

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066768.D
 Acq On : 18 Sep 2020 16:09
 Operator : VA/SY
 Sample : L4017-03
 Misc : 5.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-3

Quant Time: Sep 19 03:15:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	353602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	644697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	634647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278822	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	219725	58.24	ug/l	0.00
Spiked Amount			Recovery	=	116.48%	
35) Dibromofluoromethane	7.91	113	213793	54.09	ug/l	0.00
Spiked Amount			Recovery	=	108.18%	
50) Toluene-d8	10.34	98	802214	56.97	ug/l	0.00
Spiked Amount			Recovery	=	113.94%	
62) 4-Bromofluorobenzene	12.63	95	273513	56.27	ug/l	0.00
Spiked Amount			Recovery	=	112.54%	

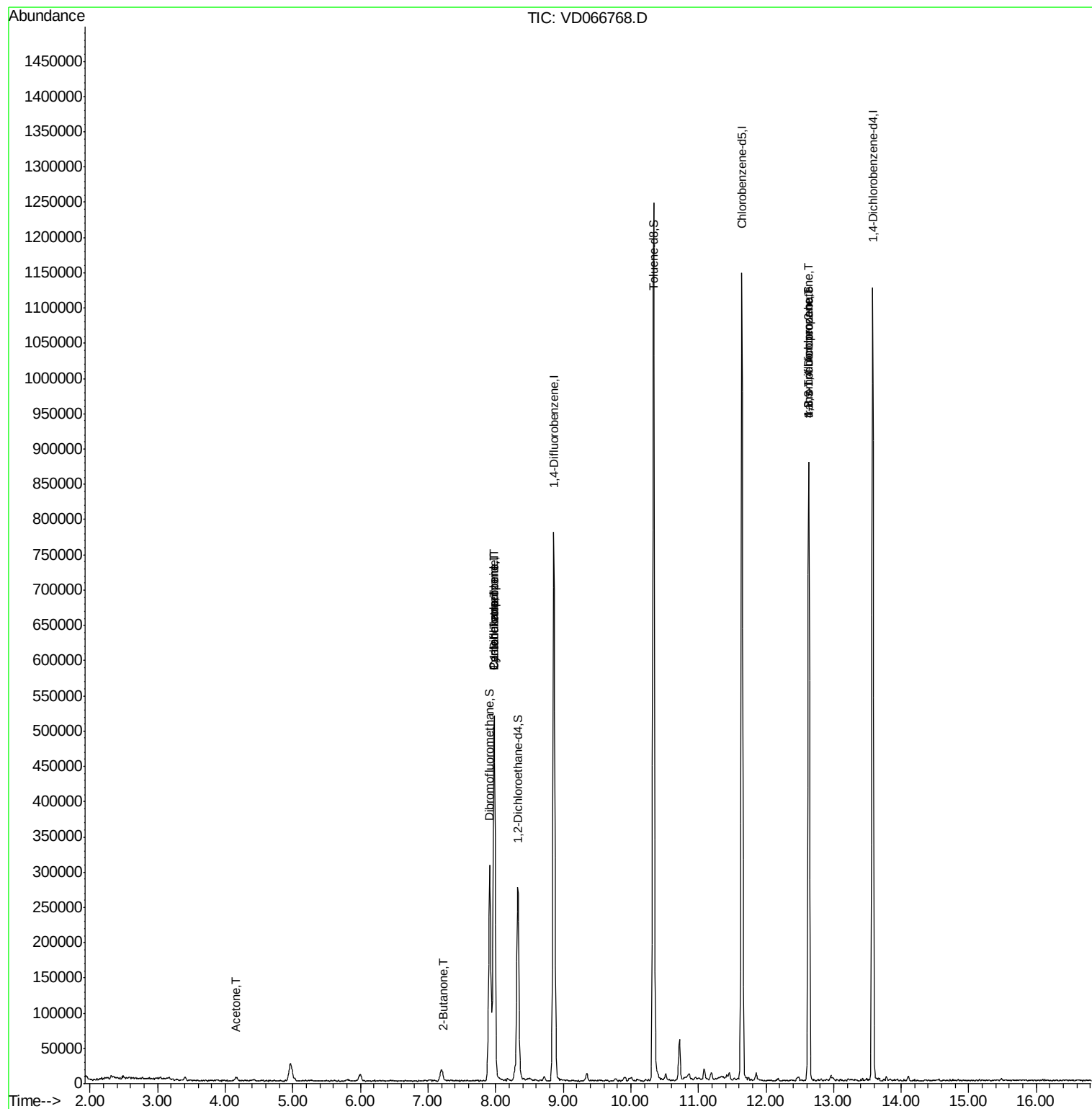
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	492	Below Cal	#	43
11) Tert butyl alcohol	5.22	59	162	Below Cal	#	76
16) Acetone	4.17	43	8886	11.566	ug/l #	78
18) Methyl Acetate	4.73	43	139	Below Cal	#	52
20) Methylene Chloride	4.97	84	20074	Below Cal	#	76
25) 2-Butanone	7.23	43	1351	1.350	ug/l #	49
31) Cyclohexane	7.97	56	11446	1.718	ug/l #	42
36) 1,1-Dichloropropene	7.98	75	32360	4.882	ug/l #	50
38) Carbon Tetrachloride	7.97	117	39755	5.648	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	147845	61.948	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	147845	133.694	ug/l #	8

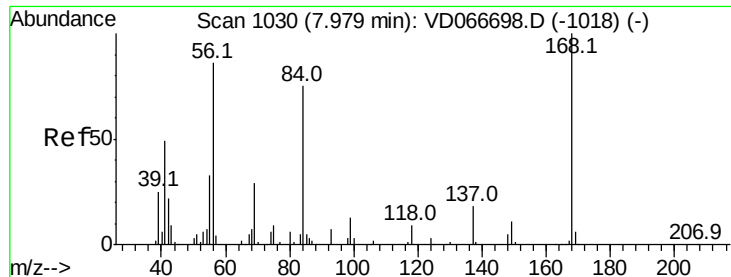
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091820\
Data File : VD066768.D
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Operator : VA/SY
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Quant Time: Sep 19 03:15:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 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: VD066768.D

