

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066959.D
 Acq On : 30 Sep 2020 01:55
 Operator : VA/SY
 Sample : L4179-06
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-10(12-14)

Quant Time: Sep 30 04:23:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	436059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	723324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	769176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	372415	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	194010	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	
35) Dibromofluoromethane	7.91	113	217071	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
50) Toluene-d8	10.34	98	880516	56.16	ug/l	0.00
Spiked Amount			Recovery	=	112.32%	
62) 4-Bromofluorobenzene	12.63	95	340242	63.39	ug/l	0.00
Spiked Amount			Recovery	=	126.78%	

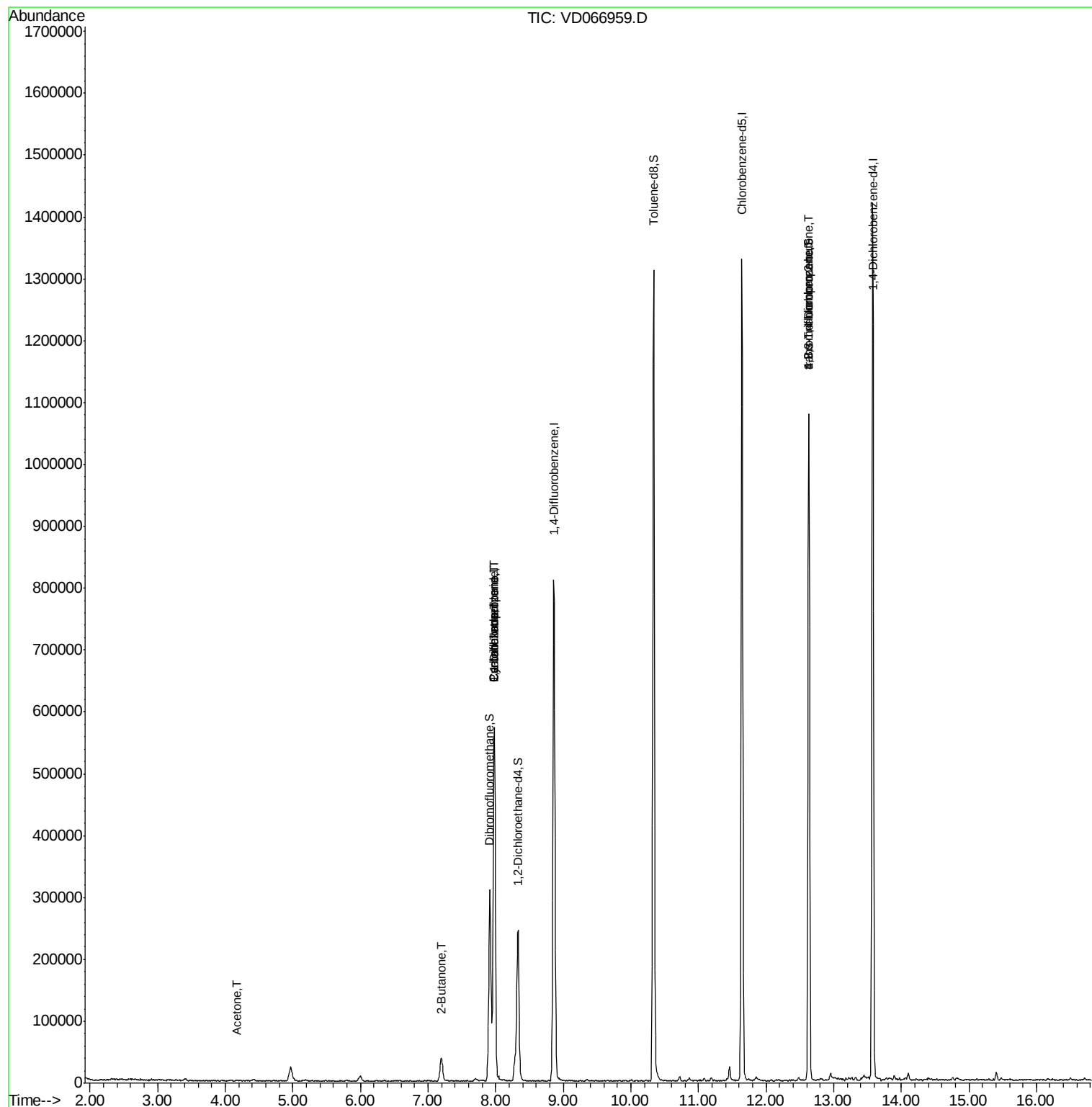
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	606	Below Cal	#	46
11) Tert butyl alcohol	5.19	59	876	Below Cal	#	72
16) Acetone	4.17	43	2510	2.772	ug/l #	87
18) Methyl Acetate	4.93	43	78	Below Cal	#	50
20) Methylene Chloride	4.96	84	16463	Below Cal	#	83
25) 2-Butanone	7.20	43	2252	2.070	ug/l #	84
31) Cyclohexane	7.97	56	9794	1.262	ug/l #	41
36) 1,1-Dichloropropene	7.98	75	33669	4.692	ug/l #	50
38) Carbon Tetrachloride	7.97	117	44382	5.657	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	172343	55.842	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	172343	139.711	ug/l #	10

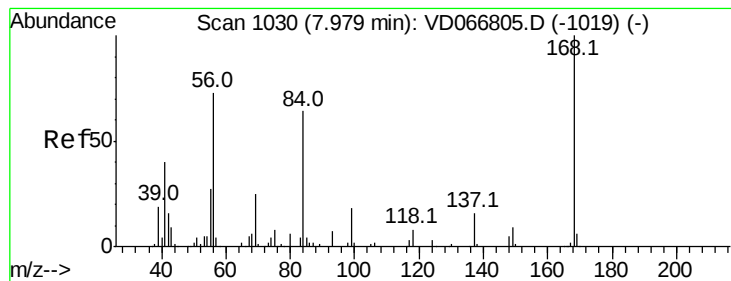
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092920\
Data File : VD066959.D
Acq On : 30 Sep 2020 01:55
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B-10(12-14)

Quant Time: Sep 30 04:23:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066959.D

Acq: 30 Sep 2020 01:55

Instrument :

MSVOA_D

ClientSampleId :

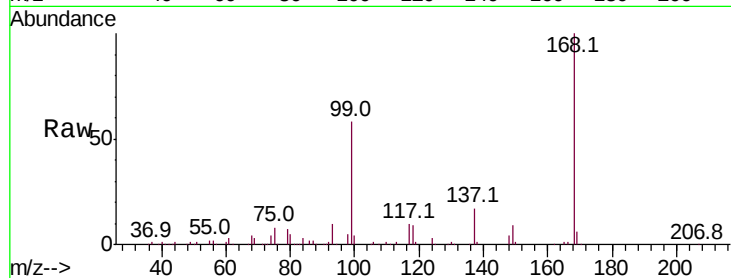
B-10(12-14)

