

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066672.D
 Acq On : 14 Sep 2020 14:43
 Operator : VA/SY
 Sample : L3928-06
 Misc : 6.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 01:25:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	441513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	773889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	750543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	352912	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	290565	54.39	ug/l	0.00
Spiked Amount			Recovery	=	108.78%	
35) Dibromofluoromethane	7.91	113	265926	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
50) Toluene-d8	10.34	98	964341	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.63	95	349663	56.51	ug/l	0.00
Spiked Amount			Recovery	=	113.02%	

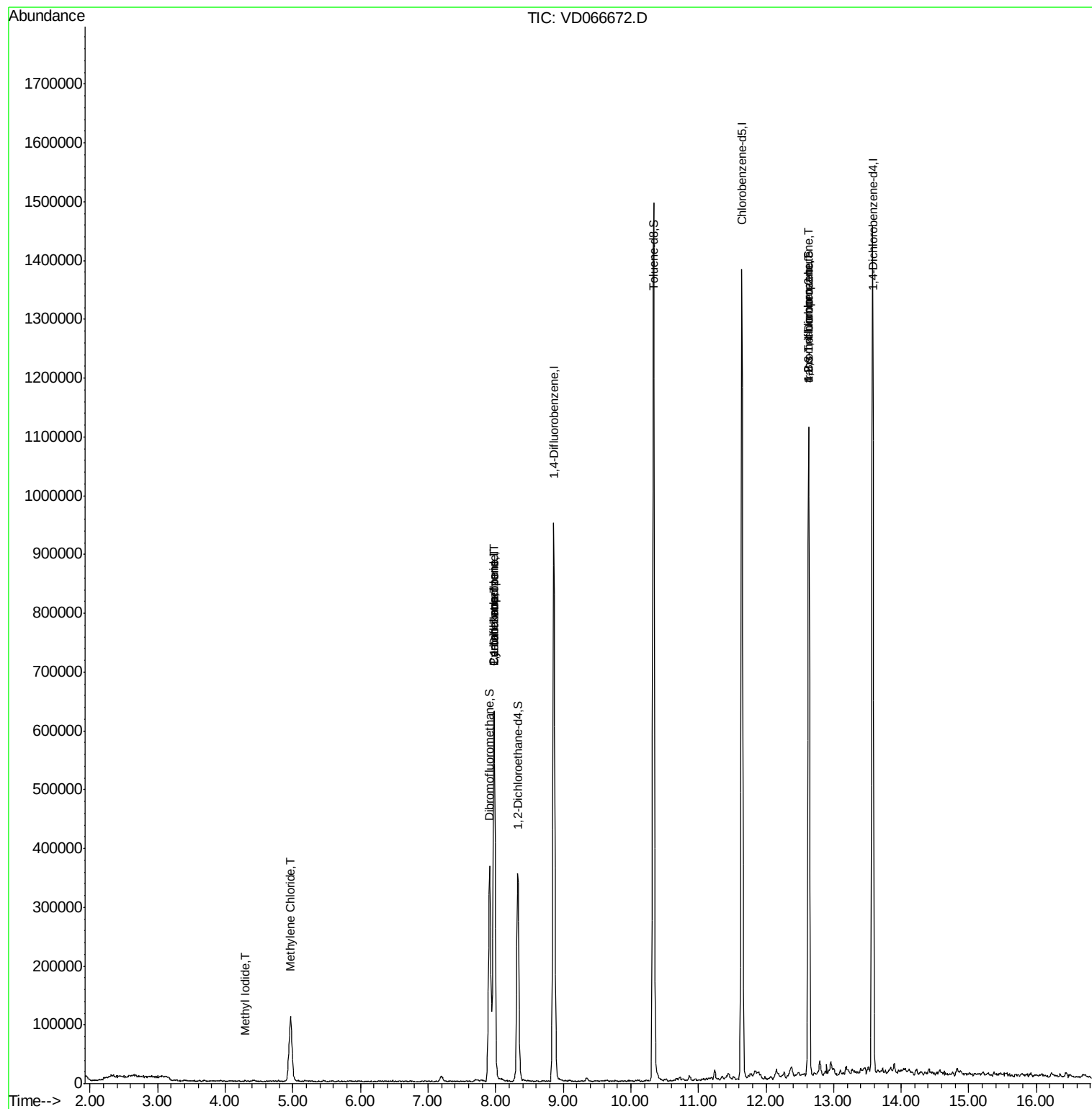
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	993	Below Cal	#	46
5) Bromomethane	2.77	94	1040	Below Cal	#	28
10) Methyl Iodide	4.30	142	505	4.126	ug/l #	62
11) Tert butyl alcohol	5.19	59	807	Below Cal	#	74
20) Methylene Chloride	4.97	84	81537	9.916	ug/l	95
31) Cyclohexane	7.97	56	12326	1.414	ug/l #	22
36) 1,1-Dichloropropene	7.97	75	40218	4.994	ug/l #	50
38) Carbon Tetrachloride	7.98	117	50264	5.905	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	200964	59.210	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	200964	138.235	ug/l #	7

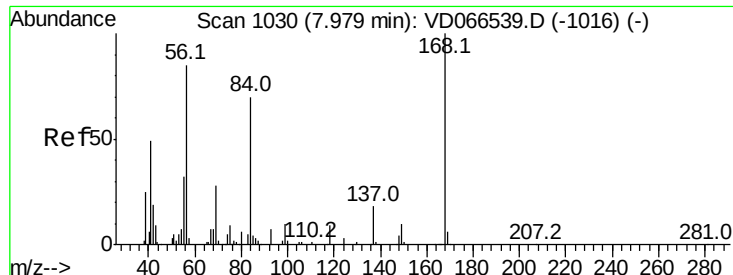
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091420\
Data File : VD066672.D
Acq On : 14 Sep 2020 14:43
Operator : VA/SY
Sample : L3928-06
Misc : 6.22G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 15 01:25:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 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: VD066672.D

Acq: 14 Sep 2020 14:43

Instrument :

MSVOA_D

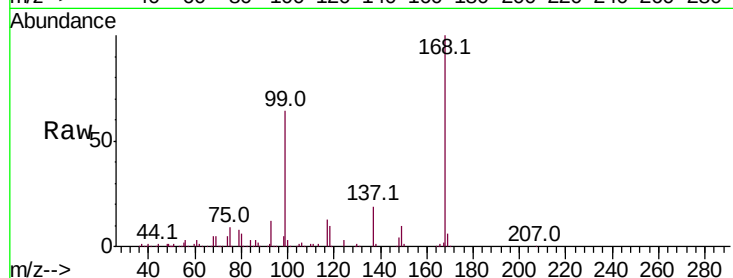
ClientSampleId :

