

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065859.D
 Acq On : 23 Jun 2020 14:48
 Operator : VA/SY
 Sample : L3082-12
 Misc : 4.96G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13

Quant Time: Jun 24 04:43:14 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	8768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	8572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	5083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	8008	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	25086	289.54	ug/l	0.00
Spiked Amount			Recovery	=	579.08%	
35) Dibromofluoromethane	7.92	113	12032	222.21	ug/l	0.00
Spiked Amount			Recovery	=	444.42%	
50) Toluene-d8	10.34	98	3177	15.74	ug/l	0.00
Spiked Amount			Recovery	=	31.48%	
62) 4-Bromofluorobenzene	12.64	95	7211	105.31	ug/l	0.00
Spiked Amount			Recovery	=	210.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	276	Below Cal	#	60
5) Bromomethane	2.78	94	220	2.432	ug/l #	70
8) Diethyl Ether	3.71	74	76	1.972	ug/l	77
11) Tert butyl alcohol	5.19	59	1687	363.542	ug/l #	74
16) Acetone	4.16	43	1247	76.302	ug/l #	76
18) Methyl Acetate	4.74	43	67	Below Cal	#	52
20) Methylene Chloride	4.97	84	6050	71.631	ug/l	94
25) 2-Butanone	7.21	43	743	32.919	ug/l #	52
26) 2,2-Dichloropropane	7.19	77	1385	9.638	ug/l #	54
29) Tetrahydrofuran	7.56	42	203	14.231	ug/l #	34
30) Chloroform	7.71	83	195	1.161	ug/l #	18
31) Cyclohexane	7.99	56	353	2.272	ug/l #	71
37) Ethyl Acetate	7.29	43	74	2.288	ug/l #	70
38) Carbon Tetrachloride	8.00	117	277	3.205	ug/l #	12
41) Methacrylonitrile	7.60	41	61	3.167	ug/l #	27
48) Methyl methacrylate	9.44	41	63	2.024	ug/l #	15
51) 4-Methyl-2-Pentanone	10.24	43	572	18.150	ug/l #	69
52) Toluene	10.40	92	222	1.522	ug/l #	1
53) t-1,3-Dichloropropene	10.73	75	727	9.794	ug/l #	42
55) 1,1,2-Trichloroethane	10.74	97	93	2.275	ug/l #	15
56) Ethyl methacrylate	10.83	69	56	1.165	ug/l #	21
57) 1,3-Dichloropropane	11.08	76	72	1.017	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.94	63	121	5.413	ug/l #	46
59) 2-Hexanone	11.11	43	180	8.472	ug/l	75
65) Chlorobenzene	11.68	112	140	1.411	ug/l #	44
67) Ethyl Benzene	11.75	91	610	3.441	ug/l #	45
68) m/p-Xylenes	11.85	106	181	2.651	ug/l #	38
71) Bromoform	12.63	173	64	3.142	ug/l #	28
76) 1,2,3-Trichloropropane	12.63	75	4254	68.305	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.96	105	489	1.094	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.63	75	4254	147.582	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.28	105	483	1.080	ug/l #	30
93) 1,2,4-Trichlorobenzene	15.17	180	155	1.058	ug/l #	59
95) Naphthalene	15.40	128	714	2.876	ug/l #	69

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

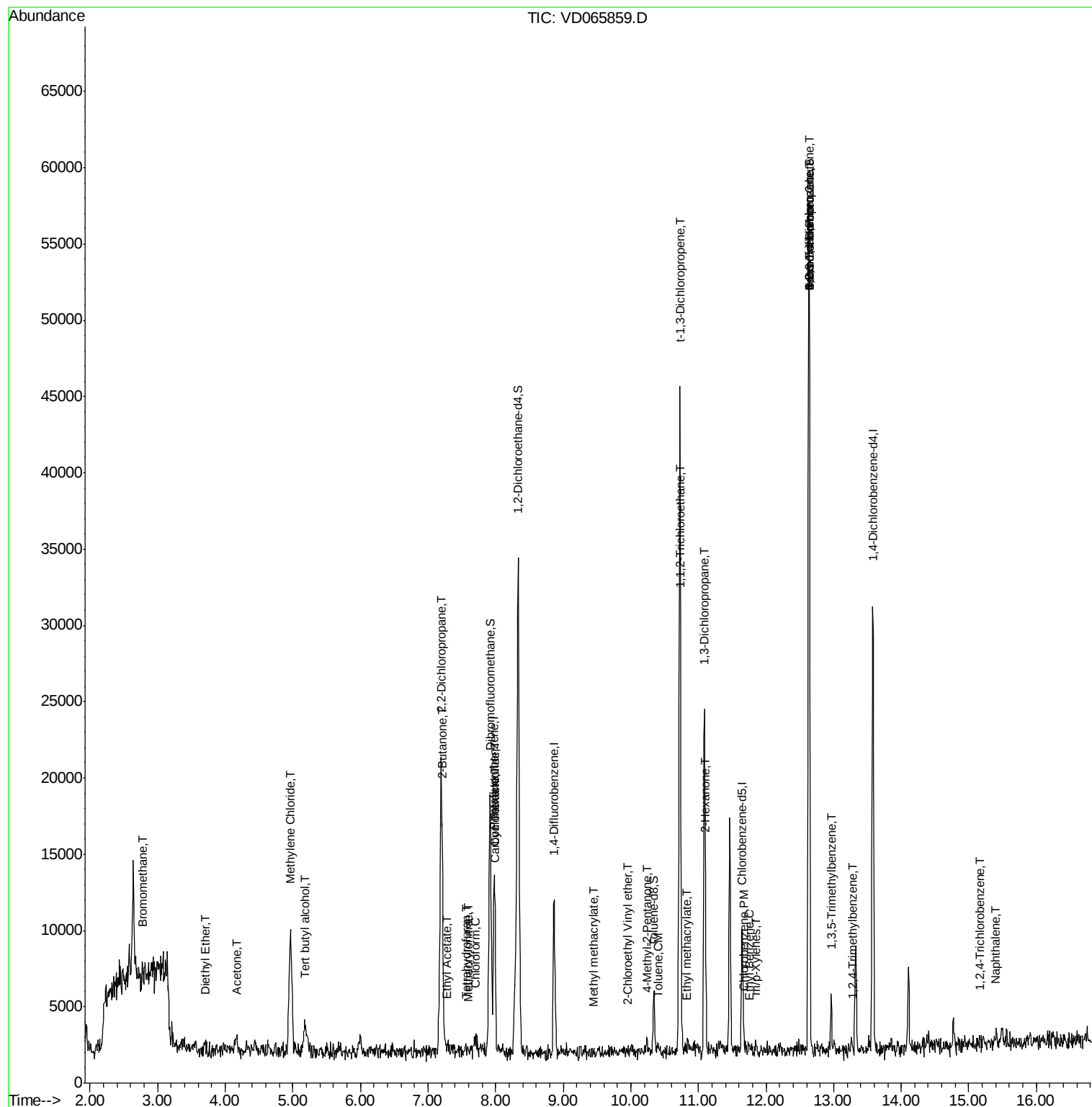
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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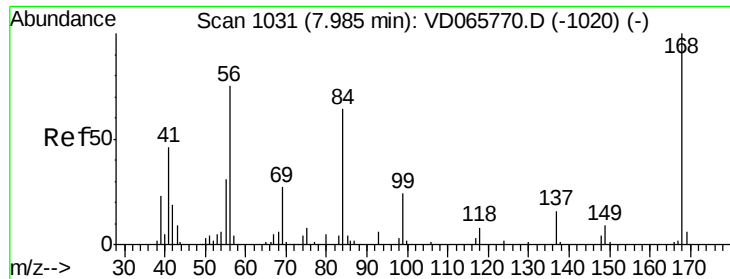
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065859.D
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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: VD065859.D

Acq: 23 Jun 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

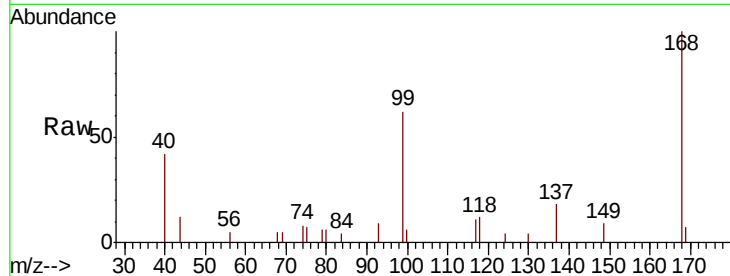
SB-13

Tot Ion:168 Resp: 8768

Ion Ratio Lower Upper

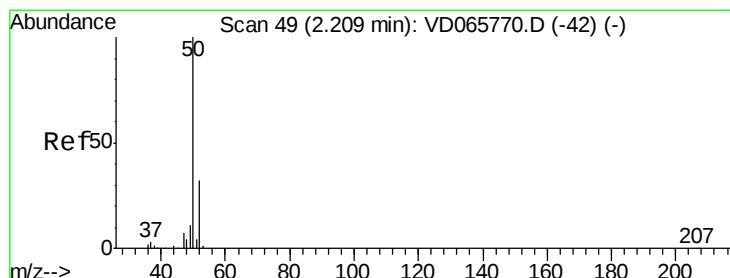
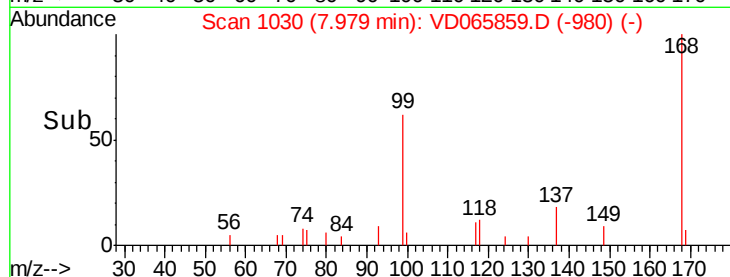
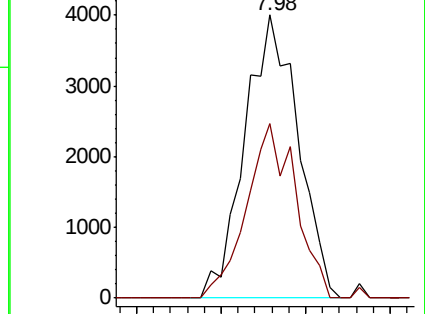
168 100

99 61.9 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: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD065859.D

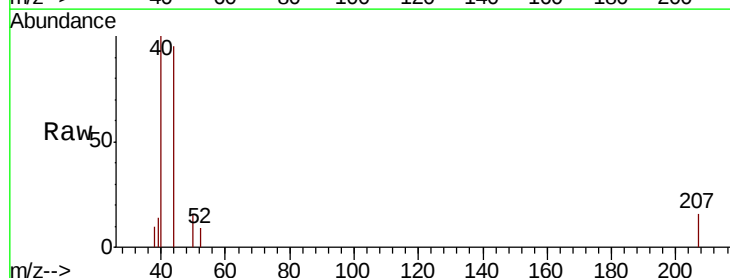
Acq: 23 Jun 2020 14:48

Tgt Ion: 50 Resp: 276

Ion Ratio Lower Upper

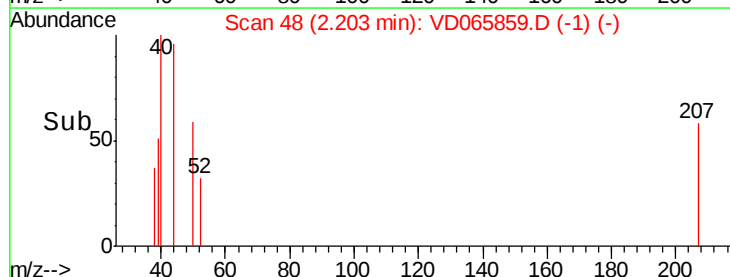
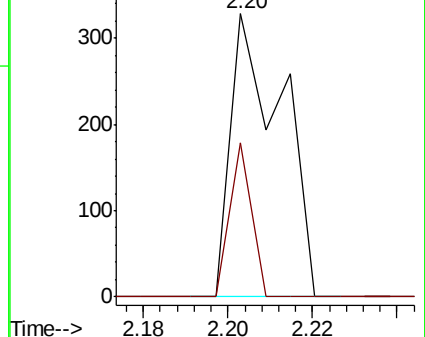
50 100

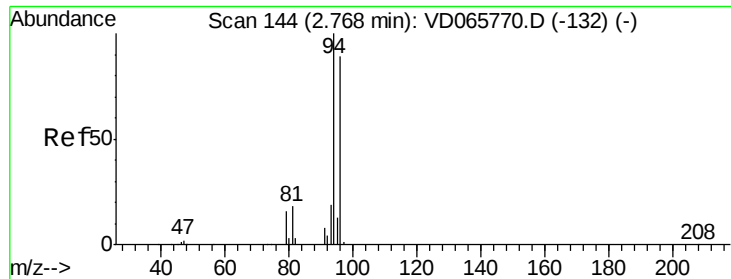
52 54.3 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 2.432 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD065859.D

Acq: 23 Jun 2020 14:48

Instrument :

MSVOA_D

ClientSampled :

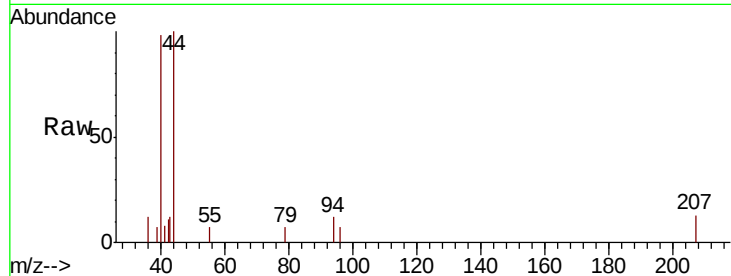
SB-13

Tot Ion: 94 Resp: 220

Ion Ratio Lower Upper

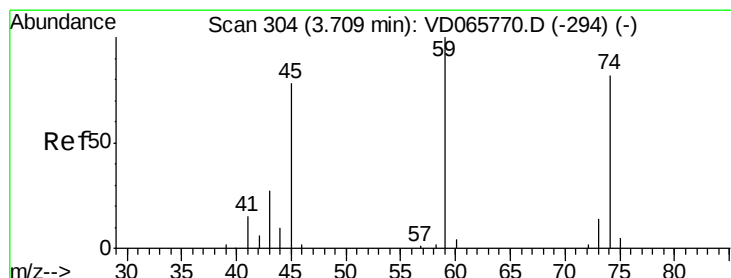
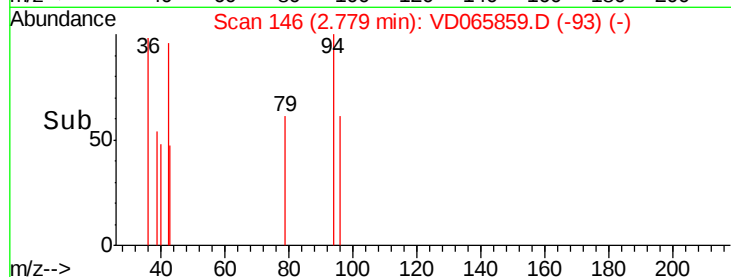
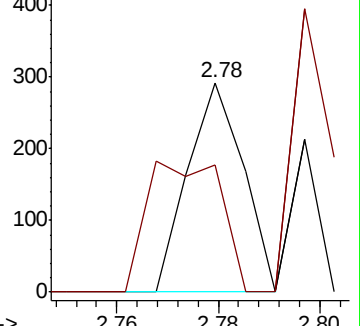
94 100

