

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066624.D
 Acq On : 10 Sep 2020 18:56
 Operator : VA/SY
 Sample : L3896-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Sep 11 02:09:32 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	7.97	168	345552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	621615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	571609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206829	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	231977	55.49	ug/l	0.00
Spiked Amount			Recovery	=	110.98%	
35) Dibromofluoromethane	7.91	113	218506	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
50) Toluene-d8	10.34	98	770480	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.63	95	232690	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	

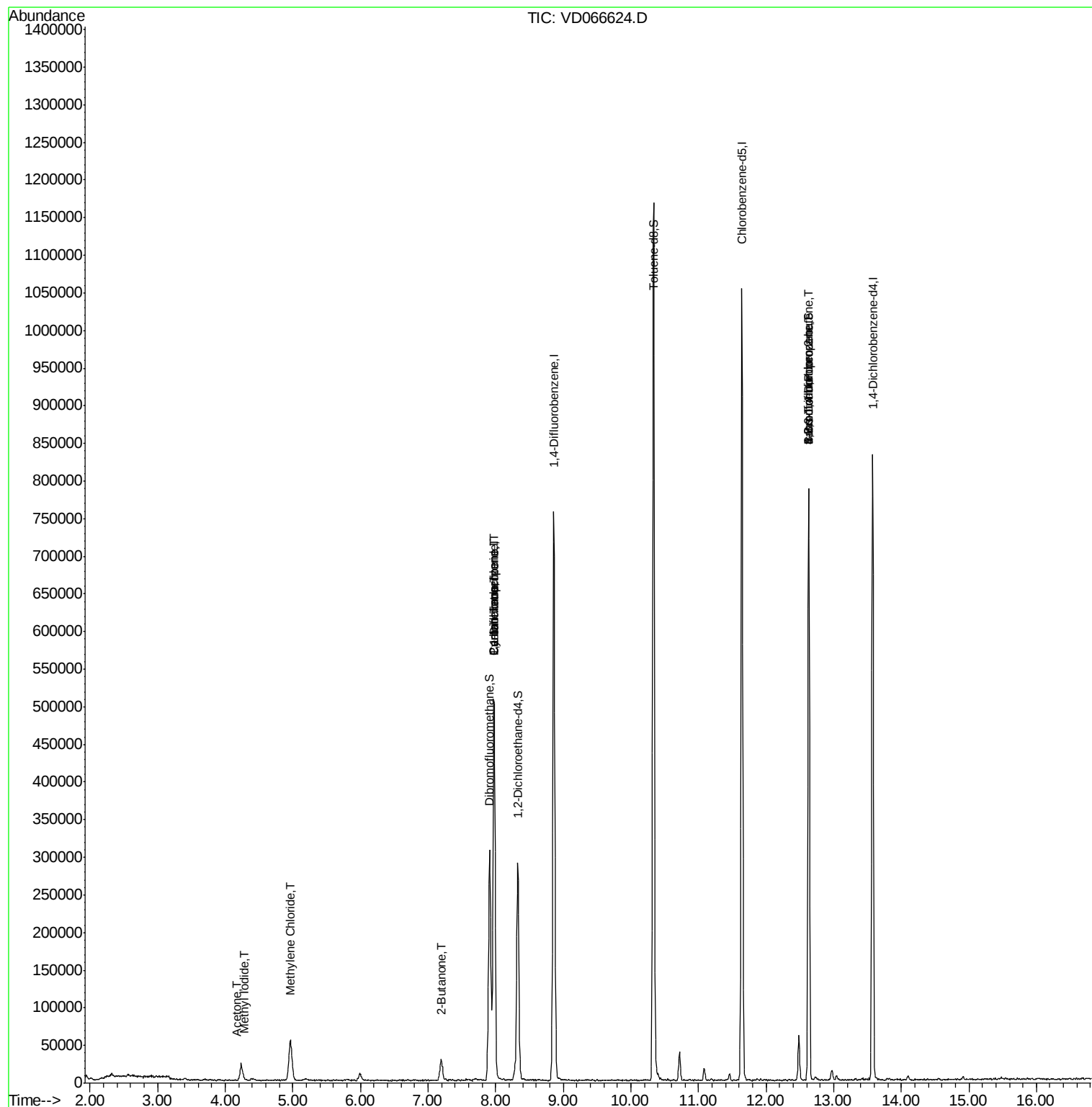
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	135	Below Cal	#	46
5) Bromomethane	2.80	94	207	Below Cal	#	73
10) Methyl Iodide	4.29	142	82	4.045	ug/l #	35
11) Tert butyl alcohol	5.20	59	1033	Below Cal	#	74
16) Acetone	4.17	43	1288	1.674	ug/l #	46
20) Methylene Chloride	4.96	84	39675	3.279	ug/l	97
25) 2-Butanone	7.20	43	1487	1.440	ug/l #	64
31) Cyclohexane	7.97	56	10342	1.516	ug/l #	12
36) 1,1-Dichloropropene	7.98	75	33385	5.161	ug/l #	50
38) Carbon Tetrachloride	7.98	117	37867	5.538	ug/l #	18
71) Bromoform	12.63	173	2392	1.054	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	135106	67.922	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	135106	158.573	ug/l #	7

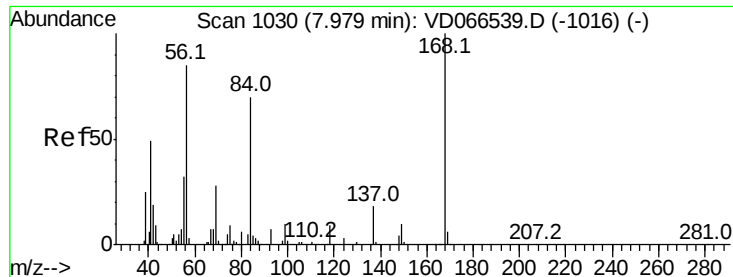
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091020\
Data File : VD066624.D
Acq On : 10 Sep 2020 18:56
Operator : VA/SY
Sample : L3896-01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Quant Time: Sep 11 02:09:32 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: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066624.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

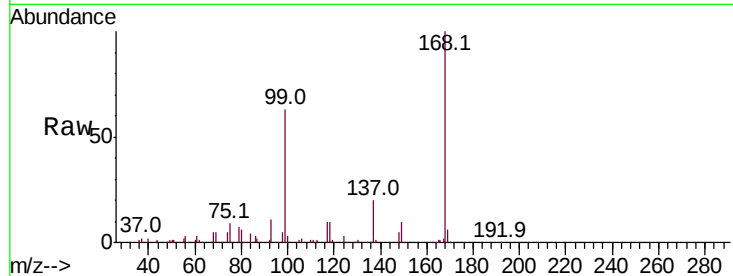
WC-1

Tot Ion:168 Resp: 345552

Ion Ratio Lower Upper

168 100

99 63.2 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

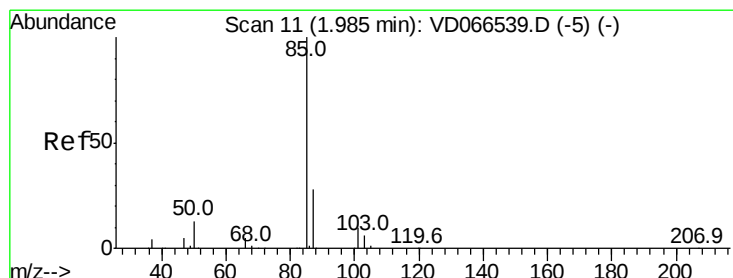
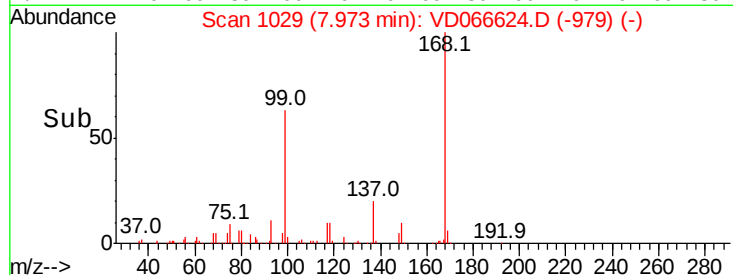
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD066624.D