Tot Ion:168 Resp: 441513

Ion Ratio Lower Upper

168 100

99 63.9 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

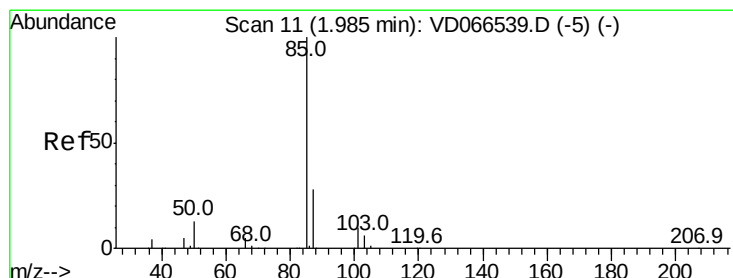
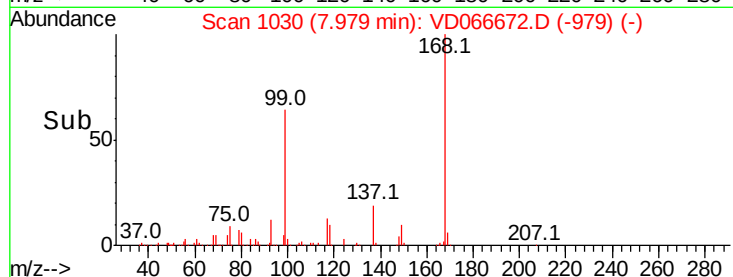
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 10

Delta R.T. -0.01 min

Lab File: VD066672.D

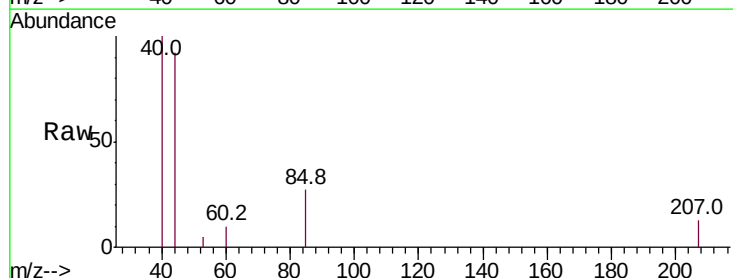
Acq: 14 Sep 2020 14:43

Tgt Ion: 85 Resp: 993

Ion Ratio Lower Upper

85 100

87 0.0 14.2 42.6#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

800

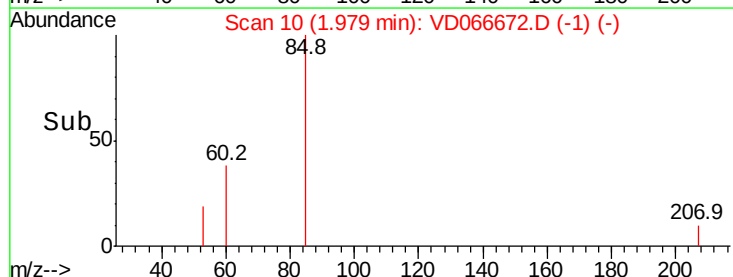
600

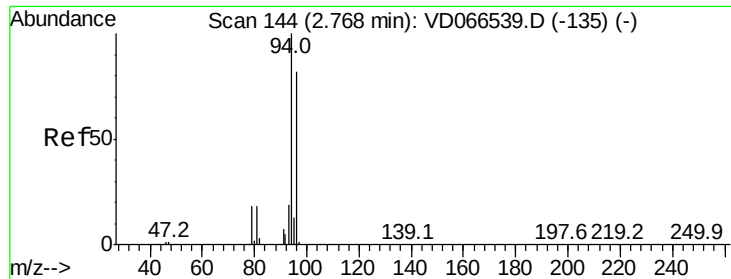
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066672.D

Acq: 14 Sep 2020 14:43

Instrument :

MSVOA_D

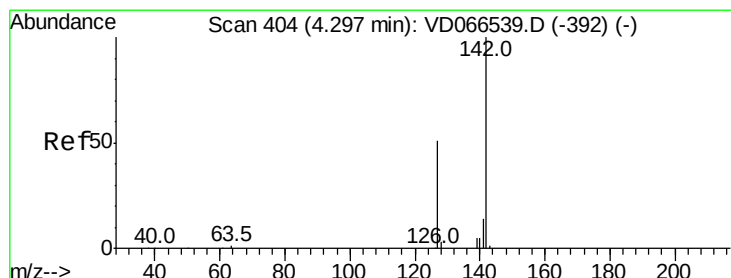
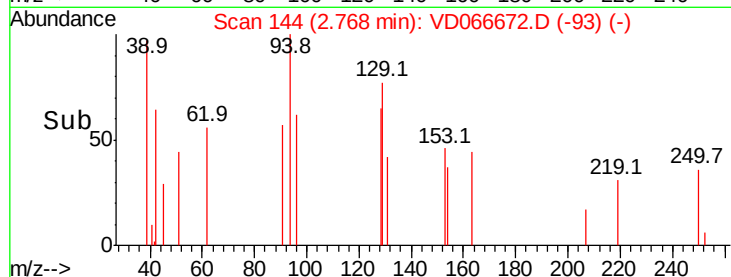
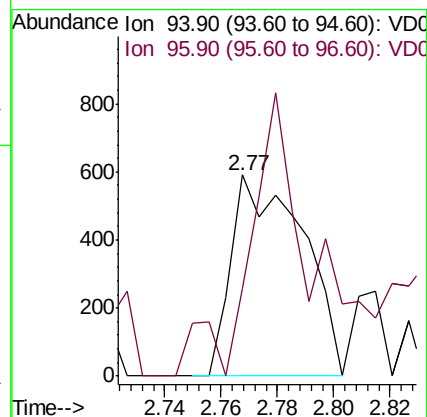
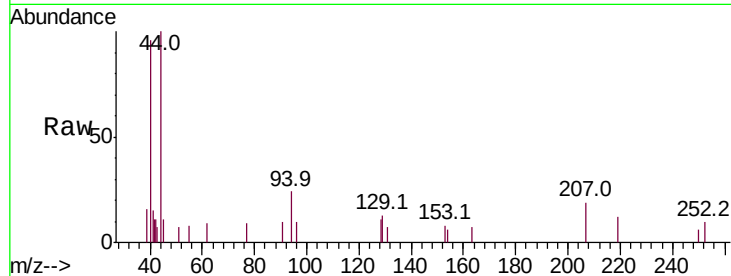
ClientSampleId :