Tot Ion:168 Resp: 436059

Ion Ratio Lower Upper

168 100

99 58.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

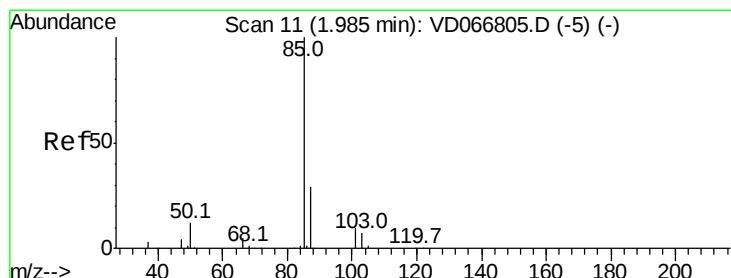
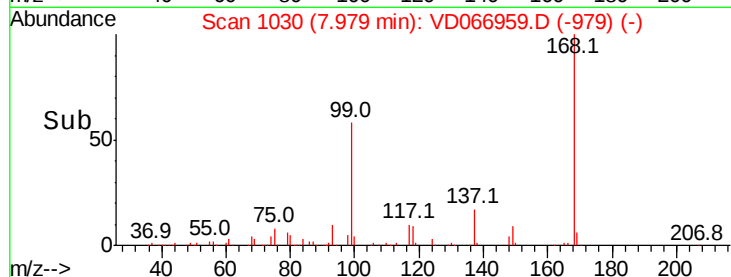
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066959.D

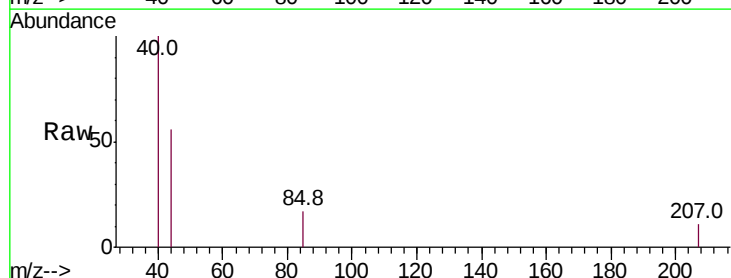
Acq: 30 Sep 2020 01:55

Tgt Ion: 85 Resp: 606

Ion Ratio Lower Upper

85 100

87 0.0 14.5 43.5#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

800

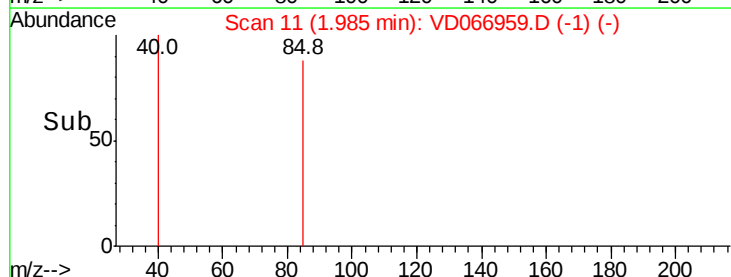
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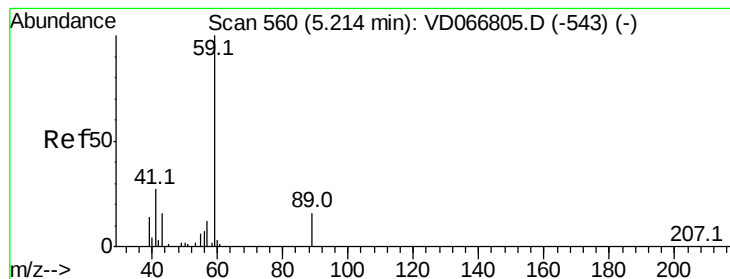
400

200

0

Time-->



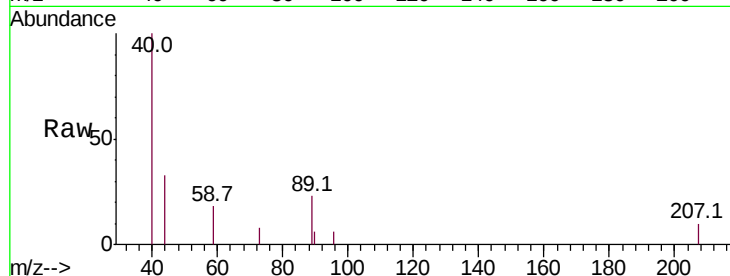


#11

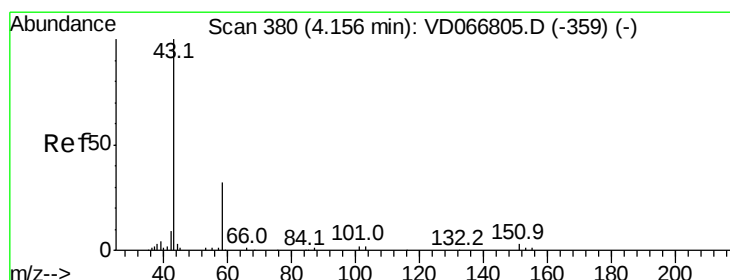
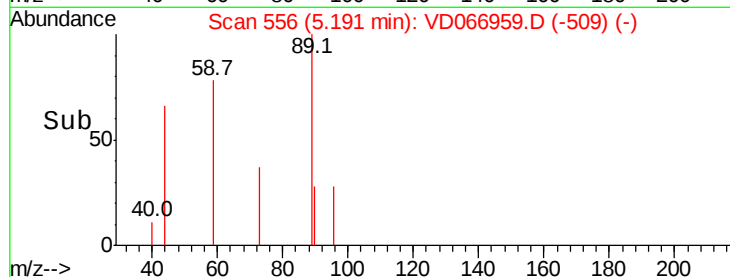
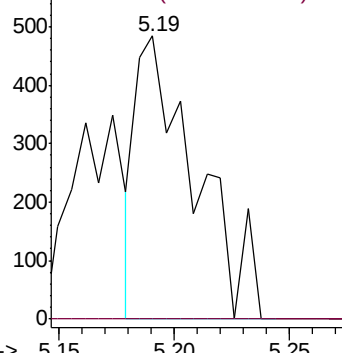
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.19 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: VD066959.D
 Acq: 30 Sep 2020 01:55

Instrument :
 MSVOA_D
 ClientSampled :
 B-10(12-14)

Tot Ion: 59 Resp: 876
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#



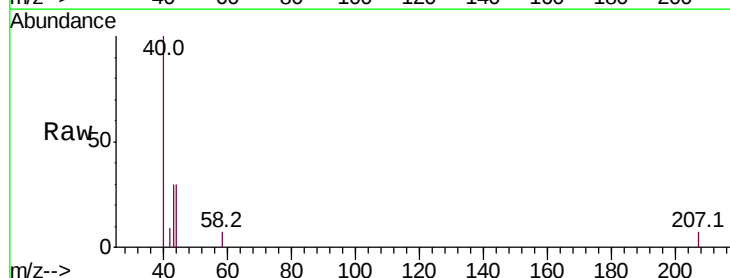
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



