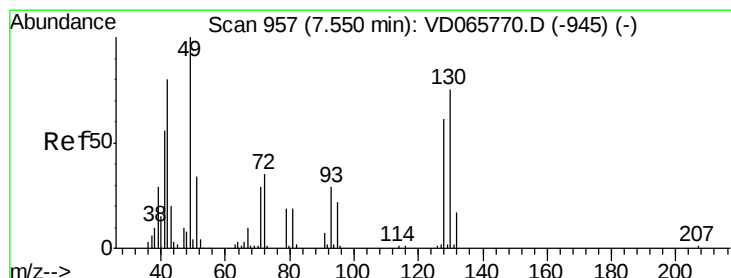
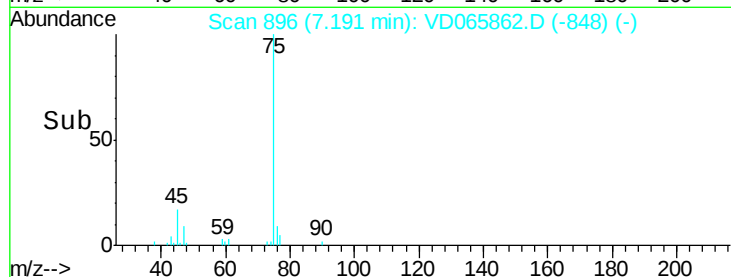
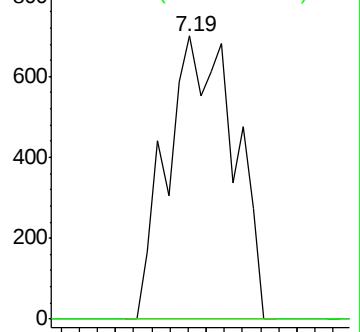
77 100

97 0.0 10.9 32.7#



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



#28

Bromochloromethane

Concen: 1.049 ug/l

RT: 7.69 min Scan# 980

Delta R.T. 0.14 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

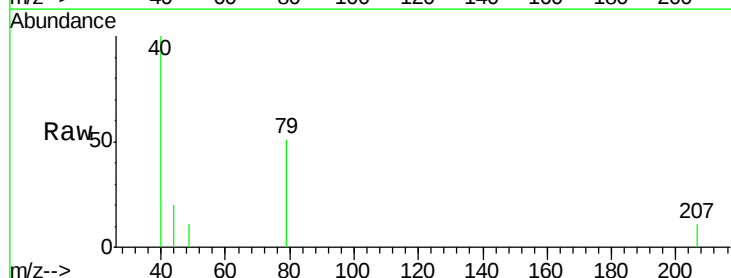
Tgt Ion: 49 Resp: 57

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

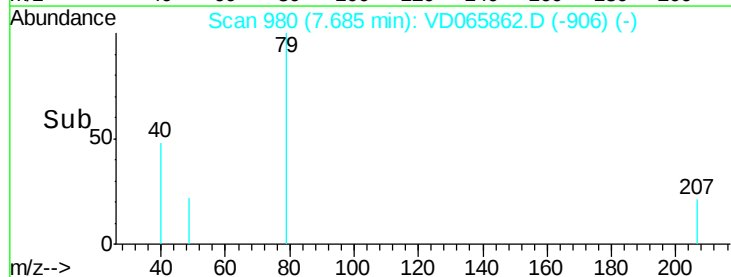
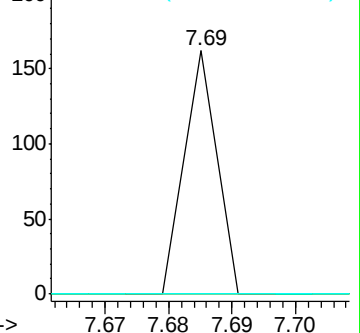
130 0.0 59.5 89.3#

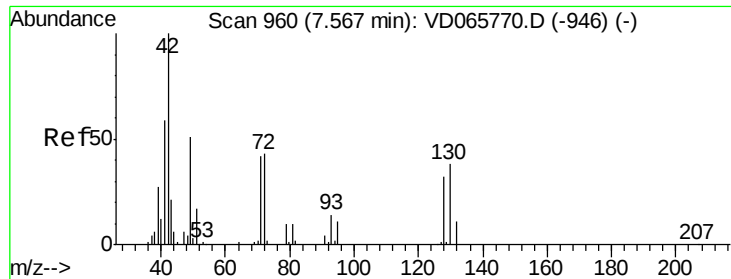


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

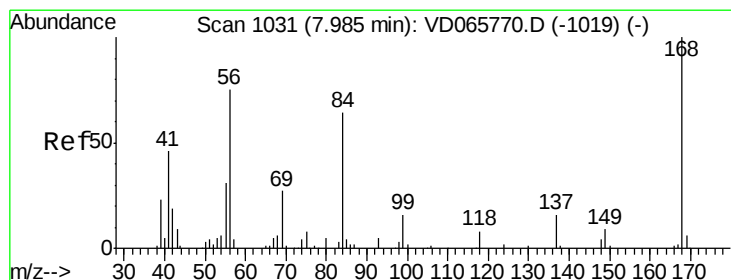
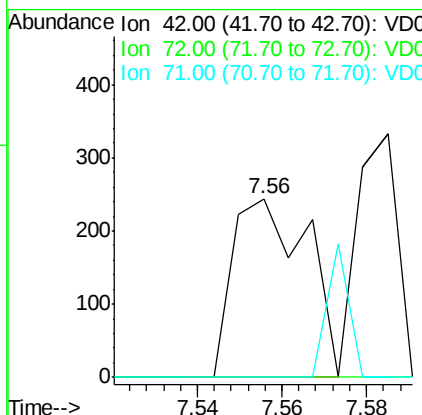
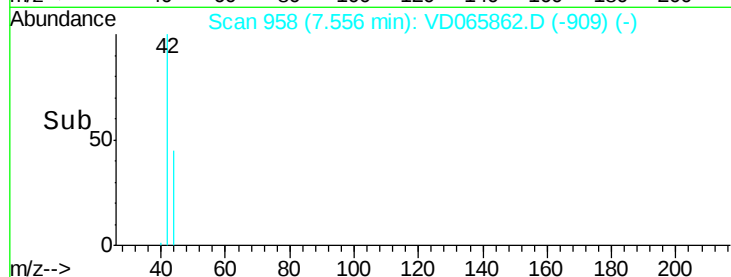
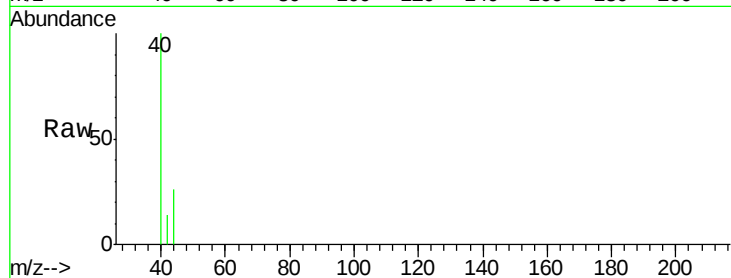




#29
Tetrahydrofuran
Concen: 24.072 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD065862.D
Acq: 23 Jun 2020 16:09

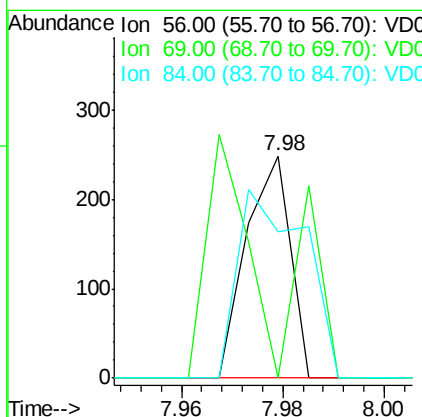
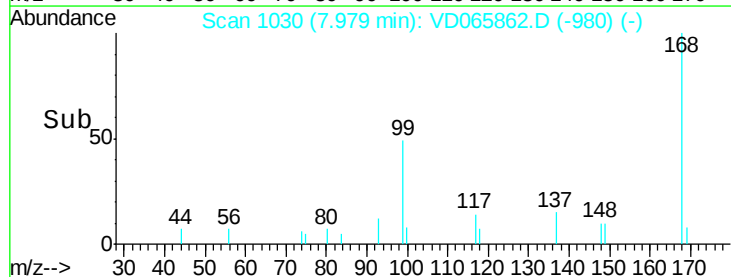
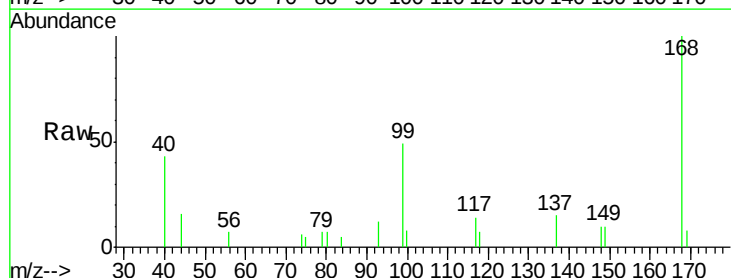
Instrument :
MSVOA_D
ClientSampled :
SB-16

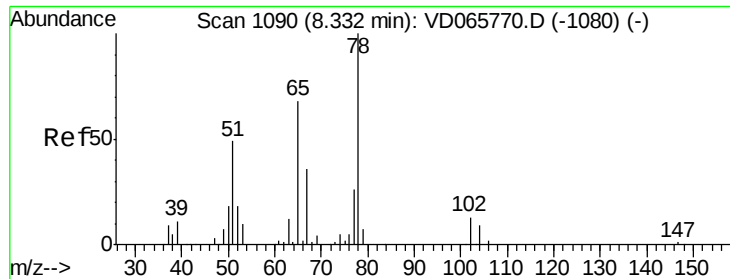
Tot Ion: 42 Resp: 298
Ion Ratio Lower Upper
42 100
72 0.0 34.9 52.3#
71 0.0 31.2 46.8#



#31
Cyclohexane
Concen: 1.105 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065862.D
Acq: 23 Jun 2020 16:09

Tgt Ion: 56 Resp: 149
Ion Ratio Lower Upper
56 100
69 0.0 28.5 42.7#
84 65.7 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 266.522 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