Tot Ion: 94 Resp: 1040

Ion Ratio Lower Upper

94 100

96 17.6 65.2 97.8#



#10

Methyl Iodide

Concen: 4.126 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066672.D

Acq: 14 Sep 2020 14:43

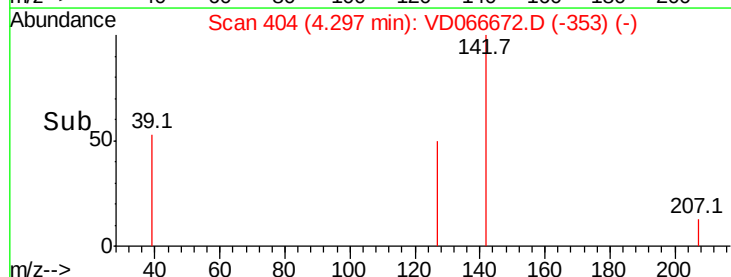
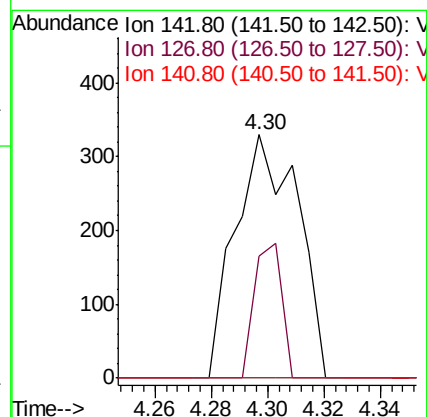
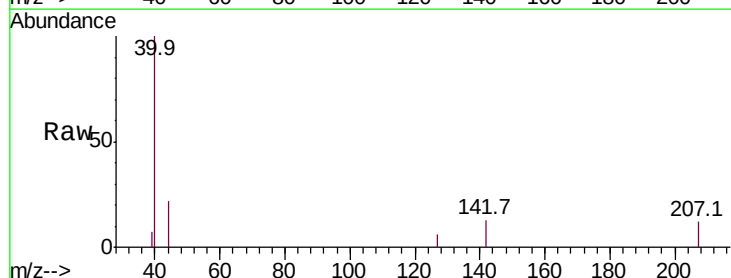
Tgt Ion: 142 Resp: 505

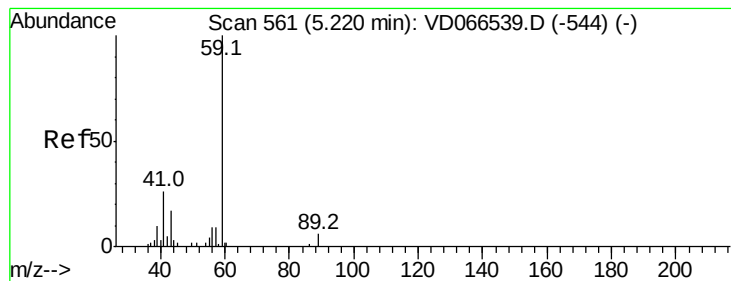
Ion Ratio Lower Upper

142 100

127 24.4 40.6 61.0#

141 0.0 12.2 18.4#



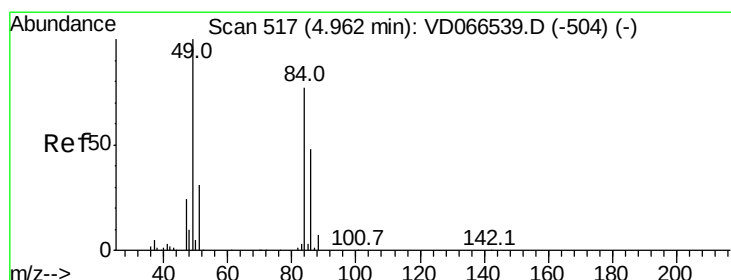
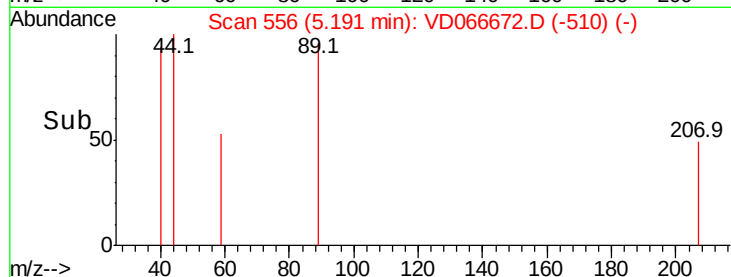
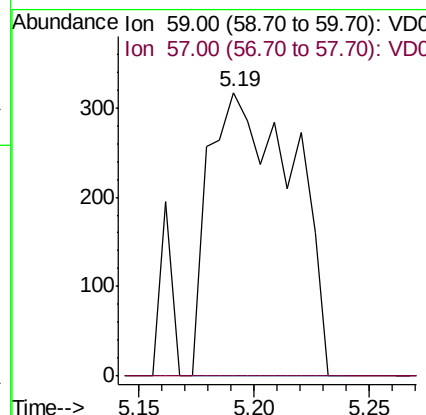
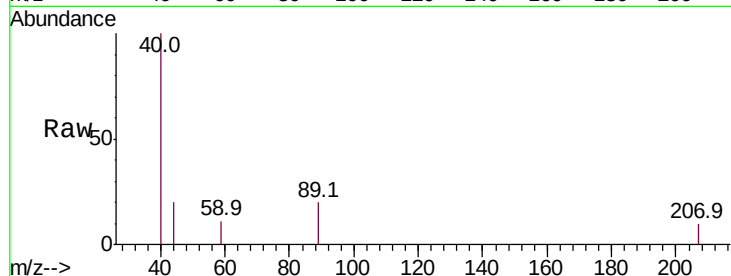


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.19 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD066672.D
Acq: 14 Sep 2020 14:43

Instrument :
MSVOA_D
ClientSampleId :