96 60.6 71.4 107.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#8

Diethyl Ether

Concen: 1.972 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD065859.D

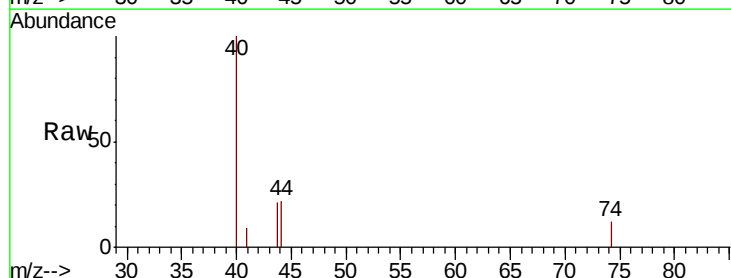
Acq: 23 Jun 2020 14:48

Tgt Ion: 74 Resp: 76

Ion Ratio Lower Upper

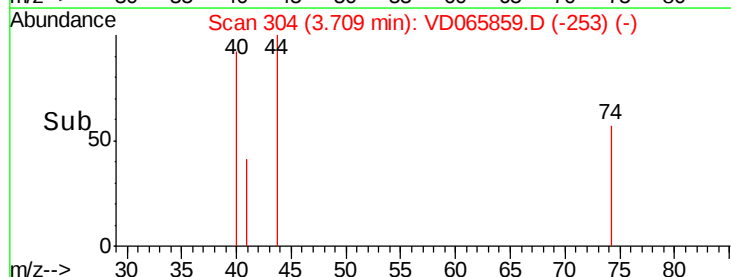
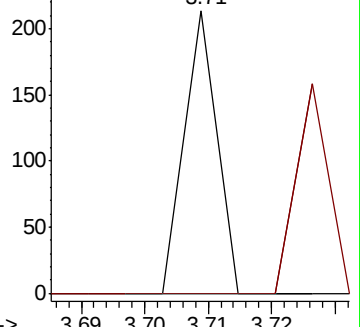
74 100

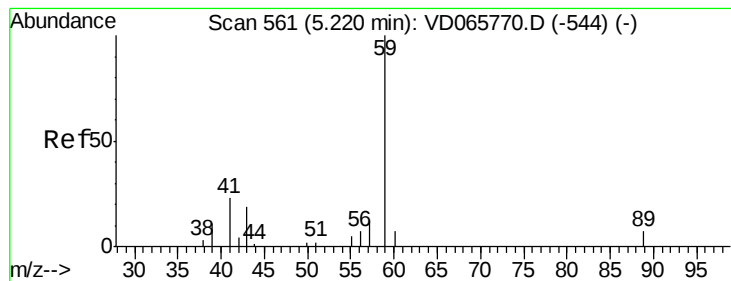
45 73.7 47.9 143.8



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC



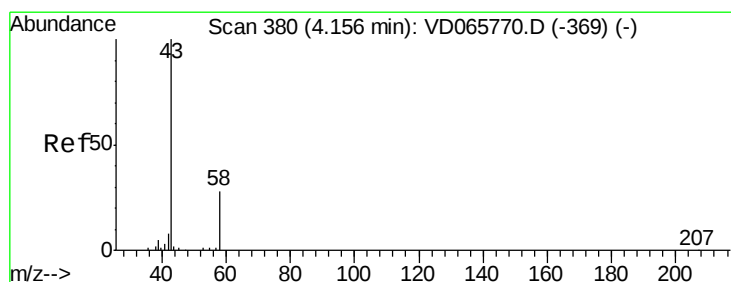
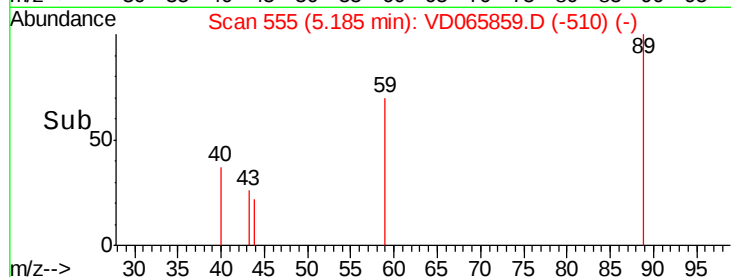
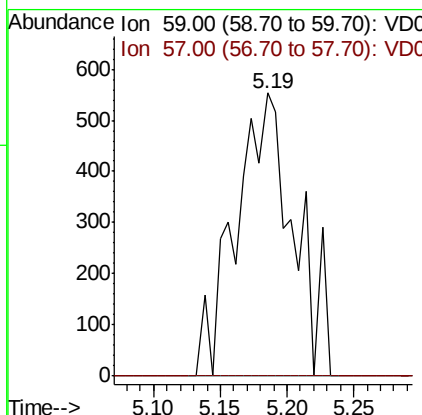
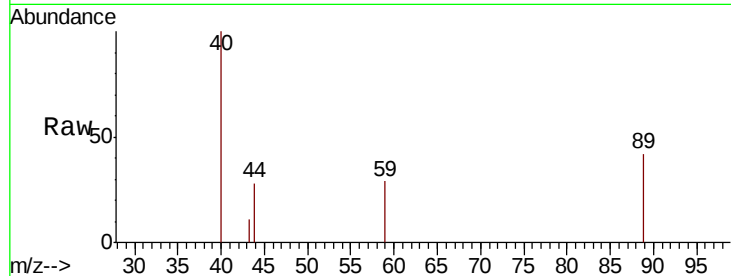


#11

Tert butyl alcohol
 Concen: 363.542 ug/l
 RT: 5.19 min Scan# 555
 Delta R.T. -0.03 min
 Lab File: VD065859.D
 Acq: 23 Jun 2020 14:48

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 ClientSampleID :
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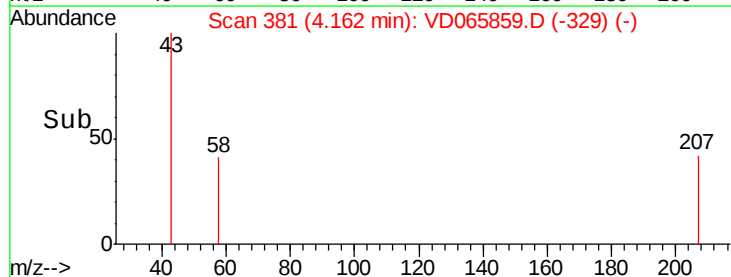
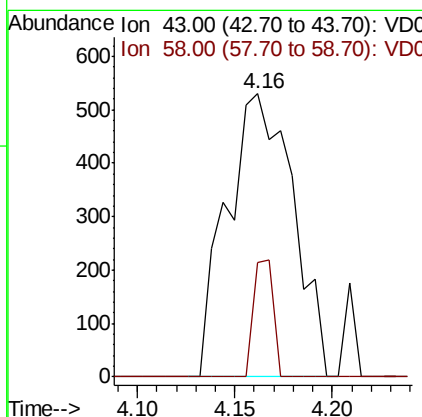
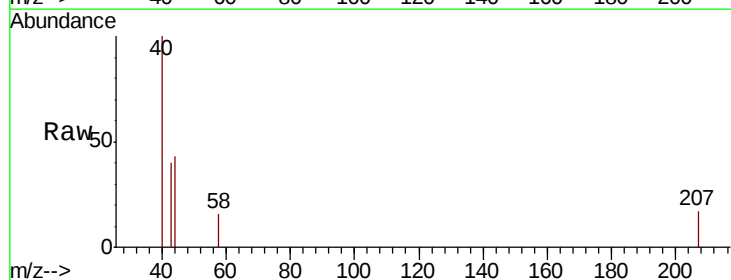
Tot Ion: 59 Resp: 1687
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.5 11.3#

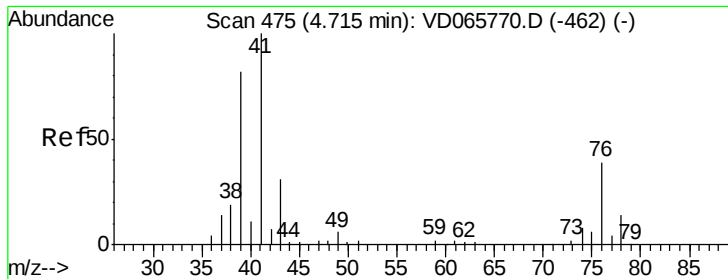


#16

Acetone
 Concen: 76.302 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD065859.D
 Acq: 23 Jun 2020 14:48

Tgt Ion: 43 Resp: 1247
 Ion Ratio Lower Upper
 43 100
 58 40.6 22.3 33.5#

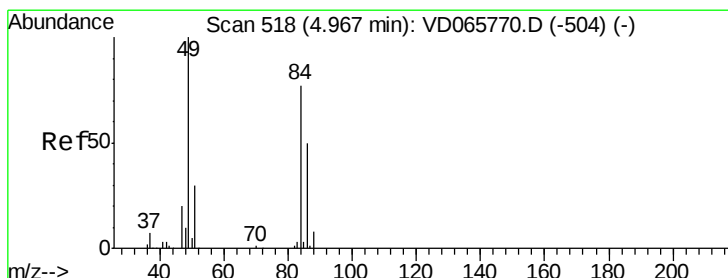
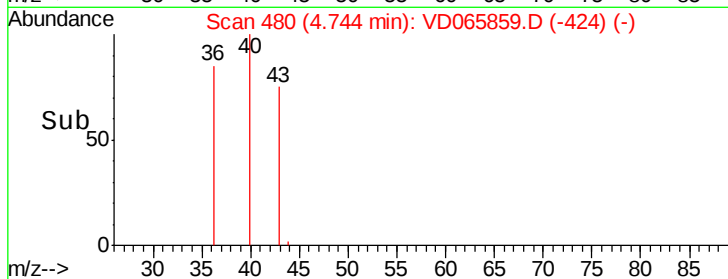
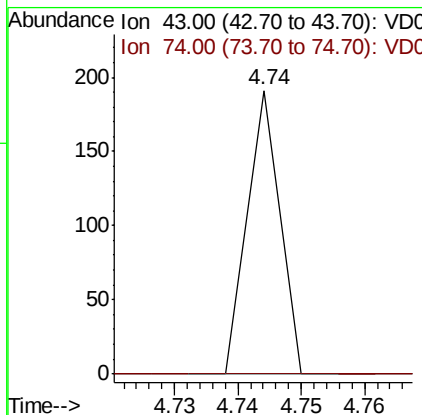
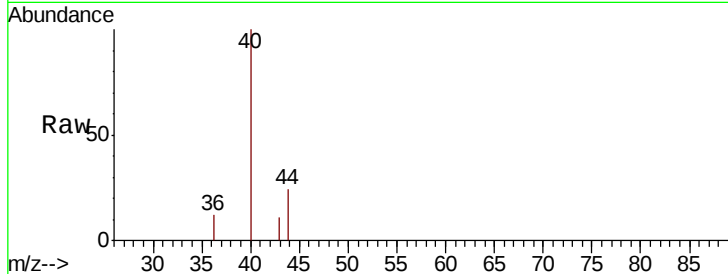




#18
Methyl Acetate
Concen: Below Cal
RT: 4.74 min Scan# 480
Delta R.T. 0.03 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

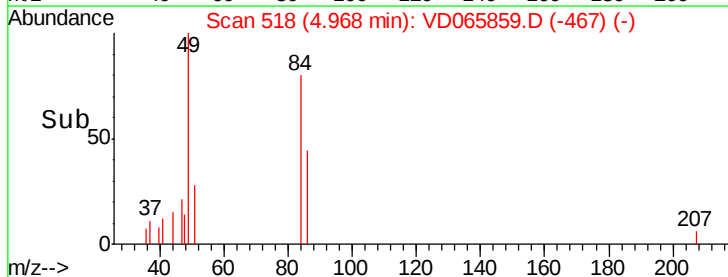
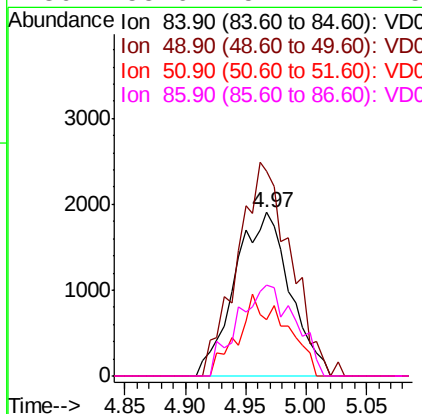
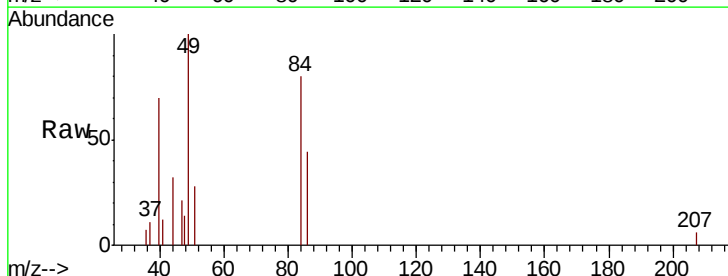
Instrument :
MSVOA_D
ClientSampleId :
SB-13

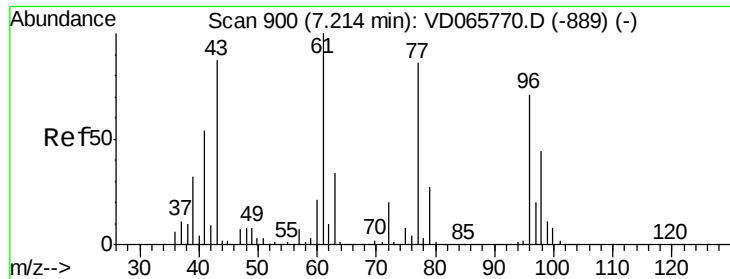
Tot Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#20
Methylene Chloride
Concen: 71.631 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

Tgt Ion: 84 Resp: 6050
Ion Ratio Lower Upper
84 100
49 125.7 103.4 155.0
51 34.8 31.4 47.2
86 55.6 51.7 77.5