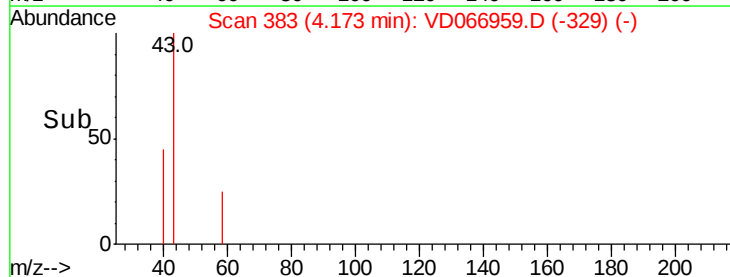
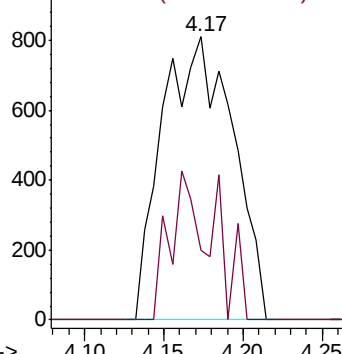
#16

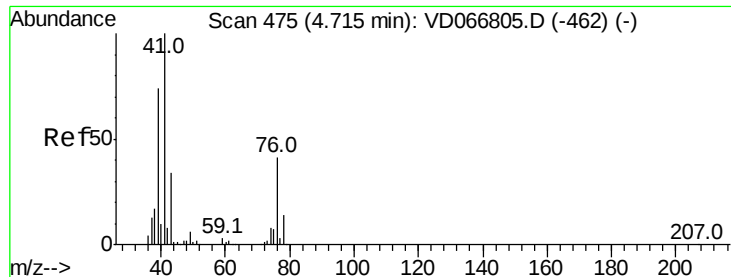
Acetone
 Concen: 2.772 ug/l
 RT: 4.17 min Scan# 383
 Delta R.T. 0.02 min
 Lab File: VD066959.D
 Acq: 30 Sep 2020 01:55

Tgt Ion: 43 Resp: 2510
 Ion Ratio Lower Upper
 43 100
 58 24.8 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

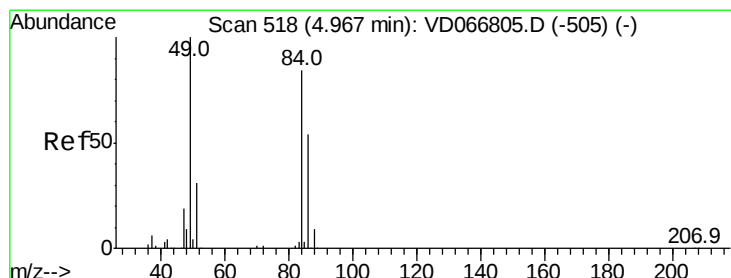
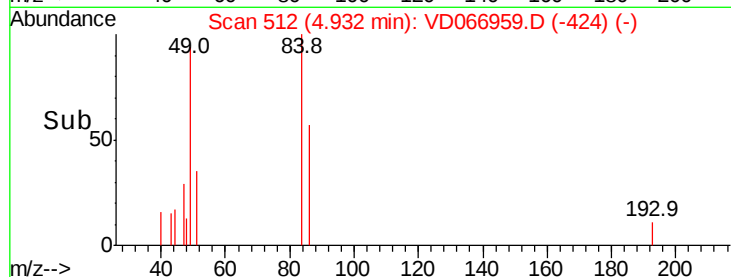
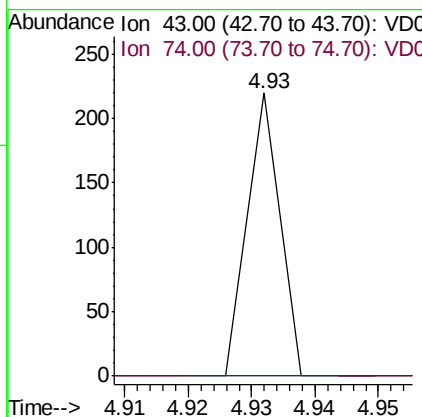
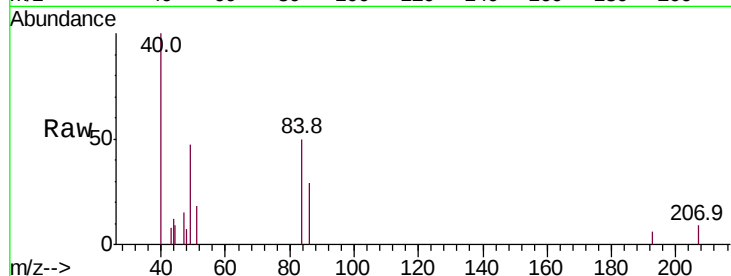




#18
Methyl Acetate
Concen: Below Cal
RT: 4.93 min Scan# 512
Delta R.T. 0.22 min
Lab File: VD066959.D
Acq: 30 Sep 2020 01:55

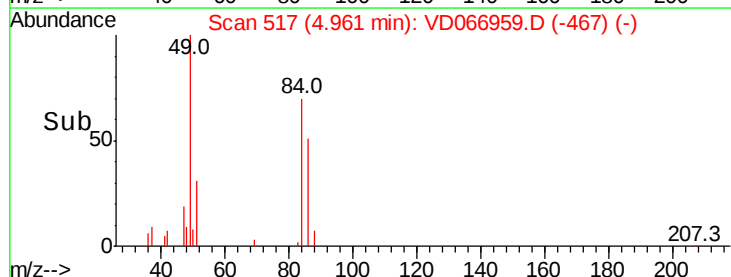
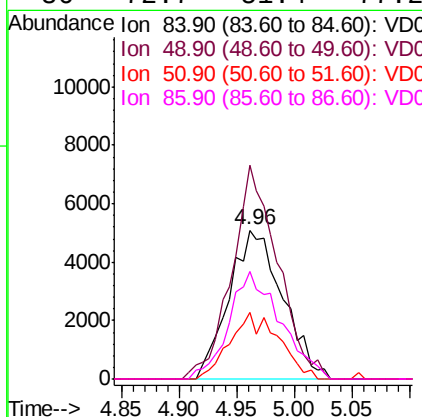
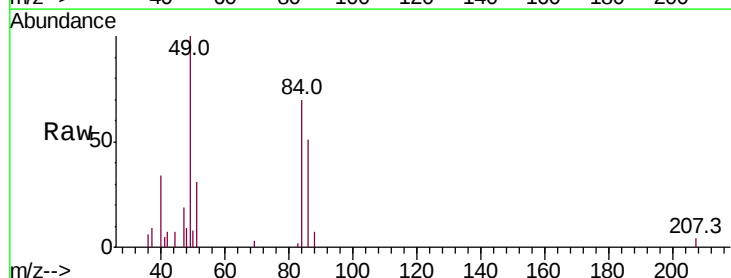
Instrument :
MSVOA_D
ClientSampleId :
B-10(12-14)

