

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066383.D
 Acq On : 24 Aug 2020 16:11
 Operator : VA/SY
 Sample : L3772-04
 Misc : 5.7G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 202-986

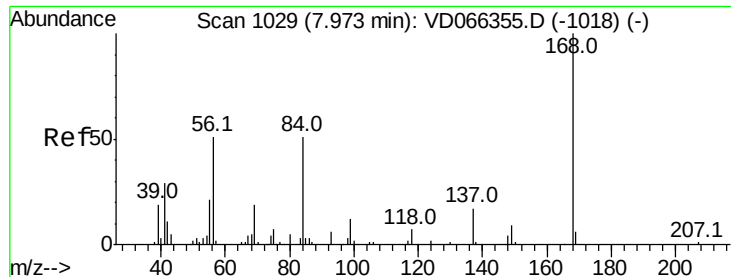
Quant Time: Aug 25 02:42:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	230178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	349823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	334327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	159547	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	124859	55.33	ug/l	0.00
Spiked Amount						
			Recovery	=	110.66%	
35) Dibromofluoromethane	7.91	113	115619	52.85	ug/l	0.00
Spiked Amount						
			Recovery	=	105.70%	
50) Toluene-d8	10.33	98	422167	52.75	ug/l	0.00
Spiked Amount						
			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.63	95	144958	51.04	ug/l	0.00
Spiked Amount						
			Recovery	=	102.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
36) 1,1-Dichloropropene	7.97	75	16009	5.015	ug/l #	51
38) Carbon Tetrachloride	7.97	117	23315	5.607	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	2207	2.094	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	81198	72.342	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	81198	153.558	ug/l #	6

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066383.D

Acq: 24 Aug 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

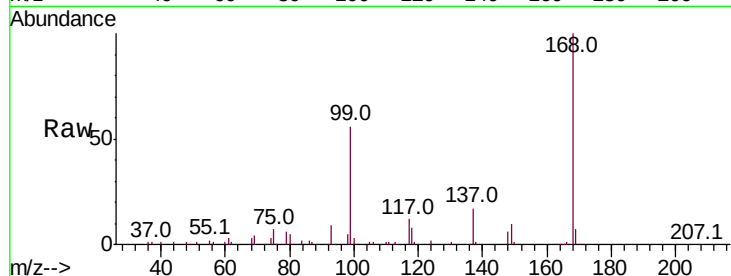
202-986

Tot Ion:168 Resp: 230178

Ion Ratio Lower Upper

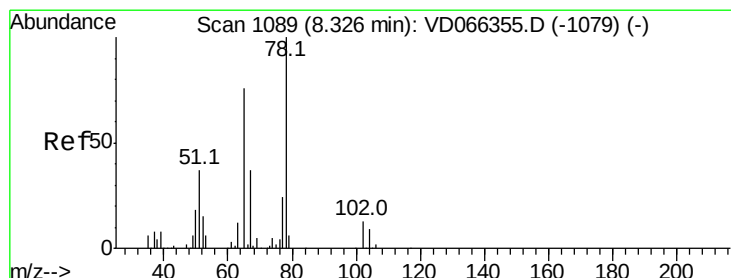
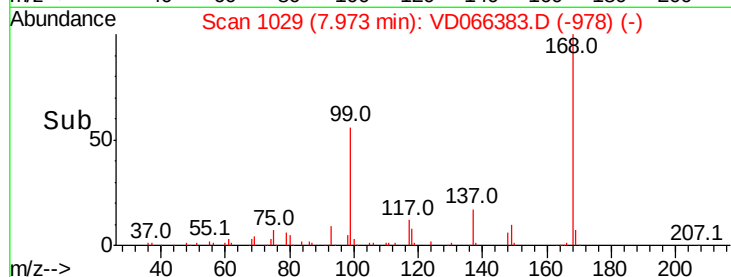
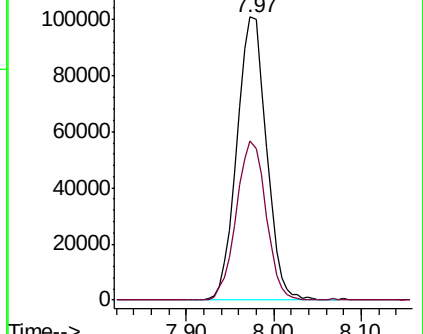
168 100

99 56.3 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 55.329 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066383.D