#25

2-Butanone

Concen: 32.919 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065859.D

Acq: 23 Jun 2020 14:48

Instrument :

MSVOA_D

ClientSampled :

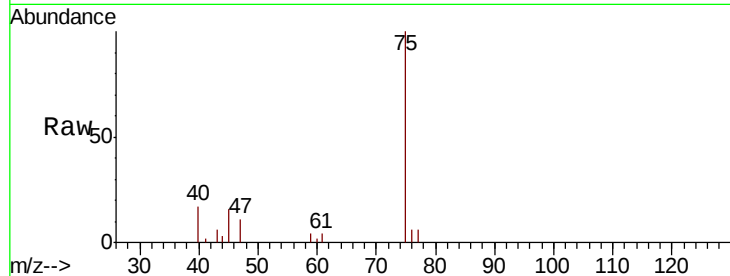
SB-13

Tot Ion: 43 Resp: 743

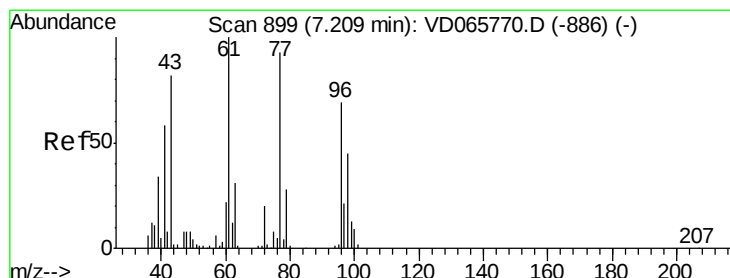
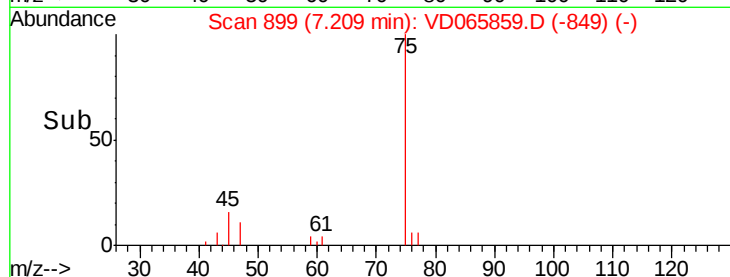
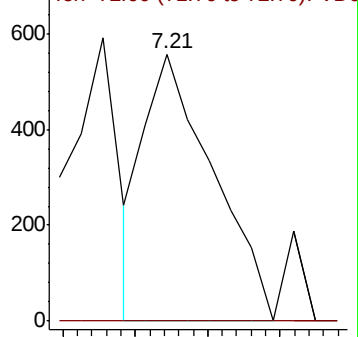
Ion Ratio Lower Upper

43 100

72 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC



#26

2,2-Dichloropropane

Concen: 9.638 ug/l

RT: 7.19 min Scan# 896

Delta R.T. -0.02 min

Lab File: VD065859.D

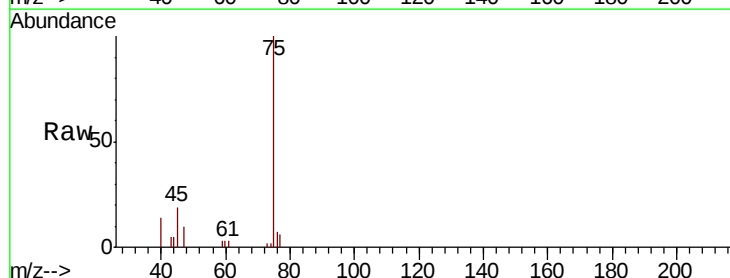
Acq: 23 Jun 2020 14:48

Tgt Ion: 77 Resp: 1385

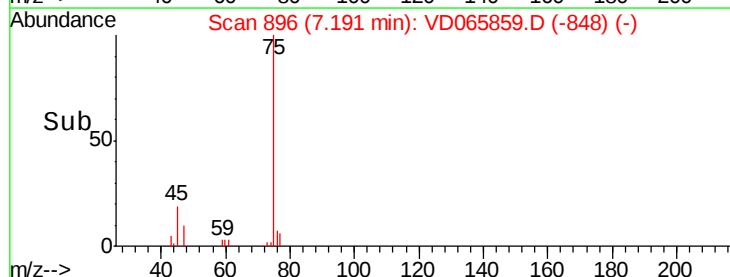
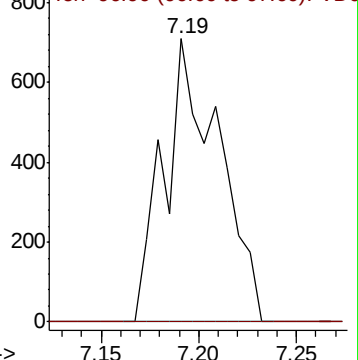
Ion Ratio Lower Upper

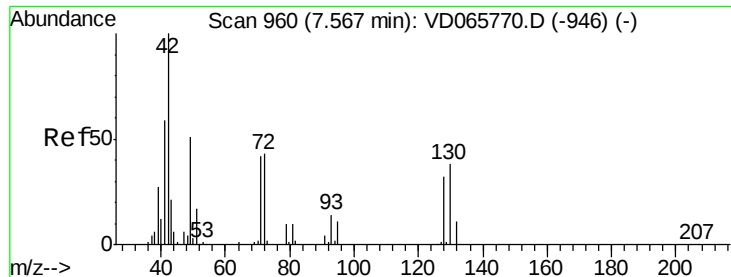
77 100

97 0.0 10.9 32.7#



Abundance Ion 76.90 (76.60 to 77.60): VDC

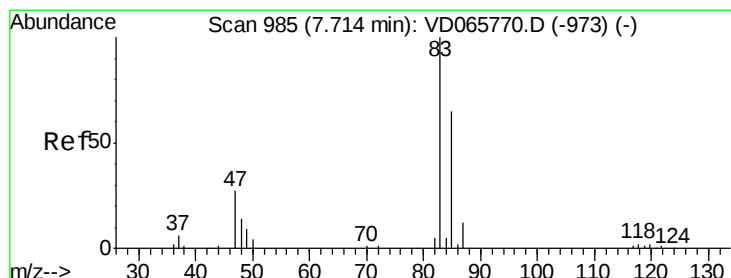
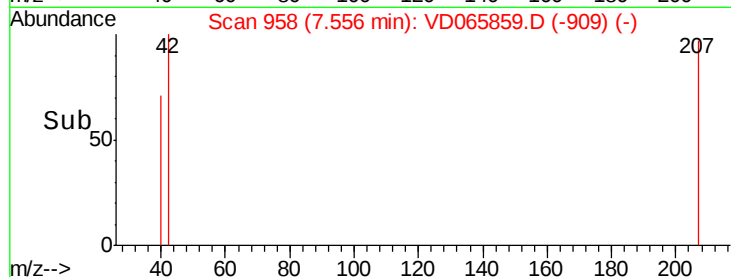
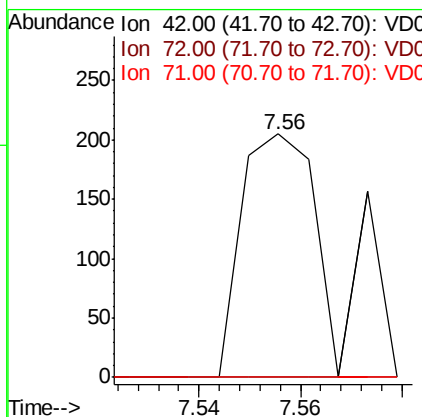
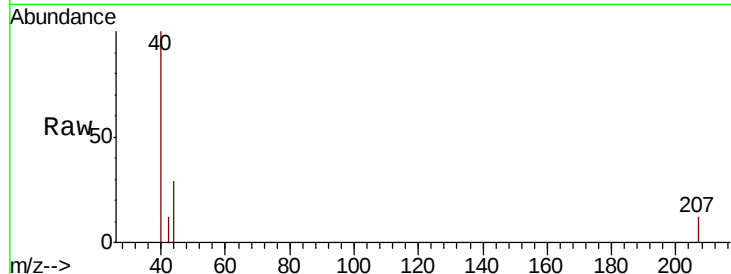




#29
Tetrahydrofuran
Concen: 14.231 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

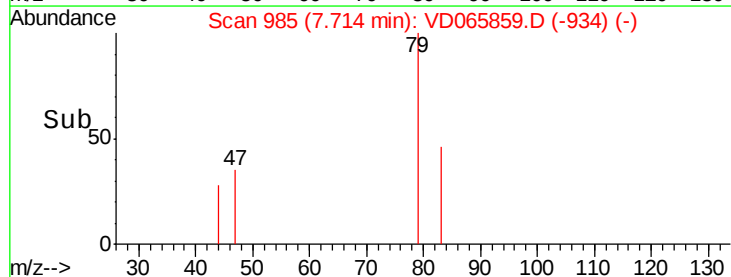
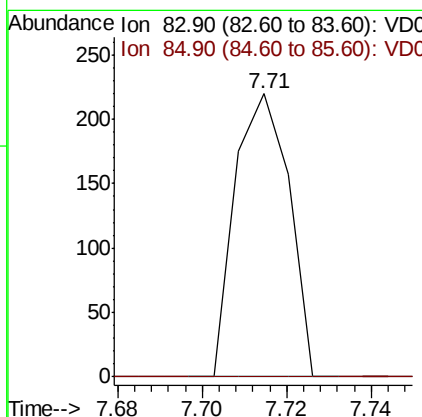
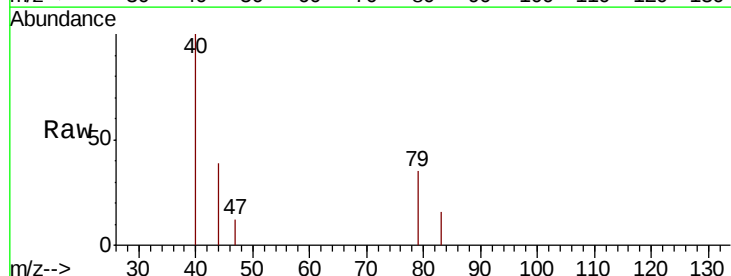
Instrument :
MSVOA_D
ClientSampled :
SB-13

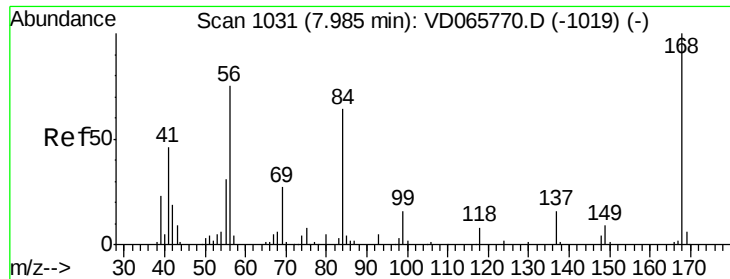
Tot Ion: 42 Resp: 203
Ion Ratio Lower Upper
42 100
72 0.0 34.9 52.3#
71 0.0 31.2 46.8#



#30
Chloroform
Concen: 1.161 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

Tgt Ion: 83 Resp: 195
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#

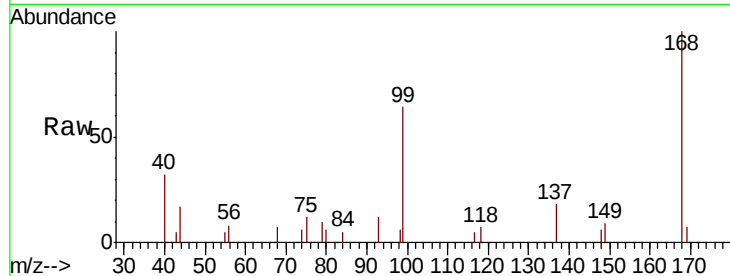




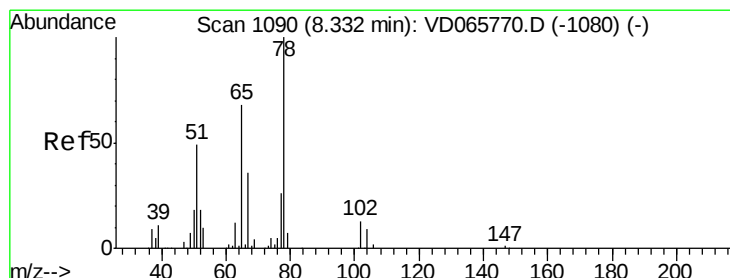
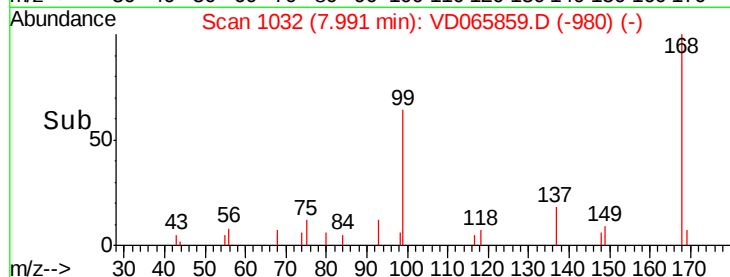
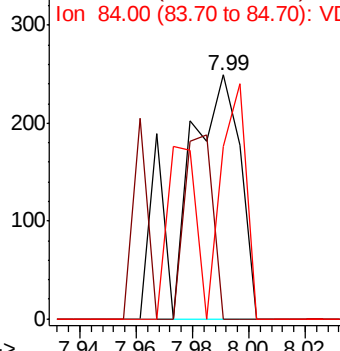
#31
Cyclohexane
Concen: 2.272 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
SB-13

Tot Ion: 56 Resp: 353
Ion Ratio Lower Upper
56 100
69 0.0 28.5 42.7#
84 70.7 68.4 102.6

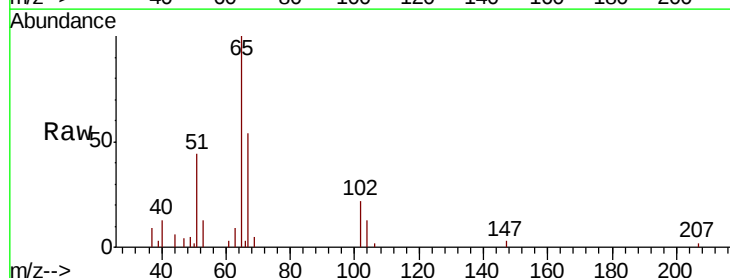


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

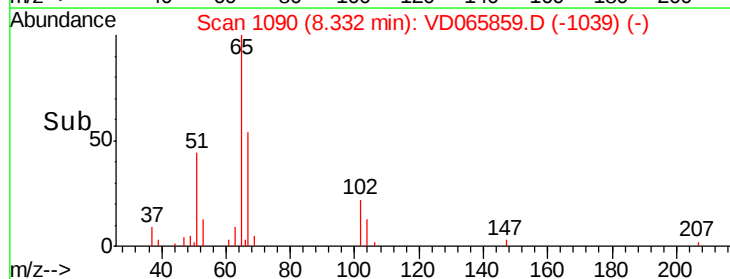
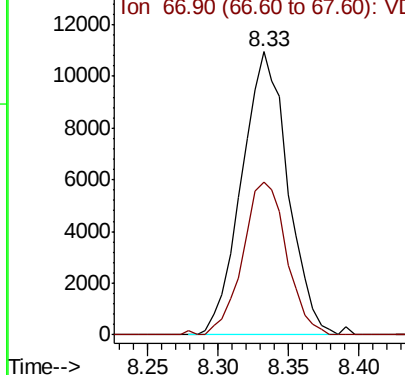