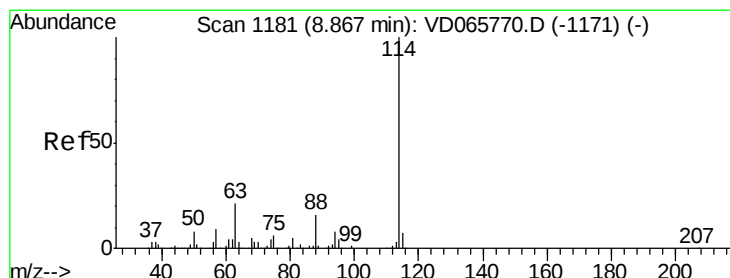
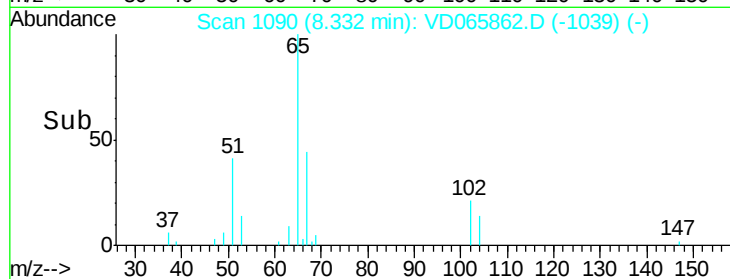
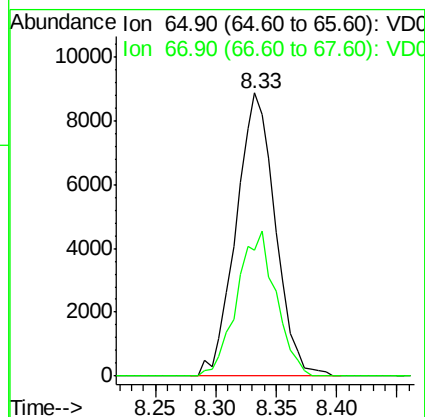
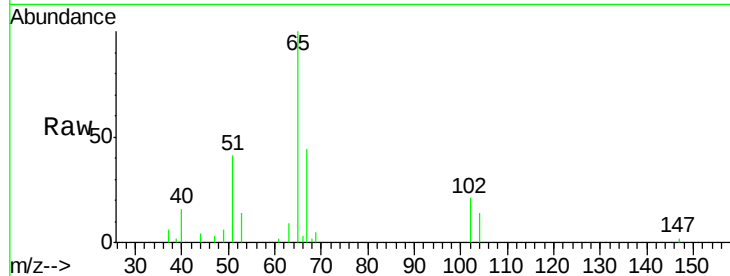
SB-16

Tot Ion: 65 Resp: 20039

Ion Ratio Lower Upper

65 100

67 50.7 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: VD065862.D

Acq: 23 Jun 2020 16:09

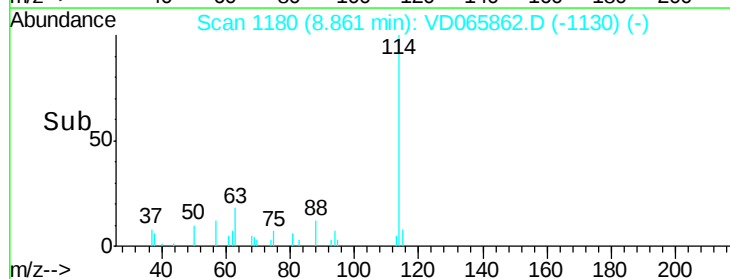
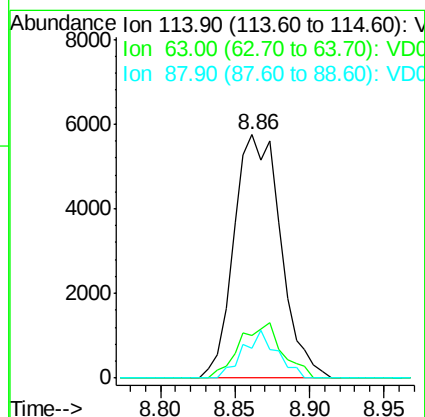
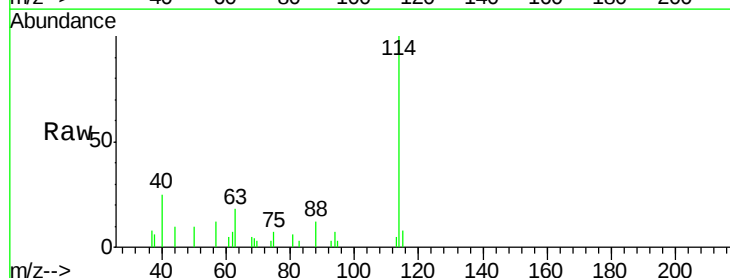
Tgt Ion: 114 Resp: 12508

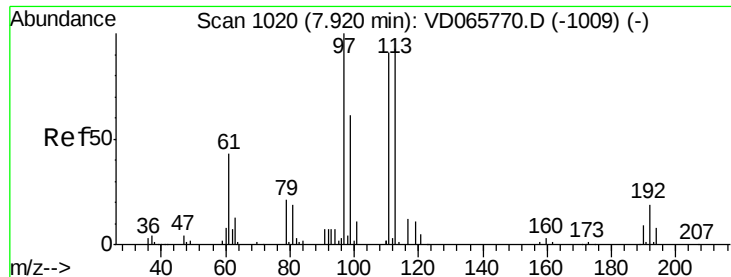
Ion Ratio Lower Upper

114 100

63 17.5 0.0 41.8

88 12.1 0.0 32.0

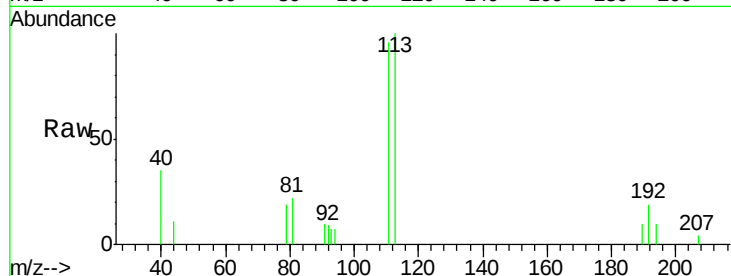




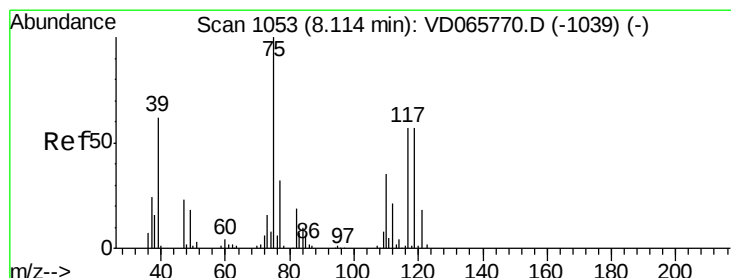
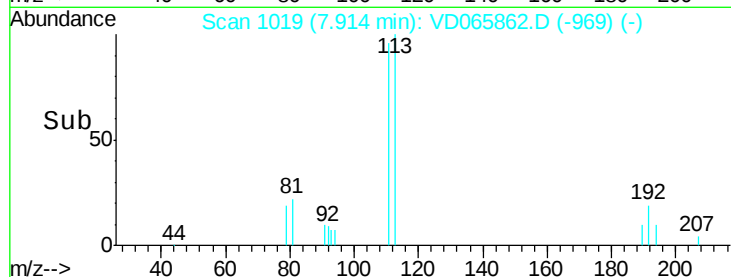
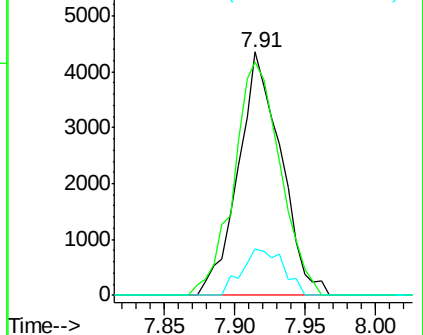
#35
 Dibromofluoromethane
 Concen: 116.798 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065862.D
 Acq: 23 Jun 2020 16:09

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16

Tot Ion:113 Resp: 9228
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.4 125.0
 192 18.5 15.7 23.5

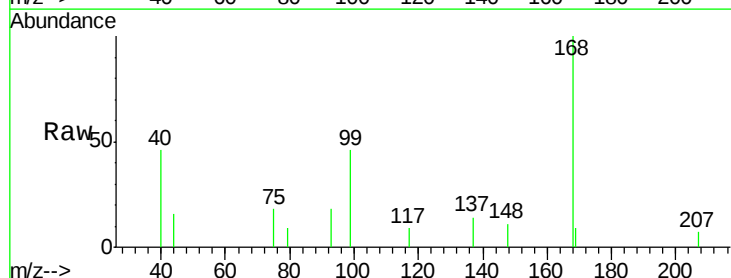


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

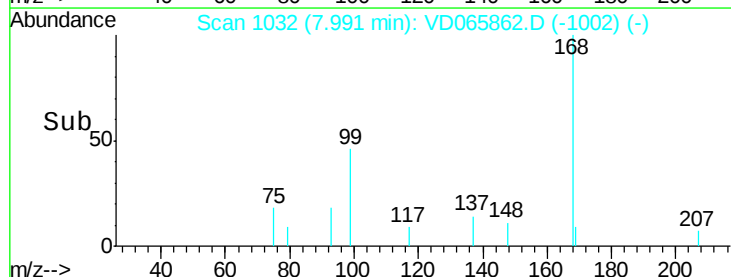
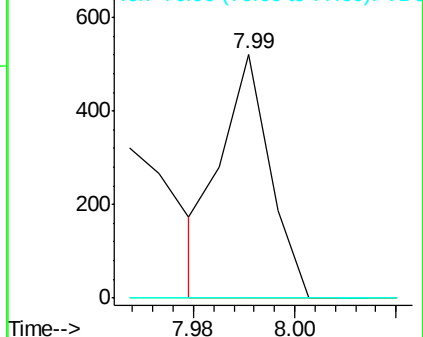