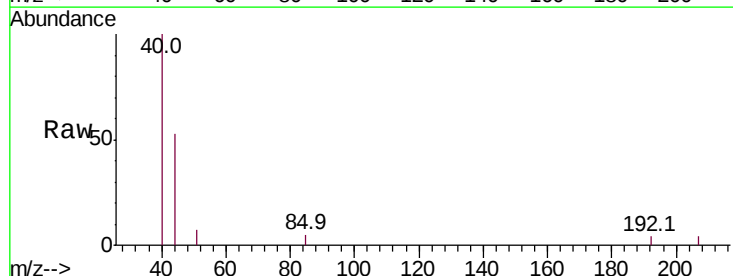
Acq: 10 Sep 2020 18:56

Tgt Ion: 85 Resp: 135

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

2.00

200

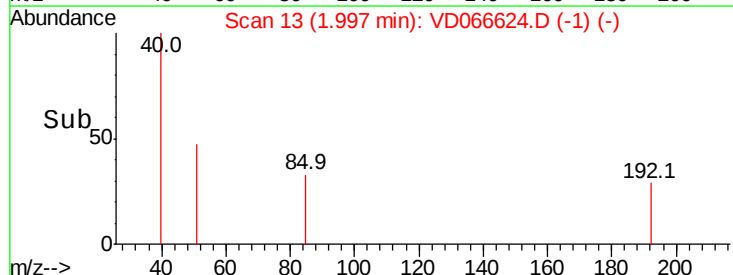
150

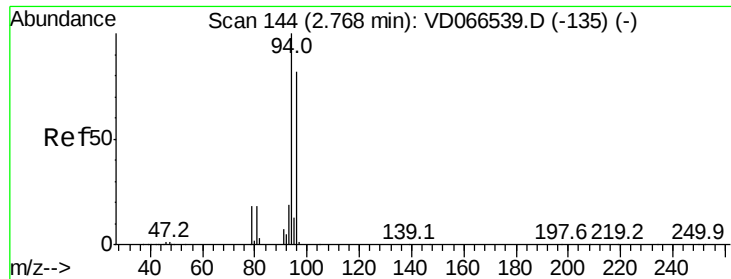
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.80 min Scan# 149

Delta R.T. 0.03 min

Lab File: VD066624.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

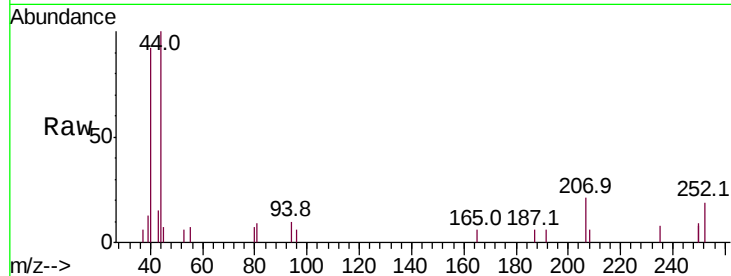
WC-1

Tot Ion: 94 Resp: 207

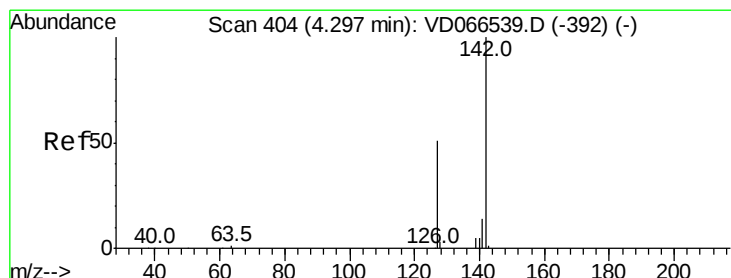
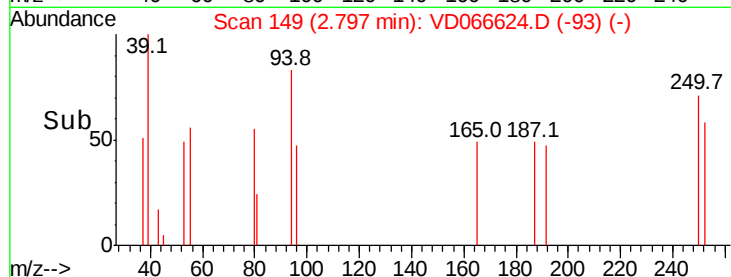
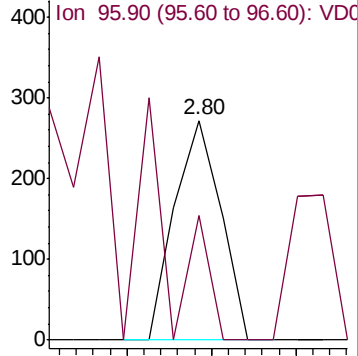
Ion Ratio Lower Upper

94 100

96 57.0 65.2 97.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC



#10

Methyl Iodide

Concen: 4.045 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066624.D

Acq: 10 Sep 2020 18:56

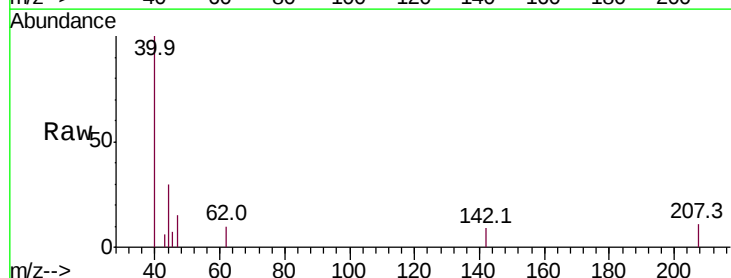
Tgt Ion: 142 Resp: 82

Ion Ratio Lower Upper

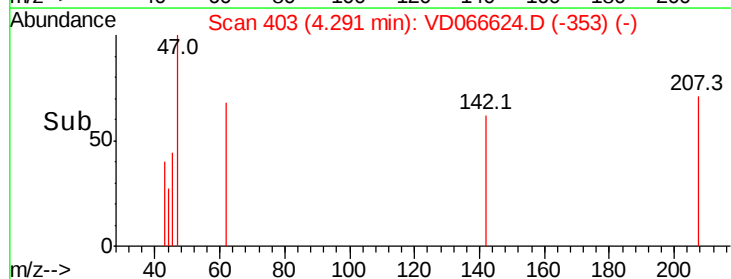
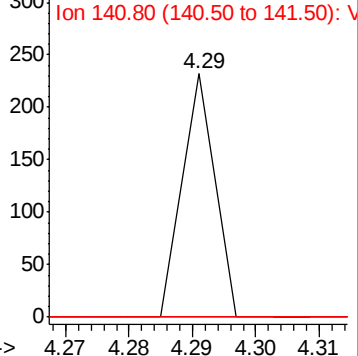
142 100