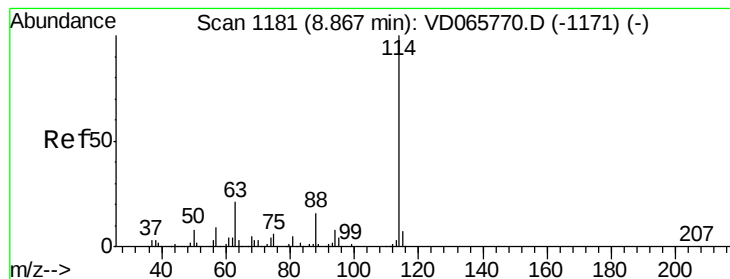
#33
1,2-Dichloroethane-d4
Concen: 289.545 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

Tgt Ion: 65 Resp: 25086
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065859.D

Acq: 23 Jun 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

SB-13

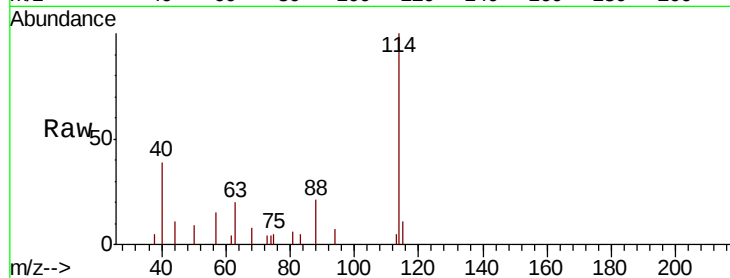
Tot Ion:114 Resp: 8572

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.8

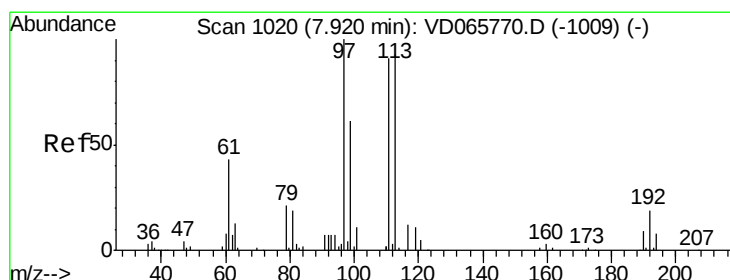
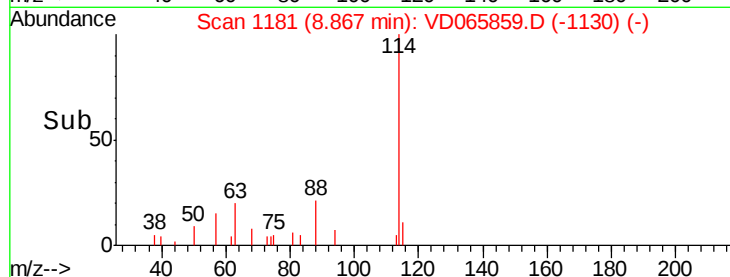
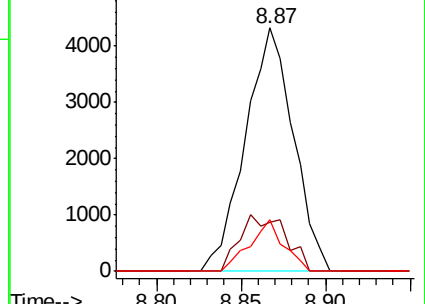
88 21.1 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 222.215 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065859.D

Acq: 23 Jun 2020 14:48

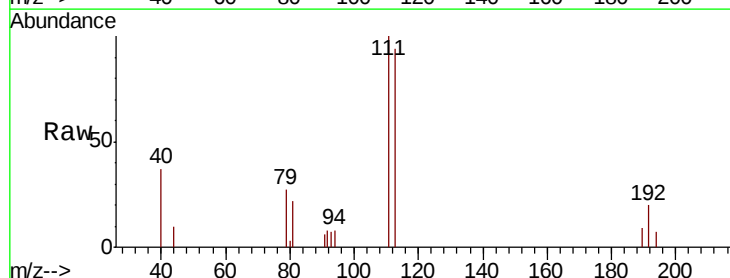
Tgt Ion:113 Resp: 12032

Ion Ratio Lower Upper

113 100

111 99.7 83.4 125.0

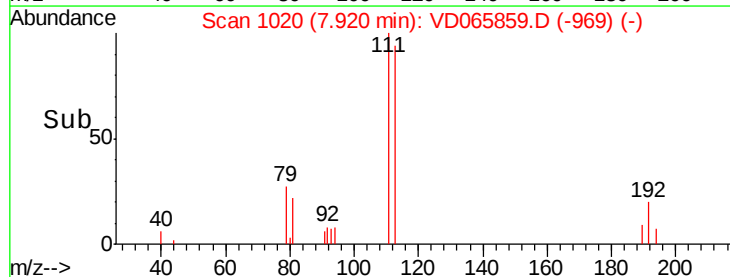
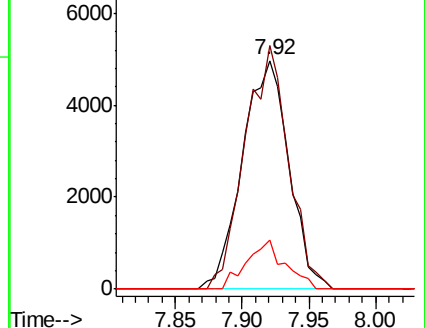
192 17.5 15.7 23.5

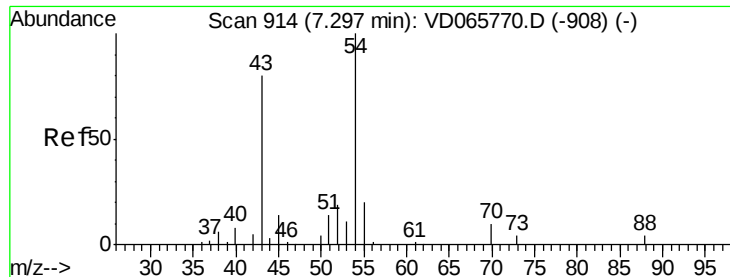


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

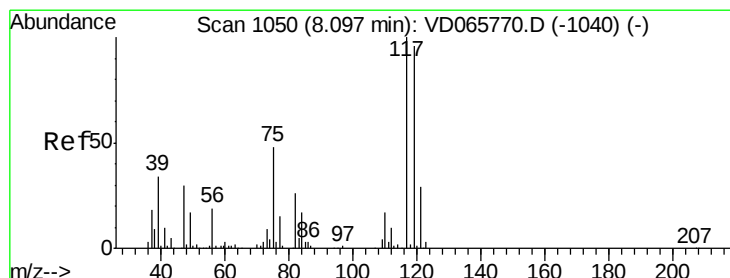
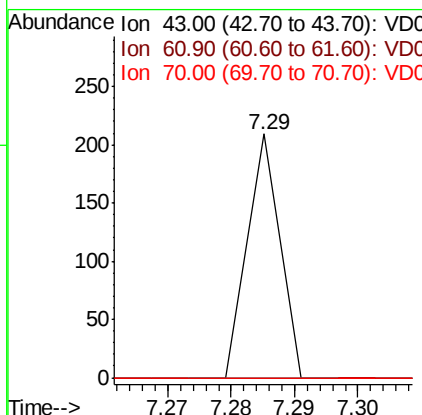
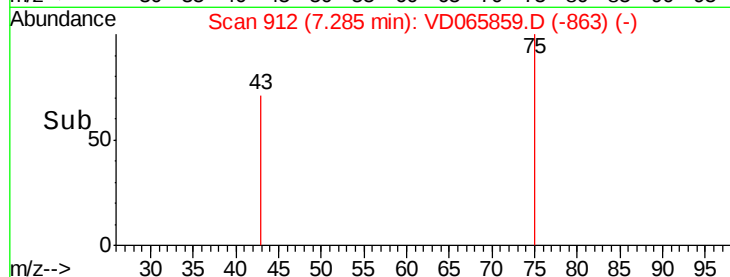
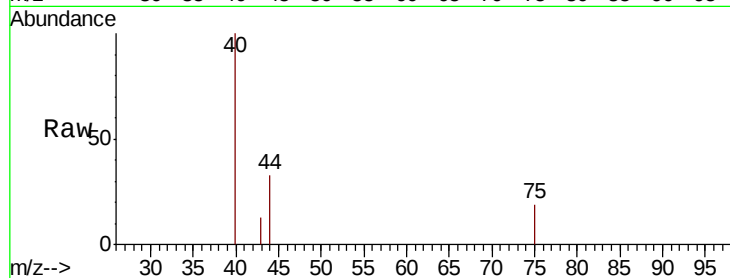




#37
Ethyl Acetate
Concen: 2.288 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

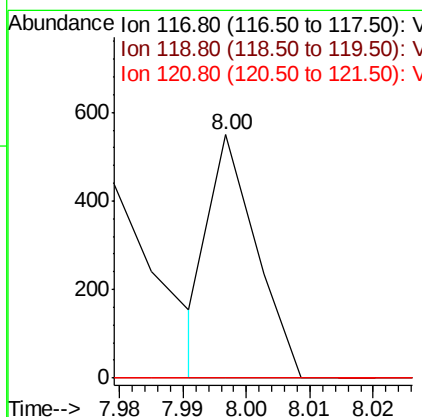
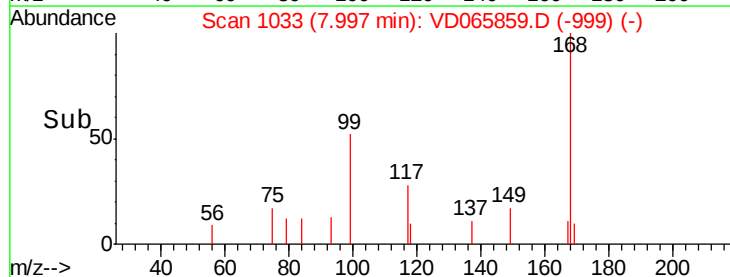
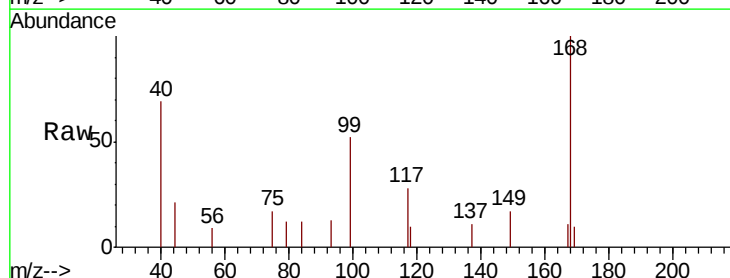
Instrument :
MSVOA_D
ClientSampled :
SB-13

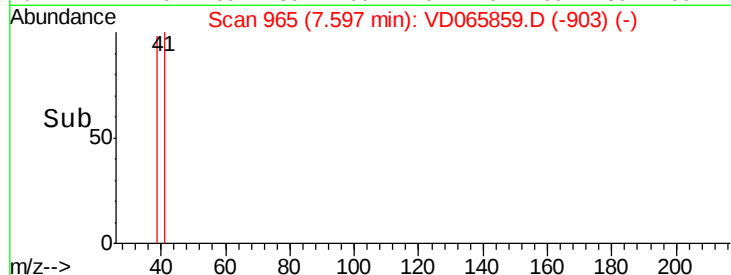
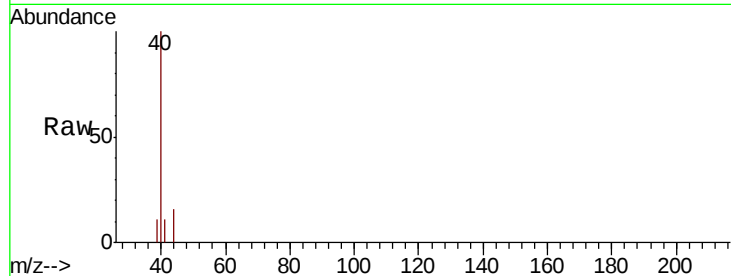
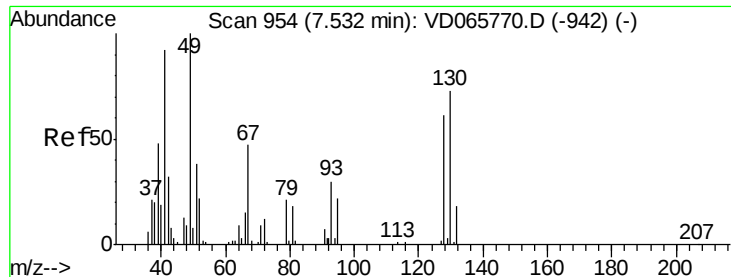
Tot Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 3.205 ug/l
RT: 8.00 min Scan# 1033
Delta R.T. -0.10 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

Tgt Ion: 117 Resp: 277
Ion Ratio Lower Upper
117 100
119 0.0 76.8 115.2#
121 0.0 23.4 35.2#