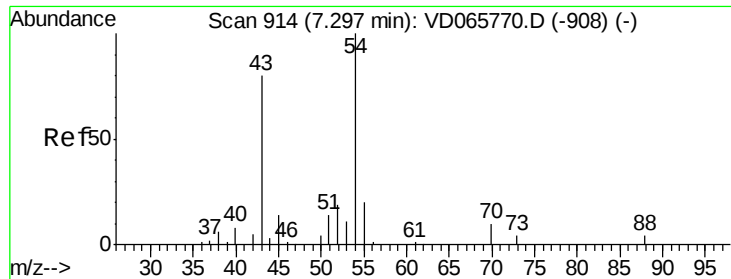
#36
 1,1-Dichloropropene
 Concen: 2.904 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.12 min
 Lab File: VD065862.D
 Acq: 23 Jun 2020 16:09

Tgt Ion: 75 Resp: 348
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.6 52.8#
 77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC

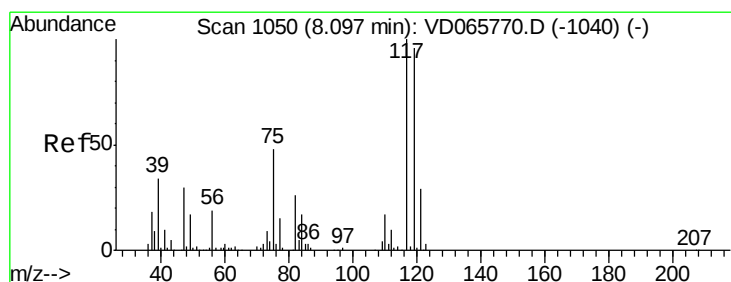
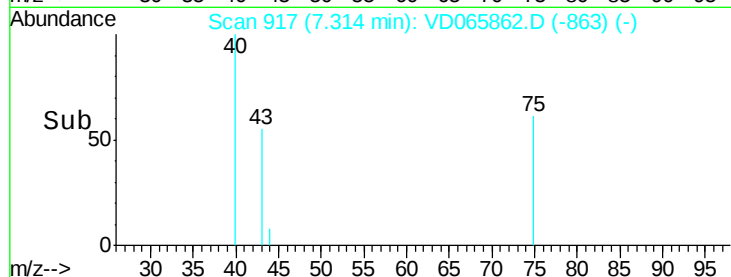
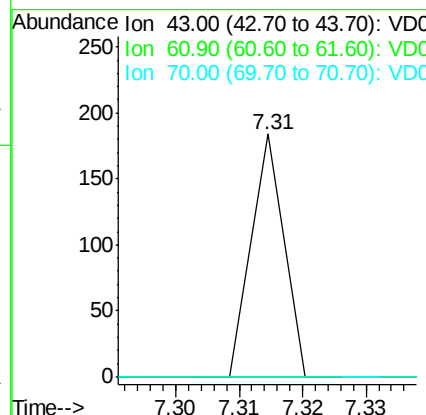
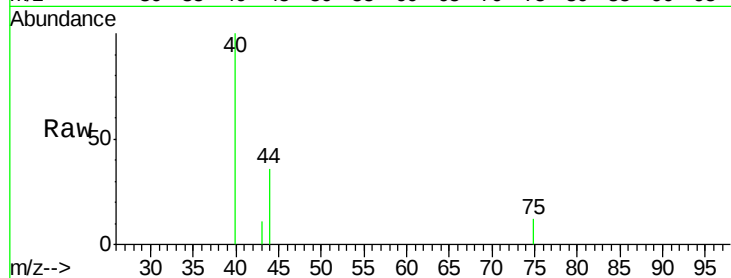




#37
Ethyl Acetate
Concen: 1.377 ug/l
RT: 7.31 min Scan# 917
Delta R.T. 0.02 min
Lab File: VD065862.D
Acq: 23 Jun 2020 16:09

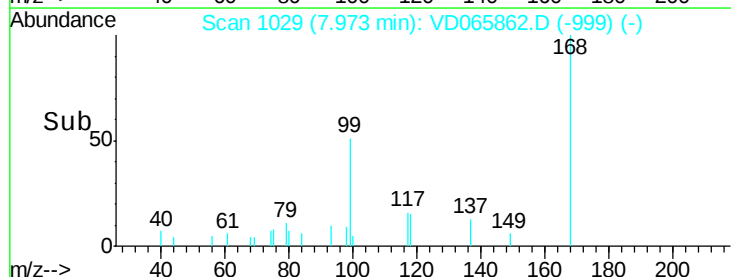
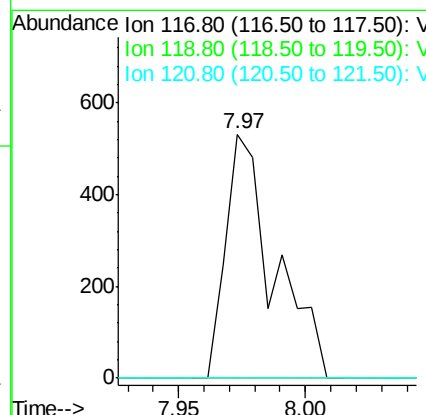
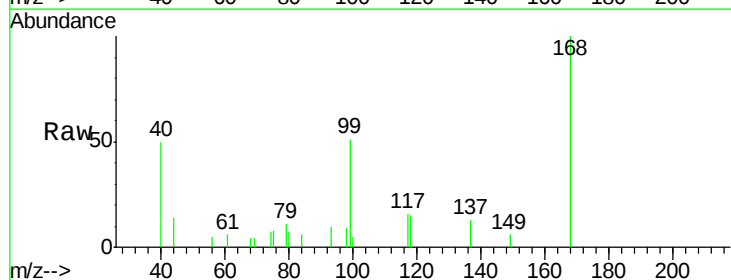
Instrument :
MSVOA_D
ClientSampleID :
SB-16

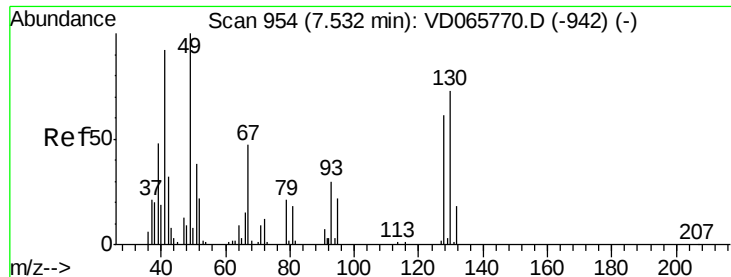
Tot Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 5.559 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD065862.D
Acq: 23 Jun 2020 16:09

Tgt Ion: 117 Resp: 701
Ion Ratio Lower Upper
117 100
119 0.0 76.8 115.2#
121 0.0 23.4 35.2#

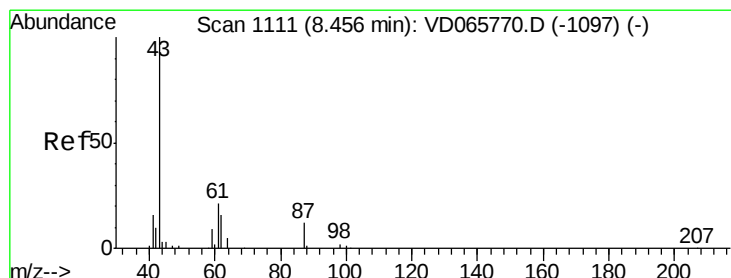
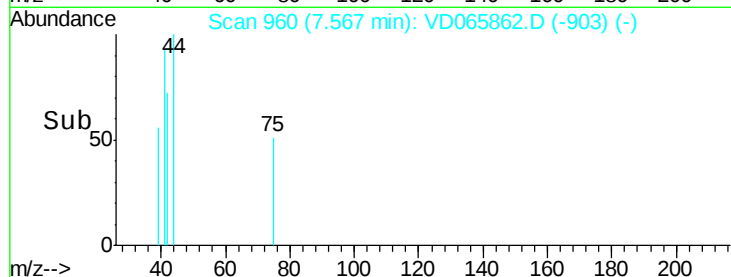
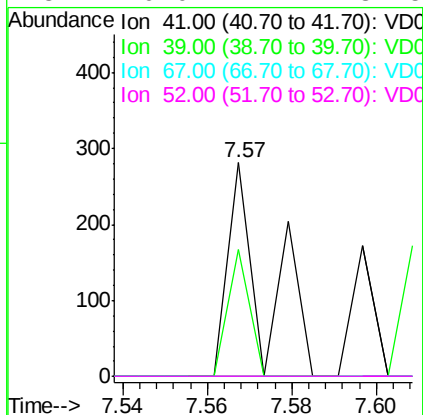
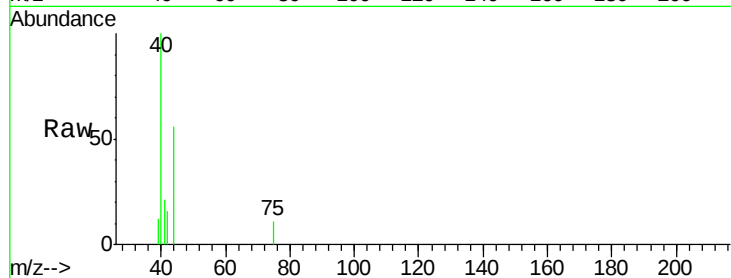




#41
Methacrylonitrile
Concen: 6.121 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.04 min
Lab File: VD065862.D
Acq: 23 Jun 2020 16:09