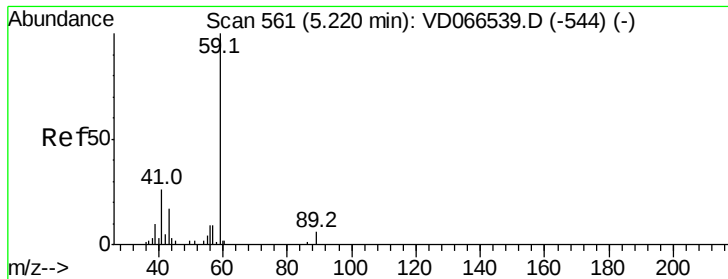
127 0.0 40.6 61.0#

141 0.0 12.2 18.4#



Abundance Ion 141.80 (141.50 to 142.50): V



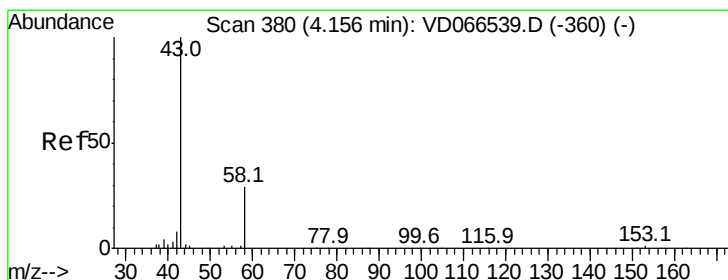
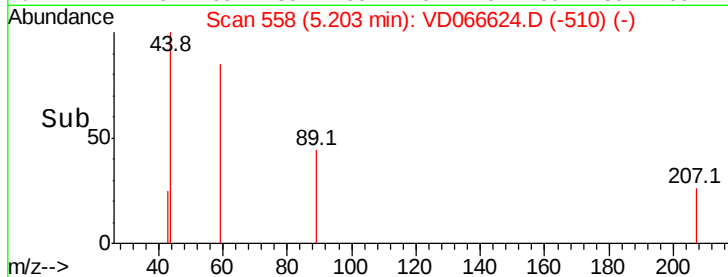
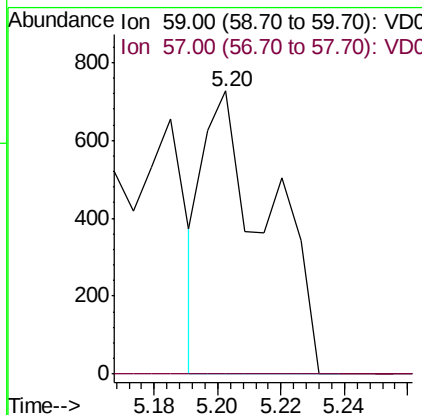
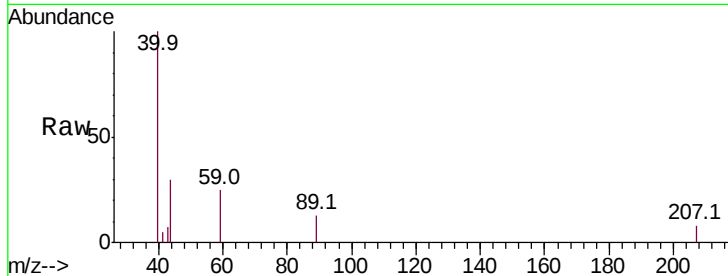


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
WC-1

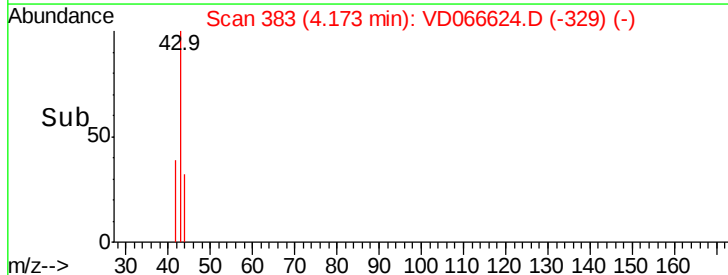
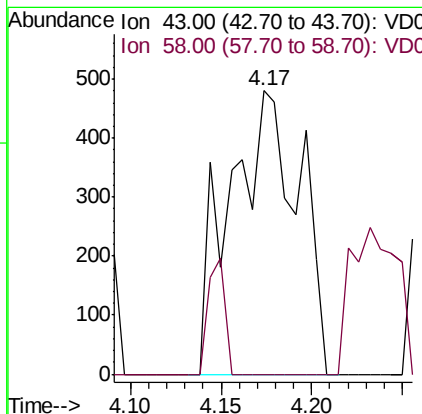
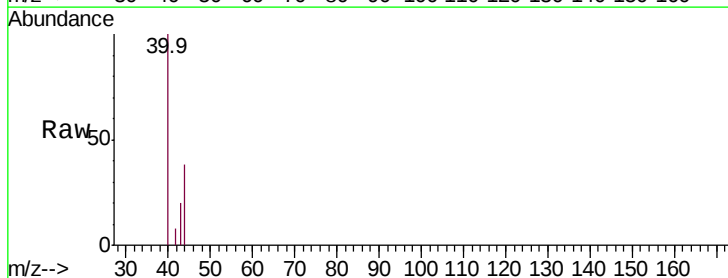
Tot Ion: 59 Resp: 1033
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#

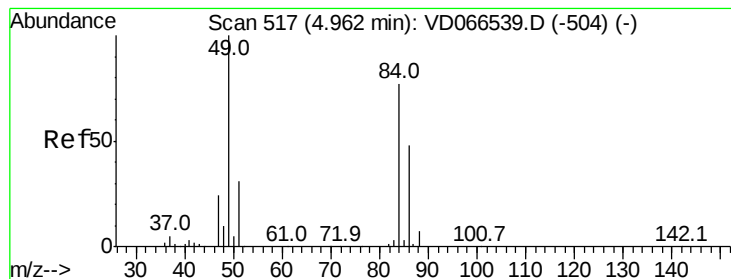


#16

Acetone
Concen: 1.674 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.02 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#





#20

Methvlene Chloride

Concen: 3.279 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD066624.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampled :

WC-1

Tot Ion: 84 Resp: 39675

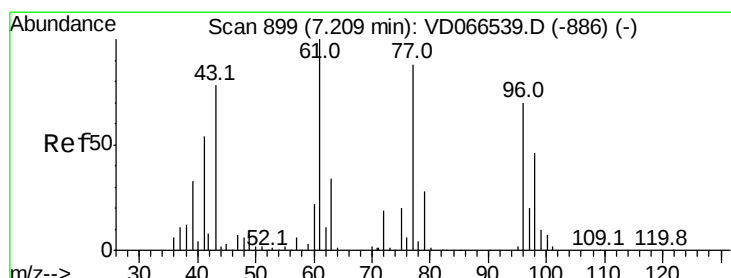
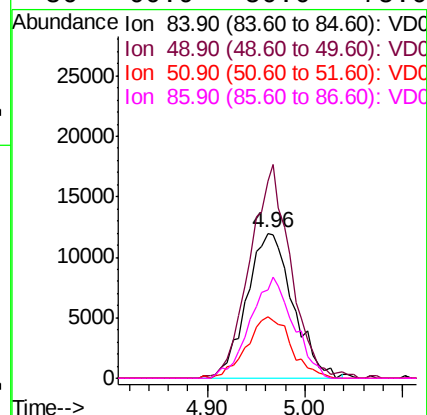
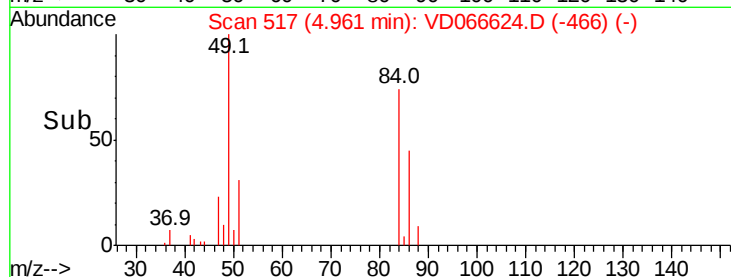
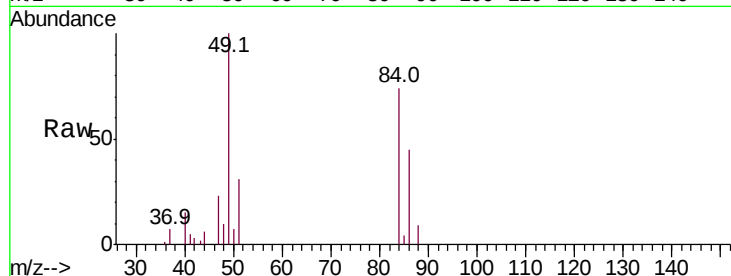
Ion Ratio Lower Upper