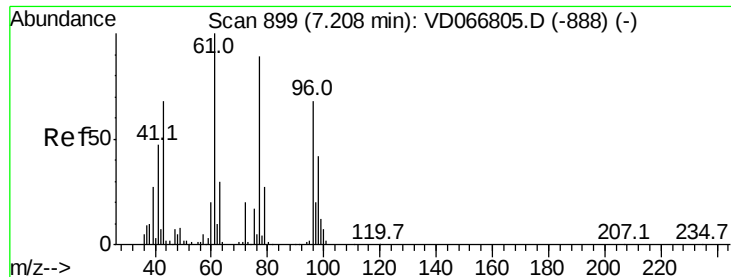
Tot Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066959.D
Acq: 30 Sep 2020 01:55

Tgt Ion: 84 Resp: 16463
Ion Ratio Lower Upper
84 100
49 143.8 95.4 143.2#
51 45.1 29.7 44.5#
86 72.7 51.4 77.2

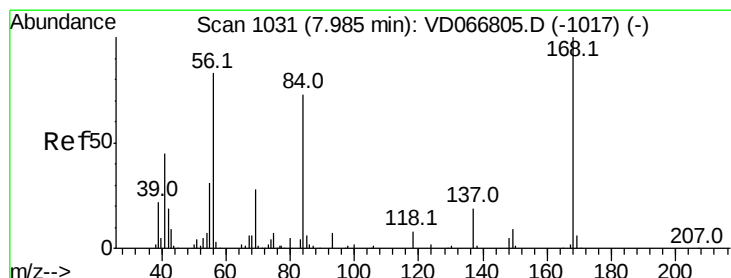
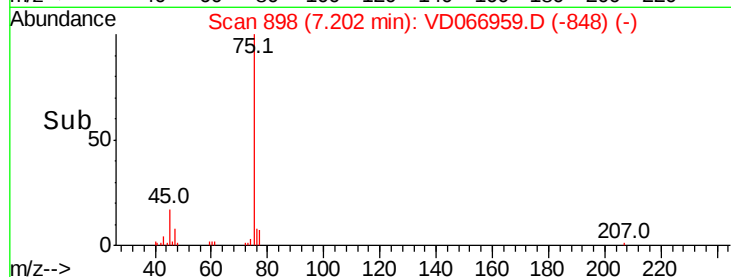
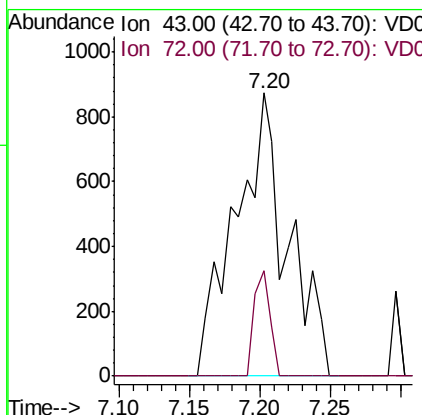
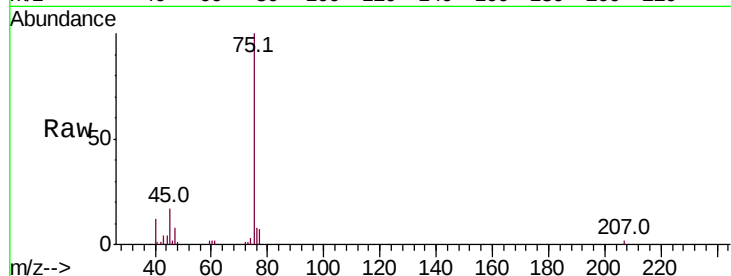




#25
2-Butanone
Concen: 2.070 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066959.D
Acq: 30 Sep 2020 01:55

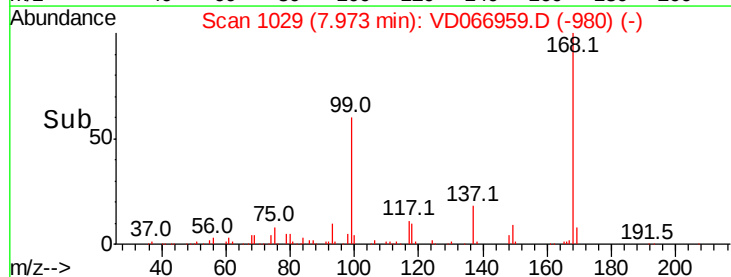
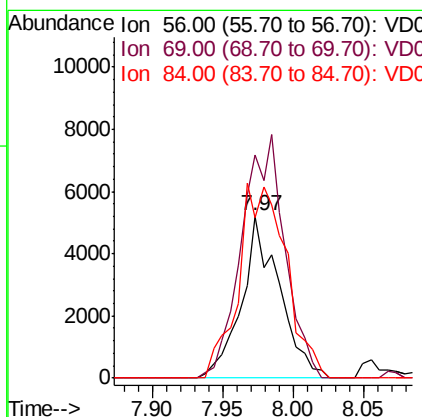
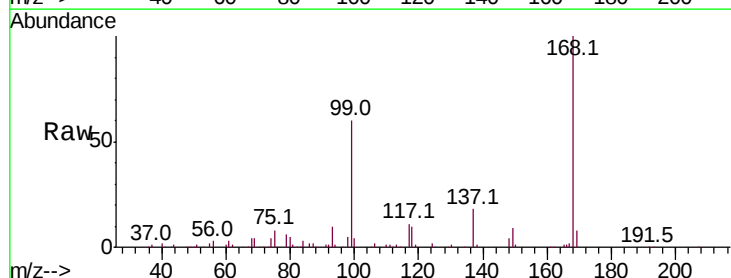
Instrument :
MSVOA_D
ClientSampleId :
B-10(12-14)

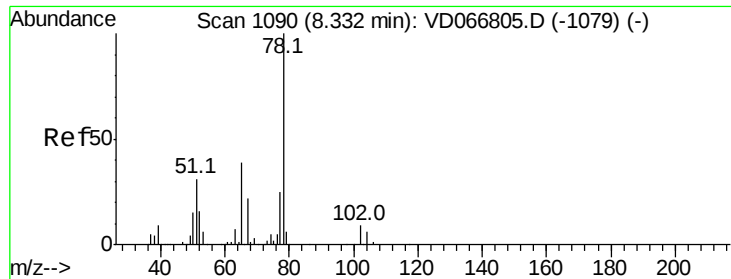
Tot Ion: 43 Resp: 2252
Ion Ratio Lower Upper
43 100
72 37.1 22.9 34.3#



#31
Cyclohexane
Concen: 1.262 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066959.D
Acq: 30 Sep 2020 01:55

Tgt Ion: 56 Resp: 9794
Ion Ratio Lower Upper
56 100
69 137.4 27.0 40.4#
84 99.2 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 45.457 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066959.D

Acq: 30 Sep 2020 01:55

Instrument :

MSVOA_D

ClientSampleId :

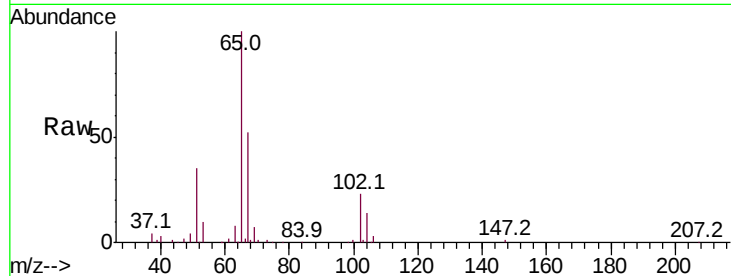
B-10(12-14)