Acq: 18 Sep 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

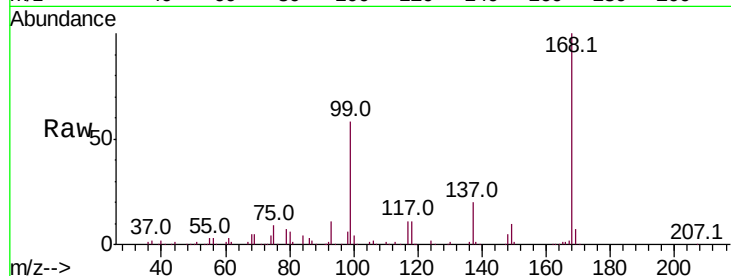
SS-3

Tot Ion:168 Resp: 353602

Ion Ratio Lower Upper

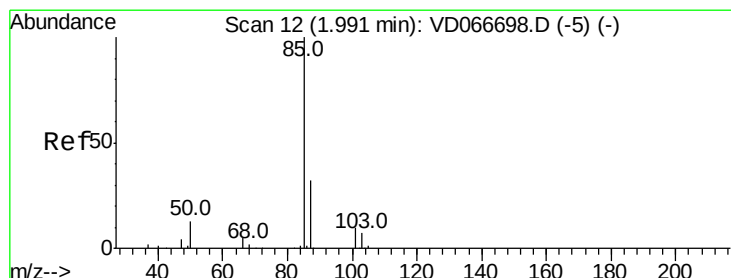
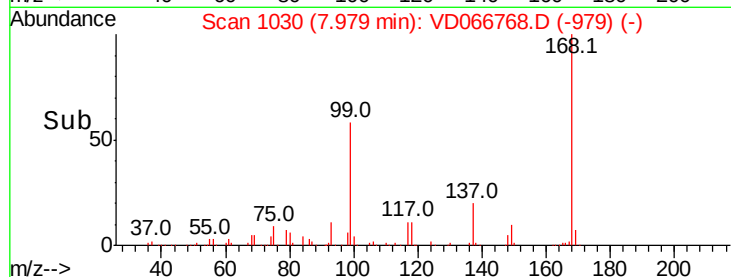
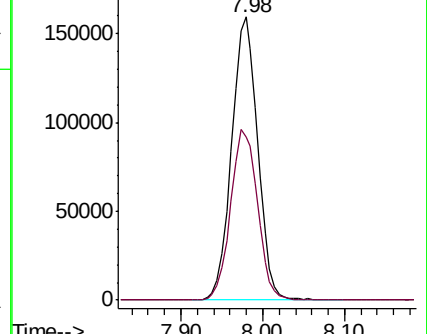
168 100

99 57.5 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 10

Delta R.T. -0.01 min

Lab File: VD066768.D

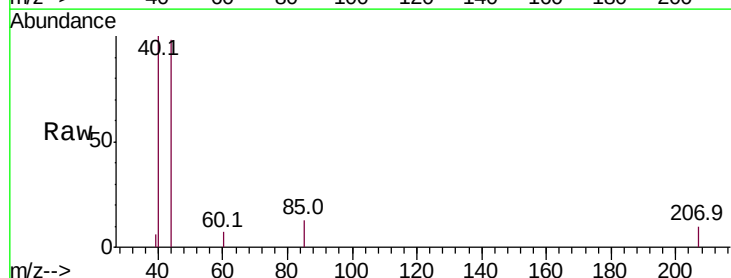
Acq: 18 Sep 2020 16:09

Tgt Ion: 85 Resp: 492

Ion Ratio Lower Upper

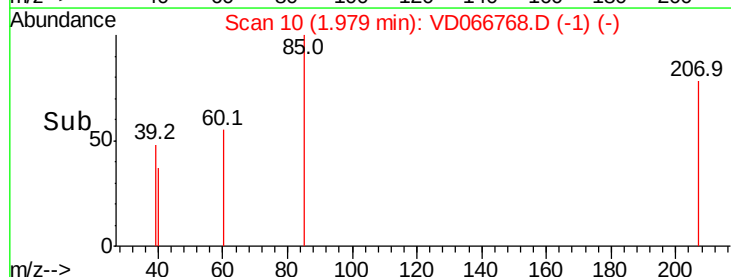
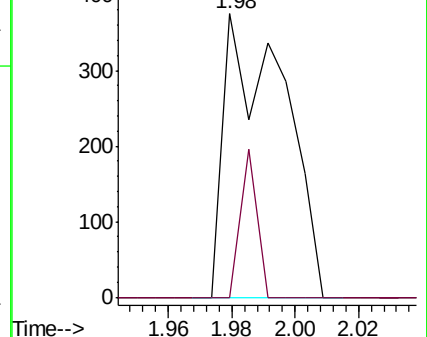
85 100

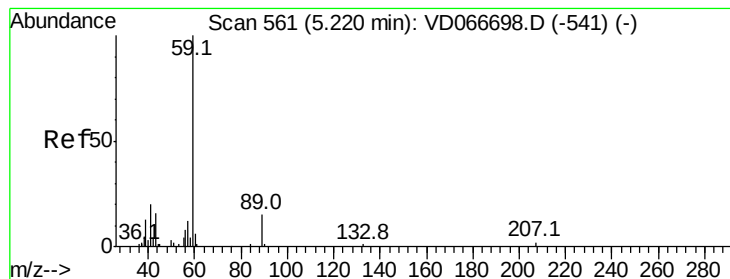
87 0.0 15.9 47.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



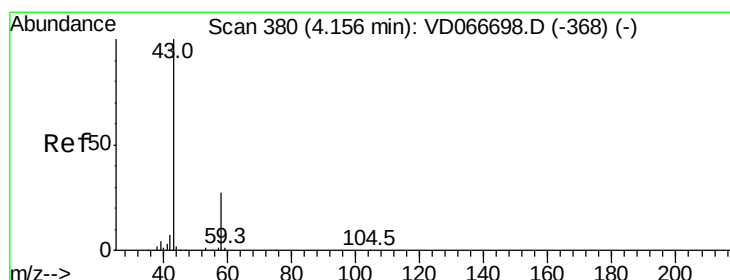
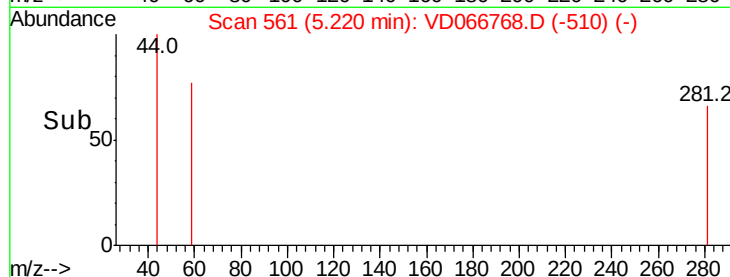
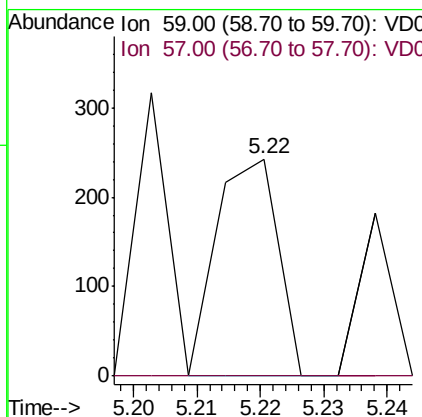
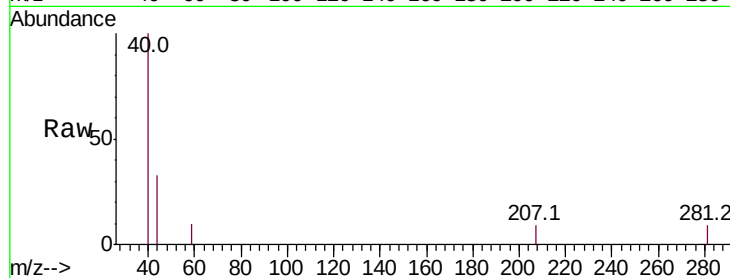