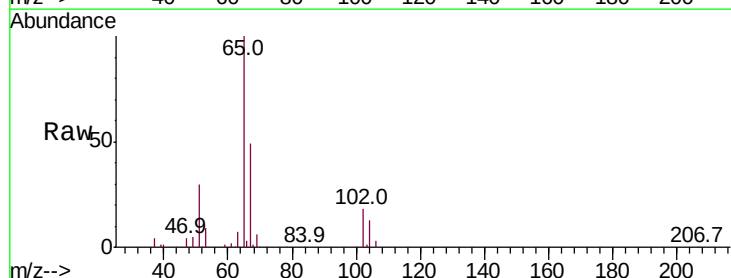
Acq: 24 Aug 2020 16:11

Tgt Ion: 65 Resp: 124859

Ion Ratio Lower Upper

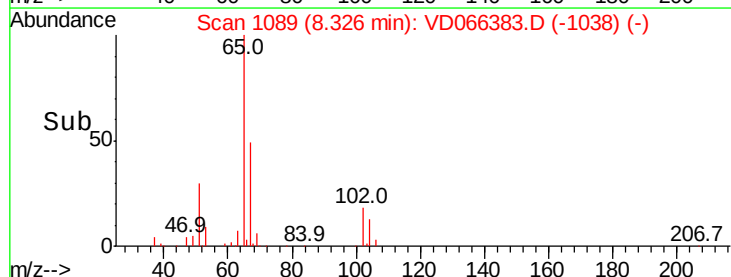
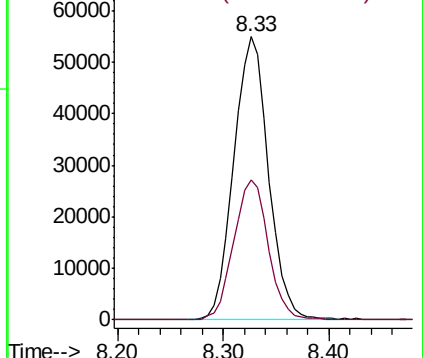
65 100

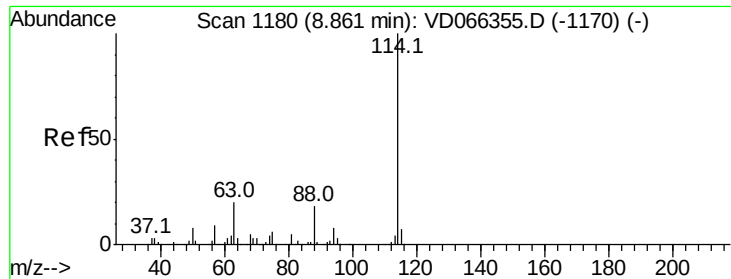
67 49.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

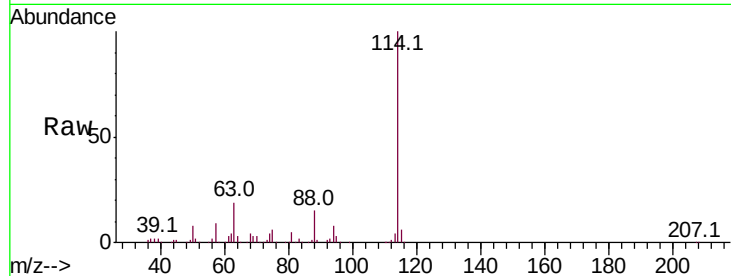




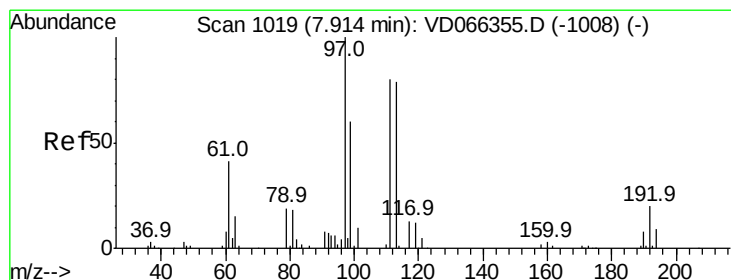
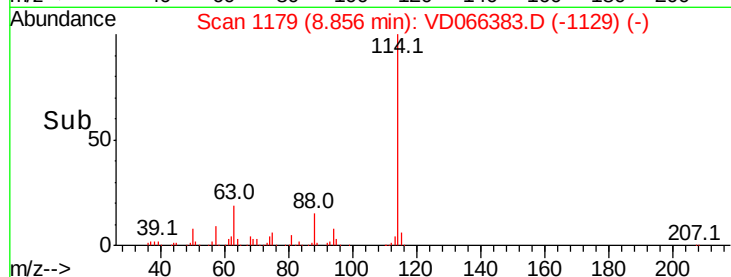
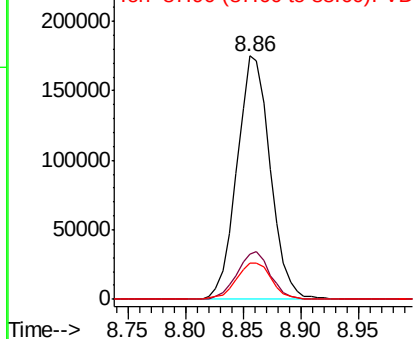
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VD066383.D
Acq: 24 Aug 2020 16:11