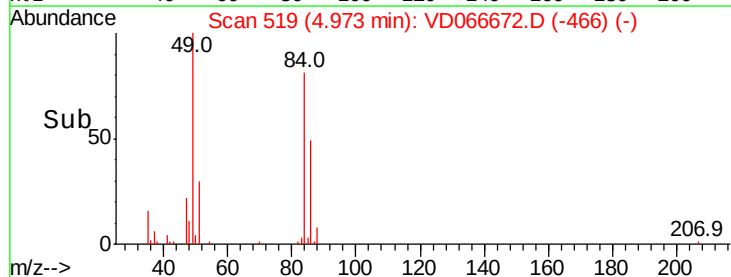
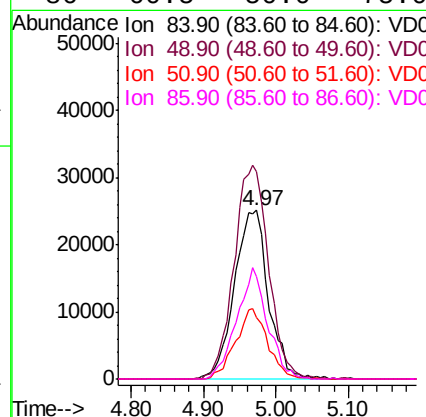
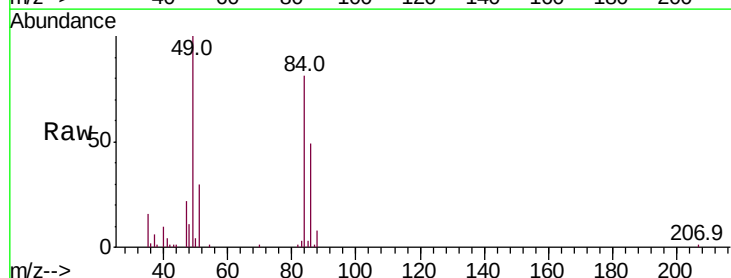
Tot Ion: 59 Resp: 807
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#

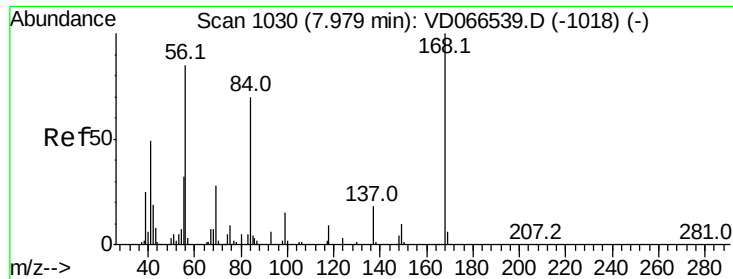


#20

Methylene Chloride
Concen: 9.916 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066672.D
Acq: 14 Sep 2020 14:43

Tgt Ion: 84 Resp: 81537
Ion Ratio Lower Upper
84 100
49 122.8 104.3 156.5
51 36.6 32.2 48.4
86 60.5 50.0 75.0

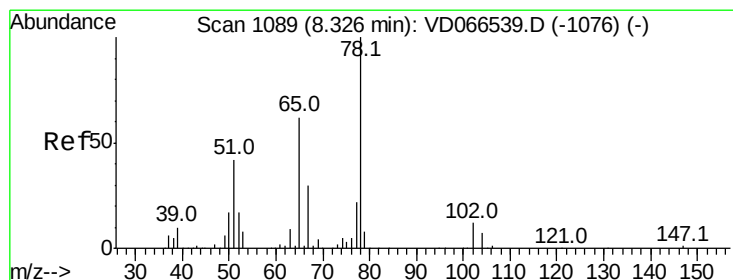
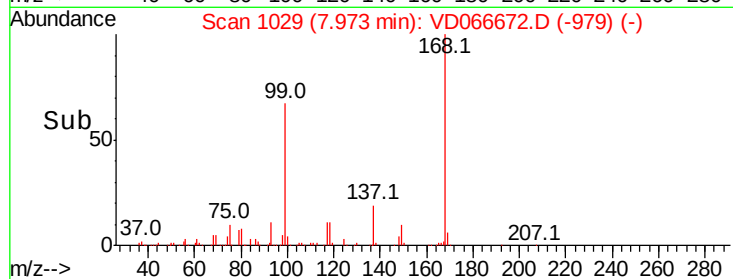
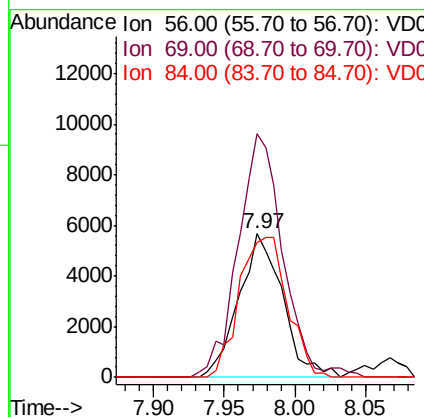
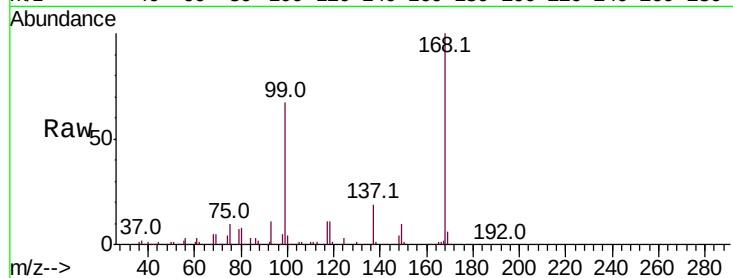




#31
Cyclohexane
Concen: 1.414 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066672.D
Acq: 14 Sep 2020 14:43

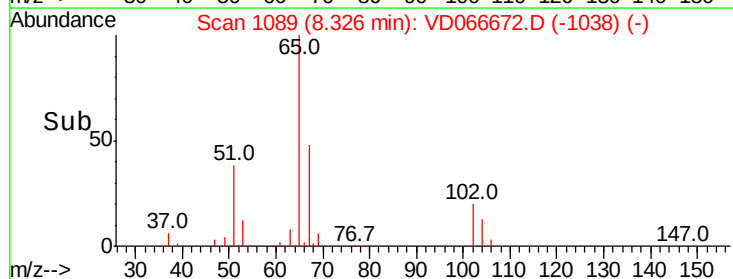
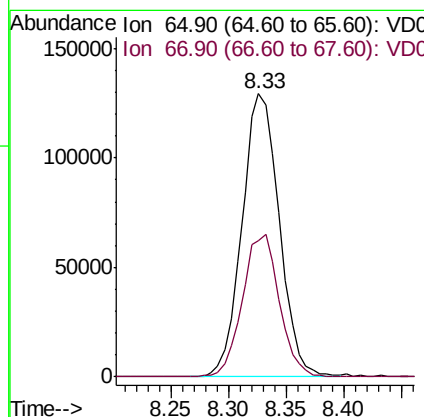
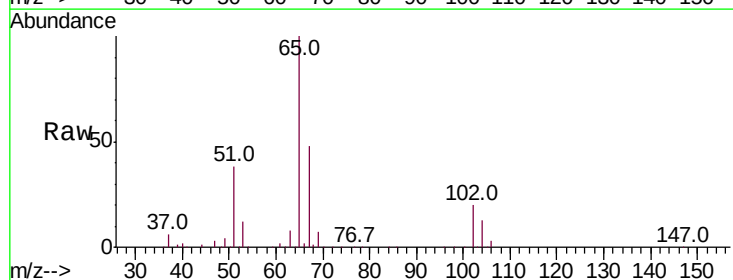
Instrument :
MSVOA_D
ClientSampled :