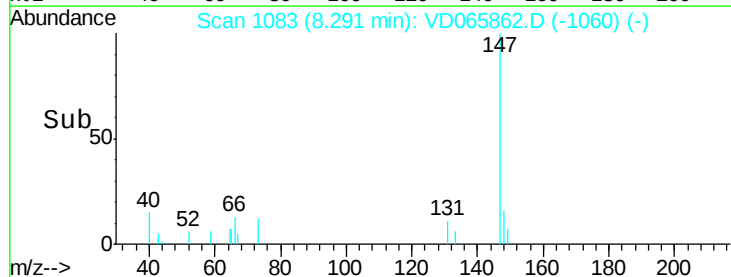
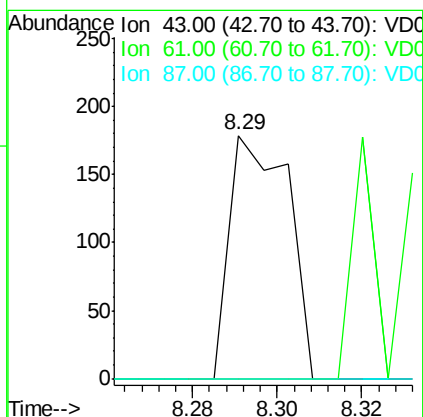
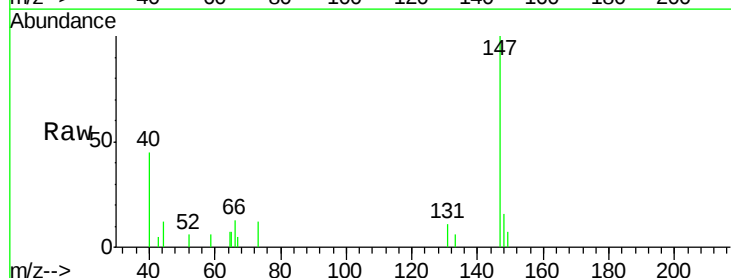
Instrument :
MSVOA_D
ClientSampled :
SB-16

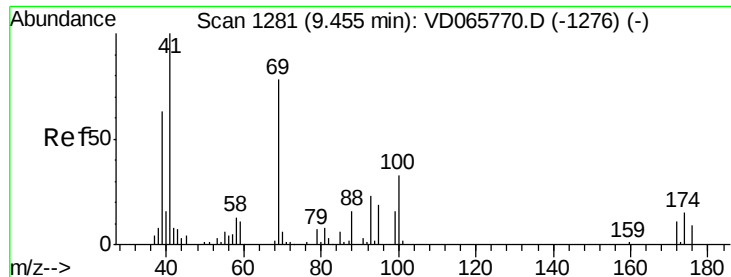
Tot Ion: 41 Resp: 172
Ion Ratio Lower Upper
41 100
39 34.3 38.3 57.5#
67 0.0 49.8 74.6#
52 0.0 21.7 32.5#



#43
Isopropyl Acetate
Concen: 1.843 ug/l
RT: 8.29 min Scan# 1083
Delta R.T. -0.16 min
Lab File: VD065862.D
Acq: 23 Jun 2020 16:09

Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 9.5 14.3#

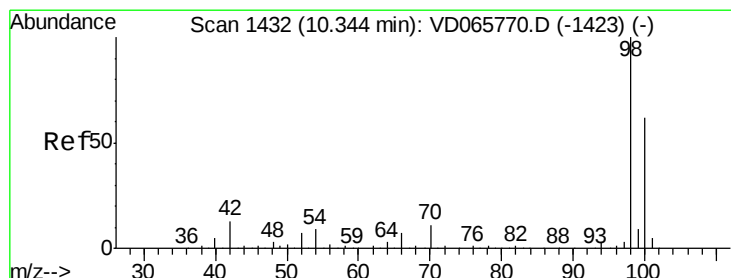
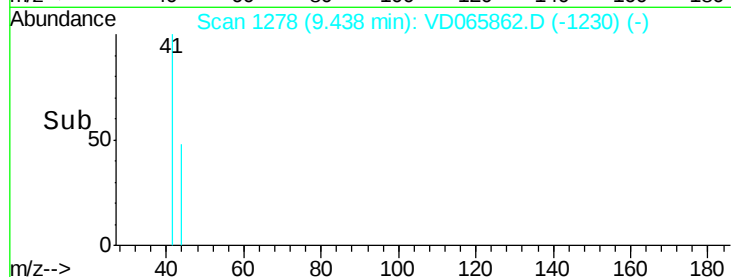
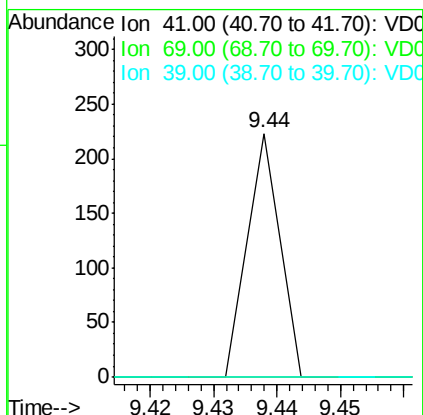
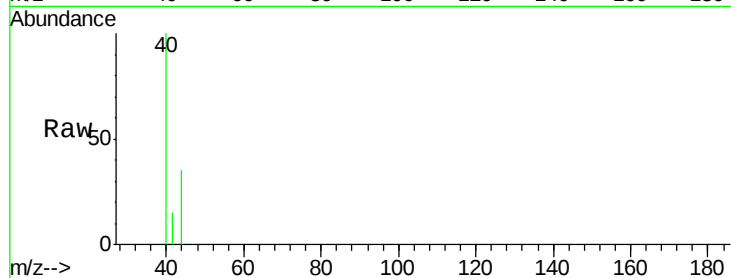




#48
Methvl methacrylate
Concen: 1.739 ug/l
RT: 9.44 min Scan# 1278
Delta R.T. -0.02 min
Lab File: VD065862.D
Acq: 23 Jun 2020 16:09

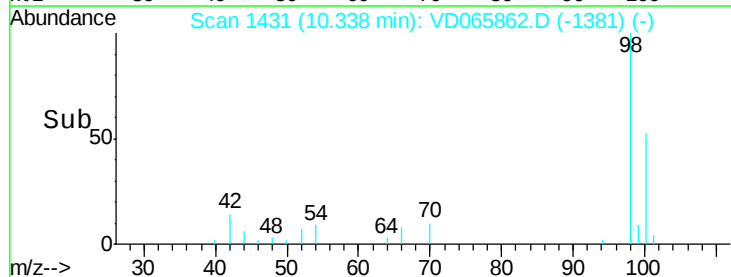
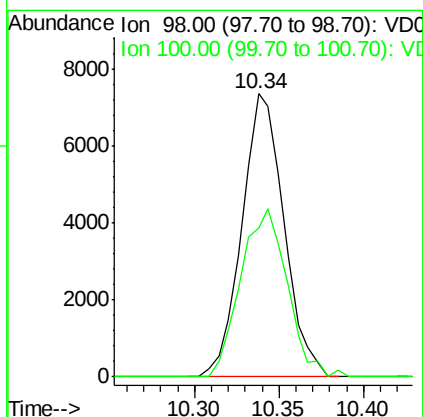
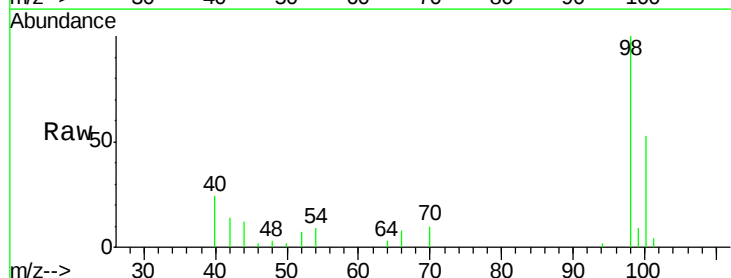
Instrument :
MSVOA_D
ClientSampleId :
SB-16

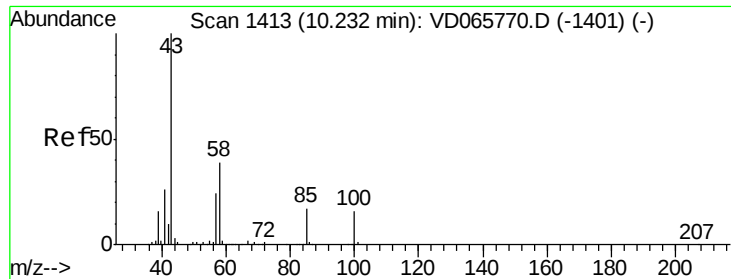
Tot Ion: 41 Resp: 79
Ion Ratio Lower Upper
41 100
69 0.0 60.9 91.3#
39 0.0 48.1 72.1#



#50
Toluene-d8
Concen: 43.257 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD065862.D
Acq: 23 Jun 2020 16:09

Tgt Ion: 98 Resp: 12744
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 14.917 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Instrument :

MSVOA_D

ClientSampled :

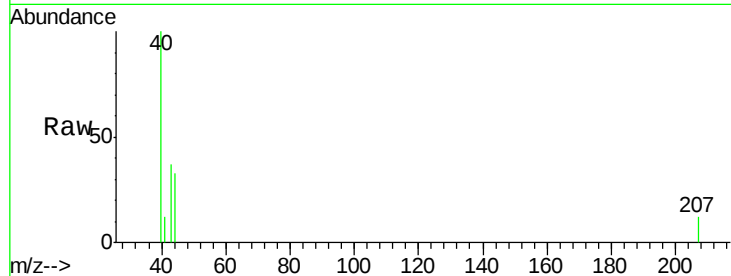
SB-16

Tot Ion: 43 Resp: 686

Ion Ratio Lower Upper

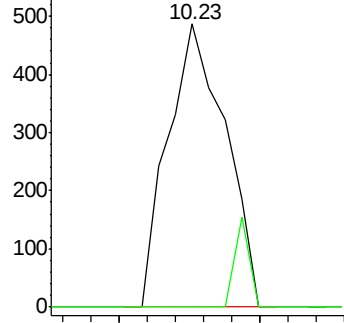
43 100

58 7.9 30.7 46.1#

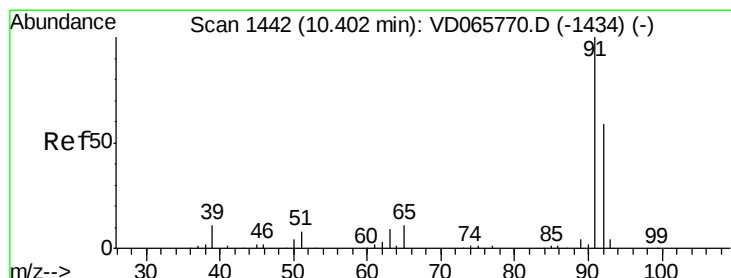
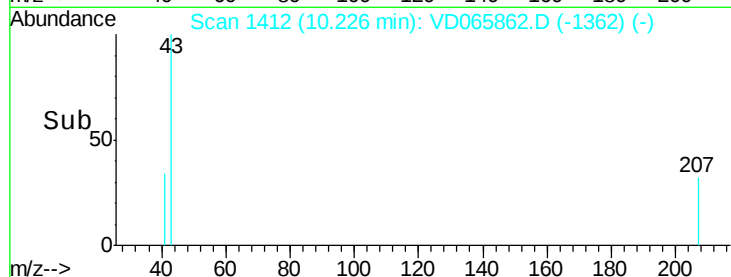