Instrument :
MSVOA_D
ClientSampleId :
202-986

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	40.8
88	14.9	0.0	35.4

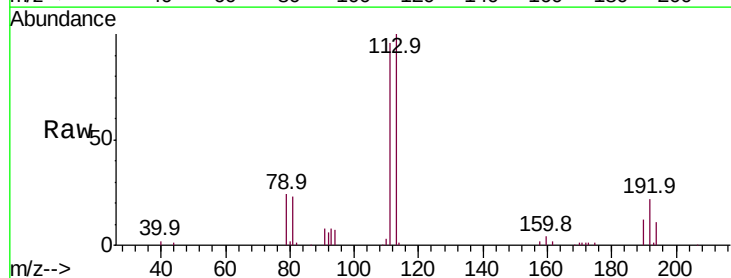


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

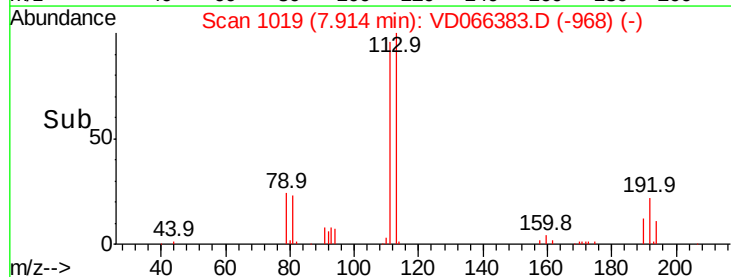
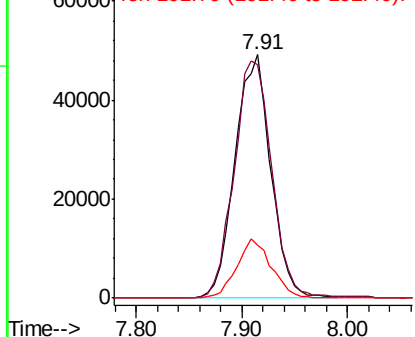


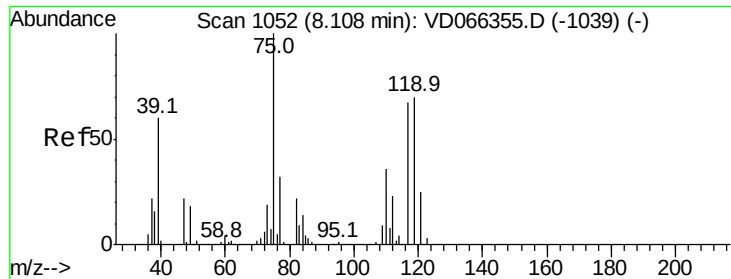
#35
Dibromofluoromethane
Concen: 52.855 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD066383.D
Acq: 24 Aug 2020 16:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.3	120.5
192	23.5	19.0	28.6



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: 5.015 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066383.D