84 100

49 135.4 104.3 156.5

51 42.1 32.2 48.4

86 60.9 50.0 75.0



#25

2-Butanone

Concen: 1.440 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066624.D

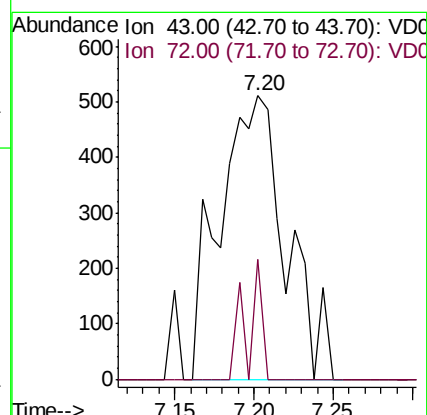
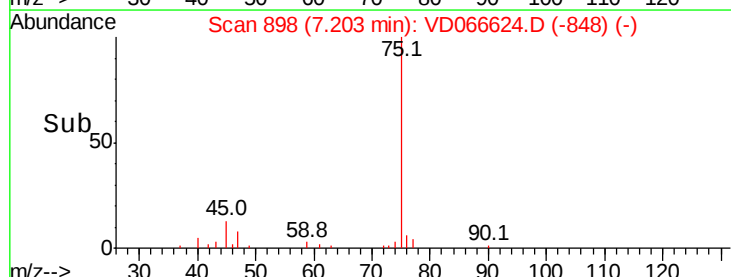
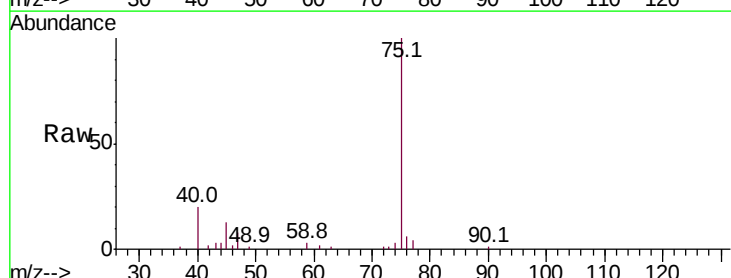
Acq: 10 Sep 2020 18:56

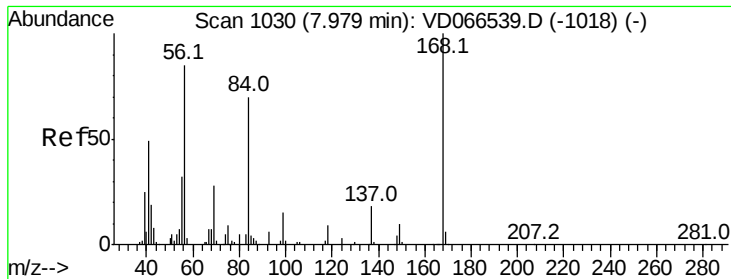
Tgt Ion: 43 Resp: 1487

Ion Ratio Lower Upper

43 100

72 42.5 19.8 29.6#

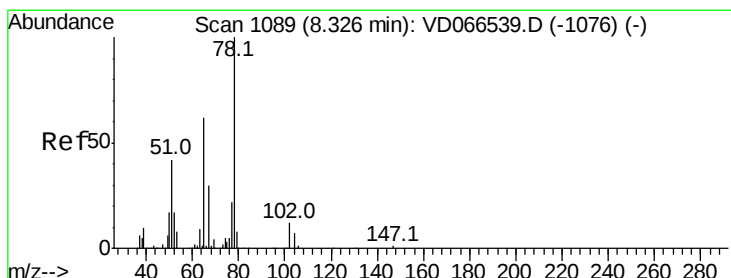
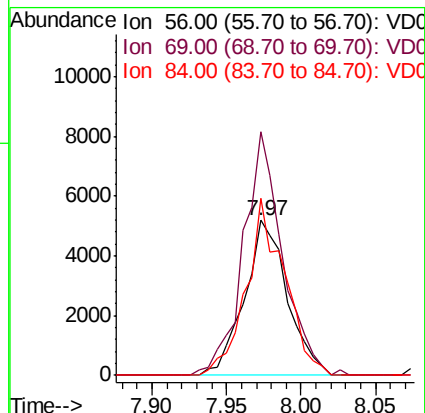
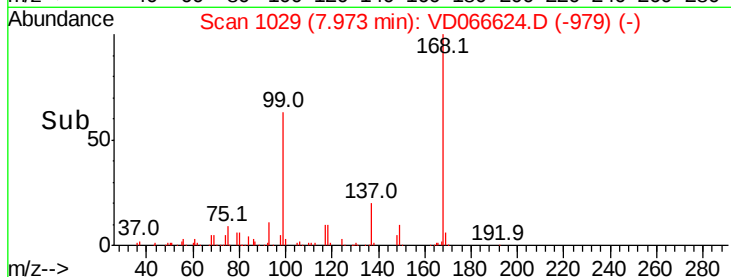
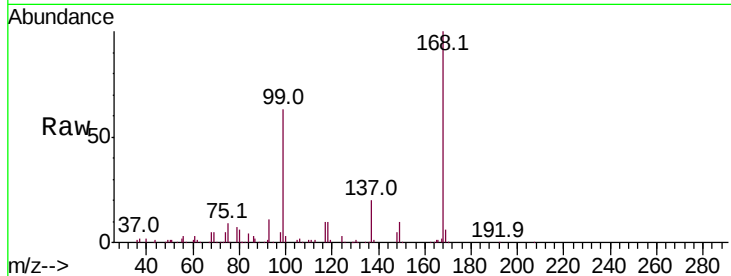




#31
Cyclohexane
Concen: 1.516 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