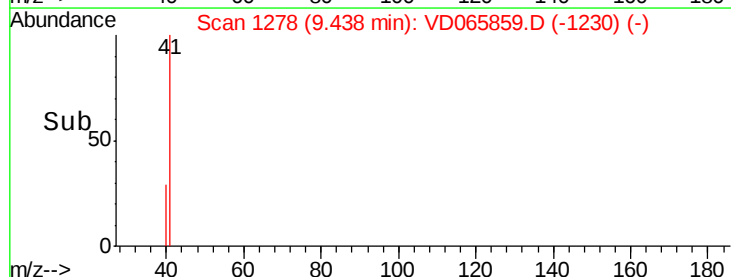
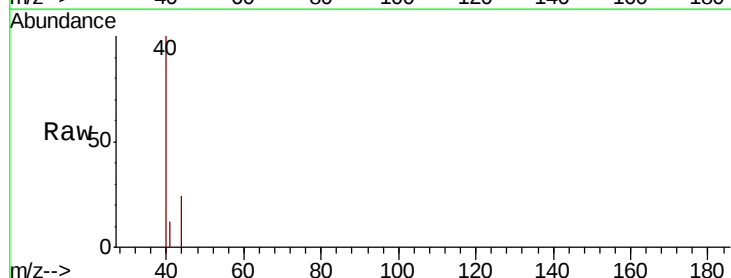
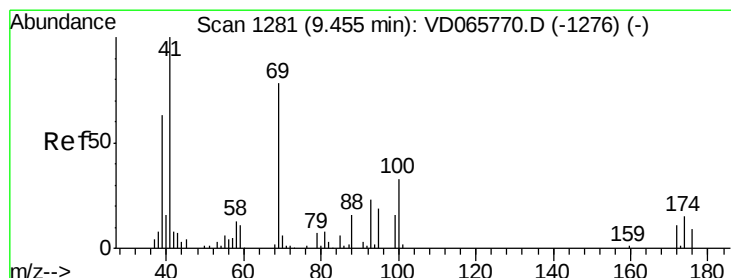
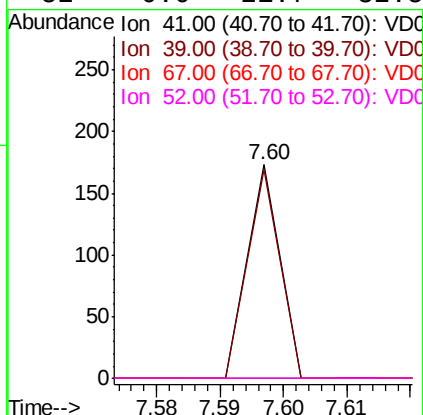




#41
Methacrylonitrile
Concen: 3.167 ug/l
RT: 7.60 min Scan# 965
Delta R.T. 0.06 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

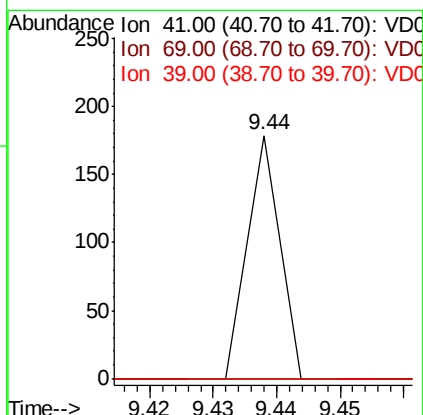
Instrument :
MSVOA_D
ClientSampleId :
SB-13

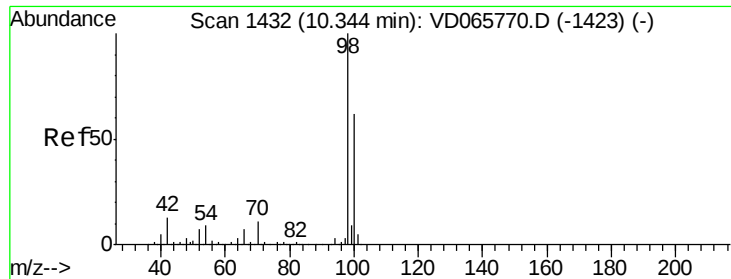
Tot Ion:	41	Resp:	61
Ion	Ratio	Lower	Upper
41	100		
39	98.4	38.3	57.5#
67	0.0	49.8	74.6#
52	0.0	21.7	32.5#



#48
Methyl methacrylate
Concen: 2.024 ug/l
RT: 9.44 min Scan# 1278
Delta R.T. -0.02 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

Tgt Ion:	41	Resp:	63
Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.9	91.3#
39	0.0	48.1	72.1#





#50

Toluene-d8

Concen: 15.735 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD065859.D

Acq: 23 Jun 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

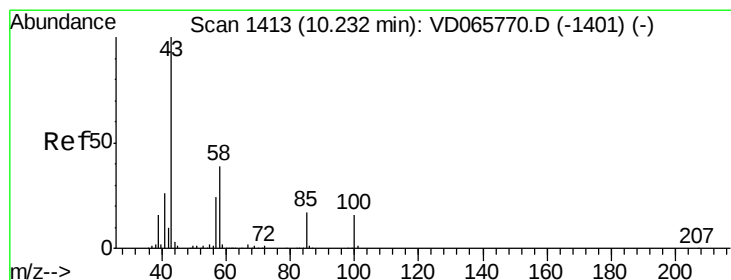
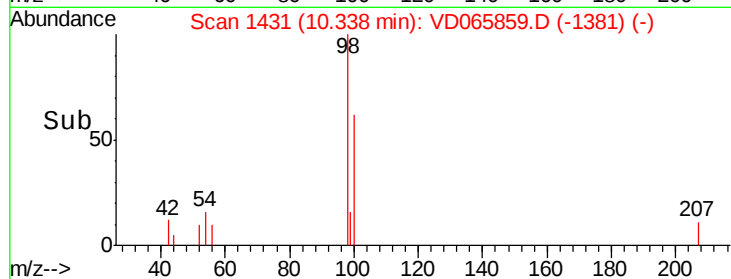
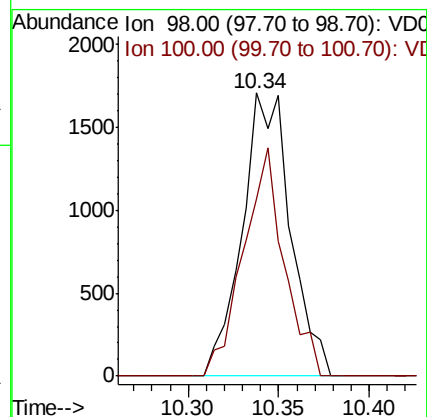
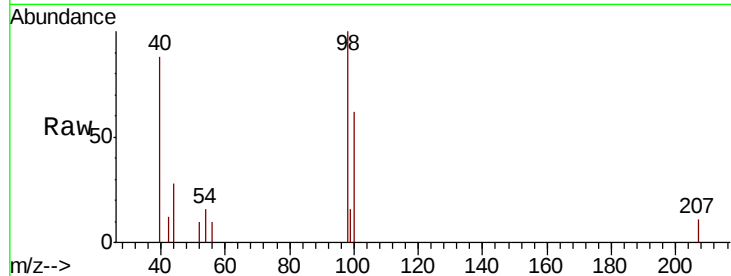
SB-13

Tot Ion: 98 Resp: 3177

Ion Ratio Lower Upper

98 100

100 67.7 51.4 77.2



#51

4-Methyl-2-Pentanone

Concen: 18.150 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VD065859.D

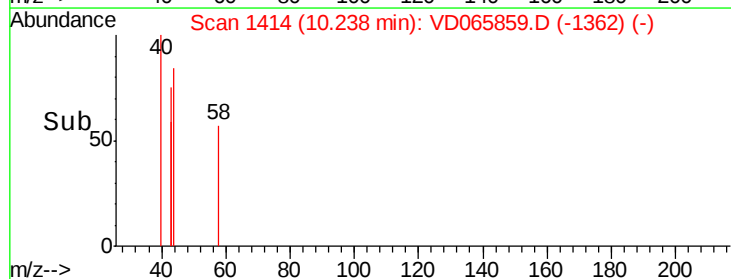
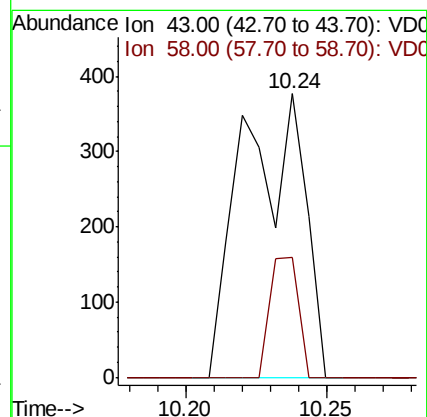
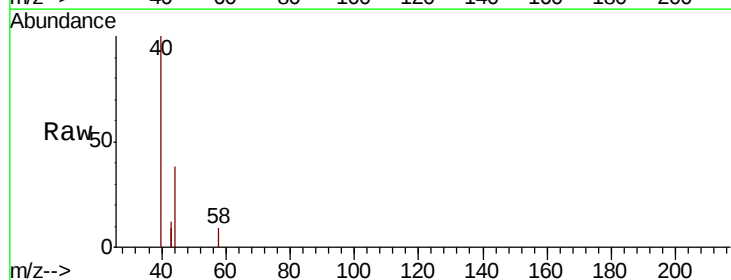
Acq: 23 Jun 2020 14:48

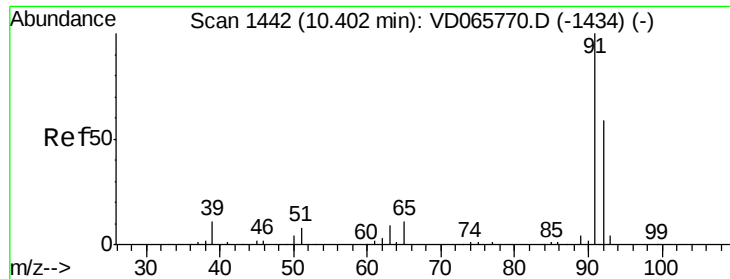
Tgt Ion: 43 Resp: 572

Ion Ratio Lower Upper

43 100

58 19.6 30.7 46.1#





#52

Toluene

Concen: 1.522 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD065859.D

Acq: 23 Jun 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

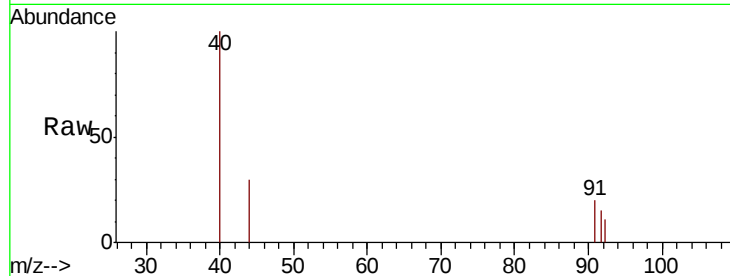
SB-13

Tot Ion: 92 Resp: 222

Ion Ratio Lower Upper

92 100

91 0.0 137.8 206.8#



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

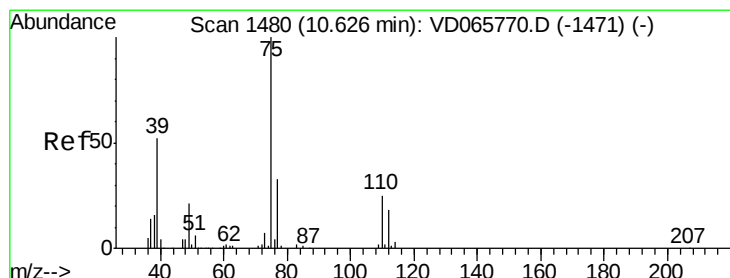
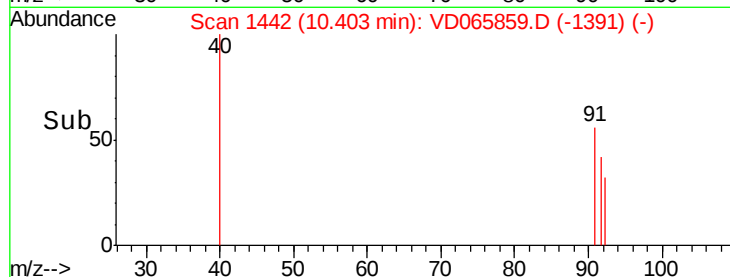
300

200

100

0

Time-->



#53

t-1,3-Dichloropropene

Concen: 9.794 ug/l

RT: 10.73 min Scan# 1497

Delta R.T. 0.10 min

Lab File: VD065859.D

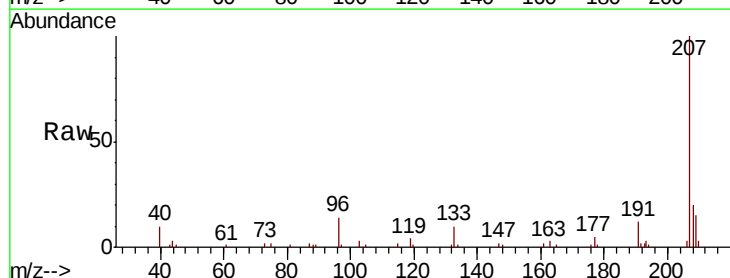
Acq: 23 Jun 2020 14:48

Tgt Ion: 75 Resp: 727

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

10.73

500

400

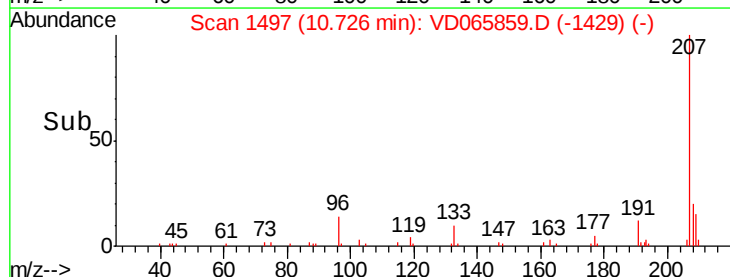
300

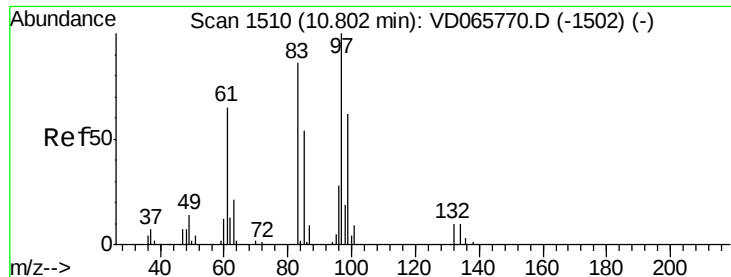
200

100

0

Time-->

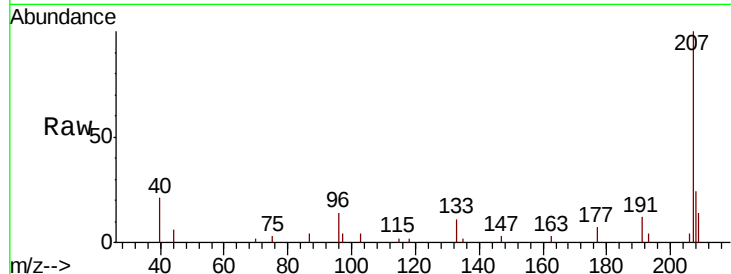




#55
 1,1,2-Trichloroethane
 Concen: 2.275 ug/l
 RT: 10.74 min Scan# 1500
 Delta R.T. -0.06 min
 Lab File: VD065859.D
 Acq: 23 Jun 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13