Tot Ion: 65 Resp: 194010

Ion Ratio Lower Upper

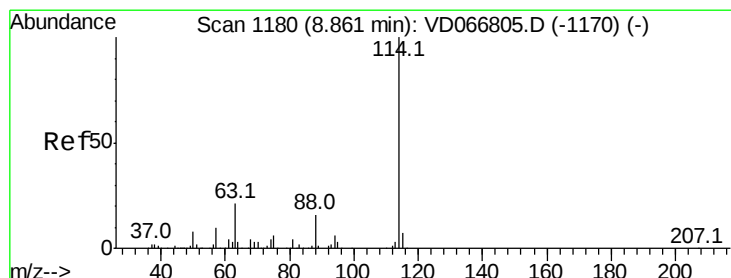
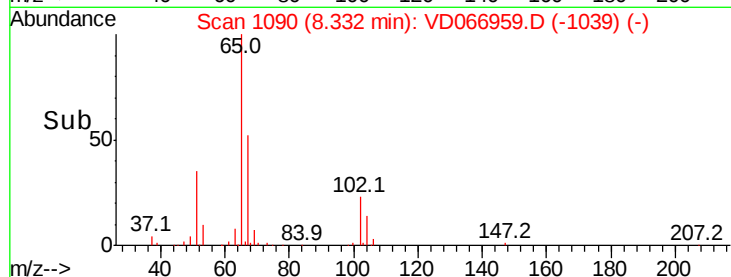
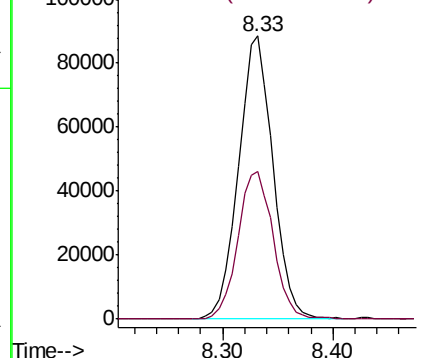
65 100

67 53.5 0.0 107.2



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: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066959.D

Acq: 30 Sep 2020 01:55

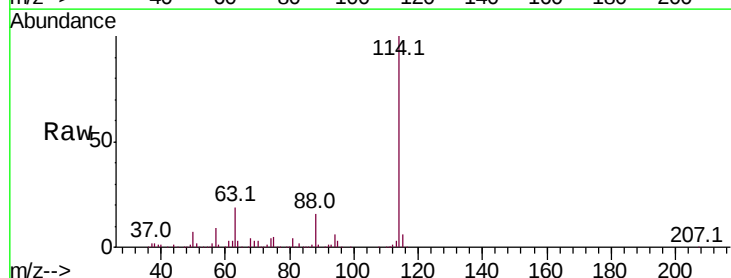
Tgt Ion: 114 Resp: 723324

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

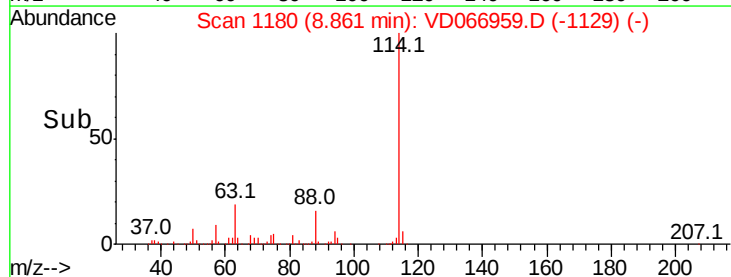
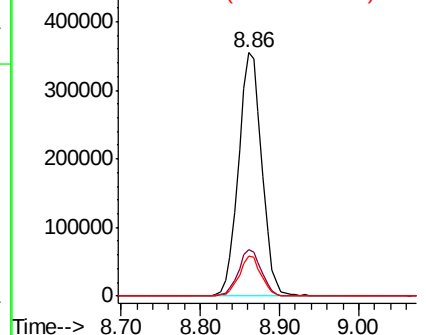
88 16.3 0.0 32.6

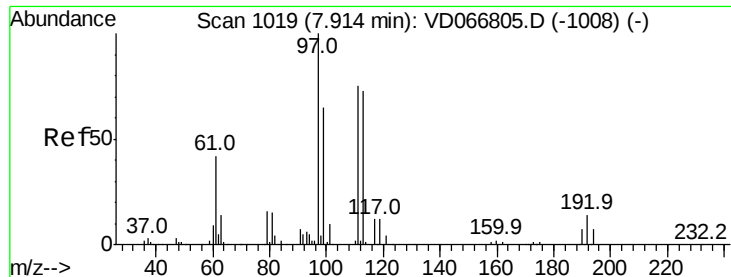


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

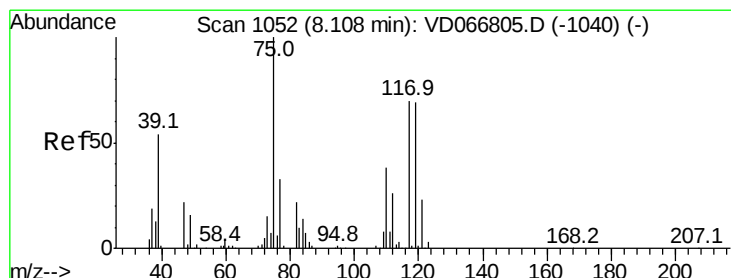
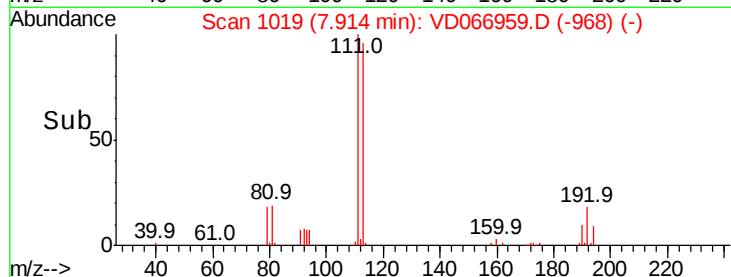
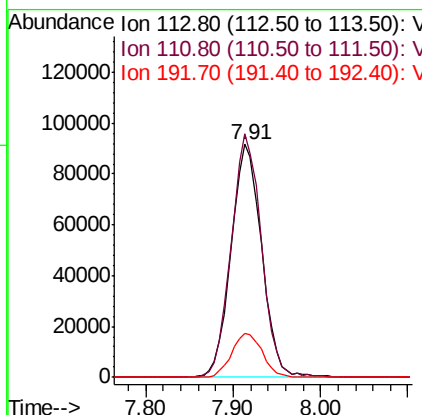
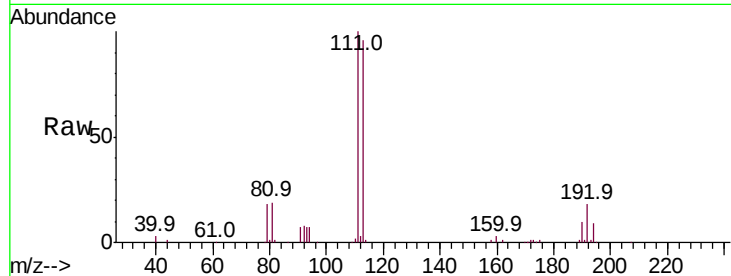




