

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010620\
 Data File : VD064785.D
 Acq On : 06 Jan 2020 21:01
 Operator : VA/SY
 Sample : L1017-01
 Misc : 6.37G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 07 00:38:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	494569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	776578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	700423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	323066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	238745	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
35) Dibromofluoromethane	7.92	113	241252	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
50) Toluene-d8	10.34	98	936878	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.64	95	287773	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	31921	35.110	ug/l #	84
20) Methylene Chloride	4.96	84	10725	Below Cal		90
25) 2-Butanone	7.22	43	1790	1.493	ug/l	100
31) Cyclohexane	7.98	56	9824	1.208	ug/l #	29
36) 1,1-Dichloropropene	7.98	75	36783	4.921	ug/l #	51
38) Carbon Tetrachloride	7.98	117	46803	5.872	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	154441	60.538	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	154441	126.614	ug/l #	10

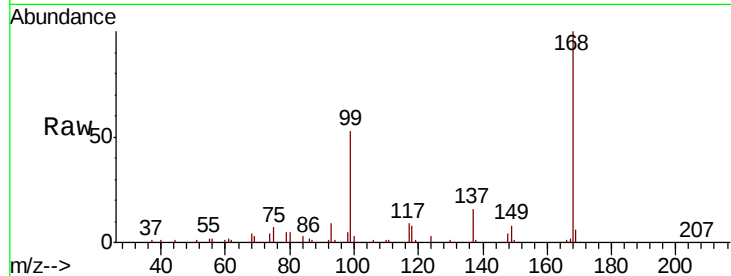
(#) = qualifier out of range (m) = manual integration (+) = signals summed



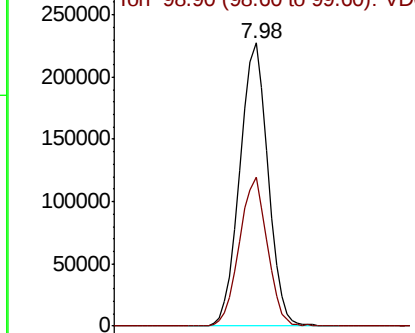
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064785.D
Acq: 06 Jan 2020 21:01

Instrument :
MSVOA_D
ClientSampleId :

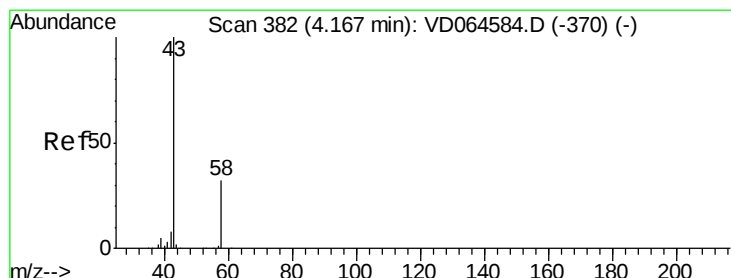
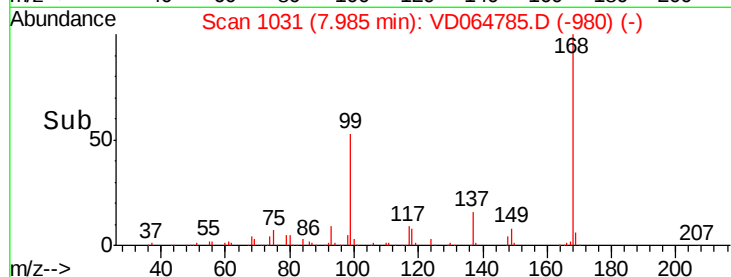
Tot Ion:168 Resp: 494569
Ion Ratio Lower Upper
168 100
99 52.6 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