Tot 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#



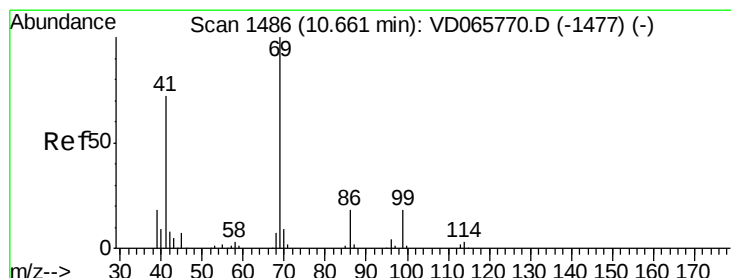
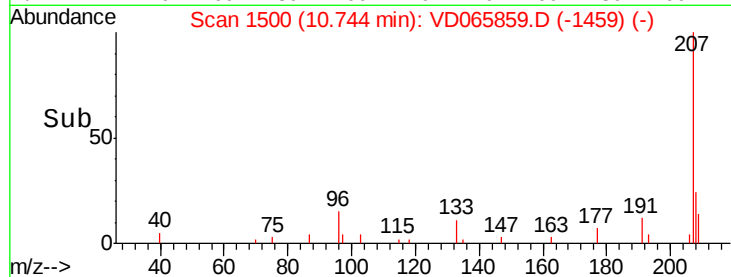
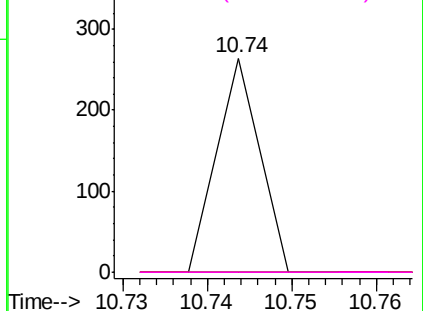
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

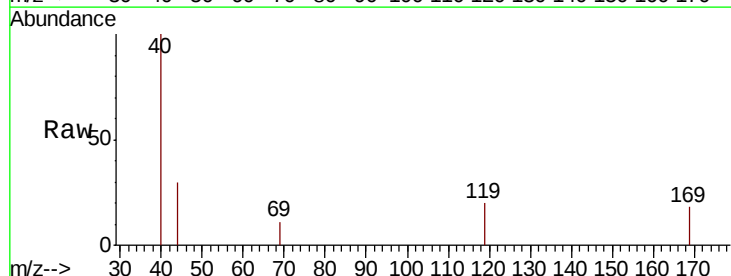
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 1.165 ug/l
 RT: 10.83 min Scan# 1514
 Delta R.T. 0.16 min
 Lab File: VD065859.D
 Acq: 23 Jun 2020 14:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.9	85.3#
39	0.0	36.0	54.0#

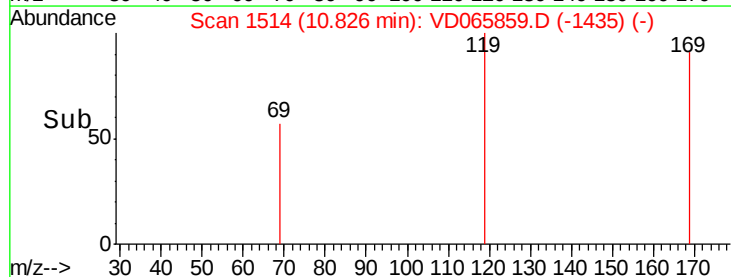
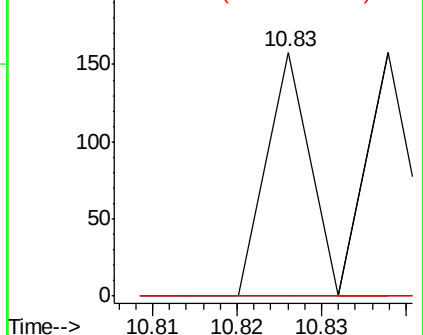


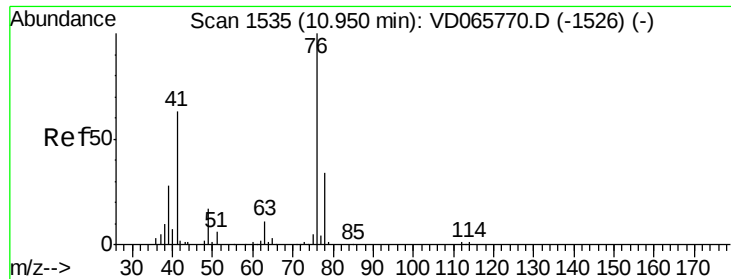
Abundance

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: 1.017 ug/l

RT: 11.08 min Scan# 1558

Delta R.T. 0.14 min

Lab File: VD065859.D

Acq: 23 Jun 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

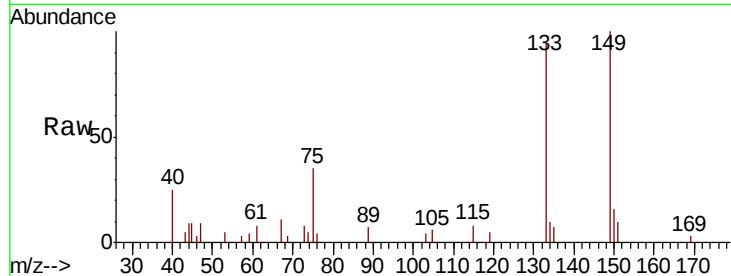
SB-13

Tot Ion: 76 Resp: 72

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

11.08

200

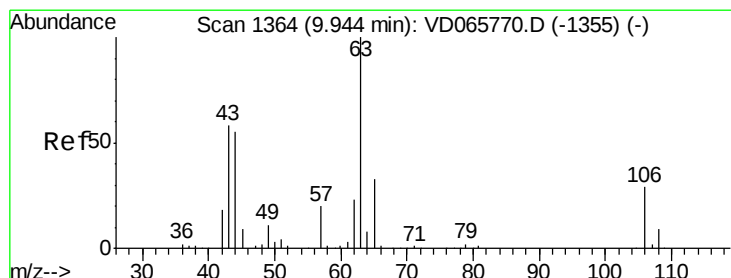
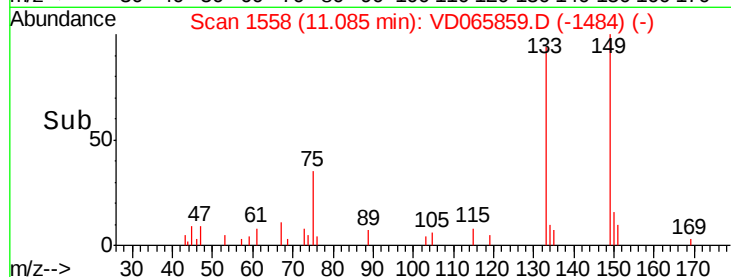
150

100

50

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 5.413 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD065859.D

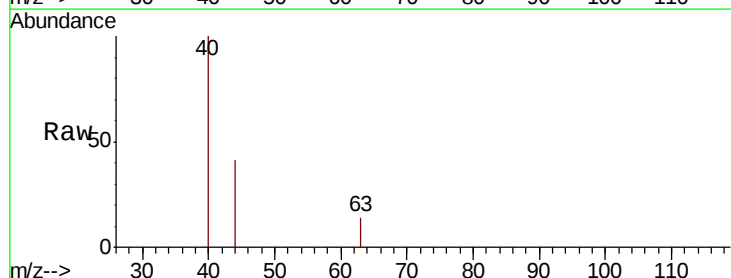
Acq: 23 Jun 2020 14:48

Tgt Ion: 63 Resp: 121

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

9.94

200

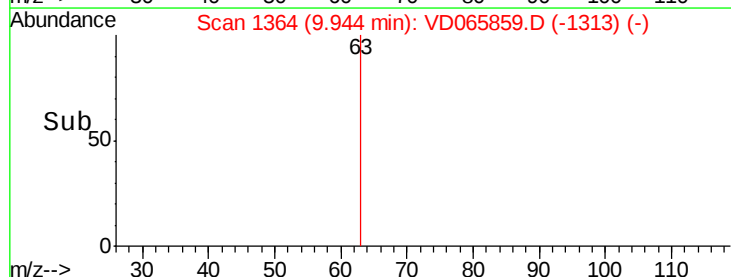
150

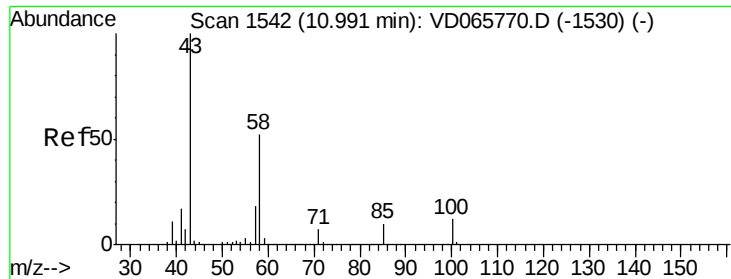
100

50

0

Time-->





#59

2-Hexanone

Concen: 8.472 ug/l

RT: 11.11 min Scan# 1562

Delta R.T. 0.12 min

Lab File: VD065859.D

Acq: 23 Jun 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

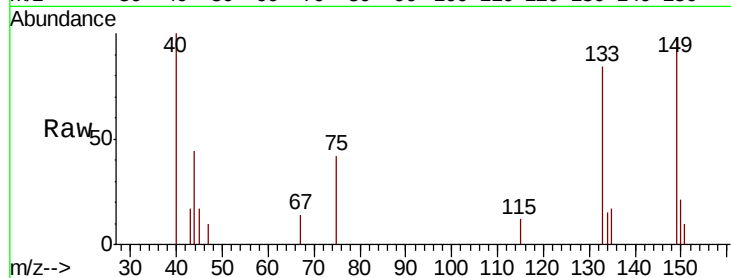
SB-13

Tot Ion: 43 Resp: 180

Ion Ratio Lower Upper

43 100

58 33.9 25.7 77.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

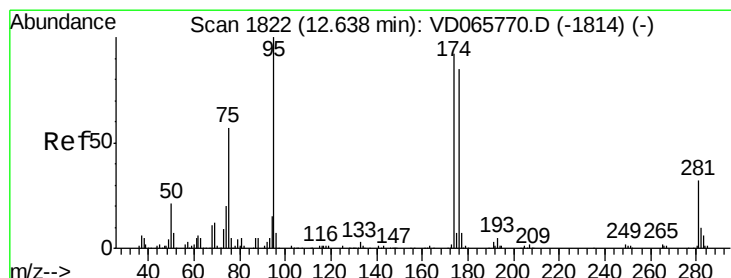
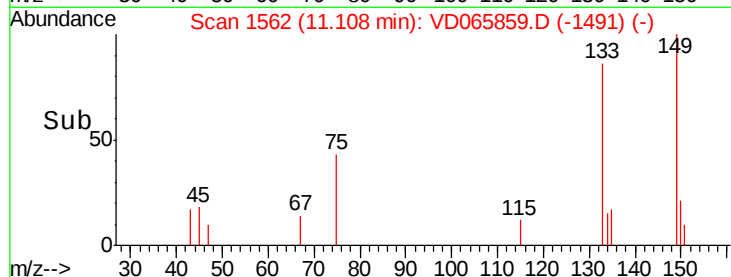
Ion 58.00 (57.70 to 58.70): VDC

11.11

11.10

11.12

Time-->



#62

4-Bromofluorobenzene

Concen: 105.312 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065859.D

Acq: 23 Jun 2020 14:48

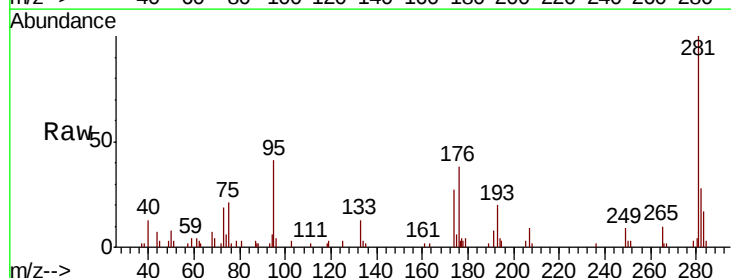
Tgt Ion: 95 Resp: 7211

Ion Ratio Lower Upper

95 100

174 85.5 0.0 175.2

176 82.6 0.0 163.0



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

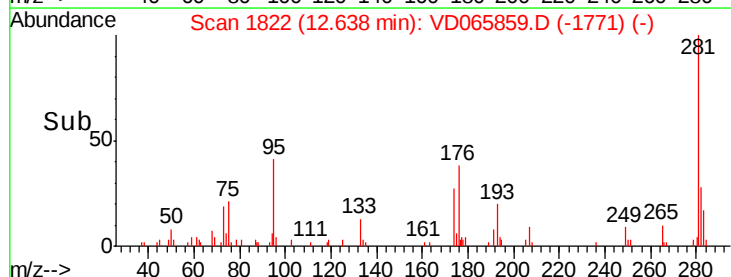
Ion 175.80 (175.50 to 176.50): V

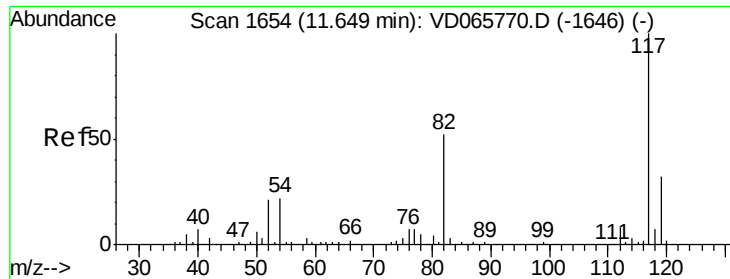
12.64

12.60

12.65

Time-->

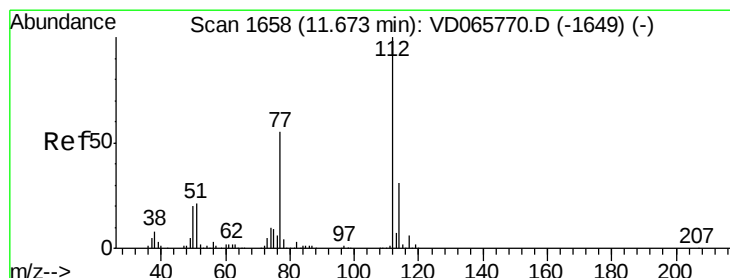
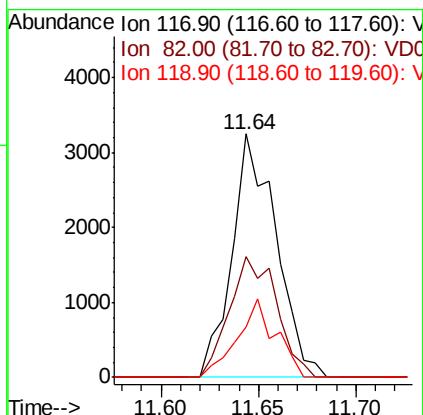
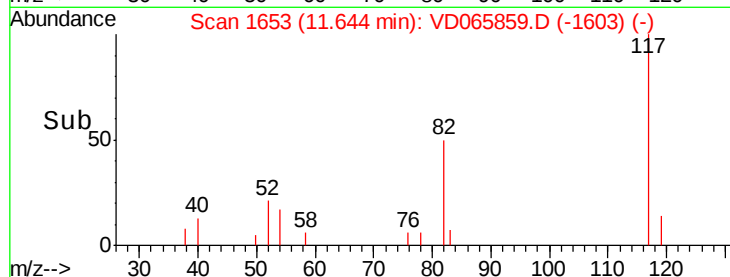
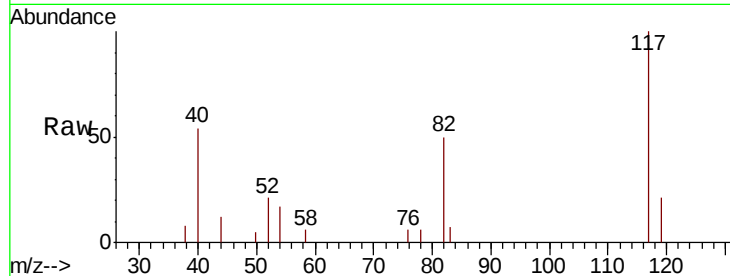