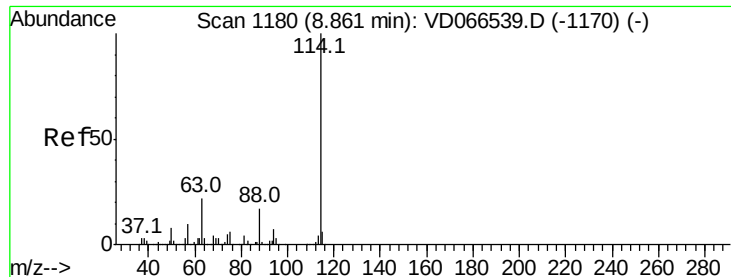
Tot Ion: 56 Resp: 12326
Ion Ratio Lower Upper
56 100
69 169.8 26.3 39.5#
84 93.6 66.1 99.1



#33
1,2-Dichloroethane-d4
Concen: 54.394 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VD066672.D
Acq: 14 Sep 2020 14:43

Tgt Ion: 65 Resp: 290565
Ion Ratio Lower Upper
65 100
67 49.7 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066672.D

Acq: 14 Sep 2020 14:43

Instrument :

MSVOA_D

ClientSampled :

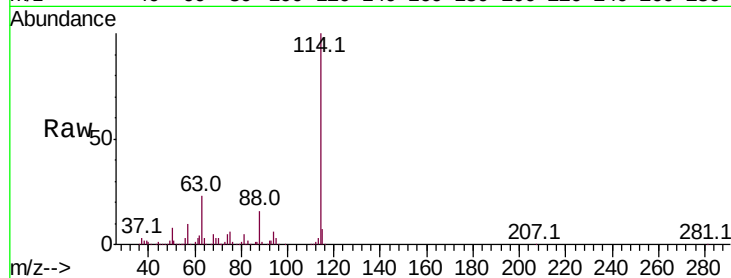
Tot Ion:114 Resp: 773889

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.2

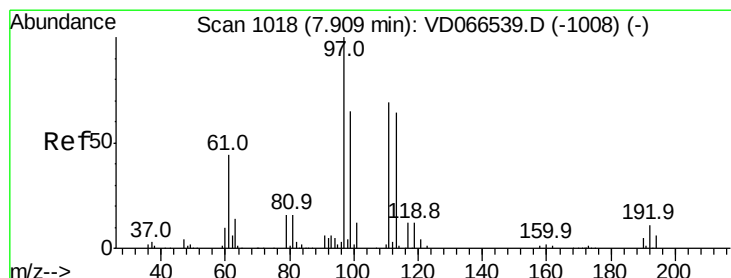
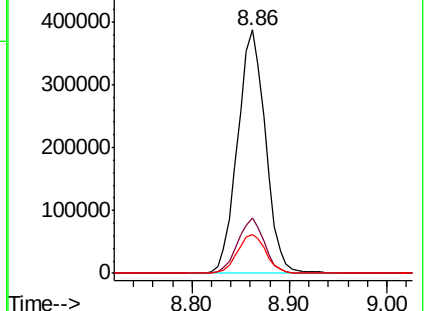
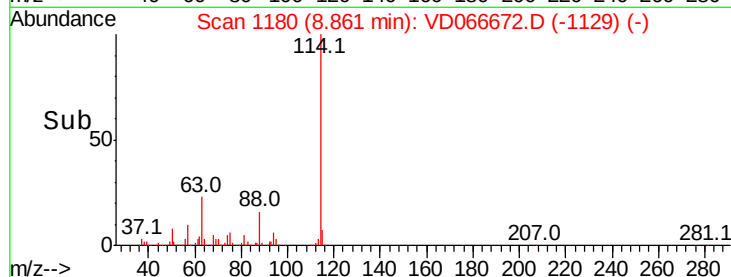
88 16.1 0.0 33.2



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: 50.937 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066672.D

Acq: 14 Sep 2020 14:43

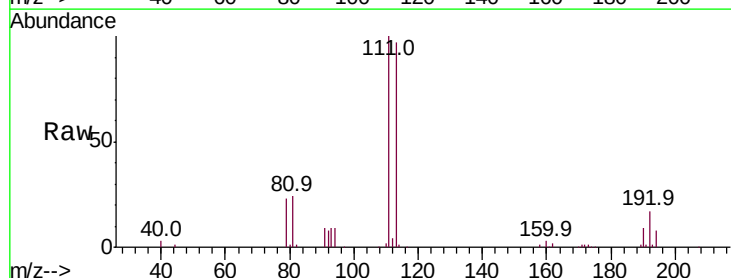
Tgt Ion:113 Resp: 265926

Ion Ratio Lower Upper

113 100

111 100.8 83.2 124.8

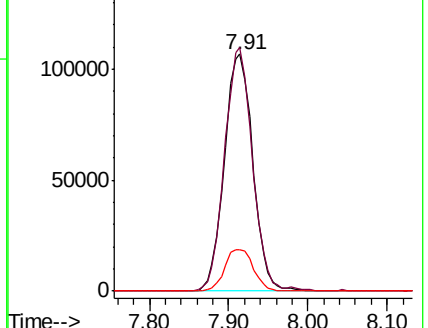
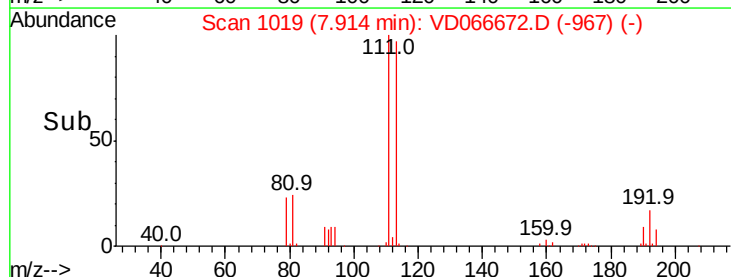
192 17.6 13.7 20.5