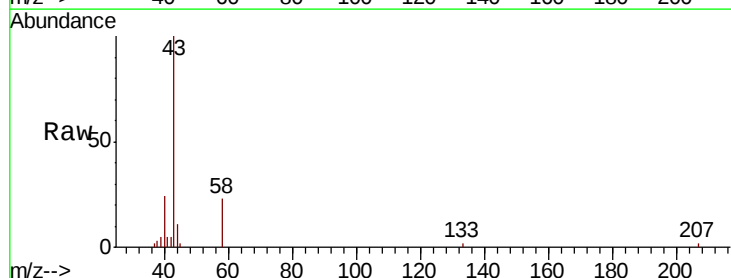


Time-->

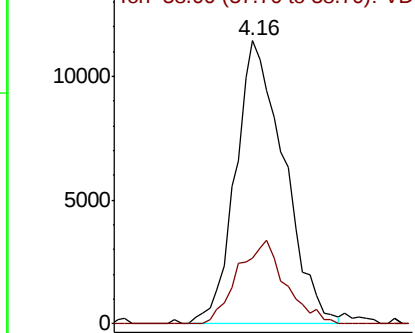


#16
Acetone
Concen: 35.110 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD064785.D
Acq: 06 Jan 2020 21:01

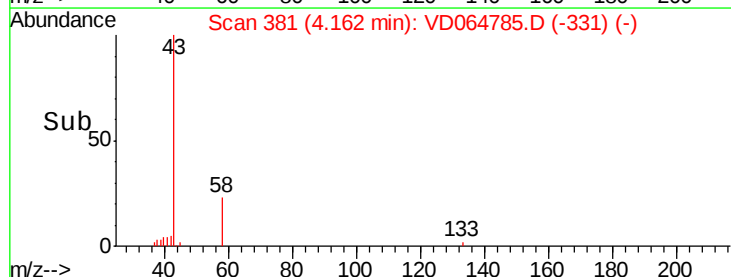
Tgt Ion: 43 Resp: 31921
Ion Ratio Lower Upper
43 100
58 23.1 25.8 38.6#

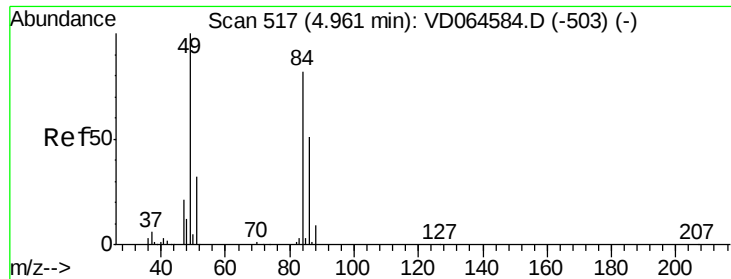


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



Time-->

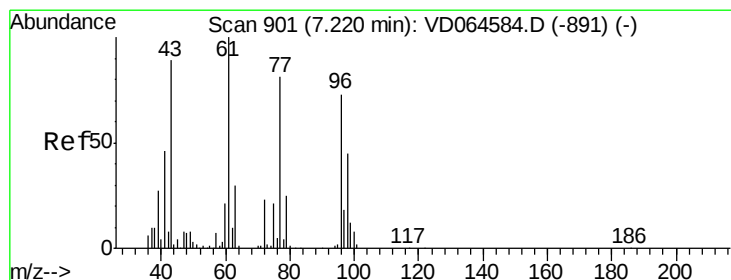
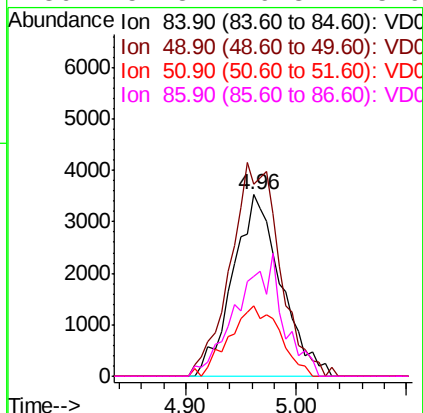
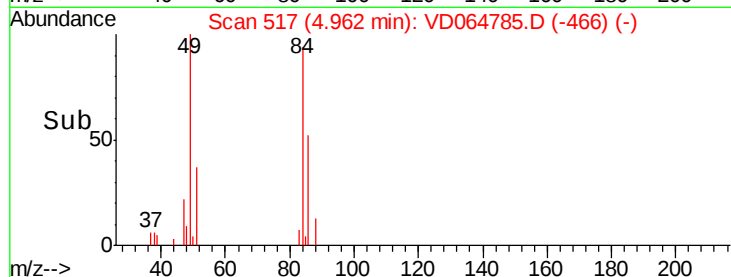
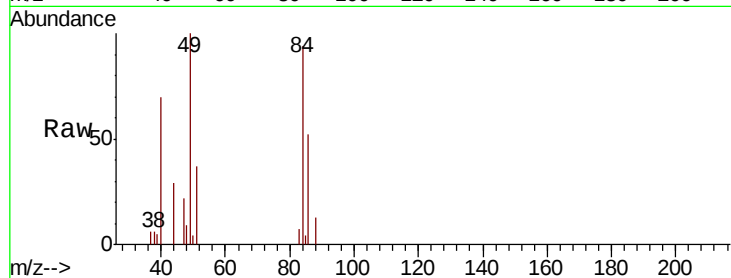