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

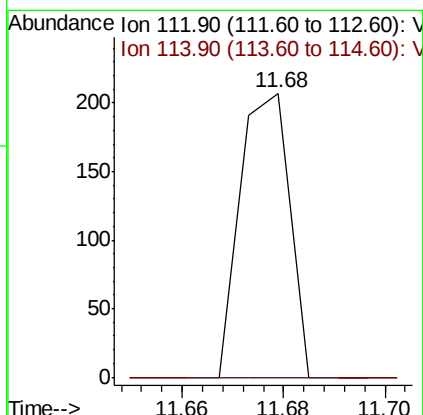
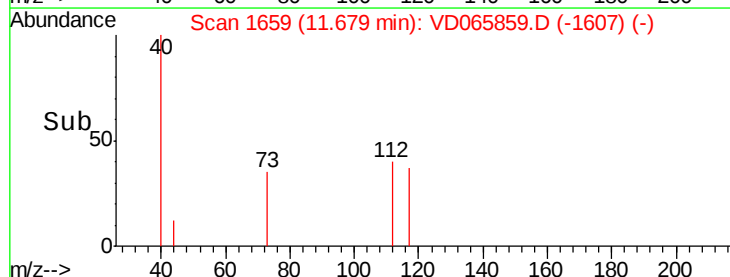
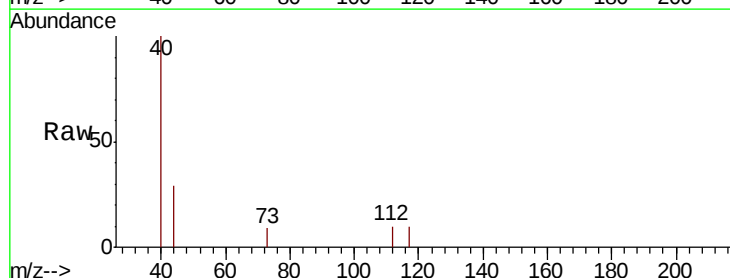
Instrument :
MSVOA_D
ClientSampleId :
SB-13

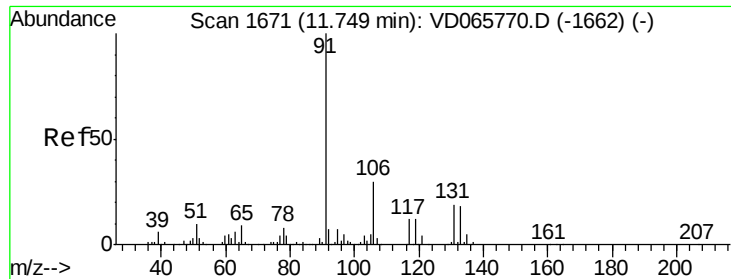
Tot Ion:117 Resp: 5083
Ion Ratio Lower Upper
117 100
82 49.7 41.9 62.9
119 20.6 25.3 37.9#



#65
Chlorobenzene
Concen: 1.411 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

Tgt Ion:112 Resp: 140
Ion Ratio Lower Upper
112 100
114 0.0 24.7 37.1#

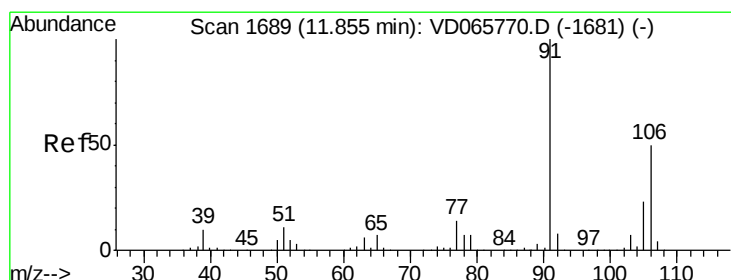
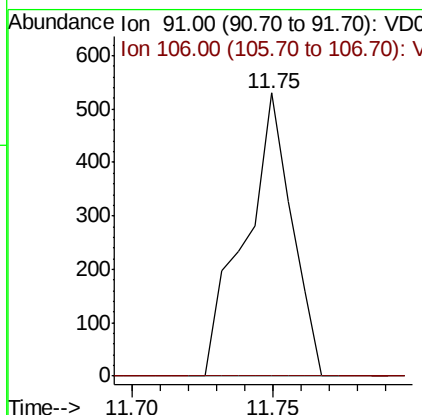
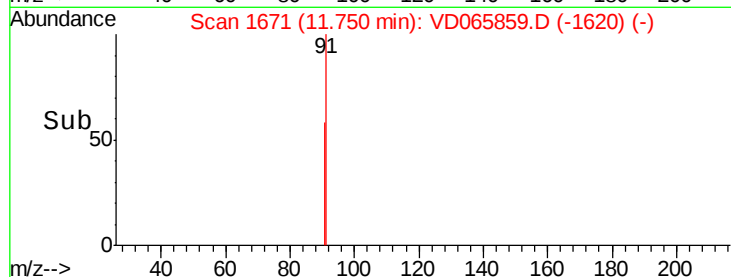
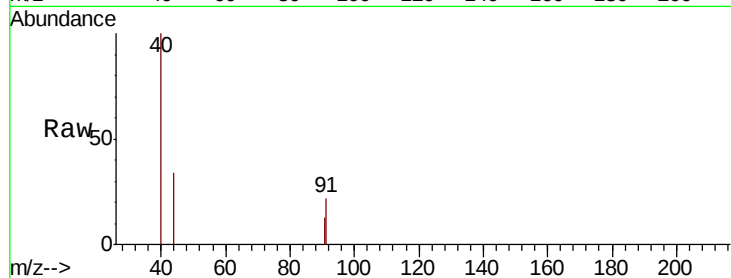




#67
Ethyl Benzene
Concen: 3.441 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

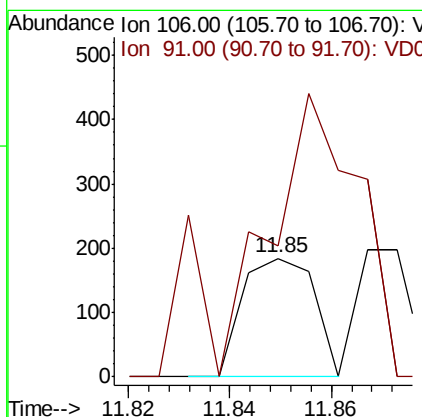
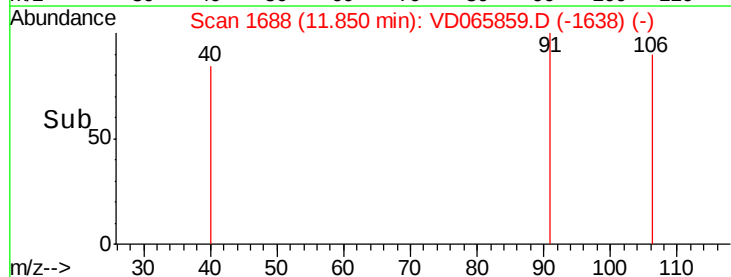
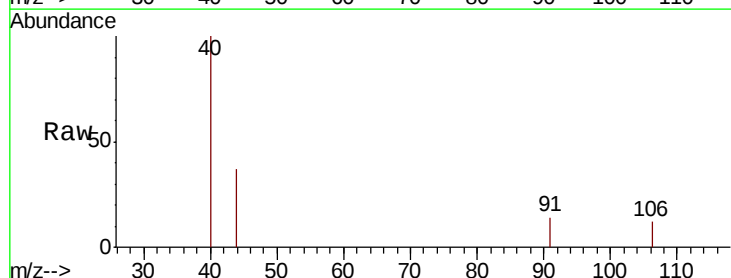
Instrument :
MSVOA_D
ClientSampled :
SB-13

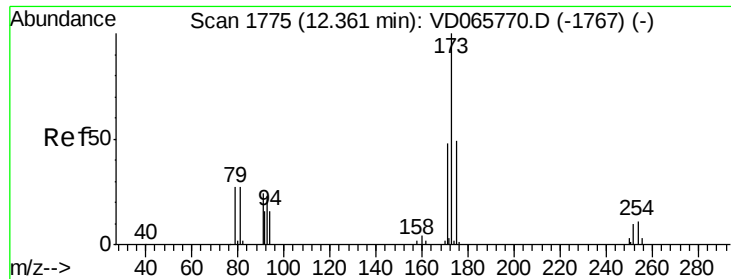
Tot Ion: 91 Resp: 610
Ion Ratio Lower Upper
91 100
106 0.0 24.1 36.1#



#68
m/p-Xylenes
Concen: 2.651 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD065859.D
Acq: 23 Jun 2020 14:48

Tgt Ion: 106 Resp: 181
Ion Ratio Lower Upper
106 100
91 292.3 159.4 239.2#





#71

Bromoform

Concen: 3.142 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.27 min

Lab File: VD065859.D

Acq: 23 Jun 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

SB-13

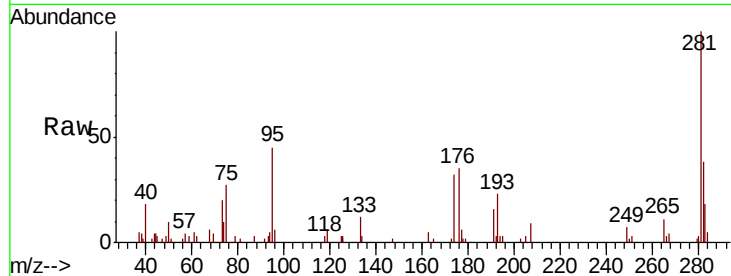
Tot Ion:173 Resp: 64

Ion Ratio Lower Upper

173 100

175 0.0 24.8 74.4#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

800

600

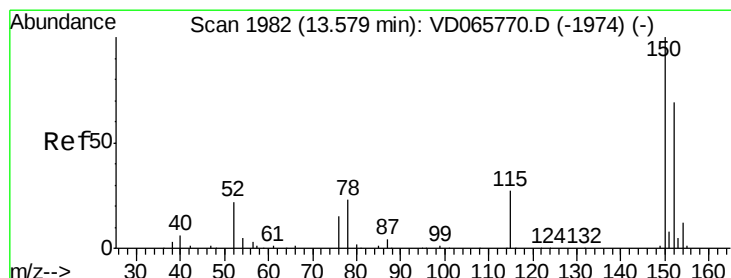
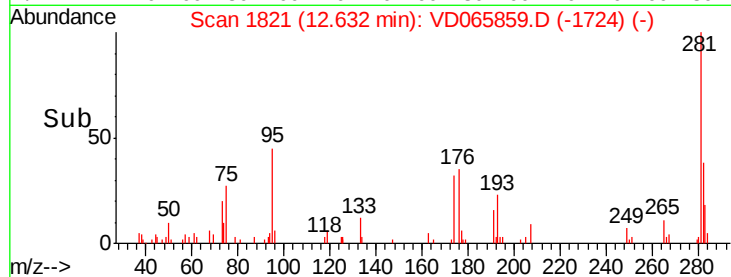
400