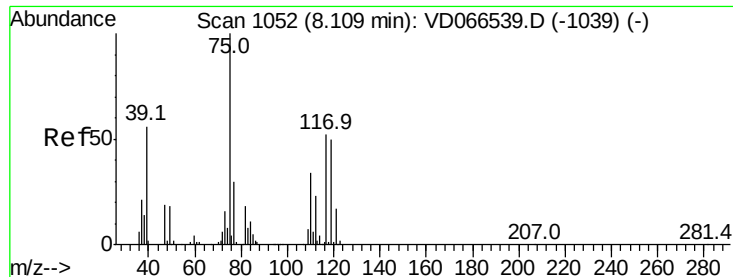


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

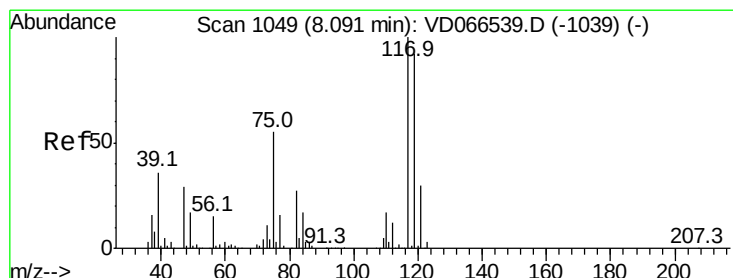
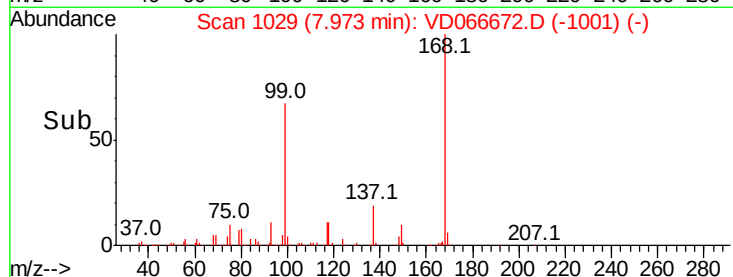
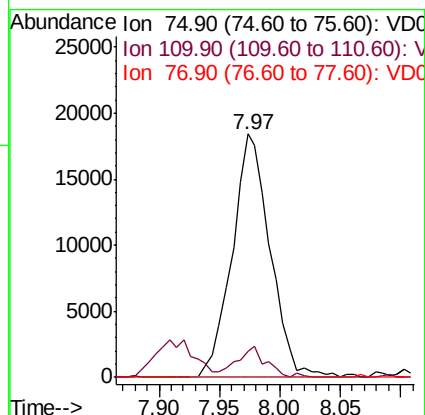
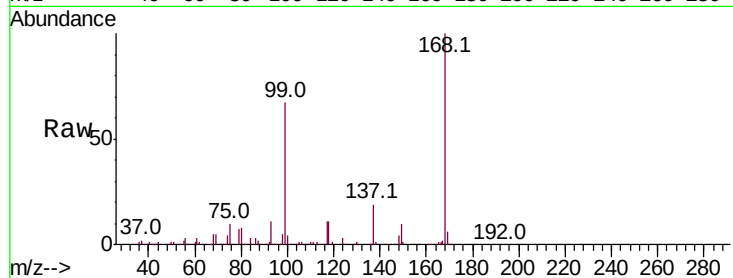




#36
 1,1-Dichloropropene
 Concen: 4.994 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066672.D
 Acq: 14 Sep 2020 14:43

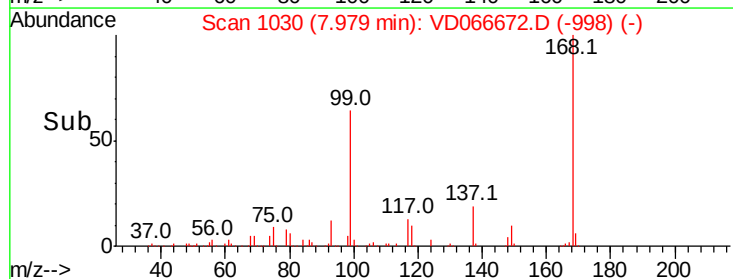
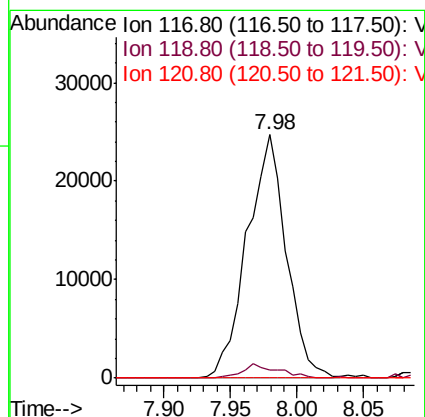
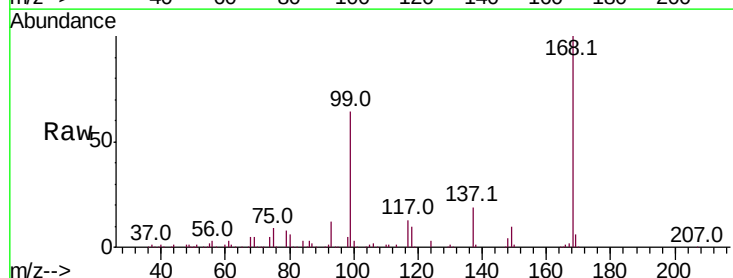
Instrument :
 MSVOA_D
 ClientSampled :

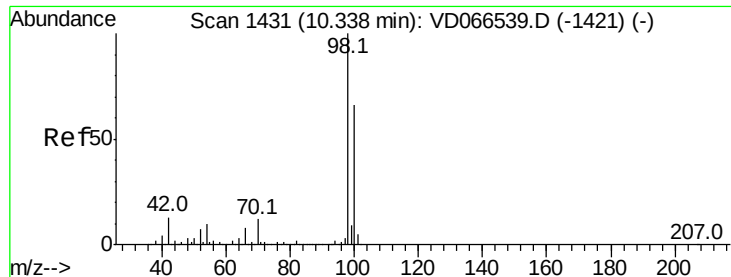
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.3	52.0#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.905 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: VD066672.D
 Acq: 14 Sep 2020 14:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.5	73.9	110.9#
121	0.0	24.1	36.1#