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064785.D
Acq: 06 Jan 2020 21:01

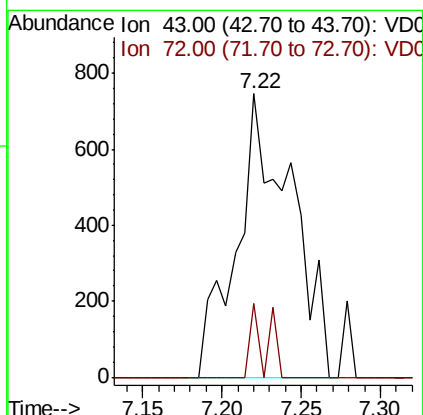
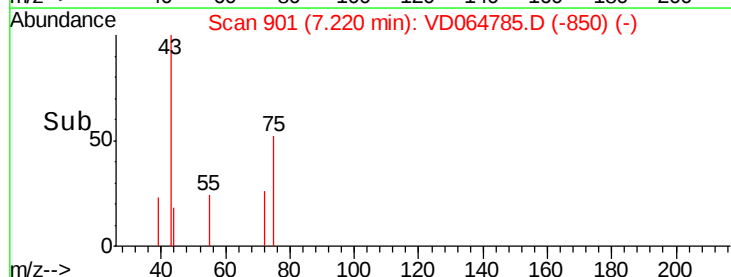
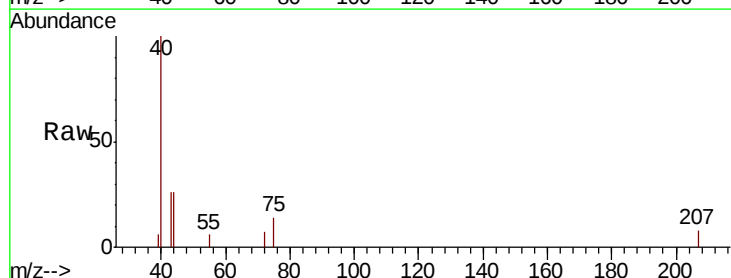
Instrument :
MSVOA_D
ClientSampled :

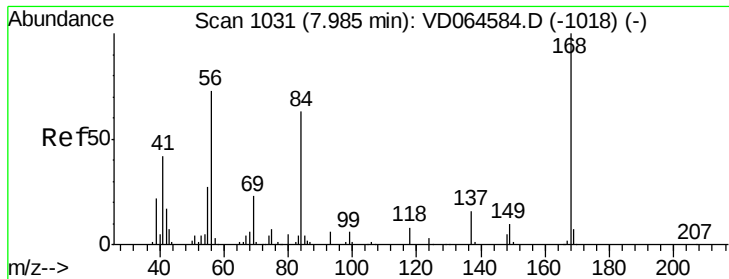
Tot Ion: 84 Resp: 10725
Ion Ratio Lower Upper
84 100
49 106.1 97.2 145.8
51 38.7 31.4 47.0
86 54.8 49.3 73.9