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->



#52

Toluene

Concen: 1.095 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD065862.D

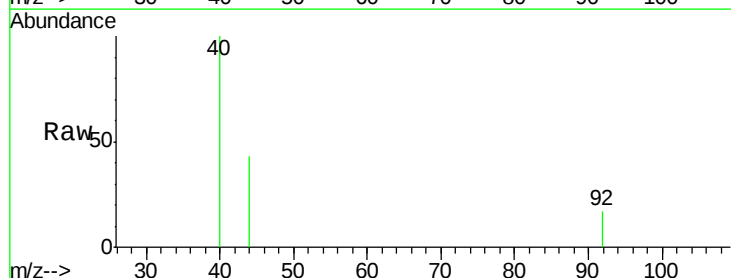
Acq: 23 Jun 2020 16:09

Tgt Ion: 92 Resp: 233

Ion Ratio Lower Upper

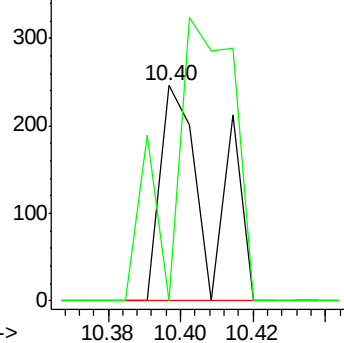
92 100

91 164.4 137.8 206.8

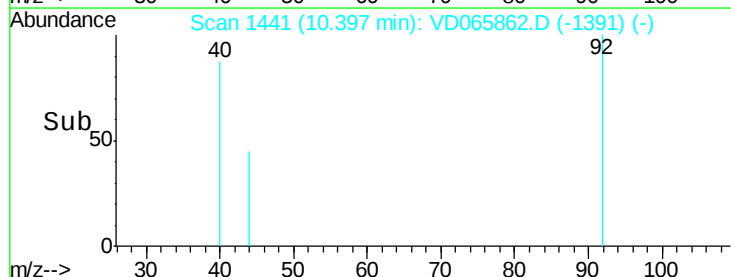


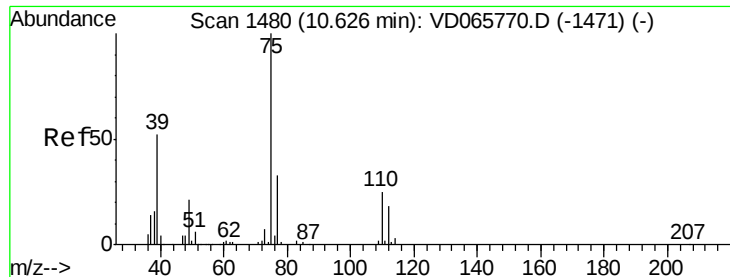
Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



Time-->





#53

t-1,3-Dichloropropene

Concen: 7.700 ug/l

RT: 10.71 min Scan# 1495

Delta R.T. 0.09 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

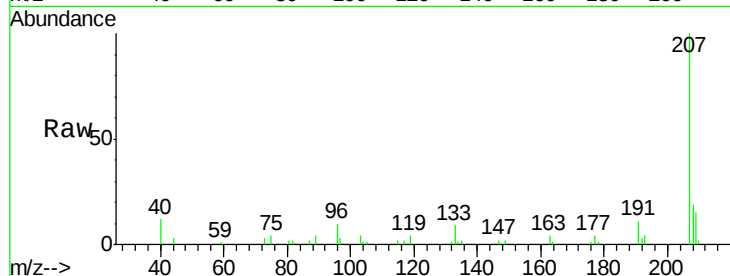
SB-16

Tot Ion: 75 Resp: 834

Ion Ratio Lower Upper

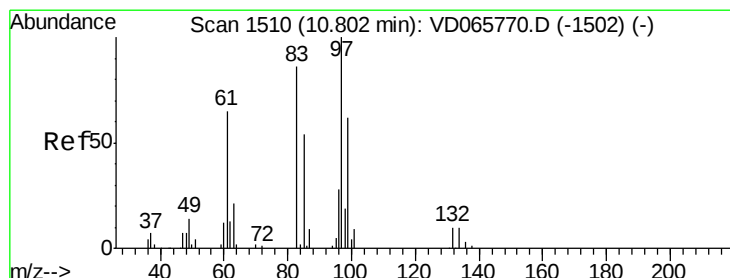
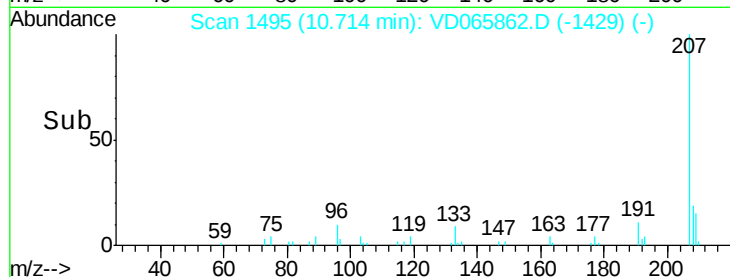
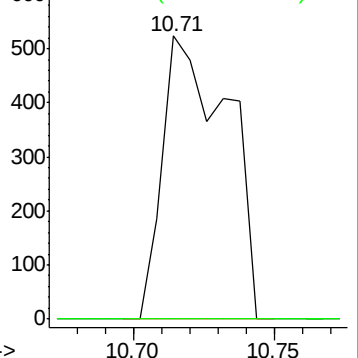
75 100

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: 3.622 ug/l

RT: 10.74 min Scan# 1499

Delta R.T. -0.06 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Tgt Ion: 97 Resp: 216

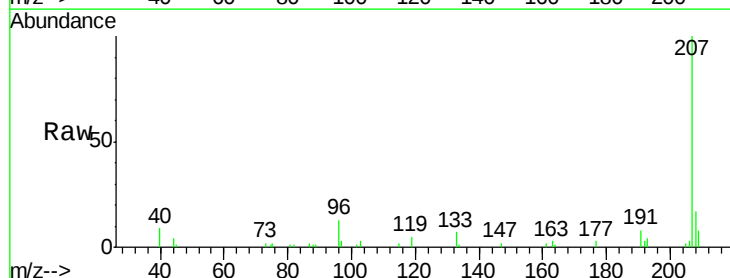
Ion Ratio Lower Upper

97 100

83 0.0 68.7 103.1#

85 0.0 43.0 64.6#

99 0.0 49.8 74.6#

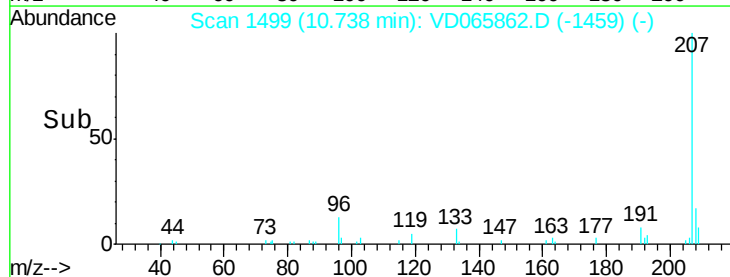
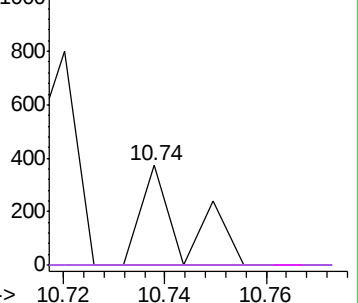


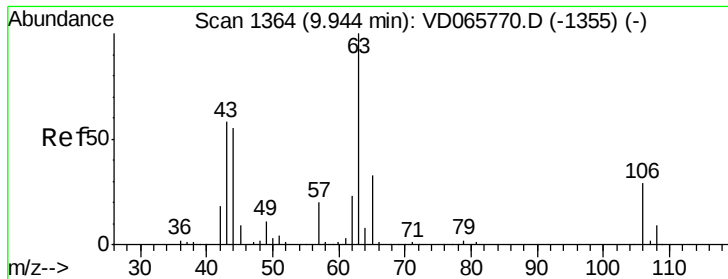
Abundance Ion 96.90 (96.60 to 97.60): VDC

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





#58

2-Chloroethyl Vinyl ether

Concen: 5.488 ug/l

RT: 9.96 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

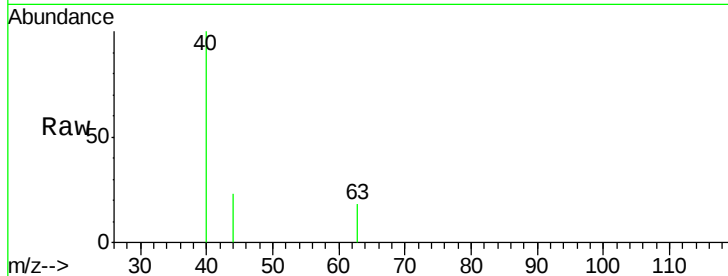
SB-16

Tot Ion: 63 Resp: 179

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): VDC

9.96

300

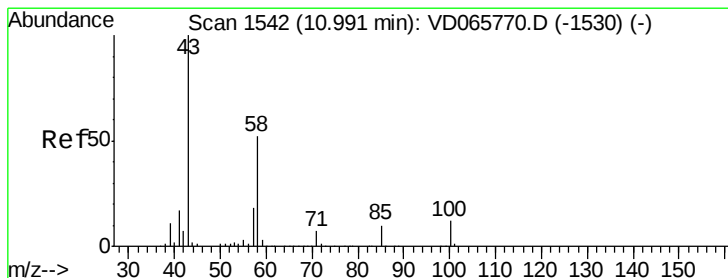
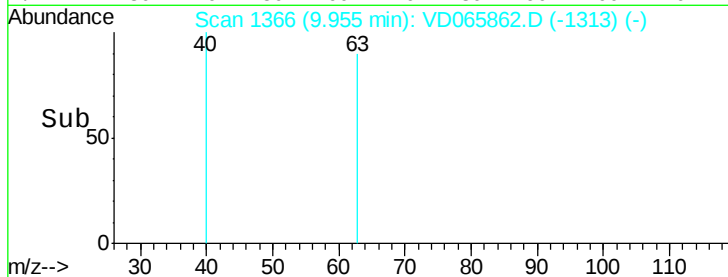
200