Acq: 24 Aug 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

202-986

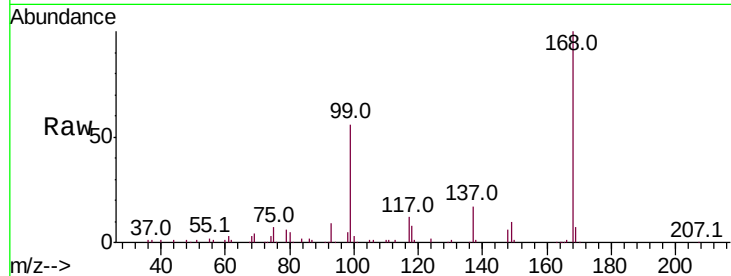
Tot Ion: 75 Resp: 16009

Ion Ratio Lower Upper

75 100

110 12.4 18.7 56.1#

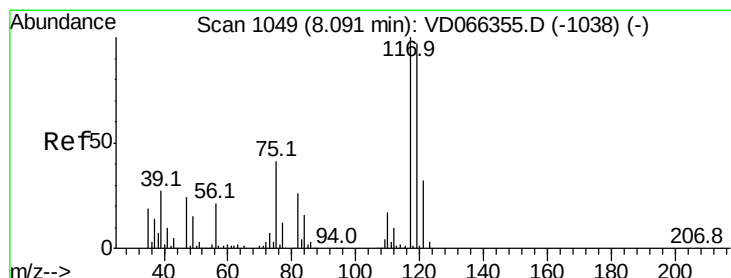
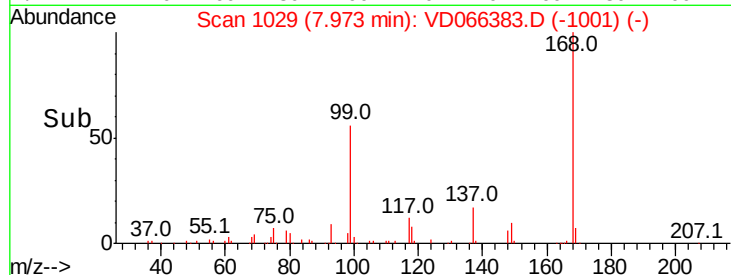
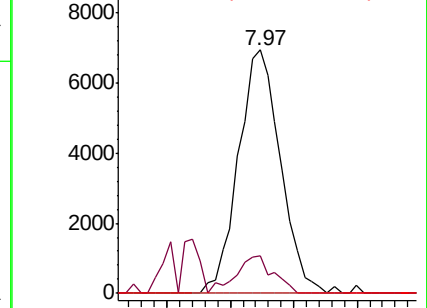
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 5.607 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066383.D

Acq: 24 Aug 2020 16:11

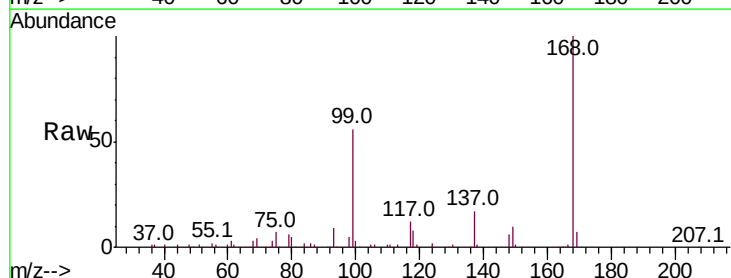
Tgt Ion: 117 Resp: 23315

Ion Ratio Lower Upper

117 100

119 5.5 77.2 115.8#

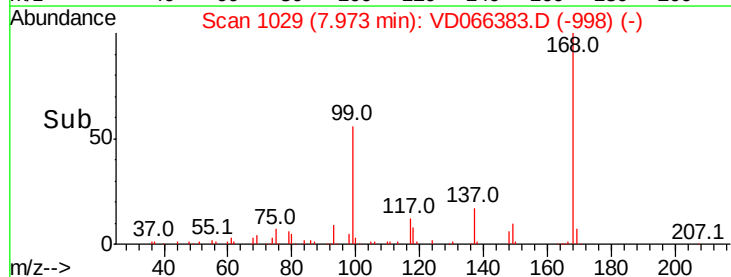
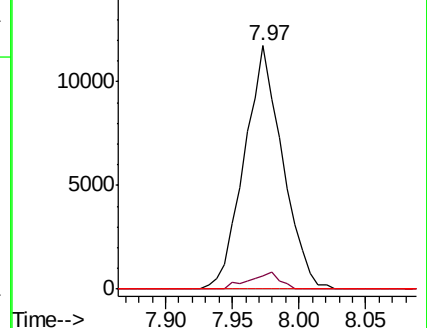
121 0.0 25.8 38.8#