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD066768.D
 Acq: 18 Sep 2020 16:09

Instrument :
 MSVOA_D
 ClientSampled :
 SS-3

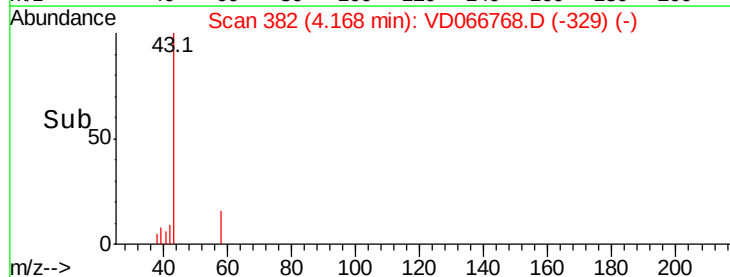
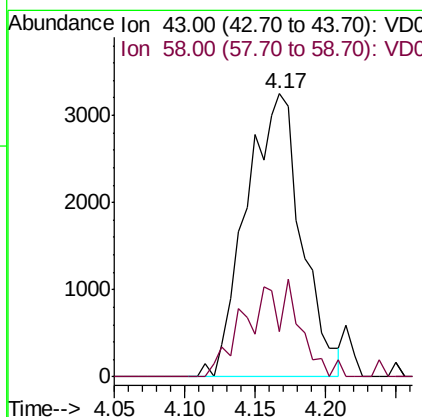
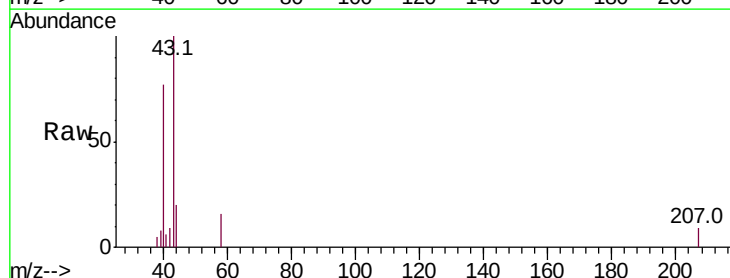
Tot Ion: 59 Resp: 162
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.7 10.1#

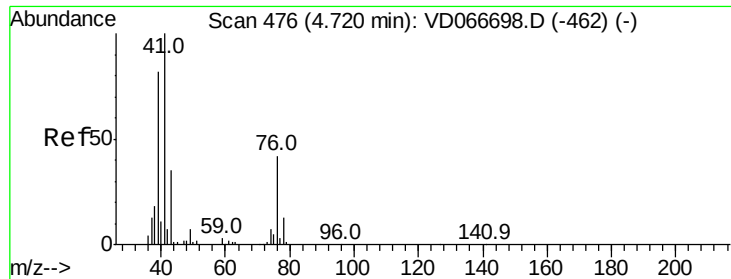


#16

Acetone
 Concen: 11.566 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VD066768.D
 Acq: 18 Sep 2020 16:09

Tgt Ion: 43 Resp: 8886
 Ion Ratio Lower Upper
 43 100
 58 16.0 21.9 32.9#

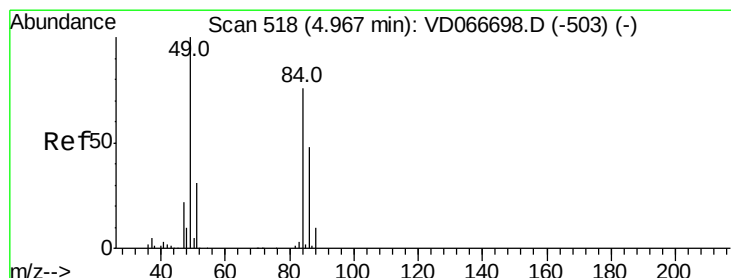
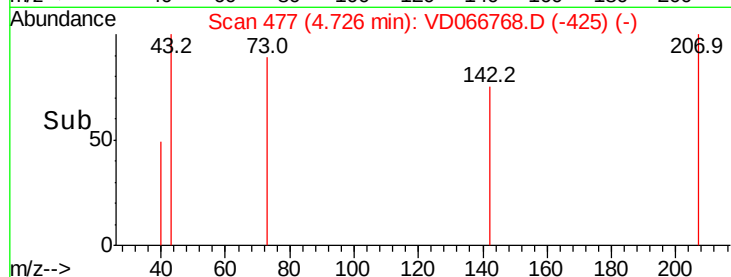
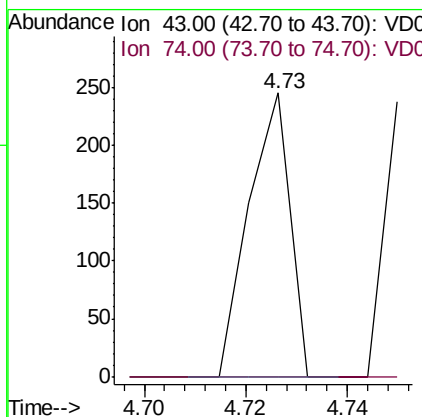
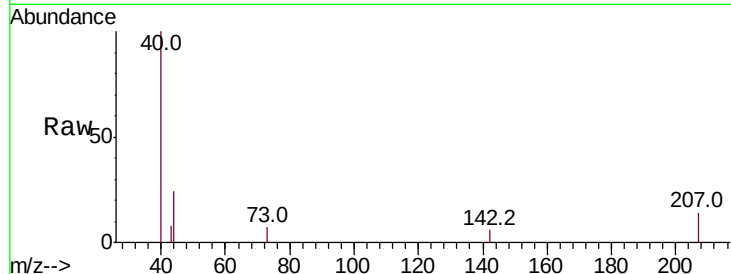




#18
Methyl Acetate
Concen: Below Cal
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD066768.D
Acq: 18 Sep 2020 16:09

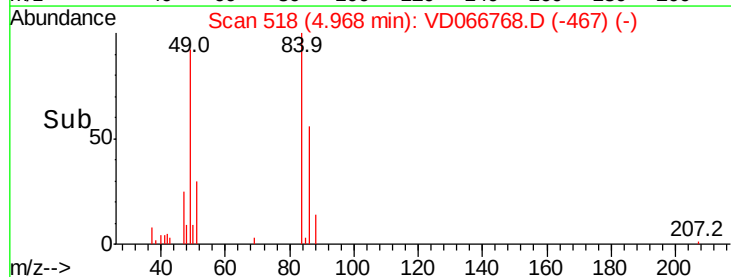
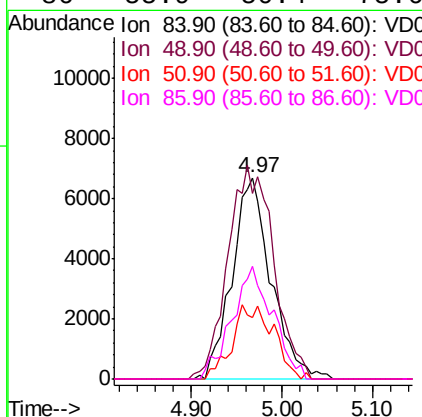
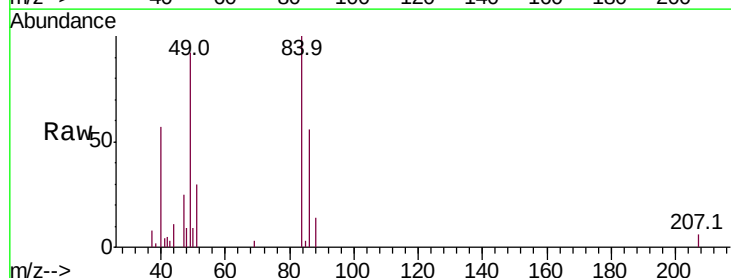
Instrument :
MSVOA_D
ClientSampled :
SS-3