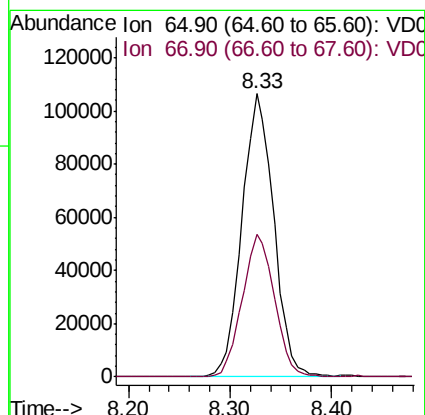
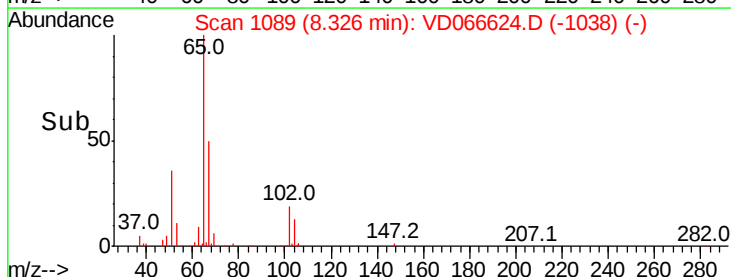
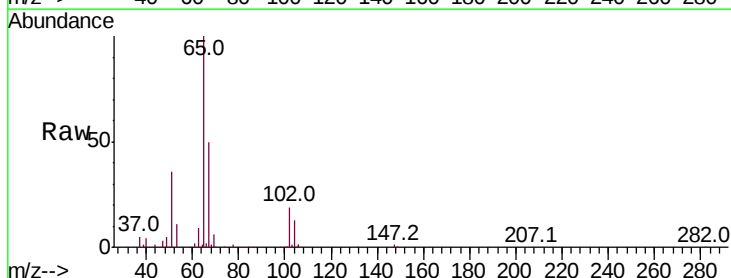
Instrument :
MSVOA_D
ClientSampleId :
WC-1

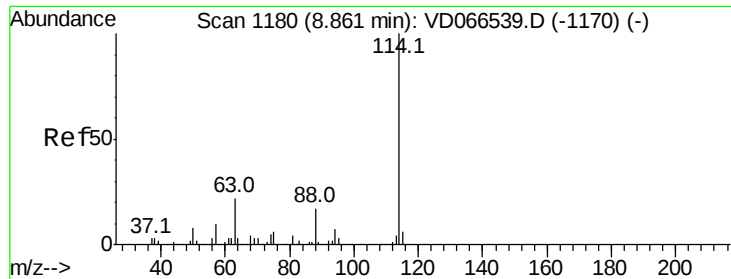
Tot Ion: 56 Resp: 10342
Ion Ratio Lower Upper
56 100
69 157.3 26.3 39.5#
84 114.7 66.1 99.1#



#33
1,2-Dichloroethane-d4
Concen: 55.486 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

Tgt Ion: 65 Resp: 231977
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.8

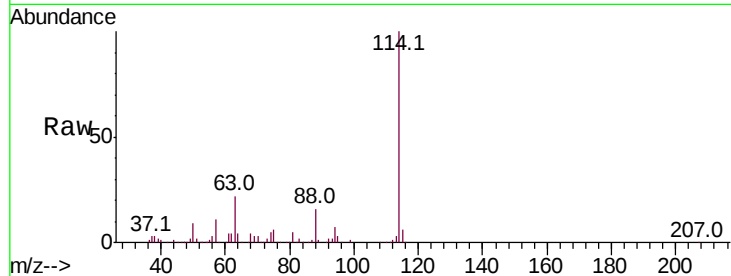




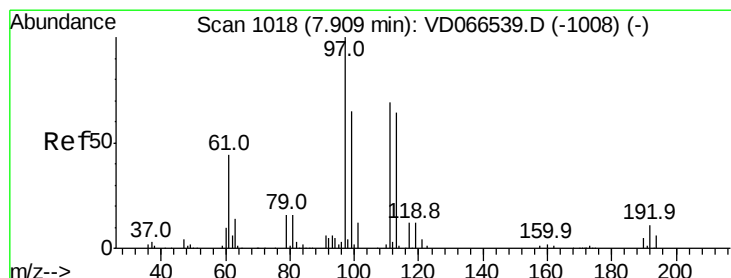
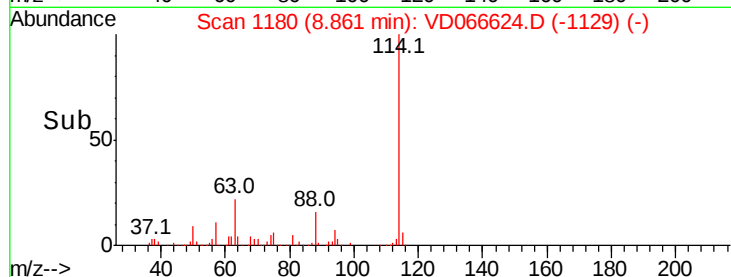
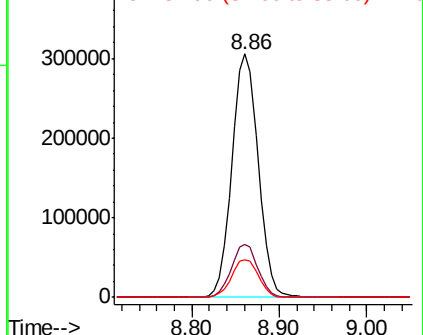
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tot Ion:114 Resp: 621615
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 15.5 0.0 33.2

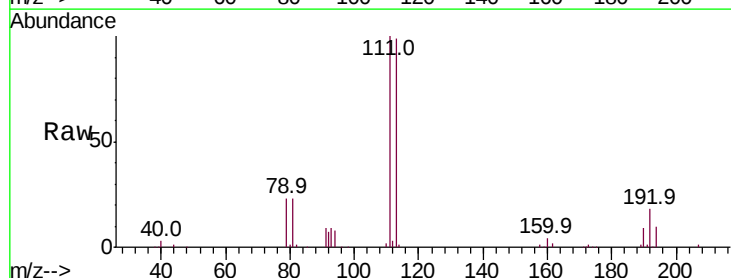


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

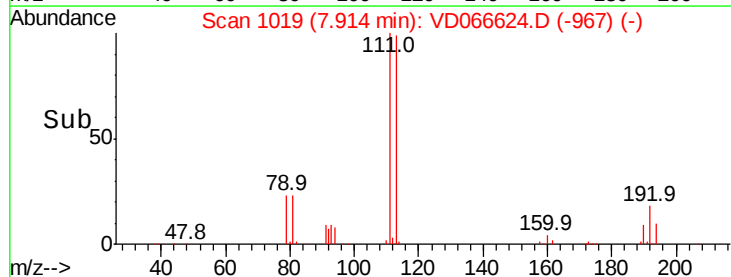
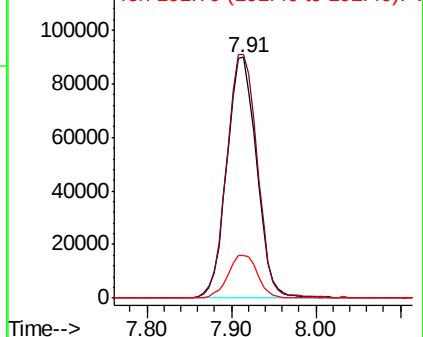


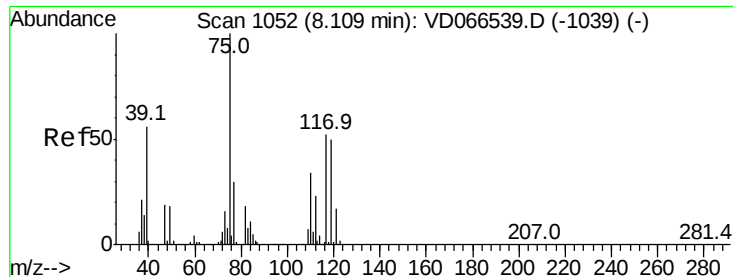
#35
Dibromofluoromethane
Concen: 52.106 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

Tgt Ion:113 Resp: 218506
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 17.7 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