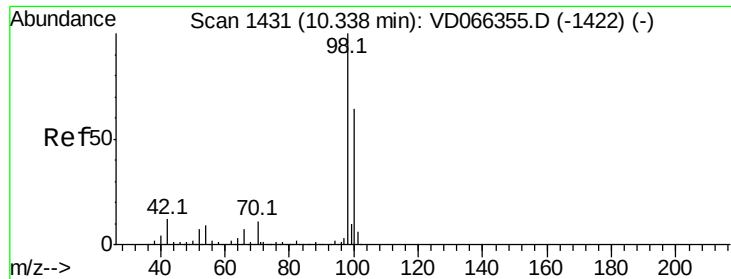


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

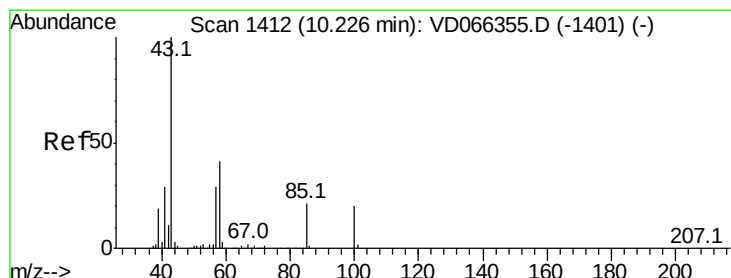
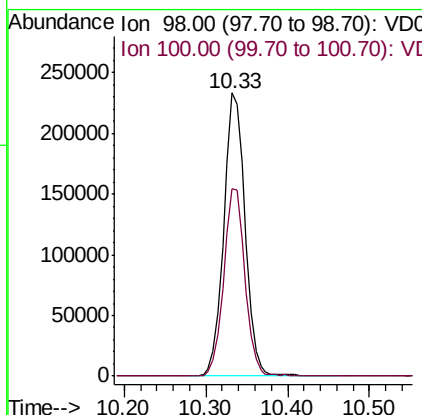
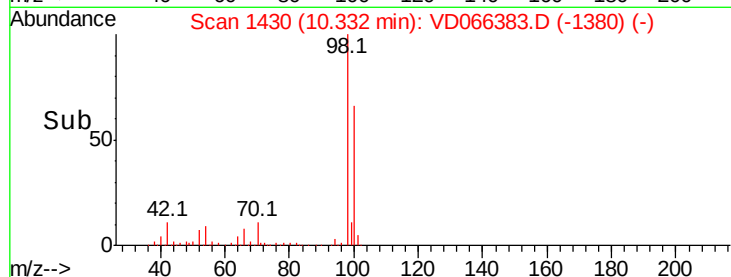
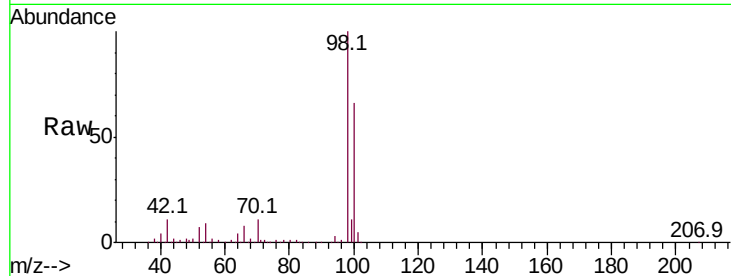




#50
Toluene-d8
Concen: 52.747 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066383.D
Acq: 24 Aug 2020 16:11

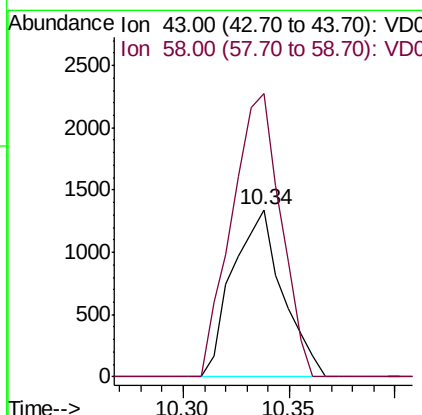
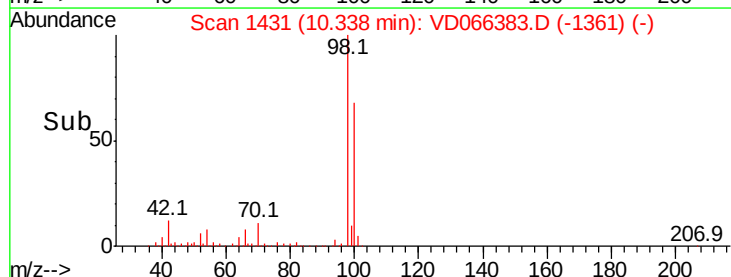
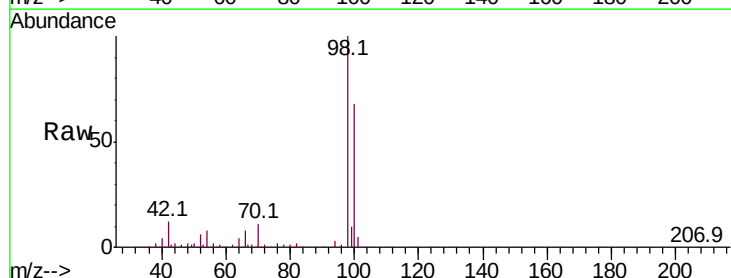
Instrument :
MSVOA_D
ClientSampleId :
202-986