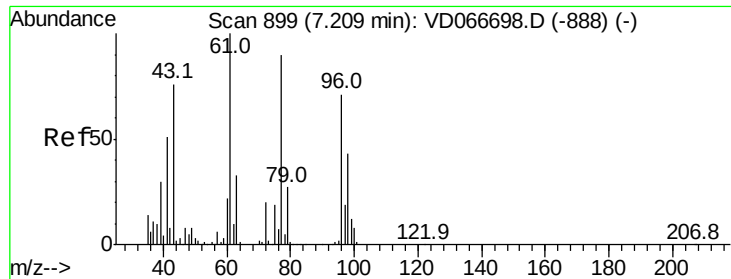
Tot Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066768.D
Acq: 18 Sep 2020 16:09

Tgt Ion: 84 Resp: 20074
Ion Ratio Lower Upper
84 100
49 92.5 105.0 157.6#
51 30.4 32.2 48.4#
86 55.9 50.4 75.6





#25

2-Butanone

Concen: 1.350 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.02 min

Lab File: VD066768.D

Acq: 18 Sep 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

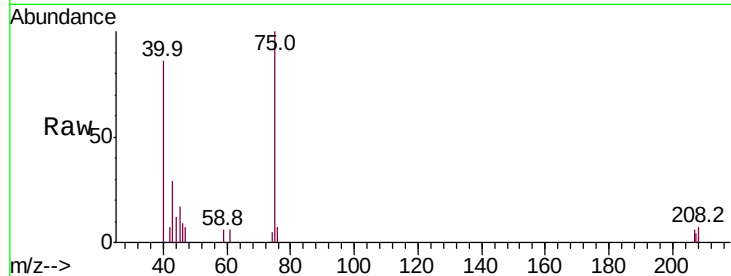
SS-3

Tot Ion: 43 Resp: 1351

Ion Ratio Lower Upper

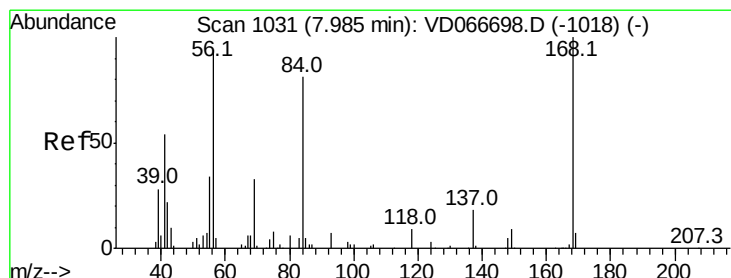
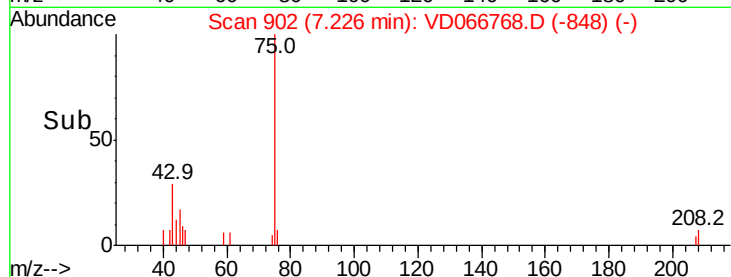
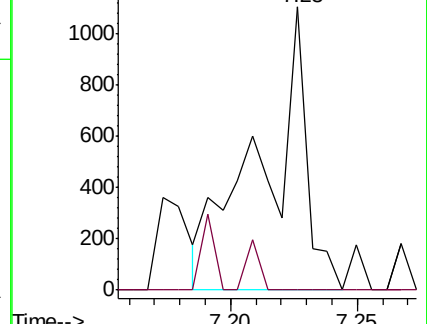
43 100

72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.718 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066768.D

Acq: 18 Sep 2020 16:09

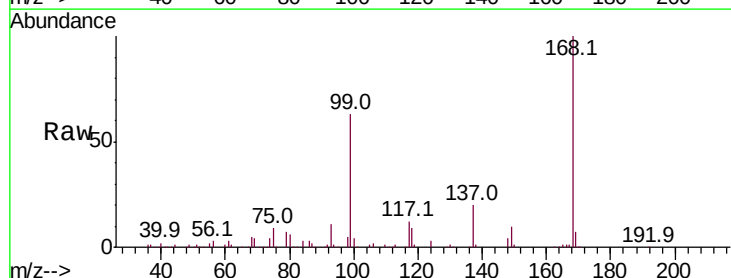
Tgt Ion: 56 Resp: 11446

Ion Ratio Lower Upper

56 100

69 122.7 27.7 41.5#

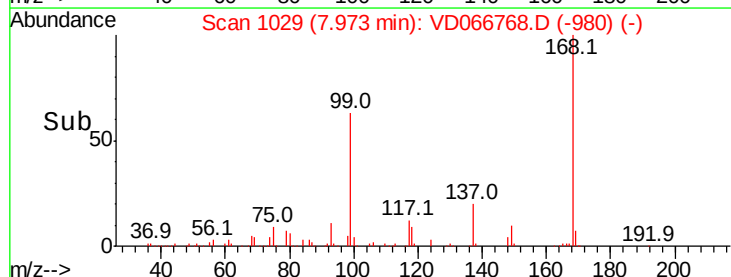
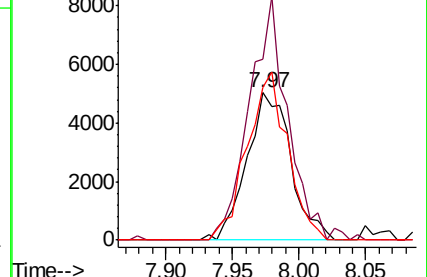
84 104.1 68.5 102.7#