200

0

12.62 12.63 12.64

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065859.D

Acq: 23 Jun 2020 14:48

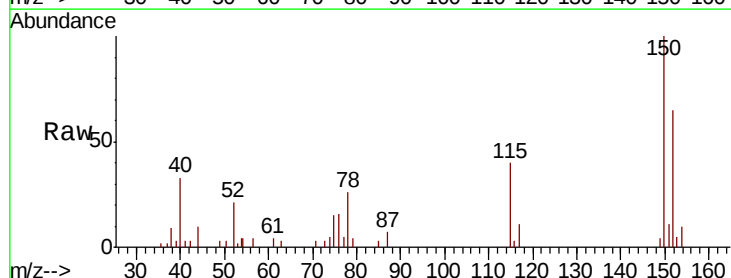
Tgt Ion:152 Resp: 8008

Ion Ratio Lower Upper

152 100

115 56.0 28.7 86.1

150 148.4 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

8000

6000

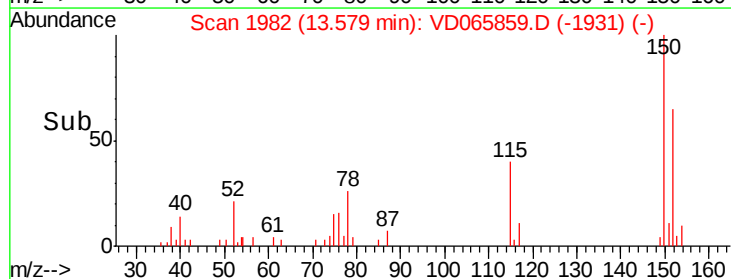
4000

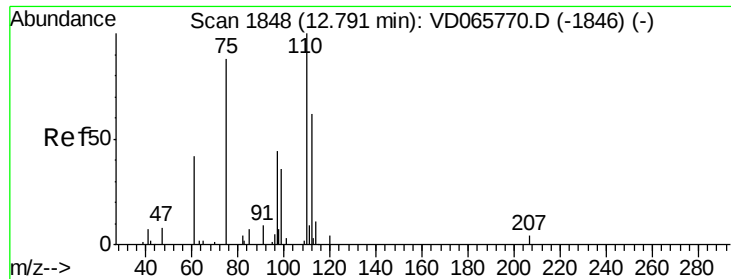
2000

0

13.55 13.60

Time-->





#76

1,2,3-Trichloropropane

Concen: 68.305 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.16 min

Lab File: VD065859.D

Acq: 23 Jun 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

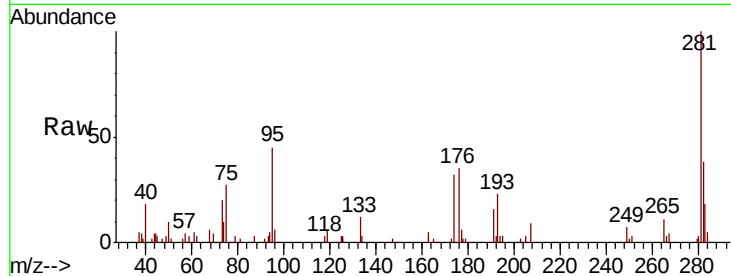
SB-13

Tot Ion: 75 Resp: 4254

Ion Ratio Lower Upper

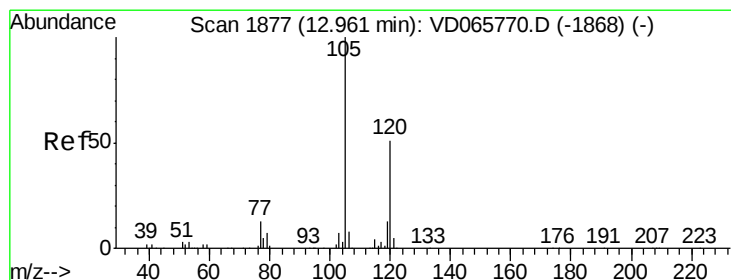
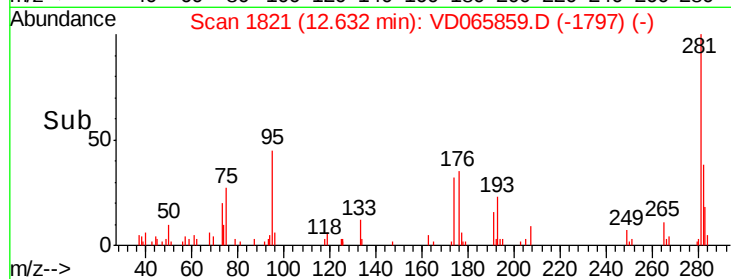
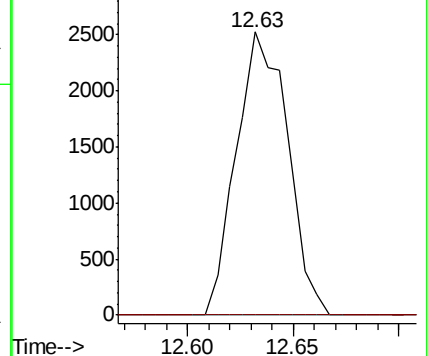
75 100

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



#80

1,3,5-Trimethylbenzene

Concen: 1.094 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD065859.D

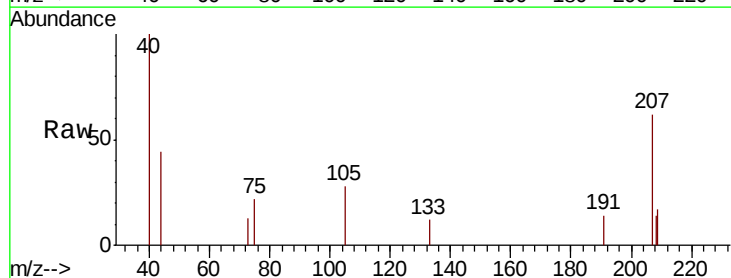
Acq: 23 Jun 2020 14:48

Tgt Ion: 105 Resp: 489

Ion Ratio Lower Upper

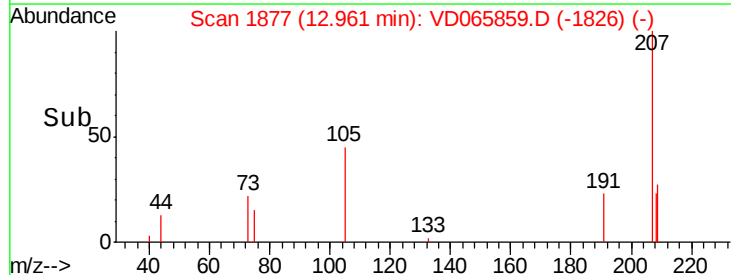
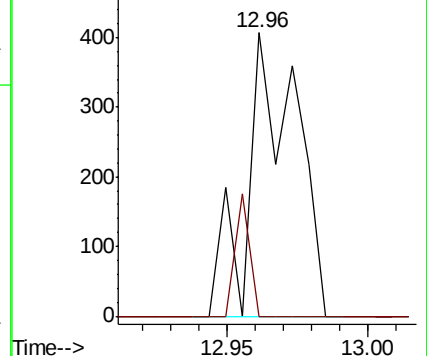
105 100

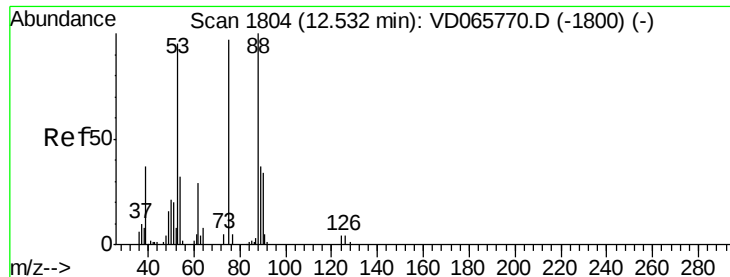
120 12.7 25.4 76.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 147.582 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD065859.D

Acq: 23 Jun 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

SB-13

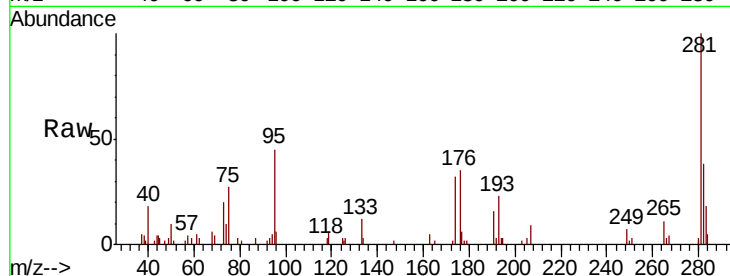
Tot Ion: 75 Resp: 4254

Ion Ratio Lower Upper

75 100

53 0.0 82.6 123.8#

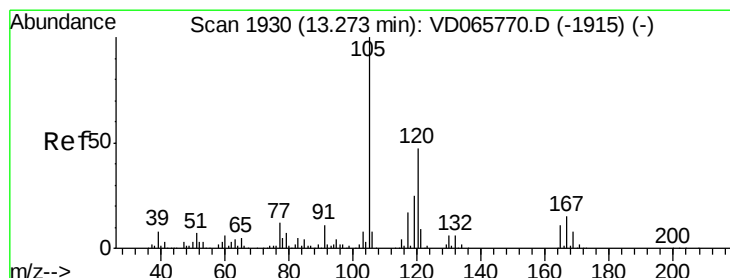
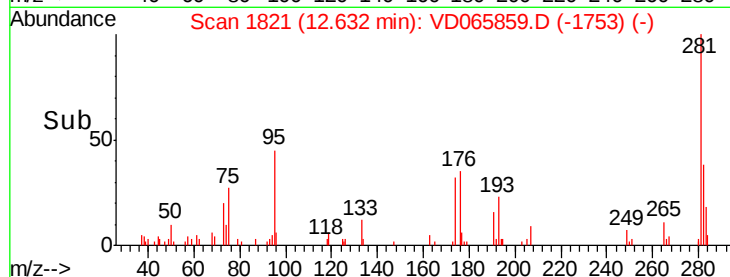
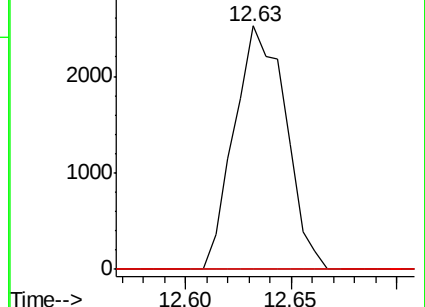
89 0.0 35.9 53.9#



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



#84

1,2,4-Trimethylbenzene

Concen: 1.080 ug/l

RT: 13.28 min Scan# 1932

Delta R.T. 0.01 min

Lab File: VD065859.D

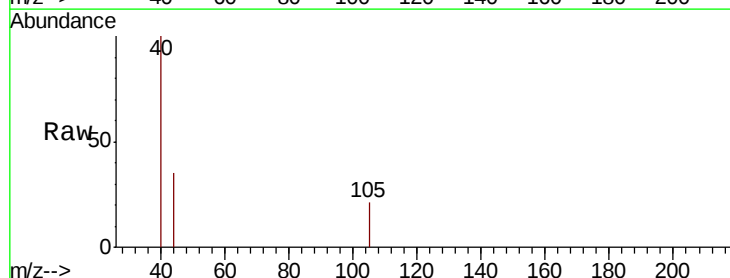
Acq: 23 Jun 2020 14:48

Tgt Ion:105 Resp: 483

Ion Ratio Lower Upper

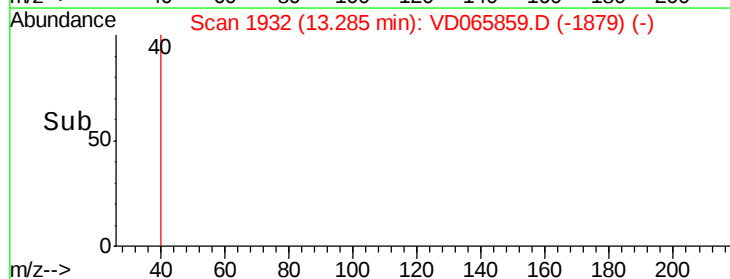
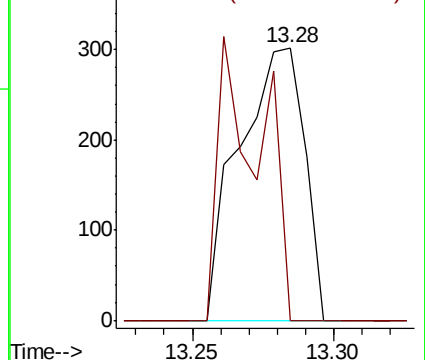
105 100

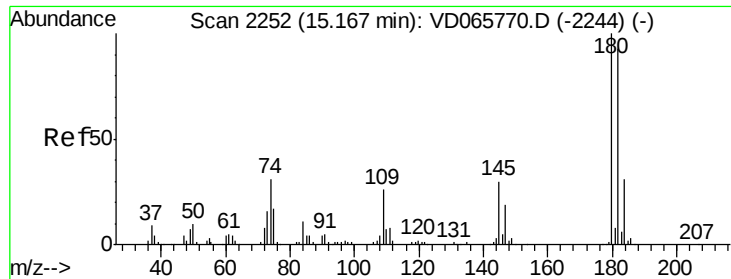
120 0.0 23.3 69.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

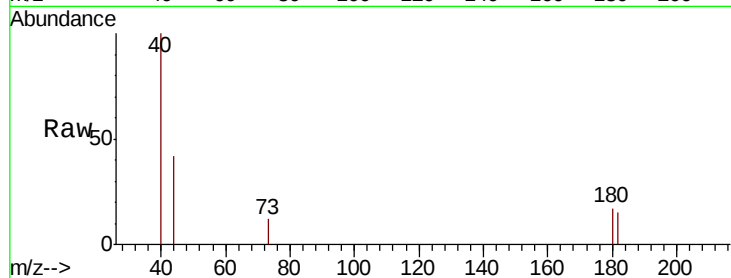




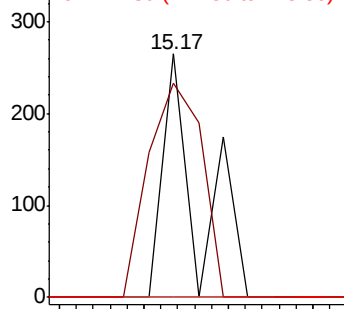
#93
 1,2,4-Trichlorobenzene
 Concen: 1.058 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD065859.D
 Acq: 23 Jun 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13

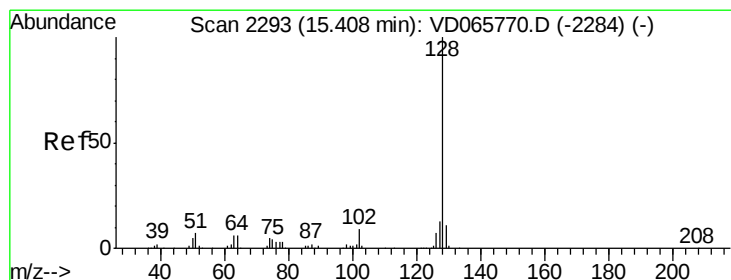
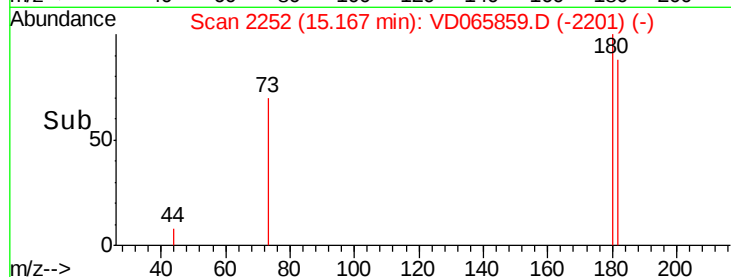
Tot Ion	Ratio	Lower	Upper
180	100		
182	132.3	48.0	144.2
145	0.0	14.9	44.9#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

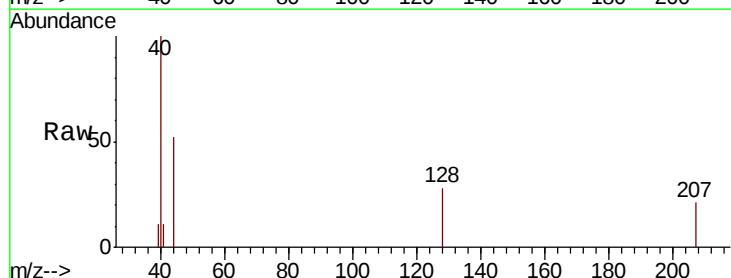


Time--> 15.14 15.16 15.18 15.20

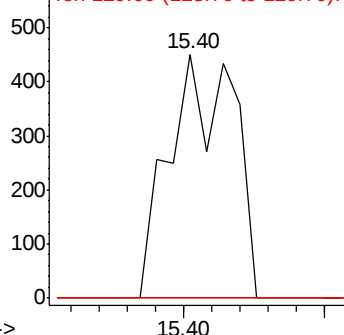


#95
 Naphthalene
 Concen: 2.876 ug/l
 RT: 15.40 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: VD065859.D
 Acq: 23 Jun 2020 14:48

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.6	12.8#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V



Time--> 15.40