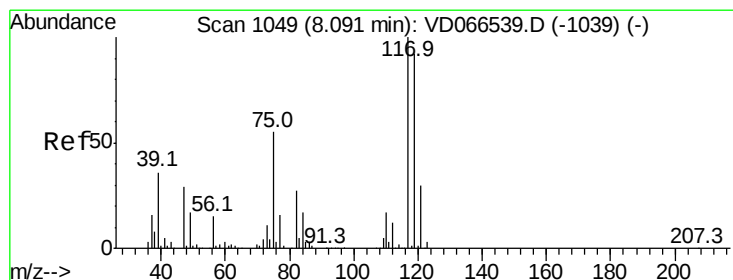
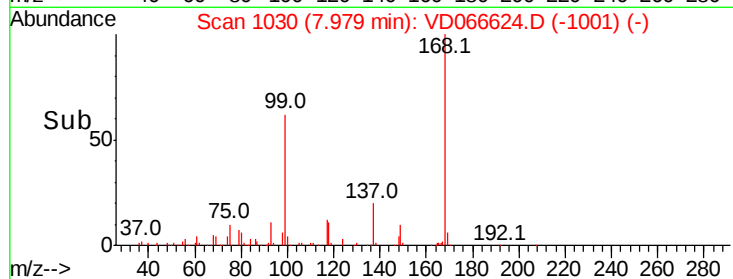
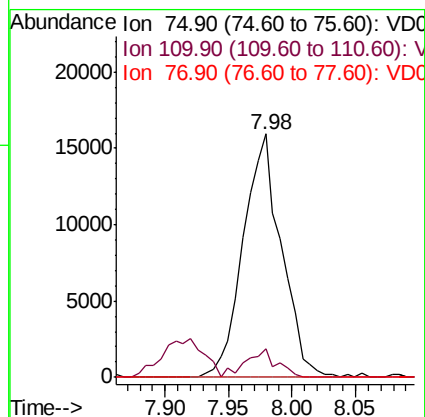
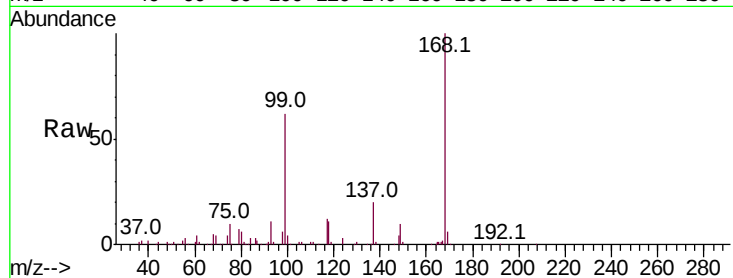




#36
 1,1-Dichloropropene
 Concen: 5.161 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066624.D
 Acq: 10 Sep 2020 18:56

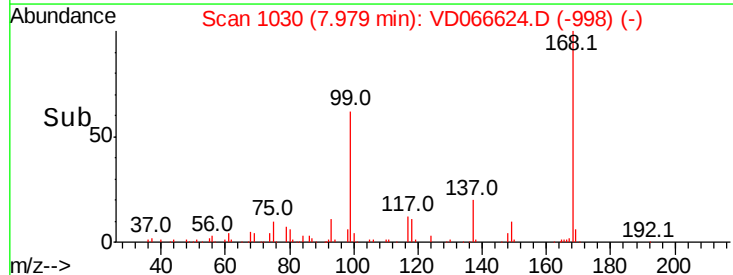
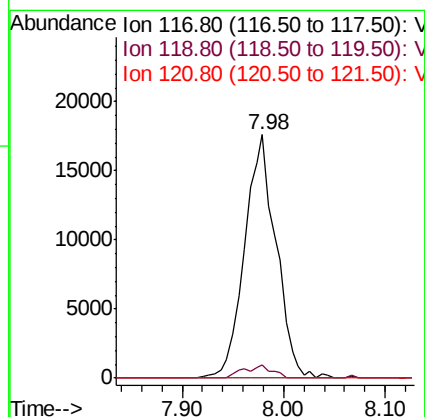
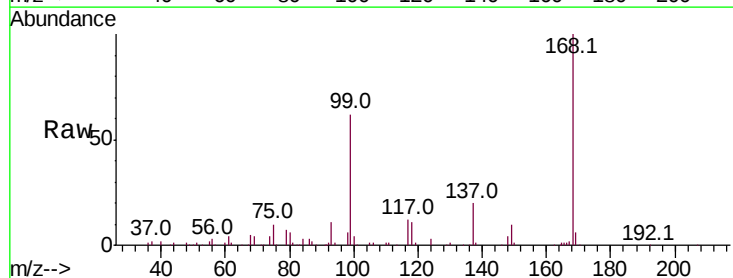
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

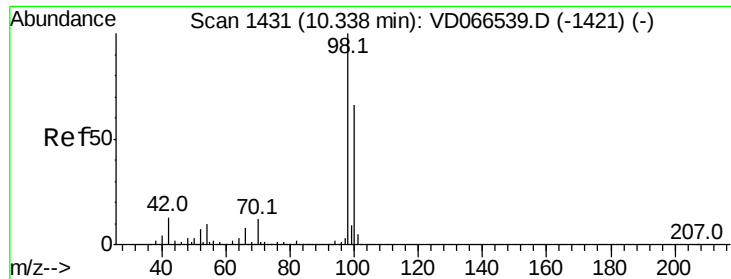
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.3	52.0#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.538 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: VD066624.D
 Acq: 10 Sep 2020 18:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	73.9	110.9#
121	0.0	24.1	36.1#

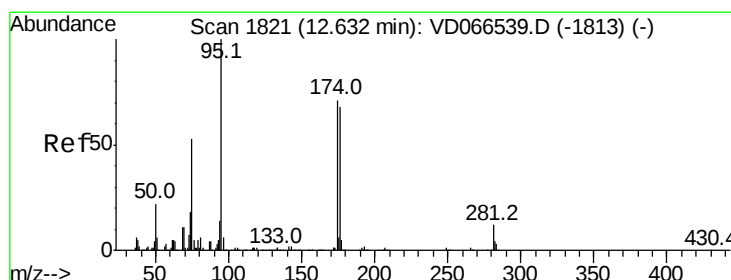
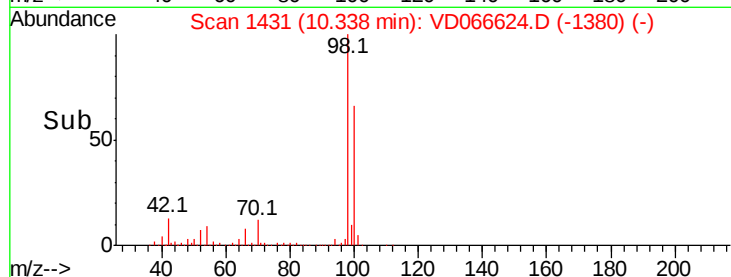
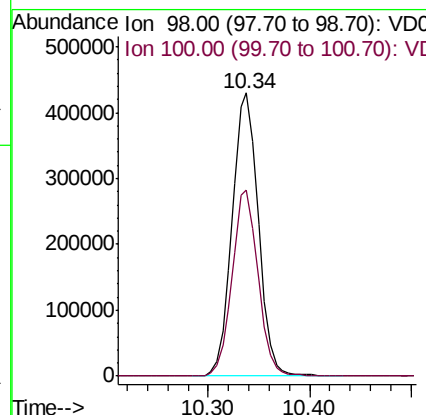
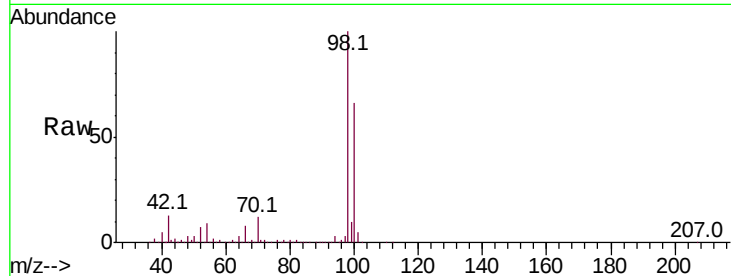