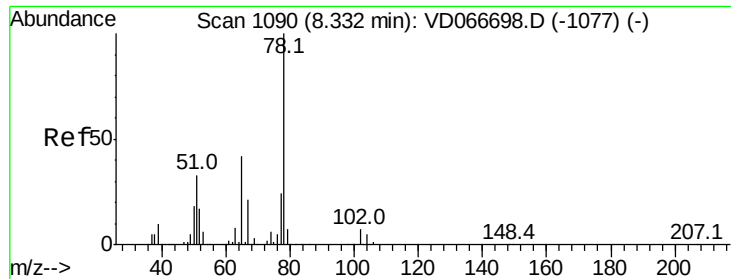


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

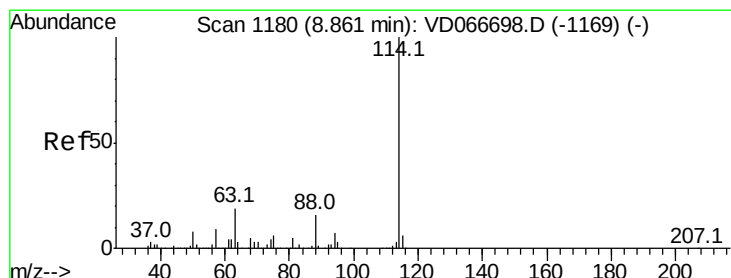
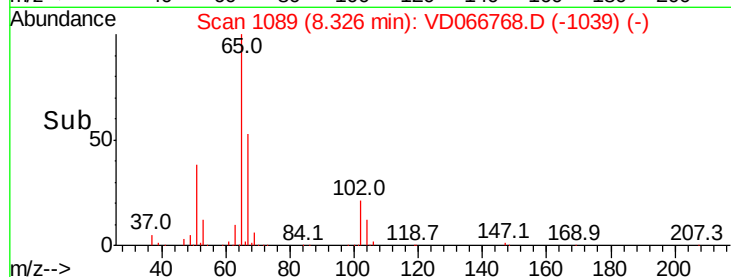
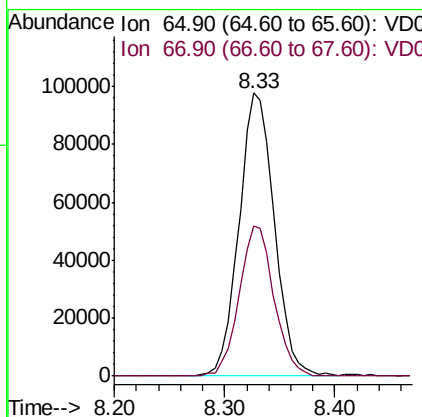
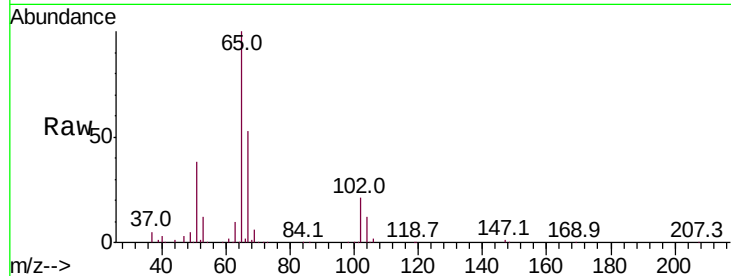




#33
 1,2-Dichloroethane-d4
 Concen: 58.241 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066768.D
 Acq: 18 Sep 2020 16:09

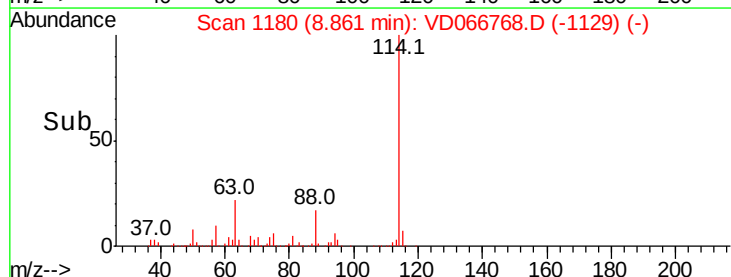
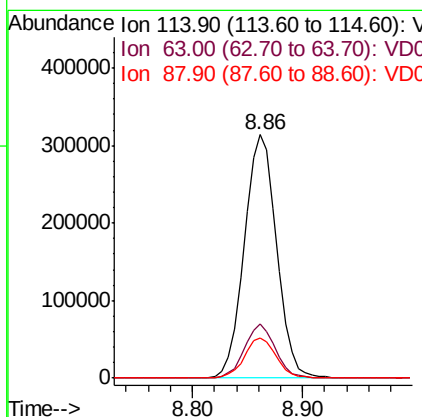
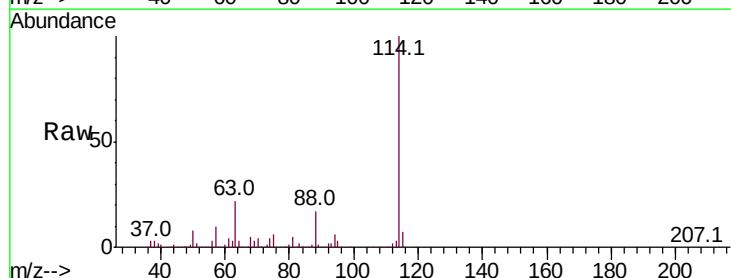
Instrument :
 MSVOA_D
 ClientSampled :
 SS-3

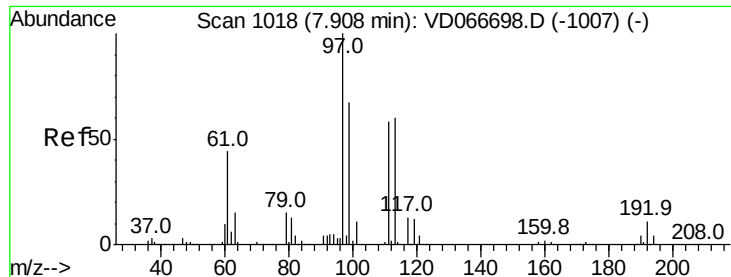
Tot Ion: 65 Resp: 219725
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066768.D
 Acq: 18 Sep 2020 16:09

Tgt Ion: 114 Resp: 644697
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 37.6
 88 16.6 0.0 32.2

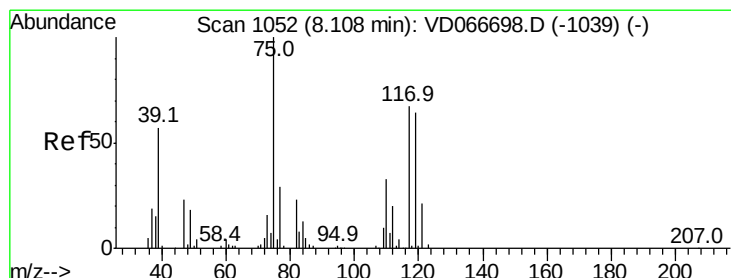
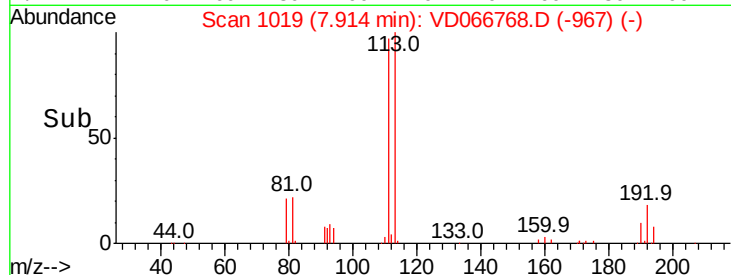
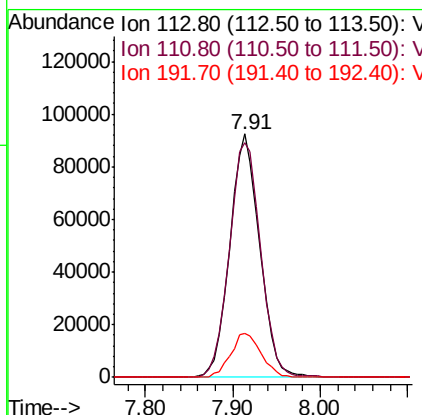
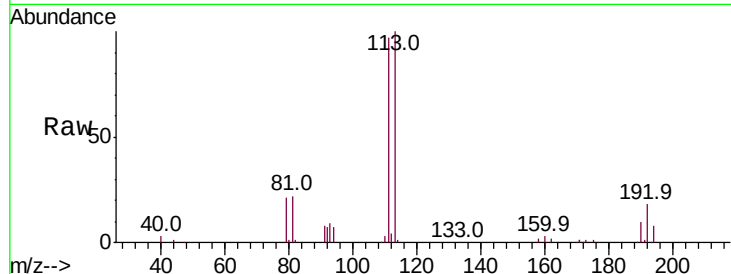