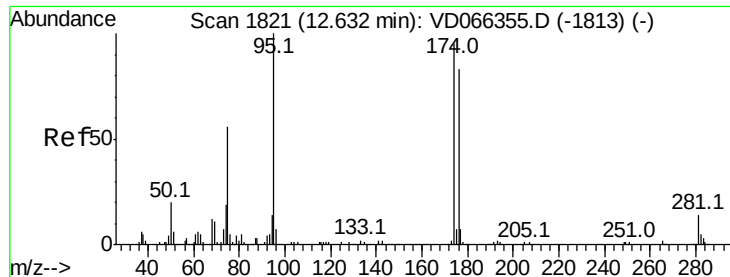
Tot Ion: 98 Resp: 422167
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 2.094 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD066383.D
Acq: 24 Aug 2020 16:11

Tgt Ion: 43 Resp: 2207
Ion Ratio Lower Upper
43 100
58 166.0 31.4 47.2#





#62

4-Bromofluorobenzene

Concen: 51.041 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066383.D

Acq: 24 Aug 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

202-986

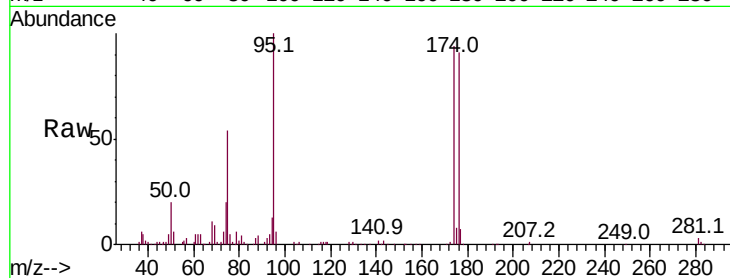
Tot Ion: 95 Resp: 144958

Ion Ratio Lower Upper

95 100

174 96.0 0.0 183.4

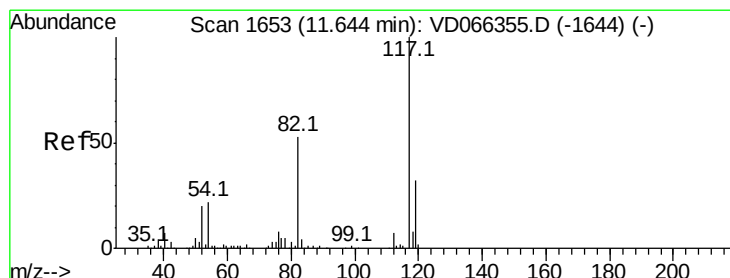
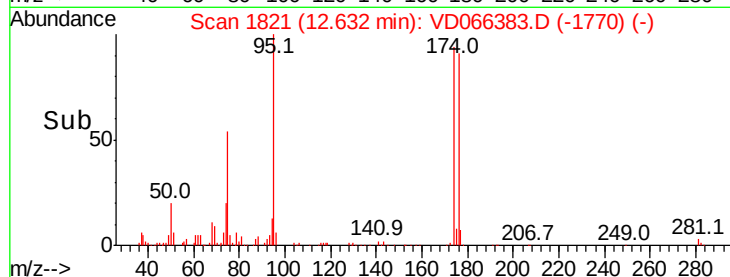
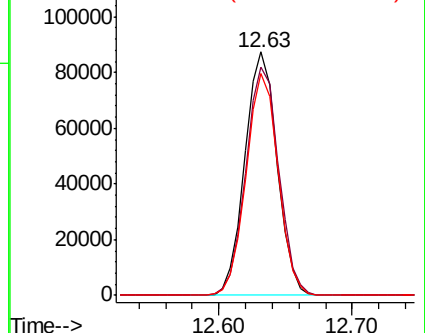
176 90.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VD