#50
Toluene-d8
Concen: 51.406 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

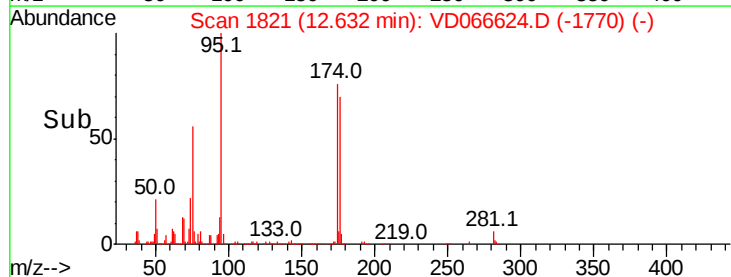
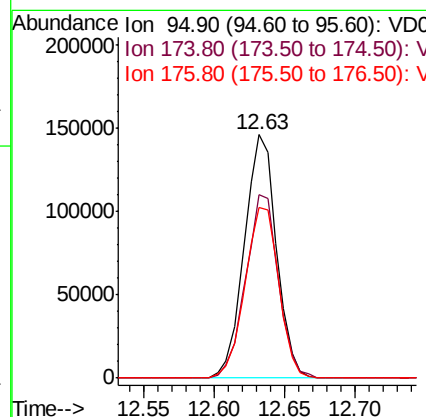
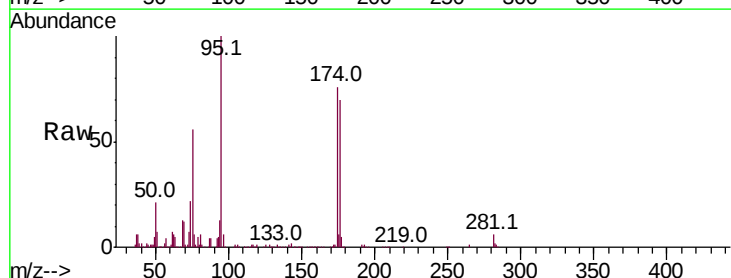
Instrument :
MSVOA_D
ClientSampleId :
WC-1

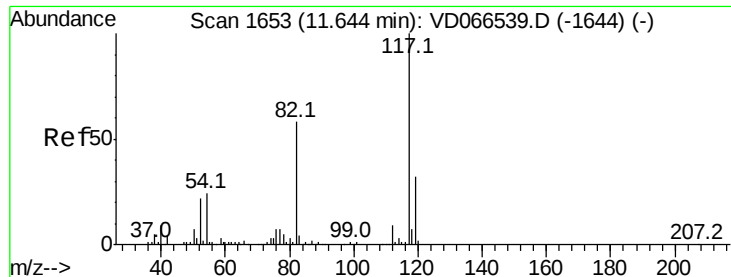
Tot Ion: 98 Resp: 770480
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.820 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

Tgt Ion: 95 Resp: 232690
Ion Ratio Lower Upper
95 100
174 76.9 0.0 155.8
176 73.8 0.0 148.6

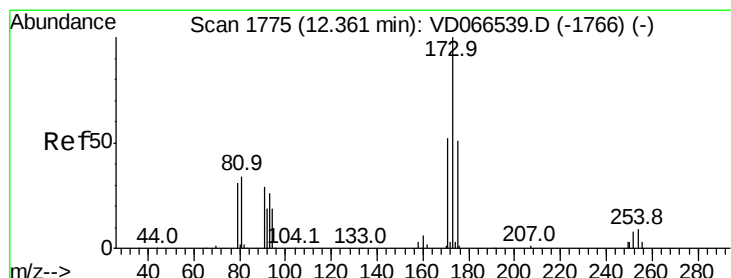
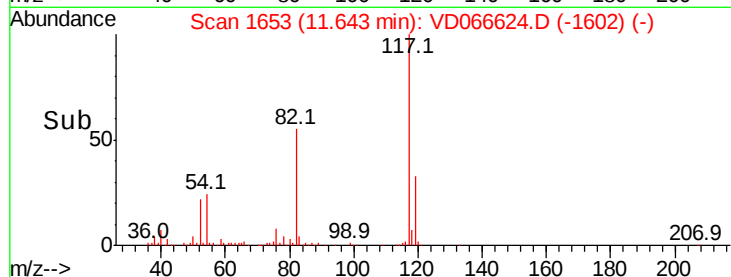
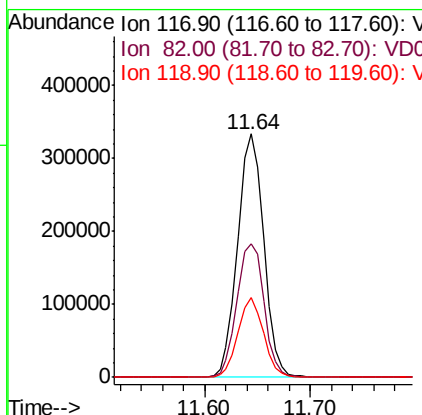
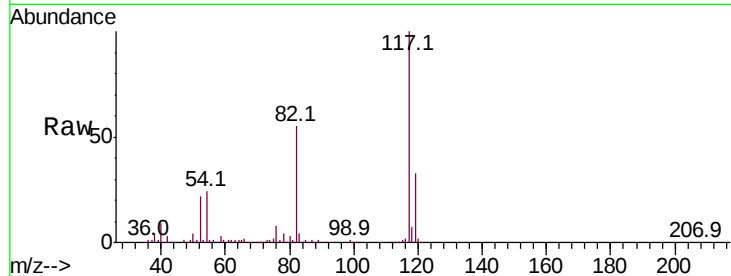




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

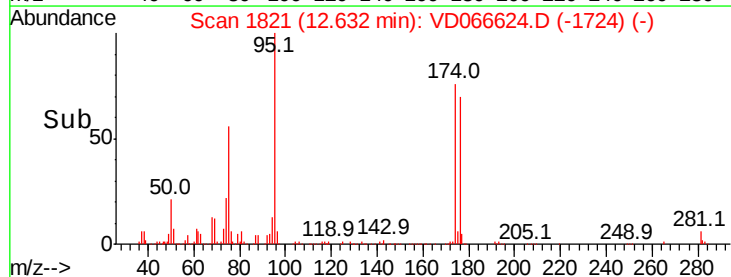
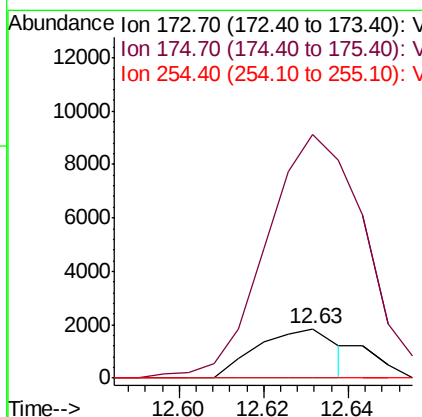
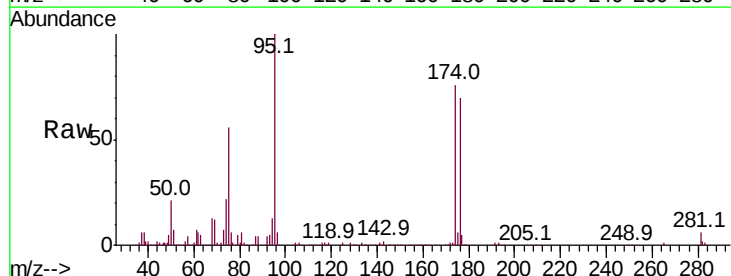
Instrument :
MSVOA_D
ClientSampled :
WC-1