#35
 Dibromofluoromethane
 Concen: 54.089 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066768.D
 Acq: 18 Sep 2020 16:09

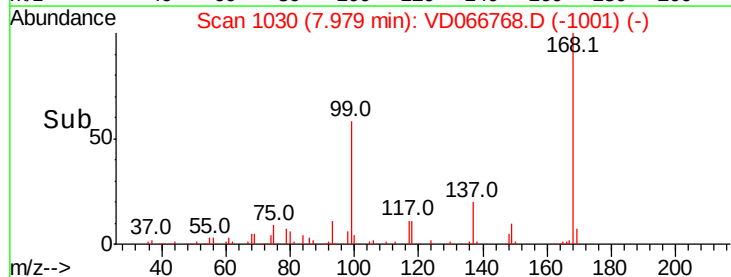
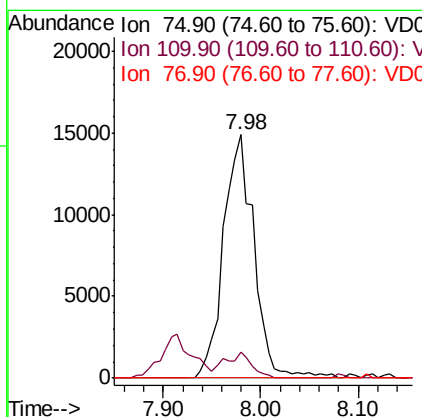
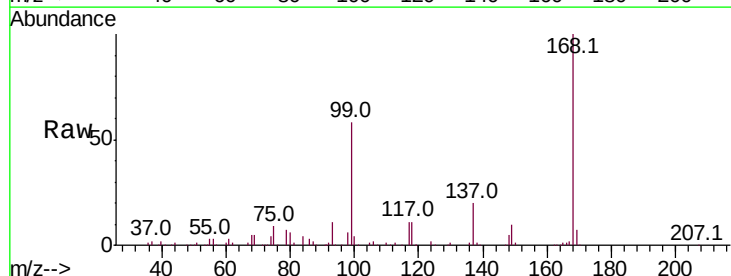
Instrument :
 MSVOA_D
 ClientSampled :
 SS-3

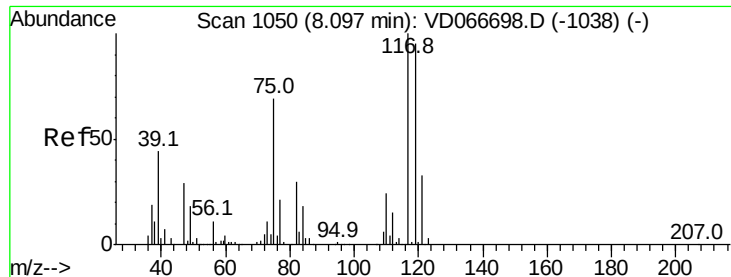
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.2	124.8
192	18.5	14.8	22.2



#36
 1,1-Dichloropropene
 Concen: 4.882 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066768.D
 Acq: 18 Sep 2020 16:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.1	51.2#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 5.648 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066768.D

Acq: 18 Sep 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

SS-3

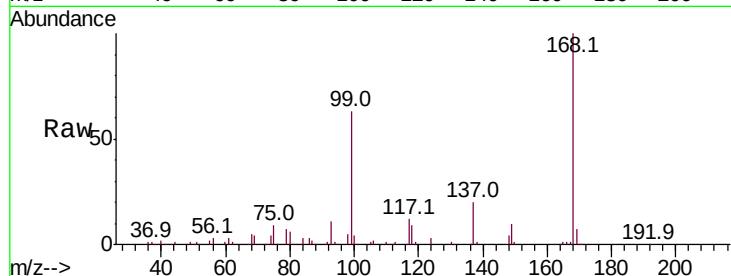
Tot Ion:117 Resp: 39755

Ion Ratio Lower Upper

117 100

119 7.3 75.8 113.6#

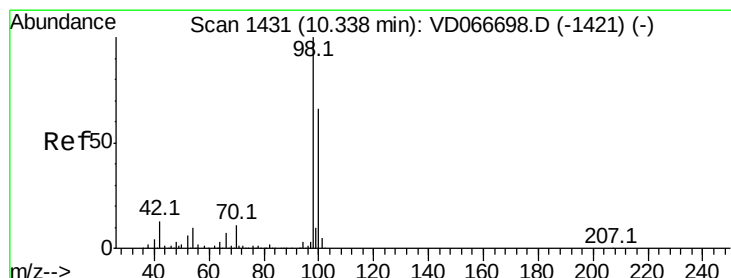
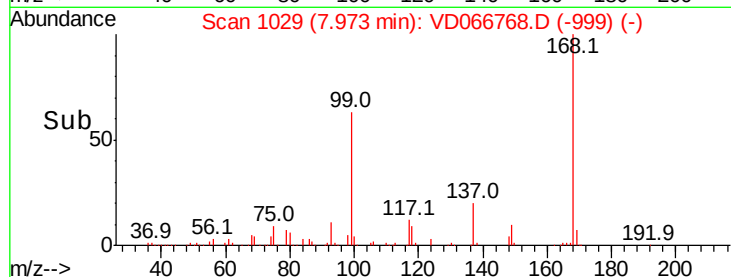
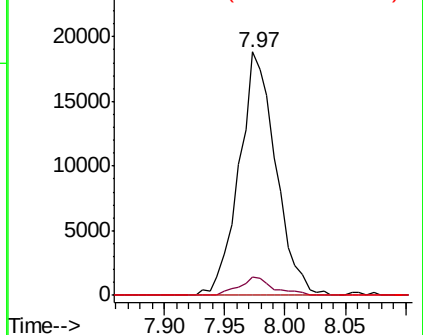
121 0.0 26.2 39.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 56.967 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066768.D