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066383.D

Acq: 24 Aug 2020 16:11

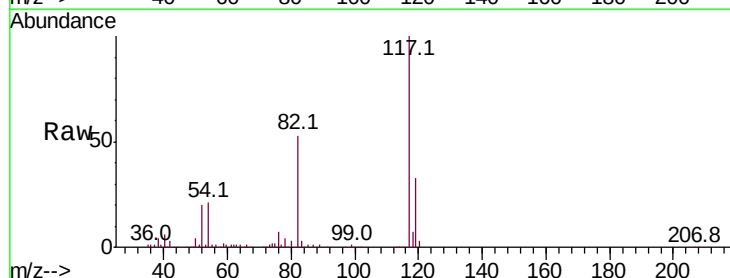
Tgt Ion: 117 Resp: 334327

Ion Ratio Lower Upper

117 100

82 53.0 42.8 64.2

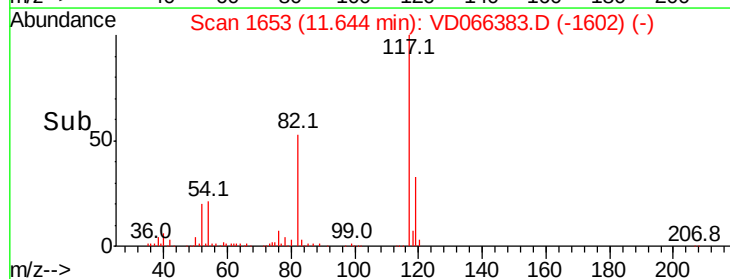
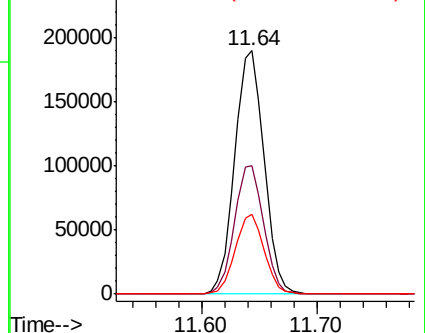
119 32.7 25.8 38.8