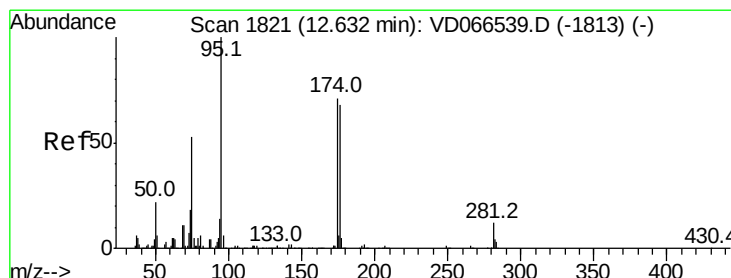
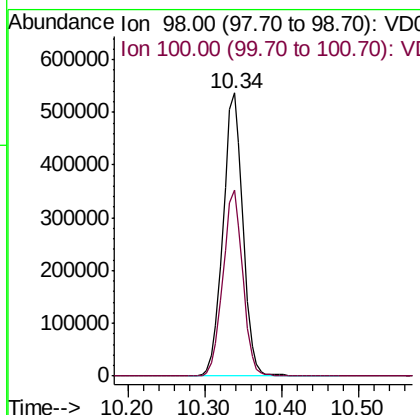
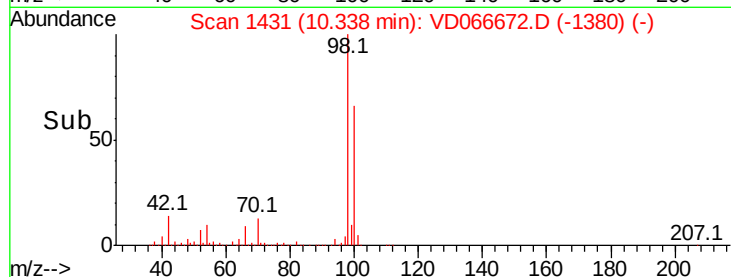
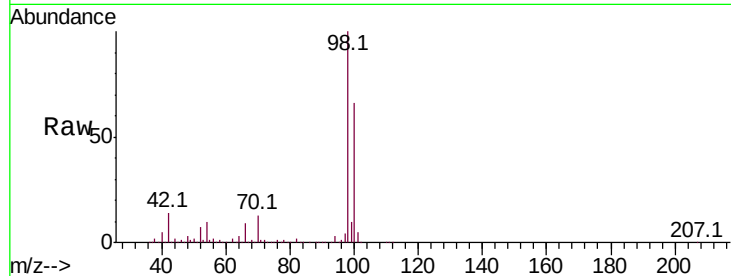




#50
Toluene-d8
Concen: 51.681 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066672.D
Acq: 14 Sep 2020 14:43

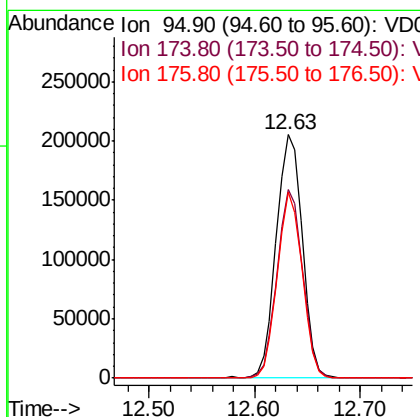
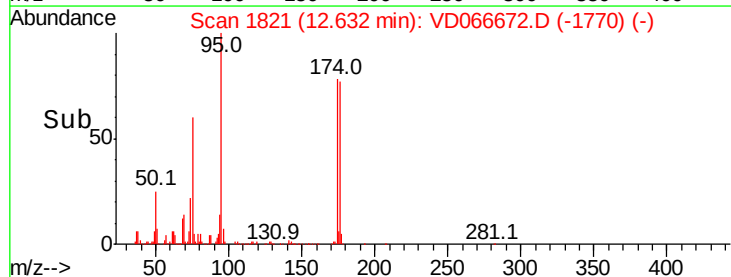
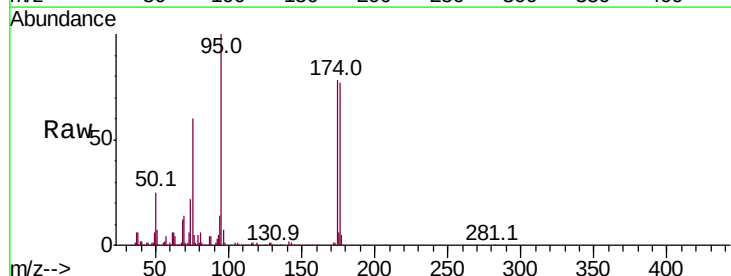
Instrument :
MSVOA_D
ClientSampleId :

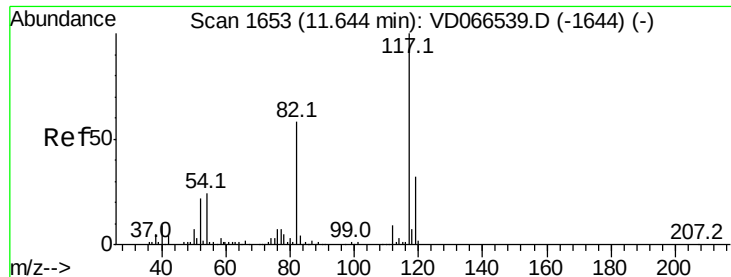
Tot Ion: 98 Resp: 964341
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 56.513 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066672.D
Acq: 14 Sep 2020 14:43

Tgt Ion: 95 Resp: 349663
Ion Ratio Lower Upper
95 100
174 75.9 0.0 155.8
176 72.9 0.0 148.6

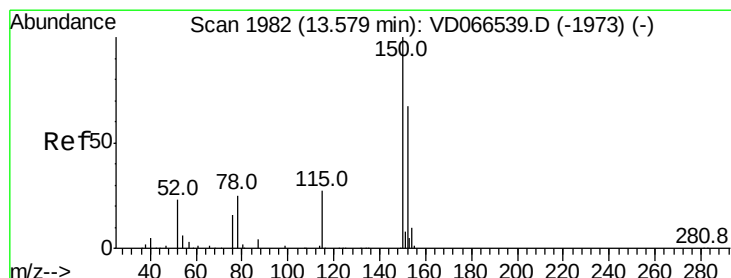
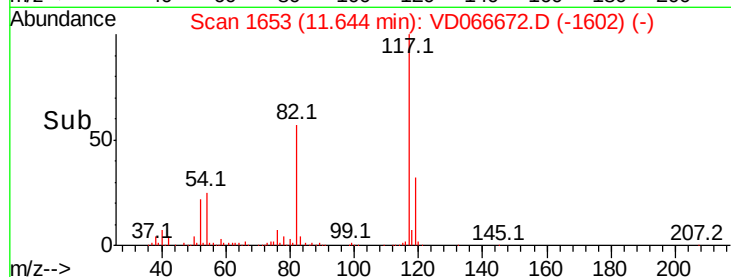
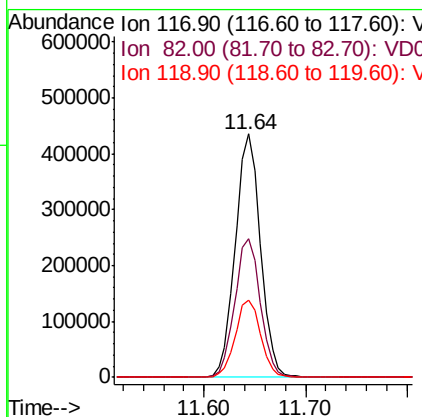
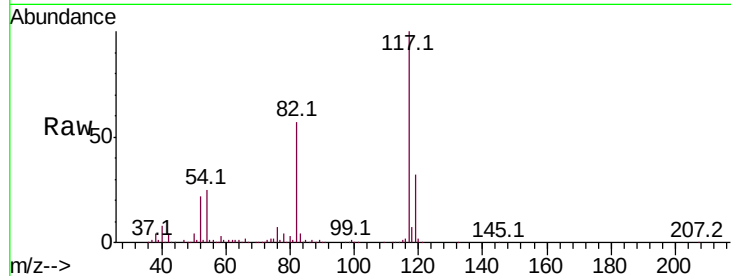