#25
2-Butanone
Concen: 1.493 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD064785.D
Acq: 06 Jan 2020 21:01

Tgt Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
72 26.0 20.7 31.1

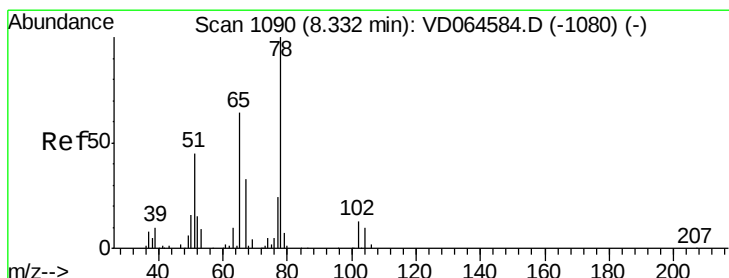
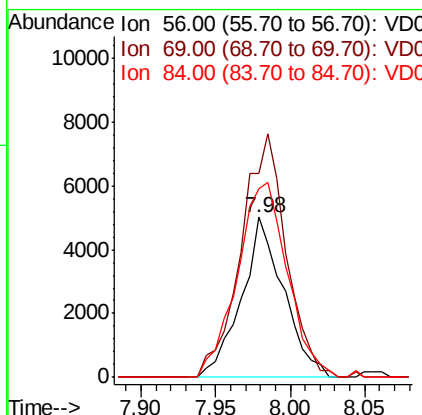
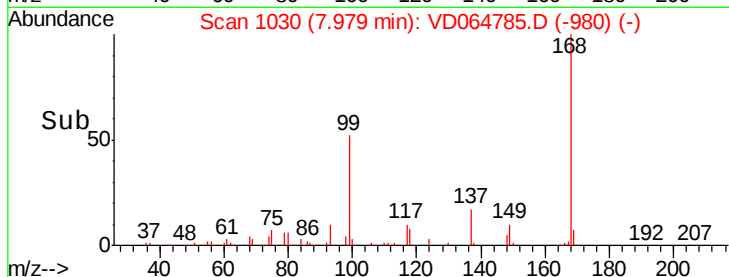
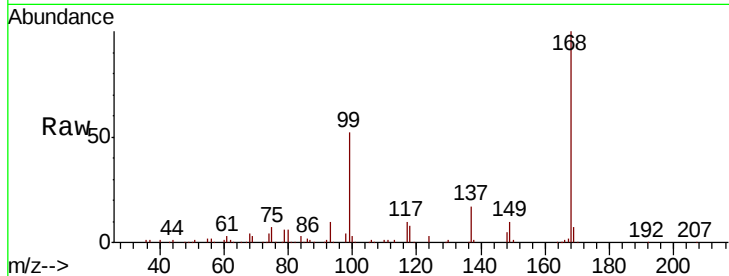




#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064785.D
Acq: 06 Jan 2020 21:01