#35
 Dibromofluoromethane
 Concen: 47.171 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066959.D
 Acq: 30 Sep 2020 01:55

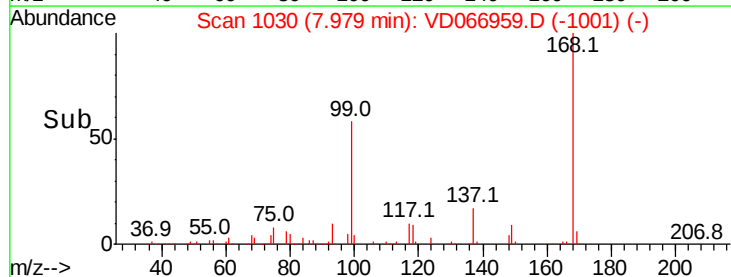
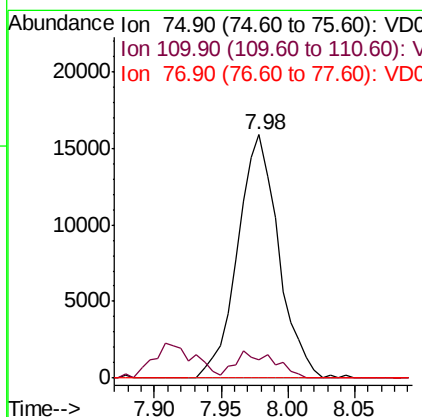
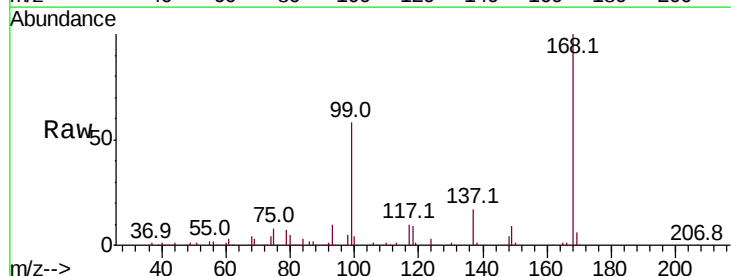
Instrument :
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 B-10(12-14)

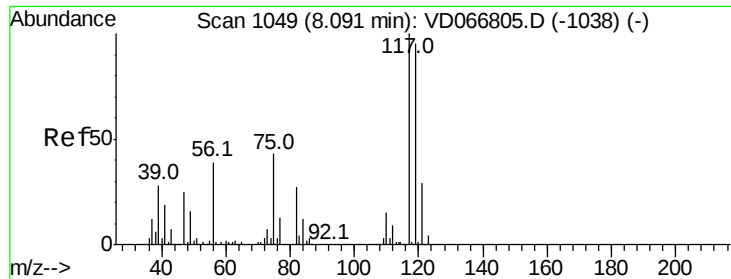
Tot Ion:113 Resp: 217071
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.8
 192 18.9 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 4.692 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066959.D
 Acq: 30 Sep 2020 01:55

Tgt Ion: 75 Resp: 33669
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.9 53.8#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.657 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066959.D

Acq: 30 Sep 2020 01:55

Instrument :

MSVOA_D

ClientSampleId :

B-10(12-14)

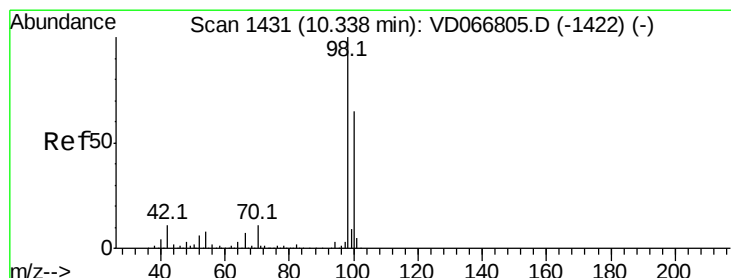
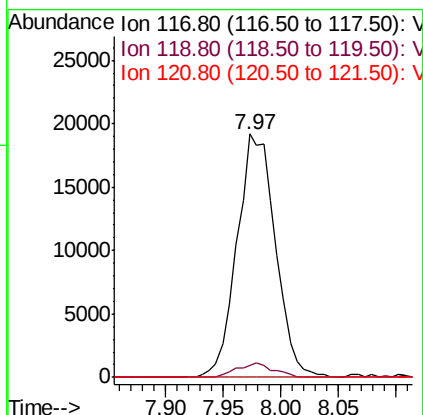
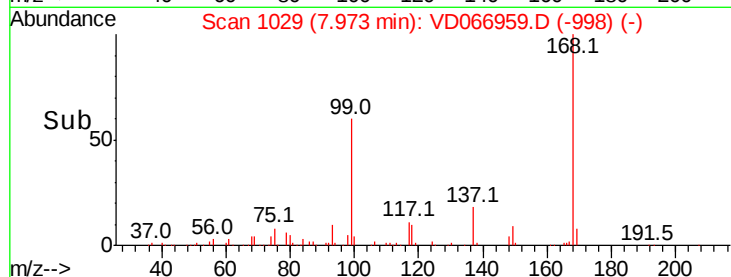
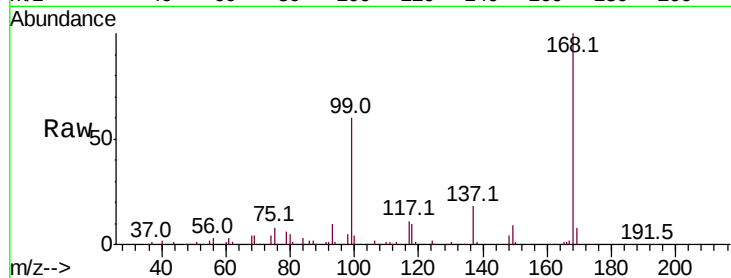
Tot Ion:117 Resp: 44382

Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.8#

121 0.0 23.4 35.0#



#50

Toluene-d8

Concen: 56.159 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066959.D

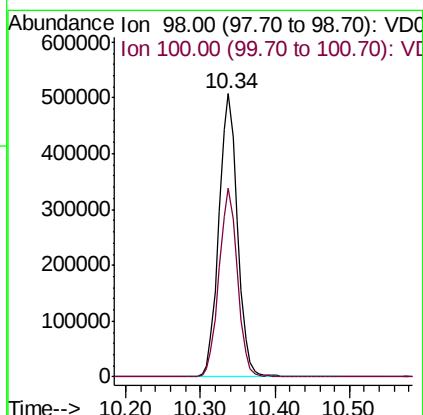
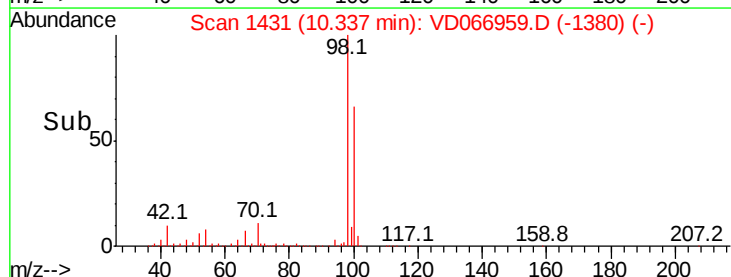
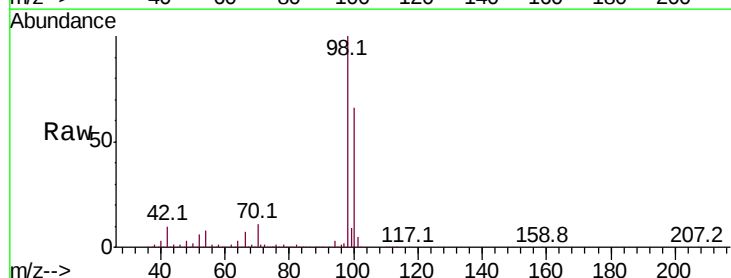
Acq: 30 Sep 2020 01:55

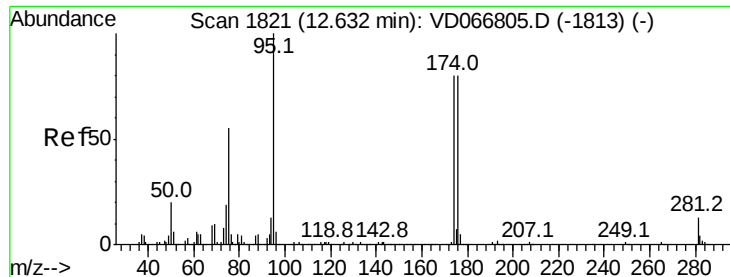
Tgt Ion: 98 Resp: 880516

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2

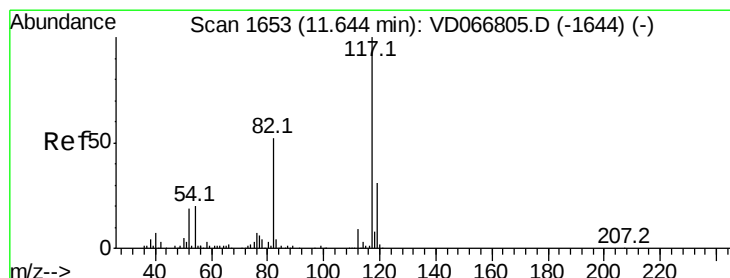
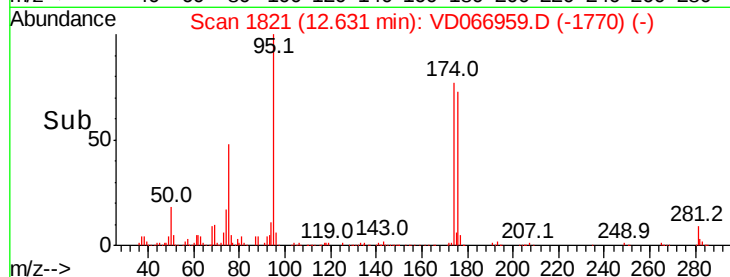
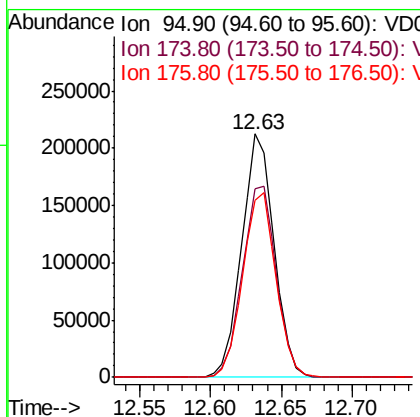
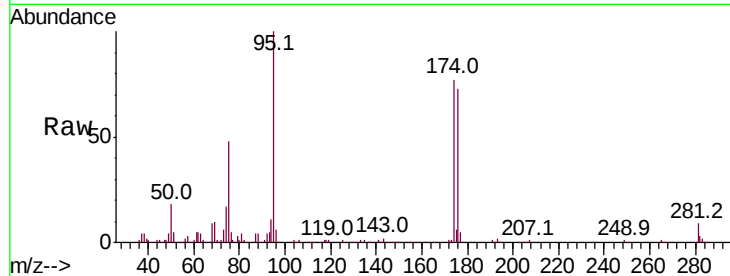




#62
4-Bromofluorobenzene
Concen: 63.389 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066959.D
Acq: 30 Sep 2020 01:55

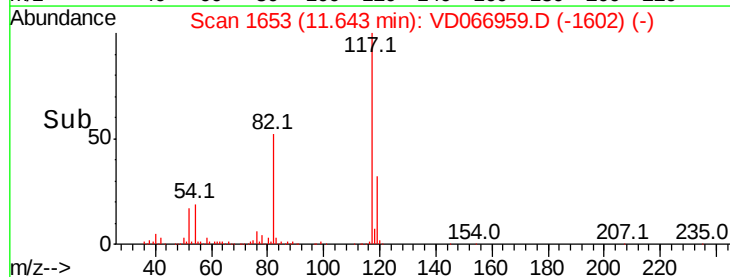
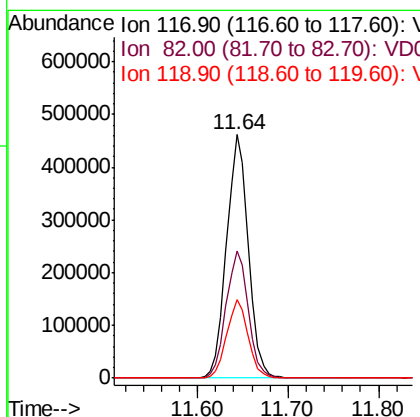
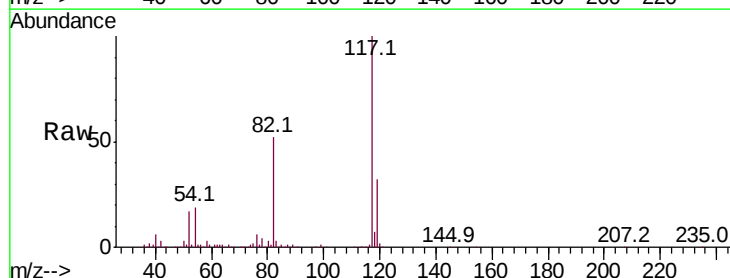
Instrument :
MSVOA_D
ClientSampled :
B-10(12-14)

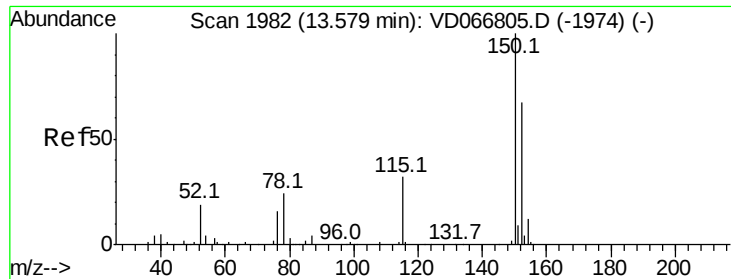
Tot Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	159.8
176	78.2	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066959.D
Acq: 30 Sep 2020 01:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.8	62.6
119	32.4	24.6	37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066959.D