100

0

9.92 9.94 9.96 9.98

Time-->



#59

2-Hexanone

Concen: 17.256 ug/l

RT: 11.08 min Scan# 1557

Delta R.T. 0.09 min

Lab File: VD065862.D

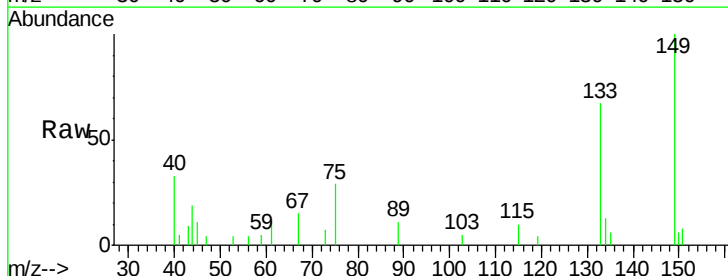
Acq: 23 Jun 2020 16:09

Tgt Ion: 43 Resp: 535

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

11.08

400

300

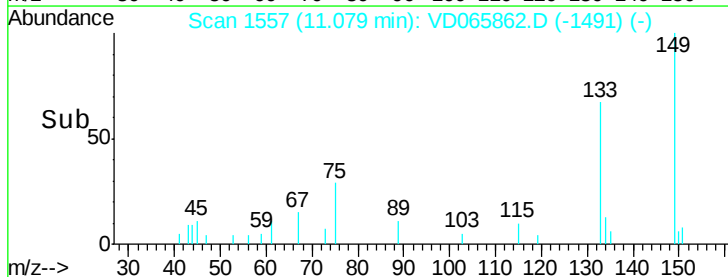
200

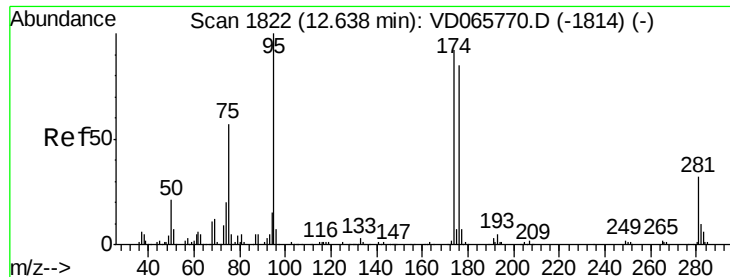
100

0

11.05 11.10

Time-->

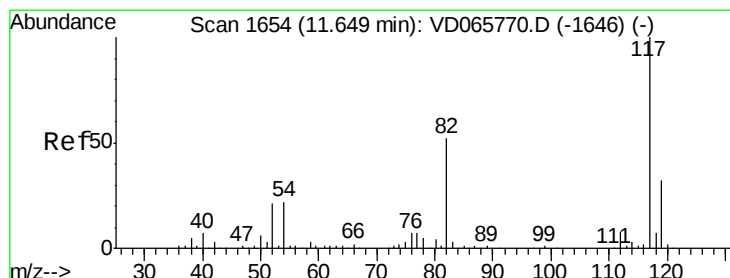
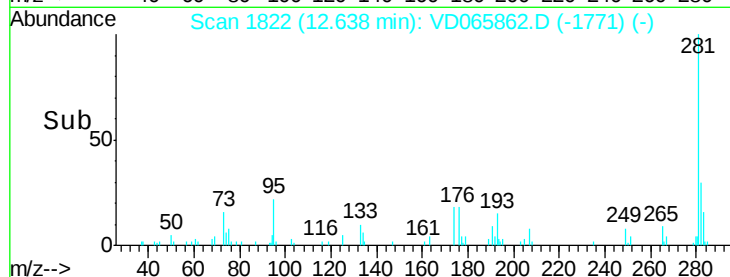
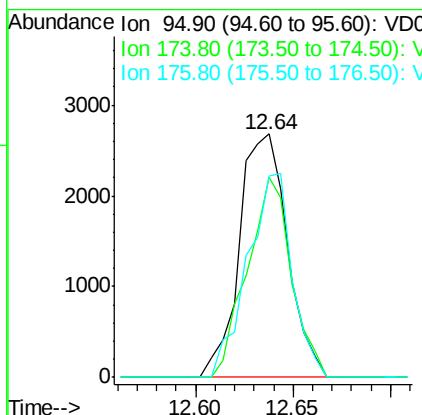
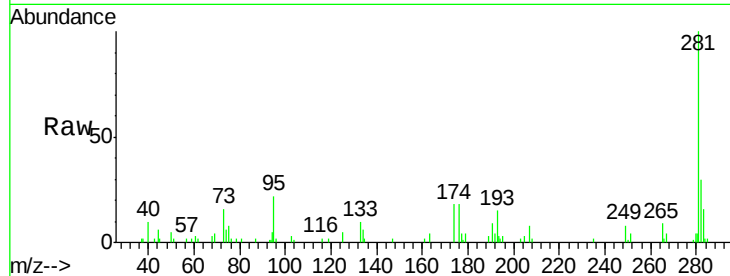




#62
4-Bromofluorobenzene
Concen: 45.720 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065862.D
Acq: 23 Jun 2020 16:09

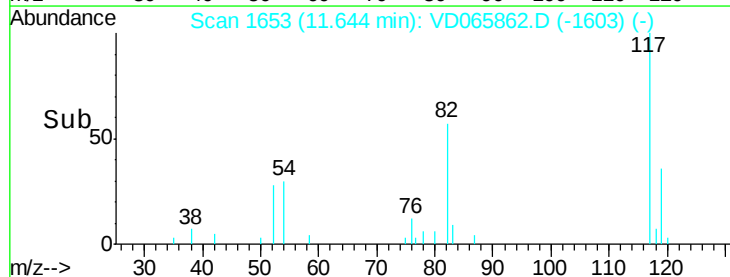
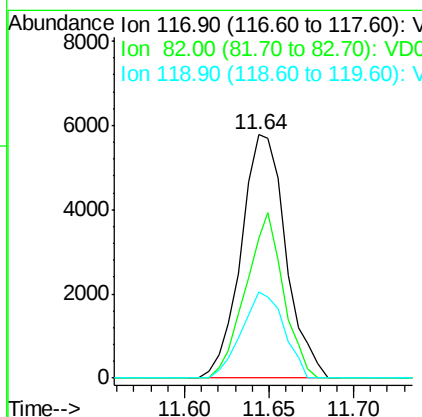
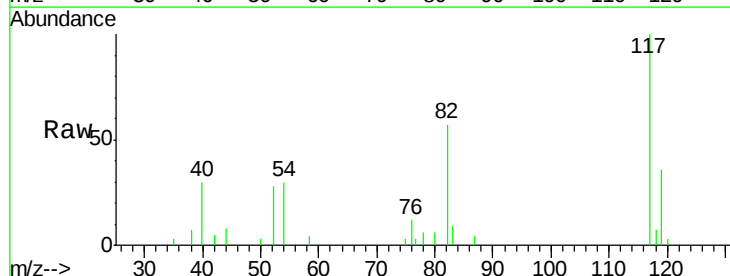
Instrument :
MSVOA_D
ClientSampleId :
SB-16

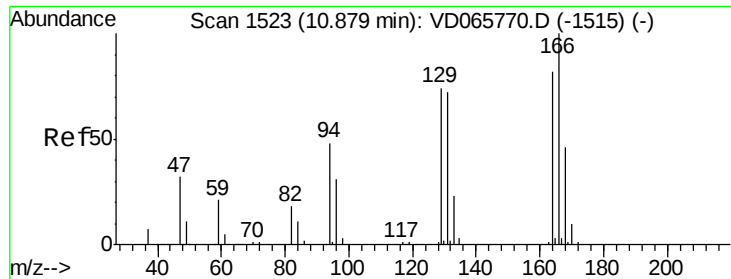
Tot Ion: 95 Resp: 4568
Ion Ratio Lower Upper
95 100
174 75.3 0.0 175.2
176 77.7 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD065862.D
Acq: 23 Jun 2020 16:09

Tgt Ion: 117 Resp: 10625
Ion Ratio Lower Upper
117 100
82 57.4 41.9 62.9
119 35.5 25.3 37.9





#64

Tetrachloroethene

Concen: 4.524 ug/l

RT: 10.73 min Scan# 1497

Delta R.T. -0.15 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

SB-16

Tot Ion:164 Resp: 325

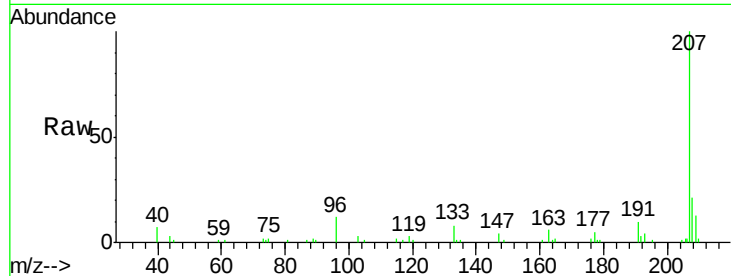
Ion Ratio Lower Upper

164 100

166 0.0 98.2 147.2#

129 0.0 72.3 108.5#

131 0.0 70.5 105.7#

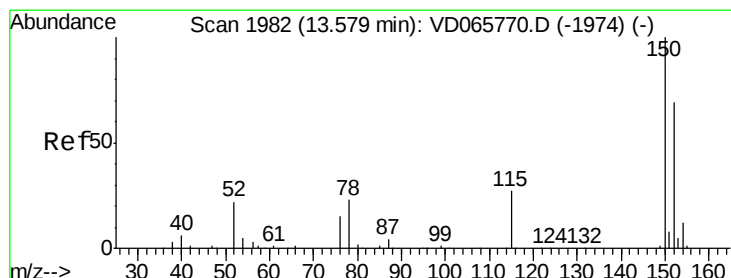
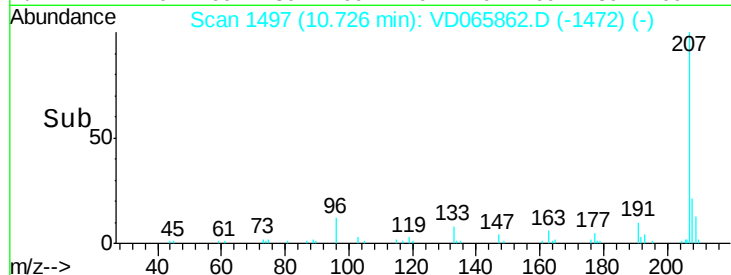
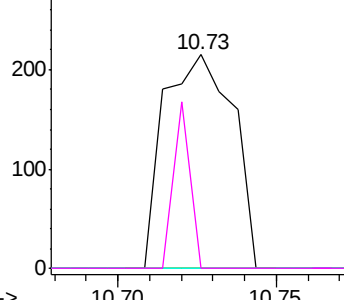