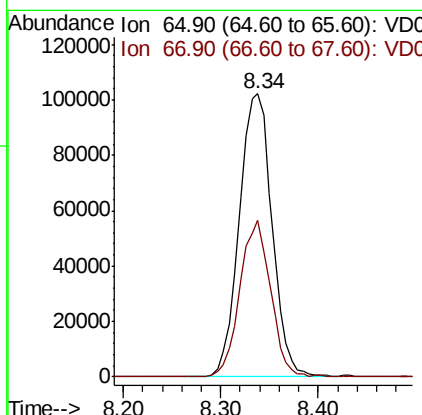
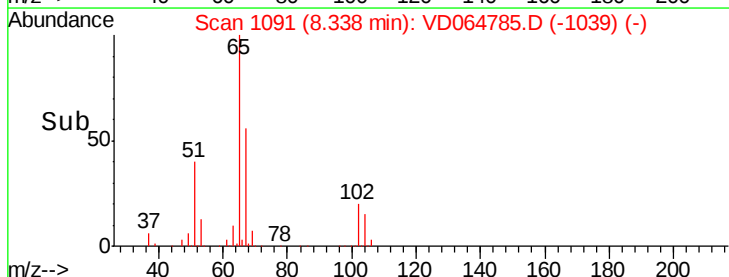
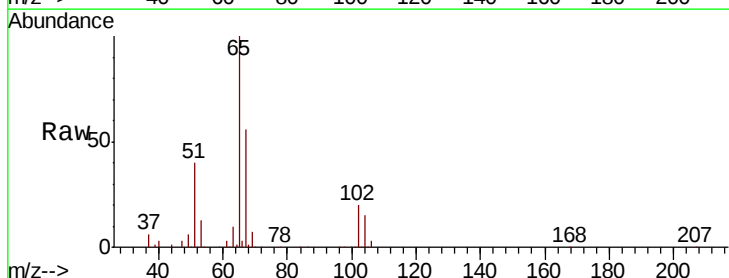
Instrument :
MSVOA_D
ClientSampleID :

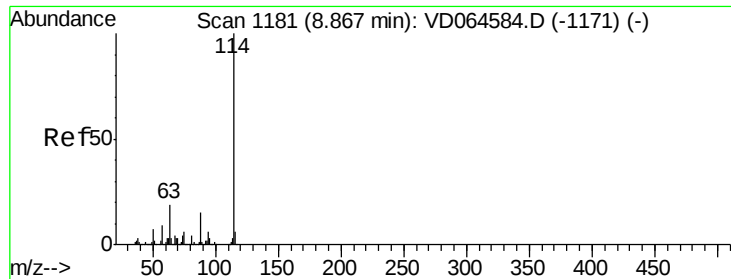
Tot Ion: 56 Resp: 9824
Ion Ratio Lower Upper
56 100
69 127.6 24.7 37.1#
84 117.7 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 54.745 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064785.D
Acq: 06 Jan 2020 21:01

Tgt Ion: 65 Resp: 238745
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064785.D

Acq: 06 Jan 2020 21:01

Instrument :

MSVOA_D

ClientSampled :