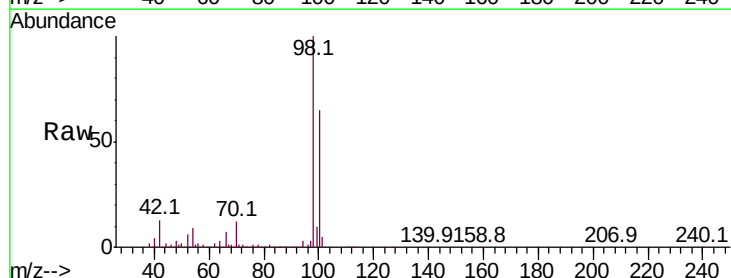
Acq: 18 Sep 2020 16:09

Tgt Ion: 98 Resp: 802214

Ion Ratio Lower Upper

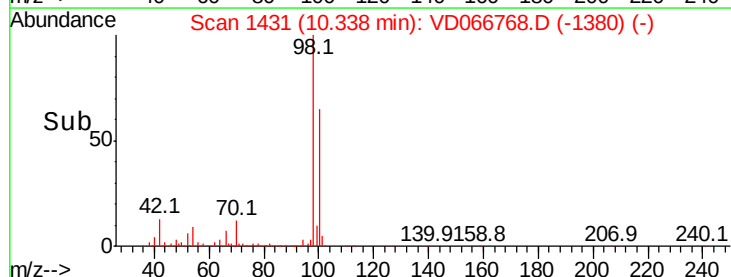
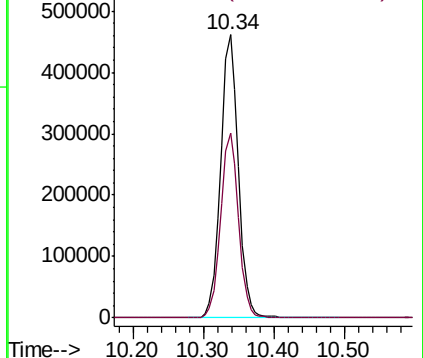
98 100

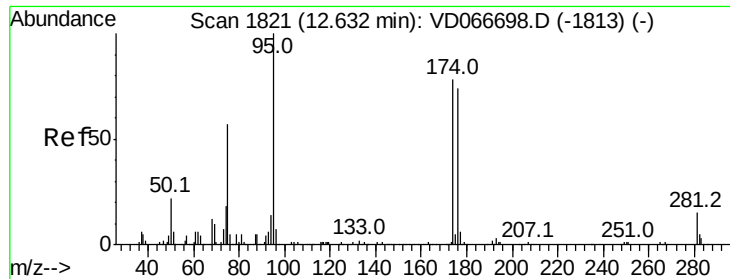
100 65.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

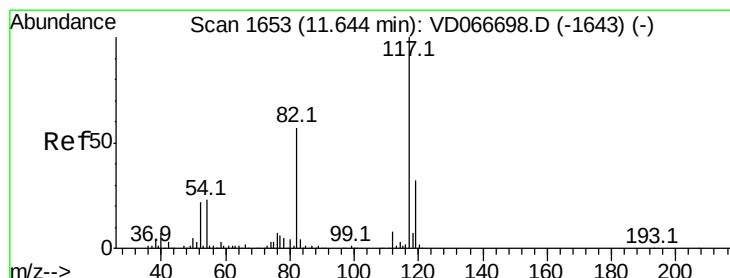
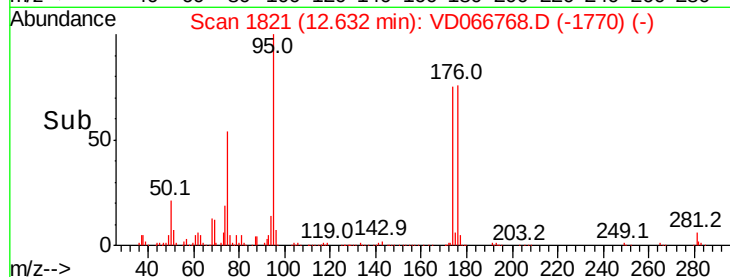
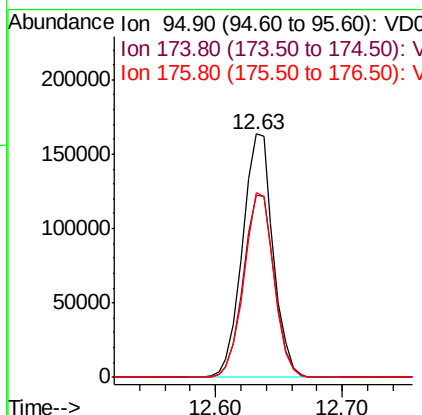
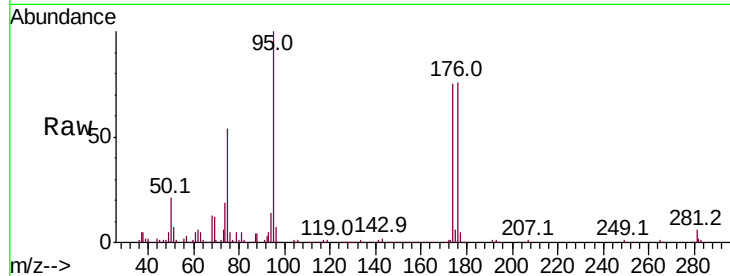




#62
4-Bromofluorobenzene
Concen: 56.267 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066768.D
Acq: 18 Sep 2020 16:09

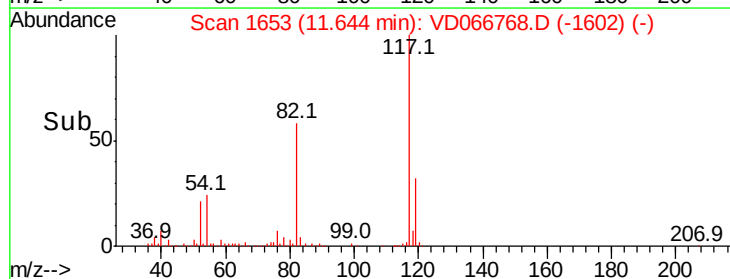
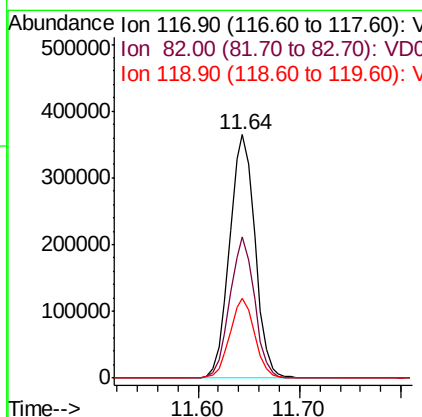
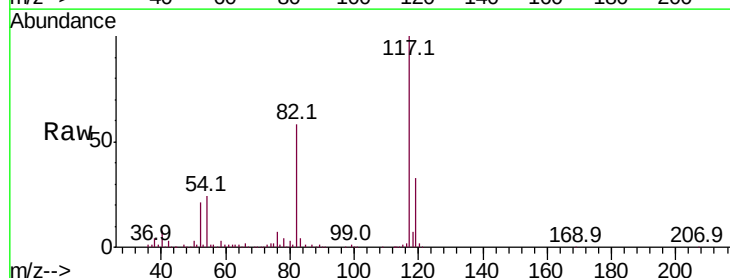
Instrument :
MSVOA_D
ClientSampleId :
SS-3