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

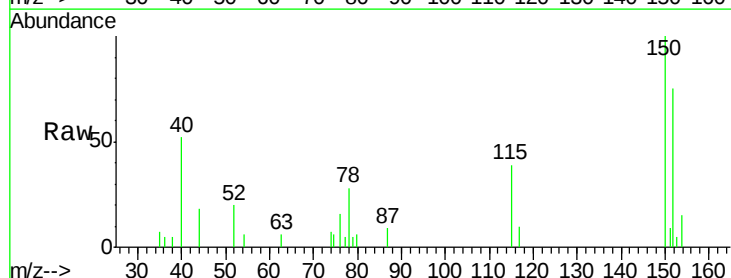
Tgt Ion:152 Resp: 3765

Ion Ratio Lower Upper

152 100

115 57.4 28.7 86.1

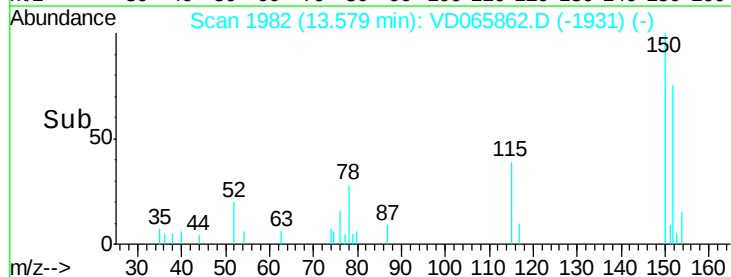
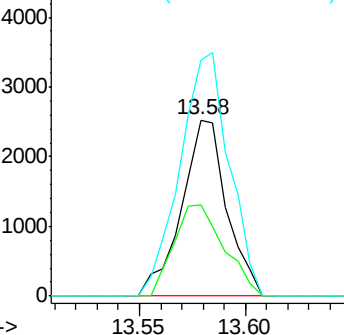
150 150.2 0.0 348.0

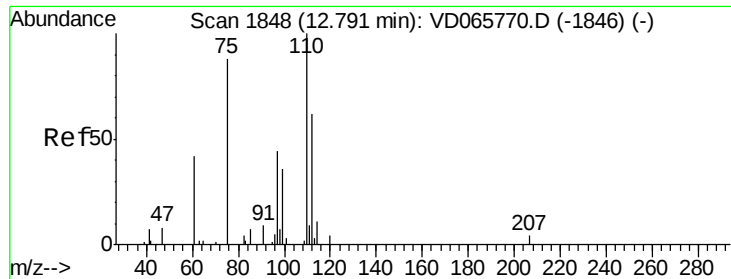


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 94.601 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.16 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

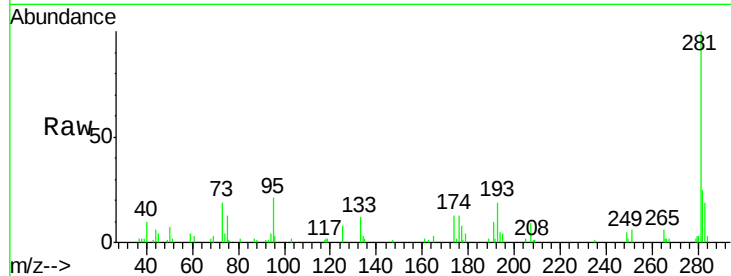
SB-16

Tot Ion: 75 Resp: 2770

Ion Ratio Lower Upper

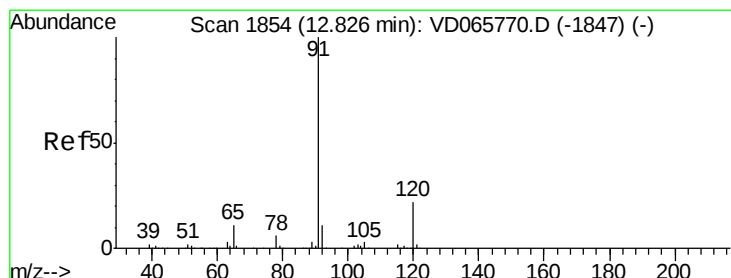
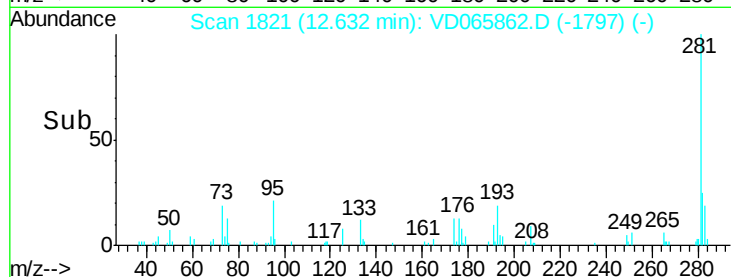
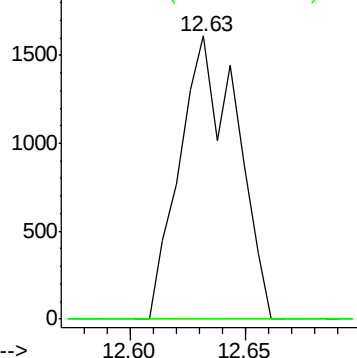
75 100

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



#78

n-propylbenzene

Concen: 1.474 ug/l

RT: 12.83 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VD065862.D

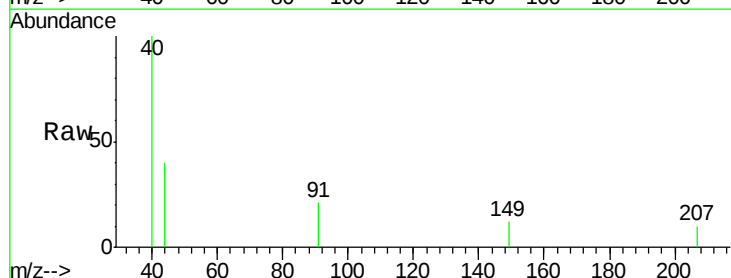
Acq: 23 Jun 2020 16:09

Tgt Ion: 91 Resp: 448

Ion Ratio Lower Upper

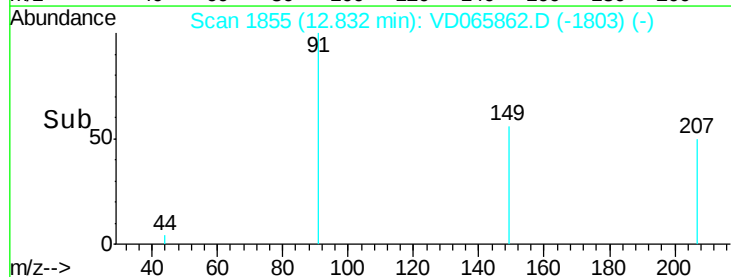
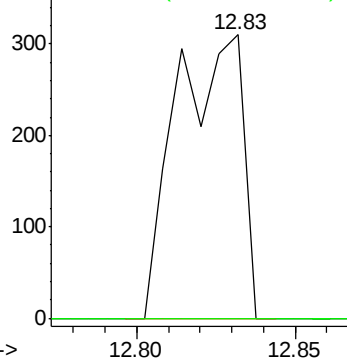
91 100

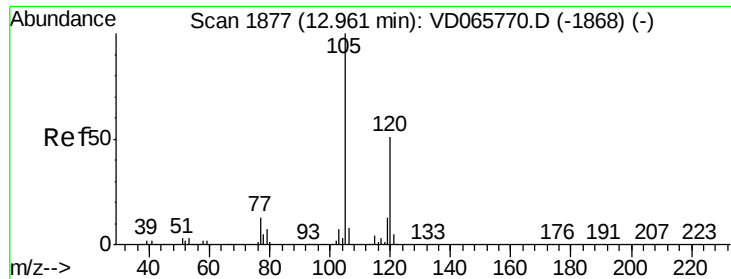
120 0.0 11.3 33.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): VDC





#80

1,3,5-Trimethylbenzene

Concen: 1.761 ug/l

RT: 12.97 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

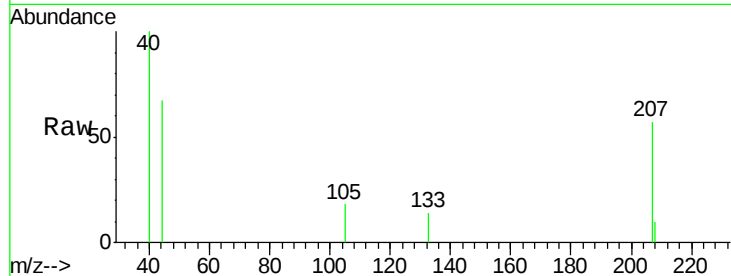
SB-16

Tot Ion: 105 Resp: 370

Ion Ratio Lower Upper

105 100

120 0.0 25.4 76.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.97

250

200

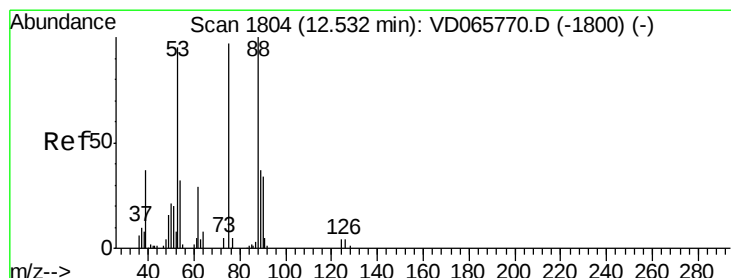
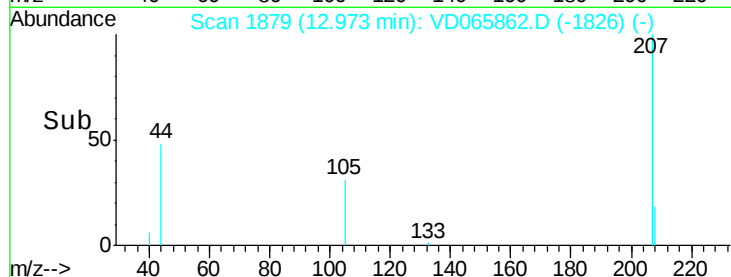
150