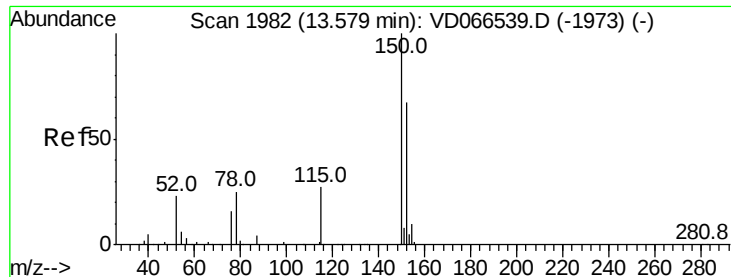
Tot Ion:117 Resp: 571609
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.2
119 32.7 25.8 38.8



#71
Bromoform
Concen: 1.054 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.27 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

Tgt Ion:173 Resp: 2392
Ion Ratio Lower Upper
173 100
175 481.9 24.2 72.6#
254 0.0 0.0 0.0



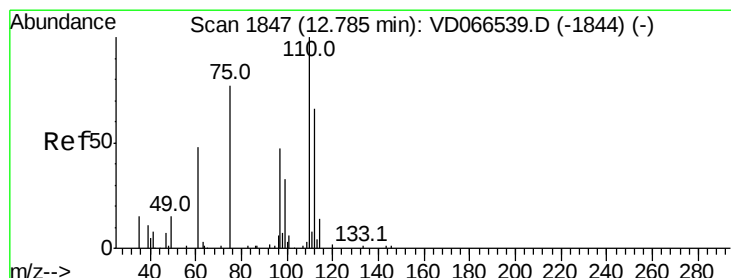
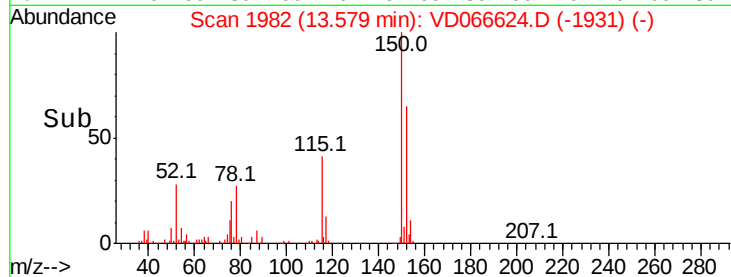
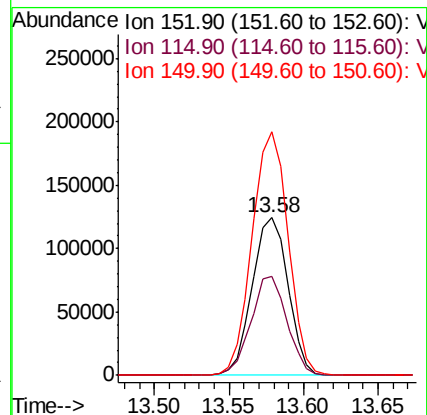
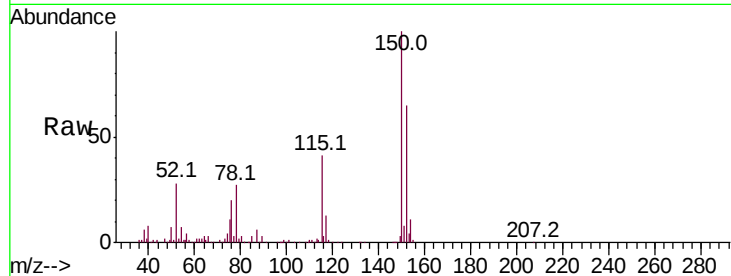


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

Instrument :
MSVOA_D
ClientSampleId :
WC-1

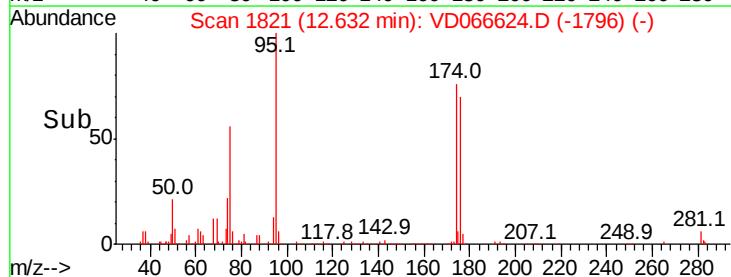
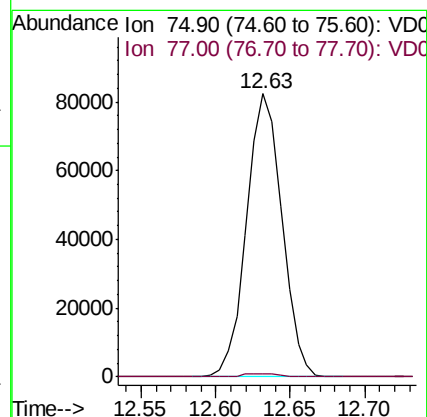
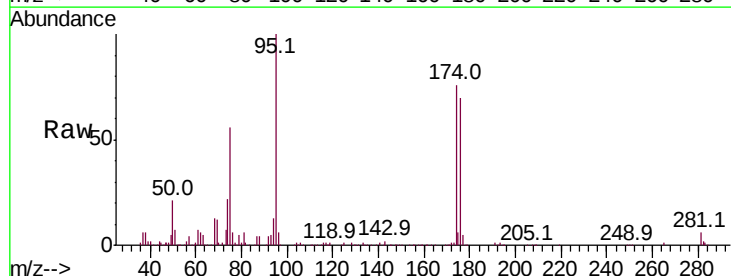
Tot Ion:152 Resp: 206829
Ion Ratio Lower Upper
152 100
115 62.9 30.4 91.2
150 155.0 0.0 345.8

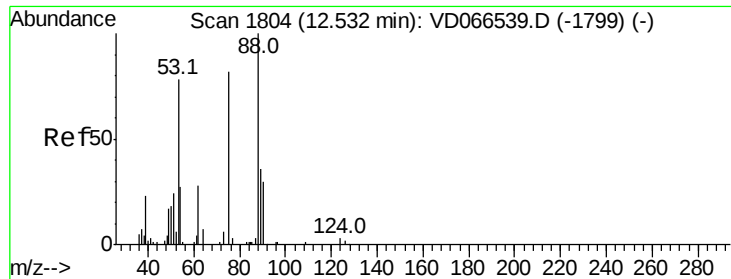


#76

1,2,3-Trichloropropane
Concen: 67.922 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066624.D
Acq: 10 Sep 2020 18:56

Tgt Ion: 75 Resp: 135106
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 158.573 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066624.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_D

ClientSampleId :

WC-1

Tot Ion: 75 Resp: 135106

Ion Ratio Lower Upper

75 100

53 0.3 87.0 130.4#

89 0.1 37.1 55.7#