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066672.D
Acq: 14 Sep 2020 14:43

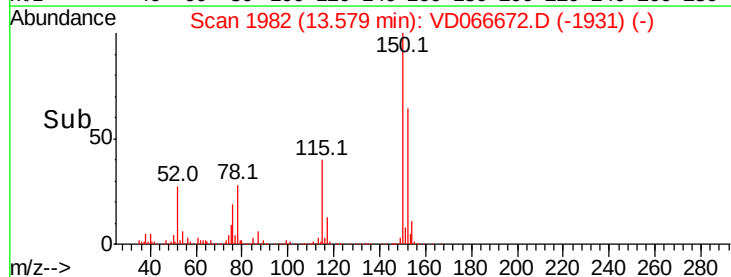
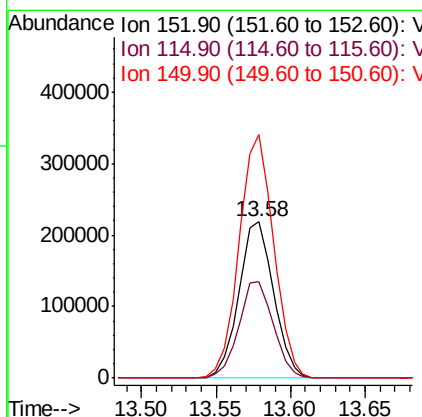
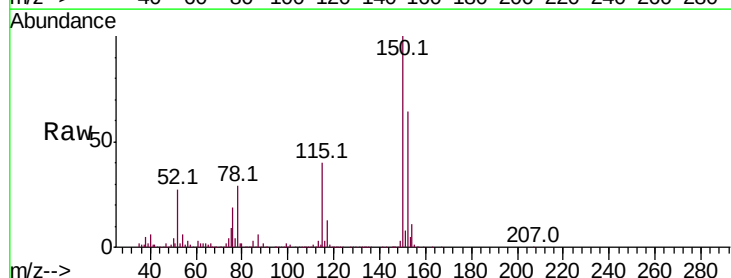
Instrument :
MSVOA_D
ClientSampled :

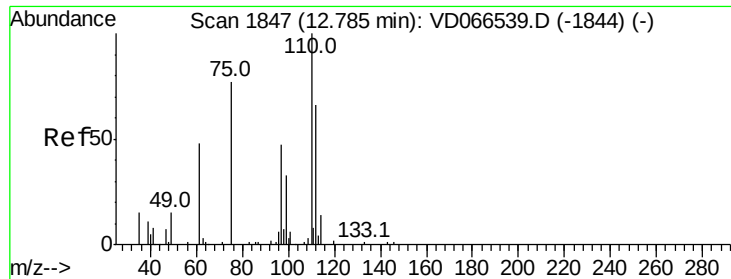
Tot Ion:117 Resp: 750543
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.2
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066672.D
Acq: 14 Sep 2020 14:43

Tgt Ion:152 Resp: 352912
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.2
150 154.8 0.0 345.8

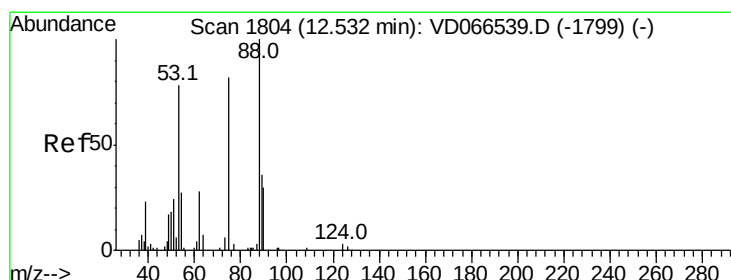
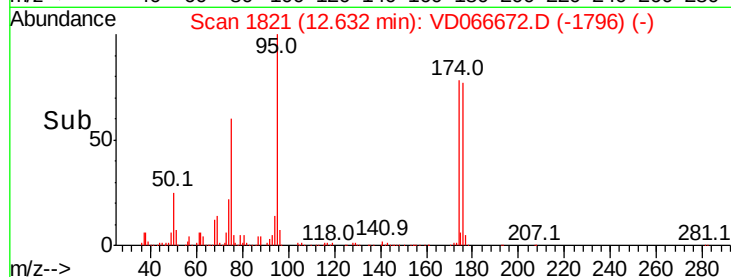
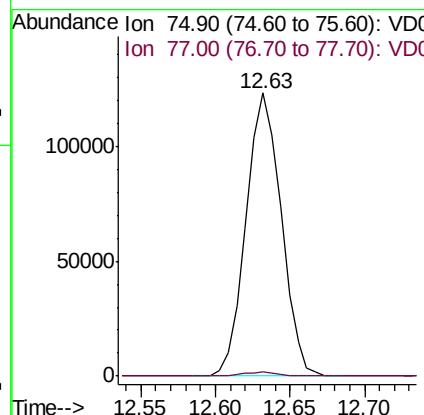
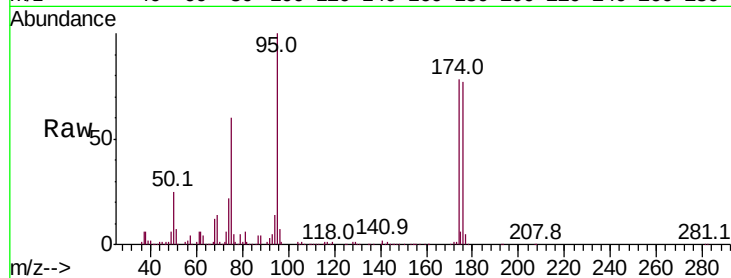




#76
 1,2,3-Trichloropropane
 Concen: 59.210 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD066672.D
 Acq: 14 Sep 2020 14:43

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 75 Resp: 200964
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.235 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD066672.D
 Acq: 14 Sep 2020 14:43

Tgt Ion: 75 Resp: 200964
 Ion Ratio Lower Upper
 75 100
 53 0.2 87.0 130.4#
 89 0.0 37.1 55.7#