100

50

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 204.397 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

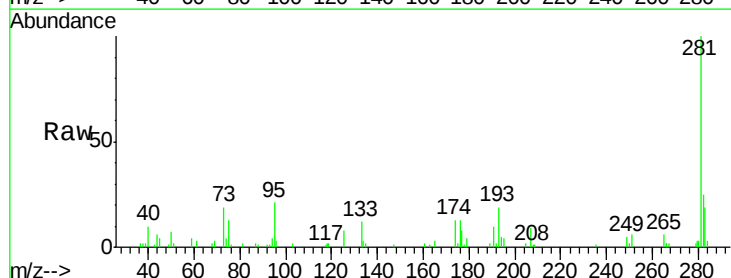
Tgt Ion: 75 Resp: 2770

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

12.63

2000

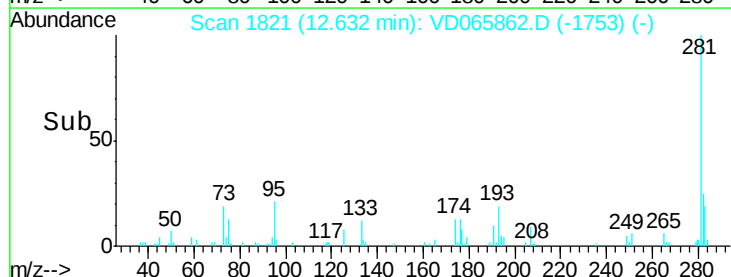
1500

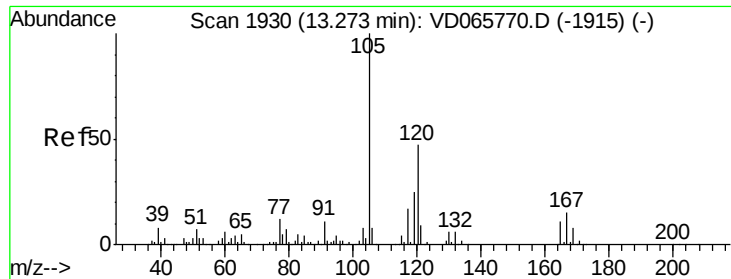
1000

500

0

Time-->

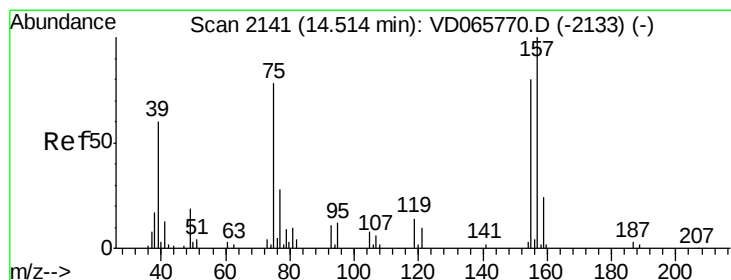
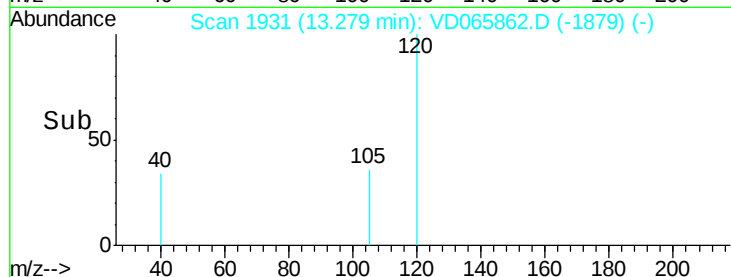
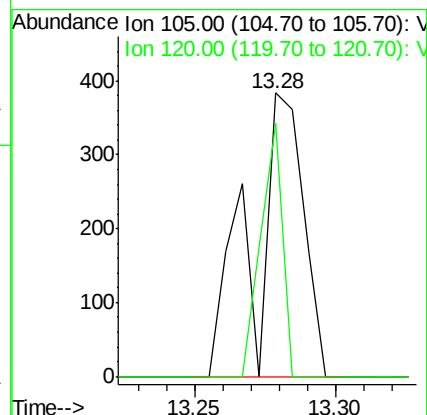
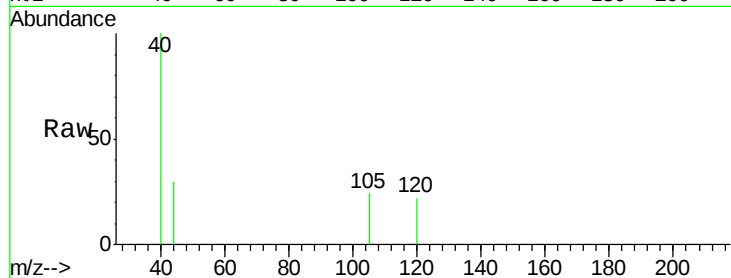




#84
 1,2,4-Trimethylbenzene
 Concen: 2.254 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD065862.D
 Acq: 23 Jun 2020 16:09

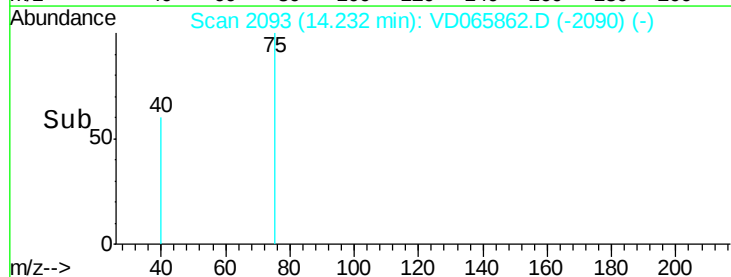
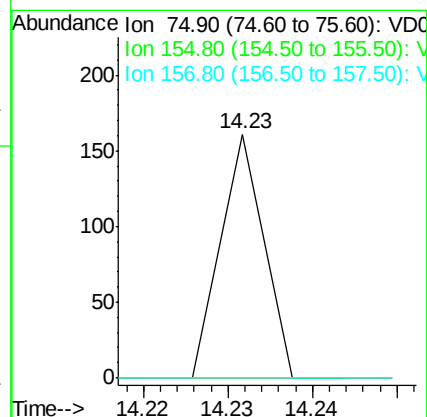
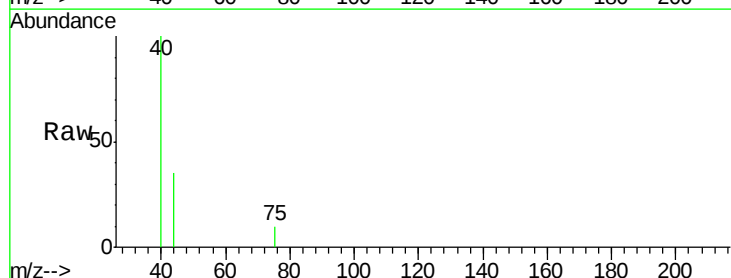
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16

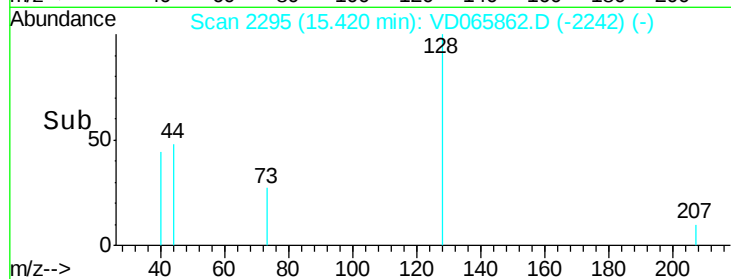
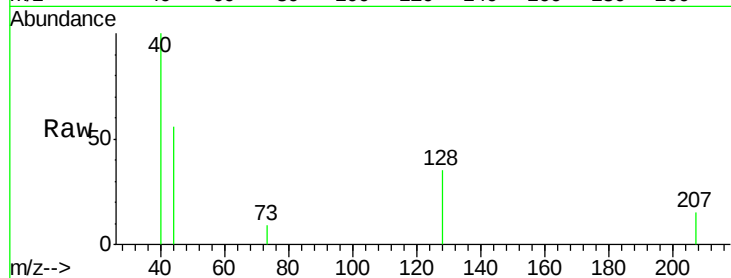
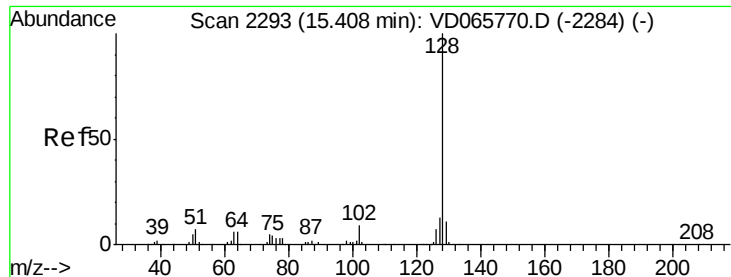
Tot Ion: 105 Resp: 474
 Ion Ratio Lower Upper
 105 100
 120 38.6 23.3 69.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.034 ug/l
 RT: 14.23 min Scan# 2093
 Delta R.T. -0.28 min
 Lab File: VD065862.D
 Acq: 23 Jun 2020 16:09

Tgt Ion: 75 Resp: 57
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.3 138.9#
 157 0.0 58.1 174.3#





#95

Naphthalene

Concen: 6.785 ug/l

RT: 15.42 min Scan# 2295

Delta R.T. 0.01 min

Lab File: VD065862.D

Acq: 23 Jun 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

SB-16

Tot Ion:128 Resp: 792

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 8.6 12.8#