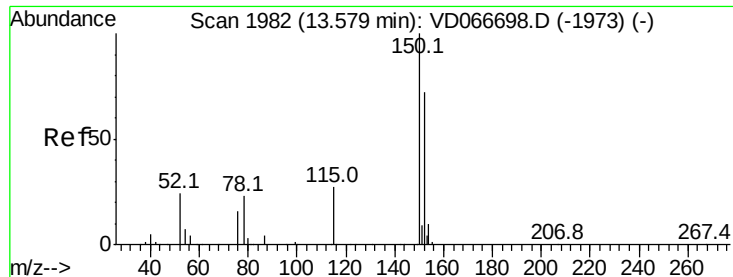
Tot Ion: 95 Resp: 273513
Ion Ratio Lower Upper
95 100
174 76.4 0.0 156.6
176 74.5 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066768.D
Acq: 18 Sep 2020 16:09

Tgt Ion: 117 Resp: 634647
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.0
119 32.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066768.D

Acq: 18 Sep 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

SS-3

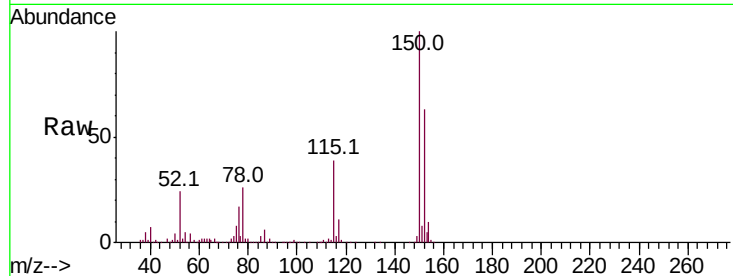
Tot Ion:152 Resp: 278822

Ion Ratio Lower Upper

152 100

115 60.9 30.5 91.5

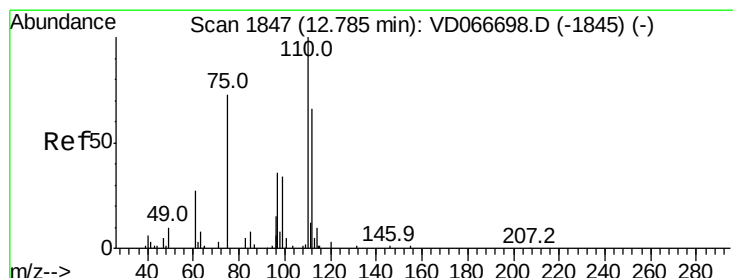
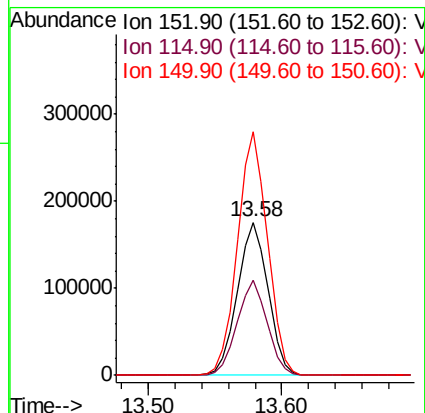
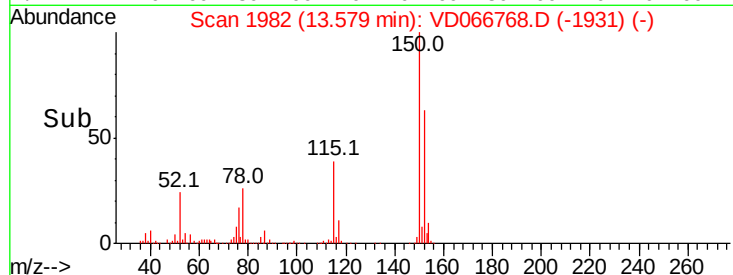
150 156.2 0.0 344.6



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: 61.948 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066768.D

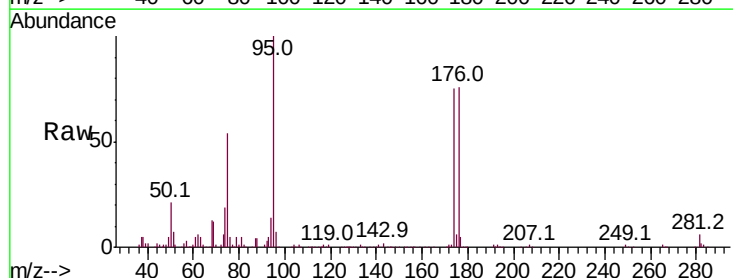
Acq: 18 Sep 2020 16:09

Tgt Ion: 75 Resp: 147845

Ion Ratio Lower Upper

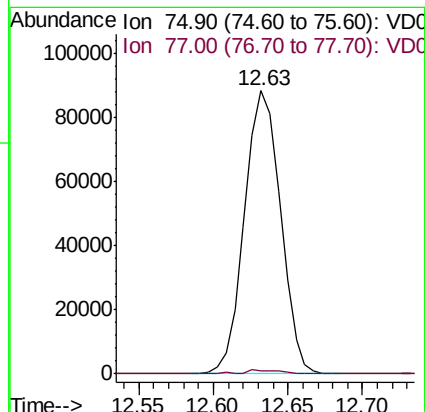
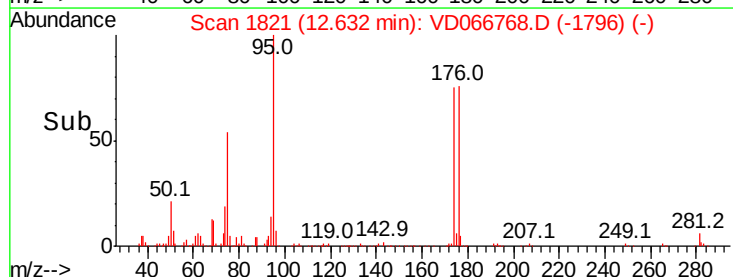
75 100

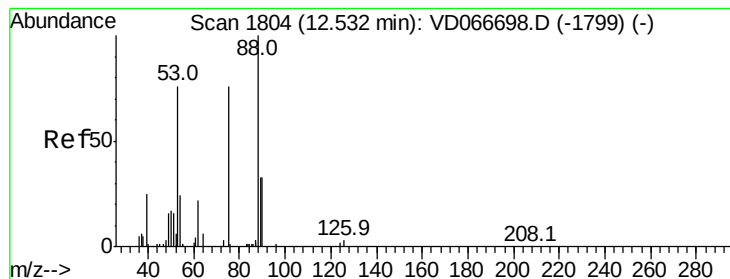
77 1.5 0.0 0.0#



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: 133.694 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066768.D

Acq: 18 Sep 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

SS-3

Tot Ion: 75 Resp: 147845

Ion Ratio Lower Upper

75 100

53 0.1 82.2 123.4#

89 0.1 39.6 59.4#