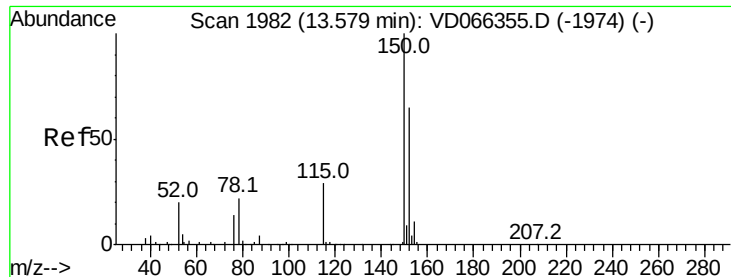


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

Ion 118.90 (118.60 to 119.60): V



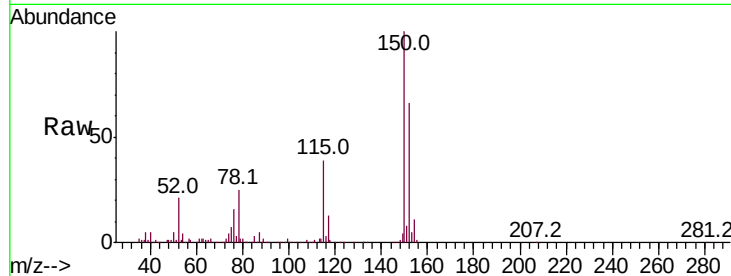


#72

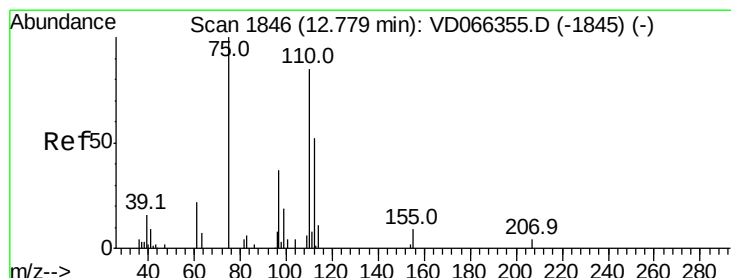
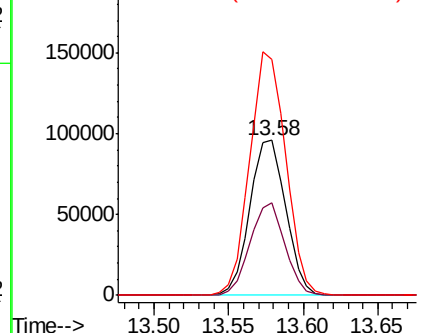
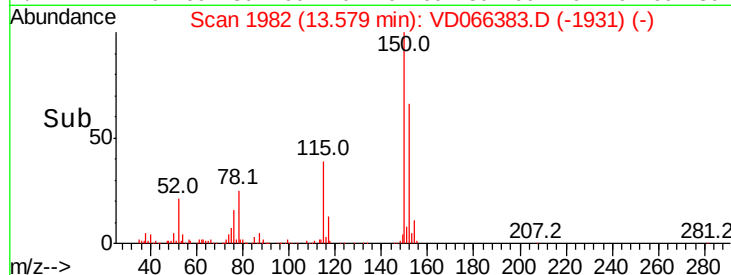
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066383.D
Acq: 24 Aug 2020 16:11

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MSVOA_D
ClientSampleId :
202-986

Tot Ion:152 Resp: 159547
Ion Ratio Lower Upper
152 100
115 57.7 28.3 85.0
150 157.2 0.0 343.2



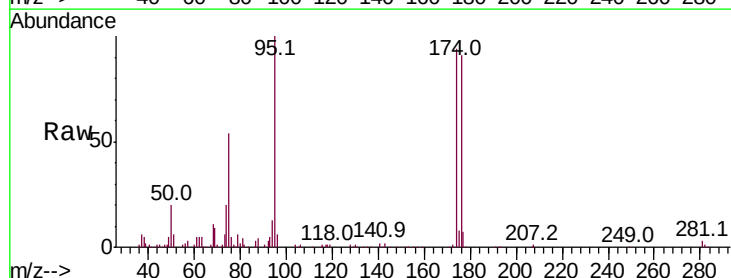
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



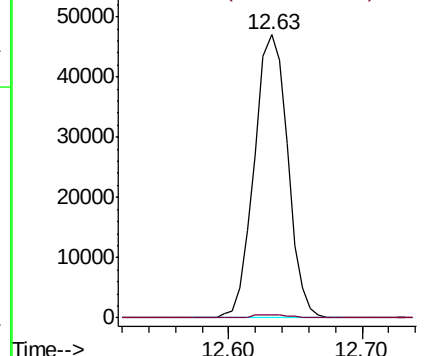
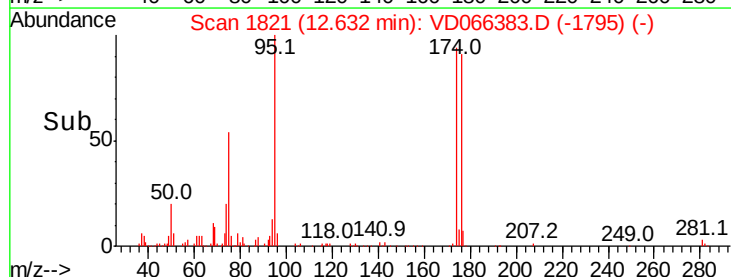
#76

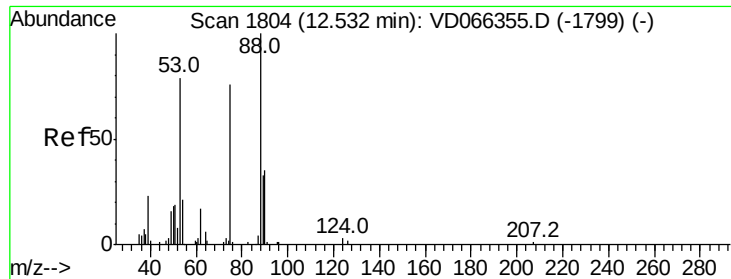
1,2,3-Trichloropropane
Concen: 72.342 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066383.D
Acq: 24 Aug 2020 16:11

Tgt Ion: 75 Resp: 81198
Ion Ratio Lower Upper
75 100
77 1.4 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 153.558 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066383.D

Acq: 24 Aug 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

202-986

Tot Ion: 75 Resp: 81198

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.1 39.4 59.0#