Acq: 30 Sep 2020 01:55

Instrument :

MSVOA_D

ClientSampleId :

B-10(12-14)

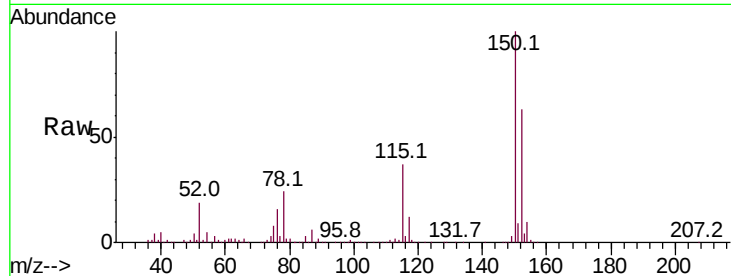
Tot Ion:152 Resp: 372415

Ion Ratio Lower Upper

152 100

115 59.5 30.3 91.0

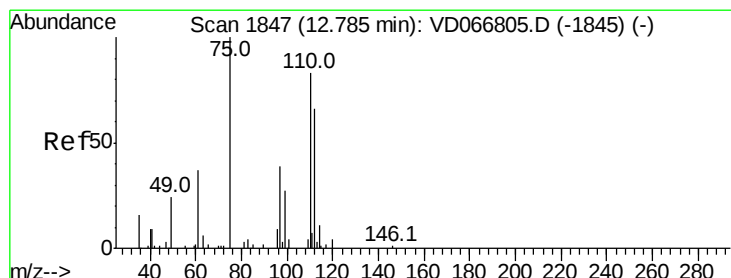
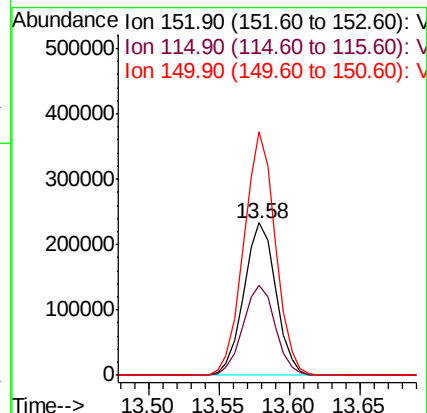
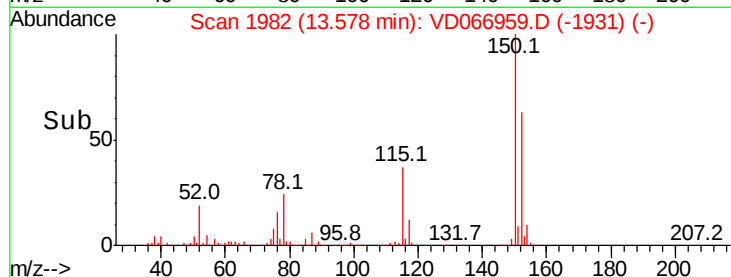
150 156.7 0.0 346.2



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: 55.842 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066959.D

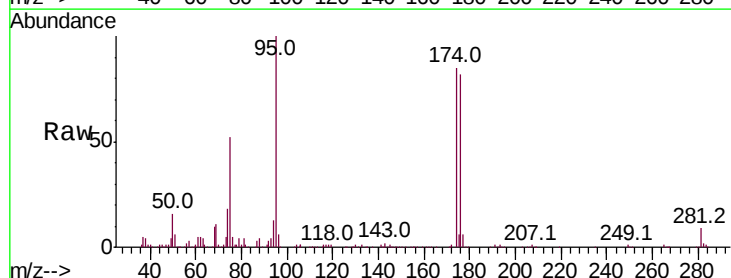
Acq: 30 Sep 2020 01:55

Tgt Ion: 75 Resp: 172343

Ion Ratio Lower Upper

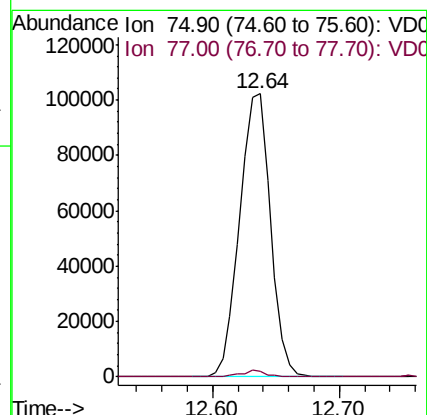
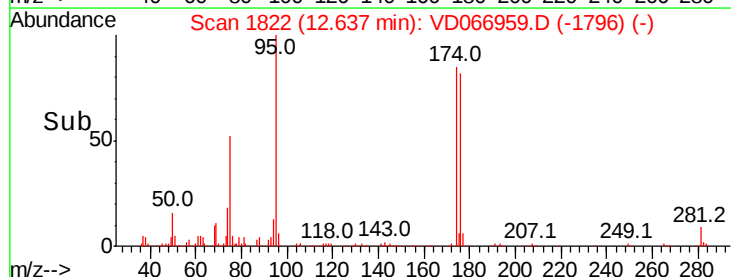
75 100

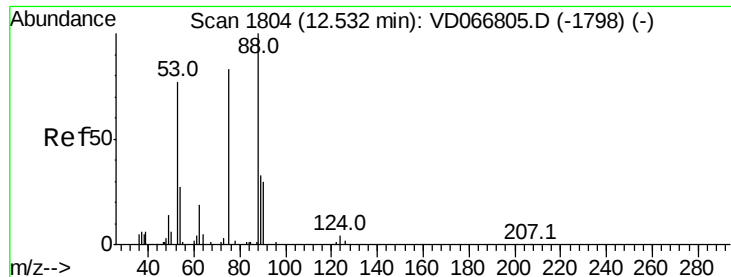
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 139.711 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066959.D

Acq: 30 Sep 2020 01:55

Instrument :

MSVOA_D

ClientSampleId :

B-10(12-14)

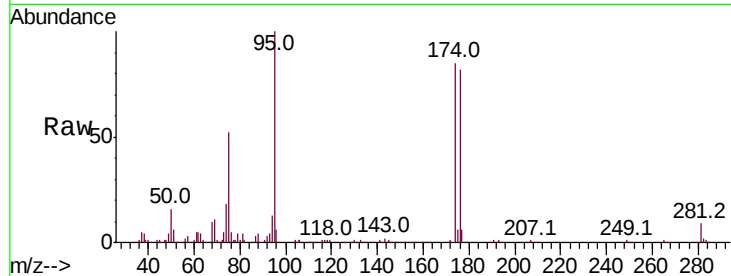
Tot Ion: 75 Resp: 172343

Ion Ratio Lower Upper

75 100

53 0.2 78.5 117.7#

89 0.1 38.1 57.1#



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