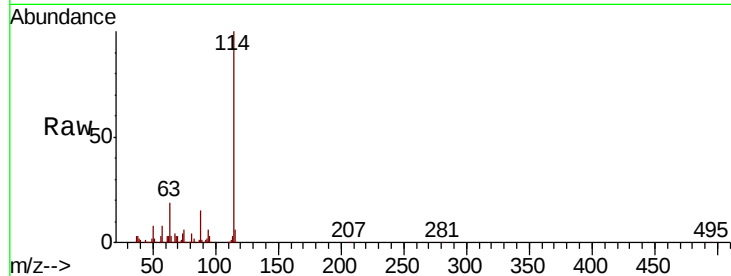
Tot Ion:114 Resp: 776578

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

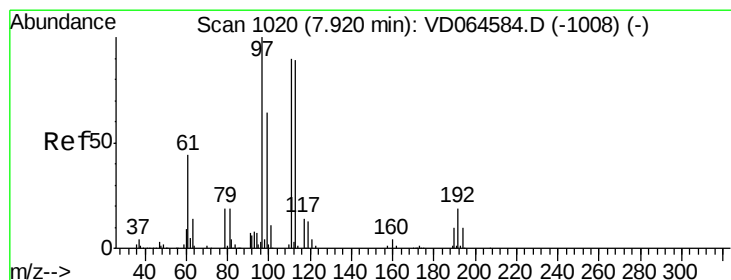
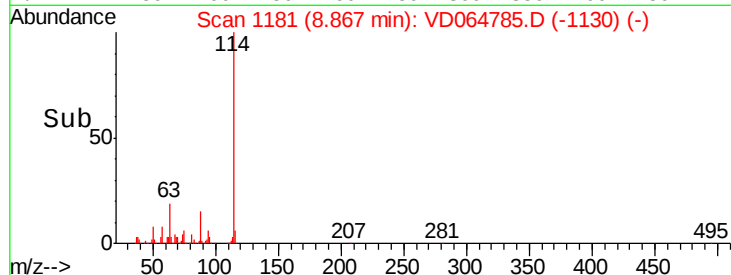
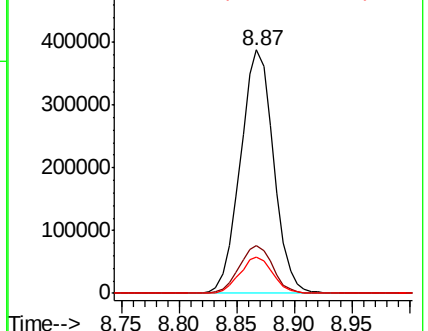
88 15.1 0.0 29.2



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: 50.636 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064785.D

Acq: 06 Jan 2020 21:01

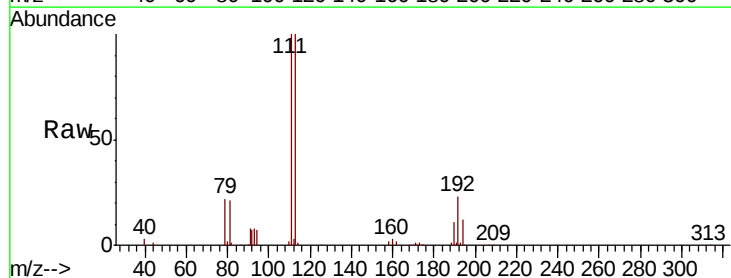
Tgt Ion:113 Resp: 241252

Ion Ratio Lower Upper

113 100

111 103.5 80.6 121.0

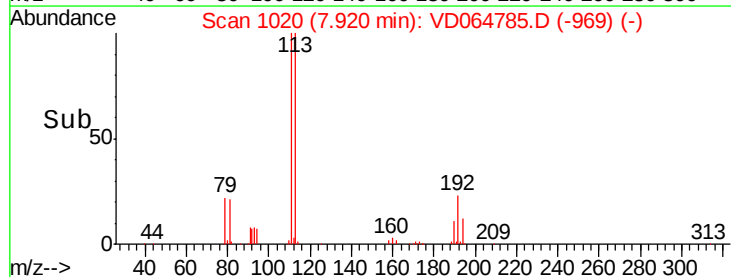
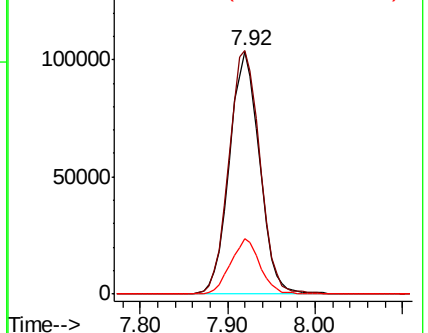
192 22.2 17.9 26.9

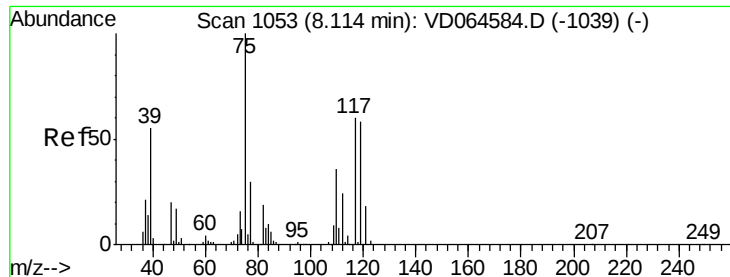


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.921 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD064785.D

Acq: 06 Jan 2020 21:01

Instrument :

MSVOA_D

ClientSampleId :

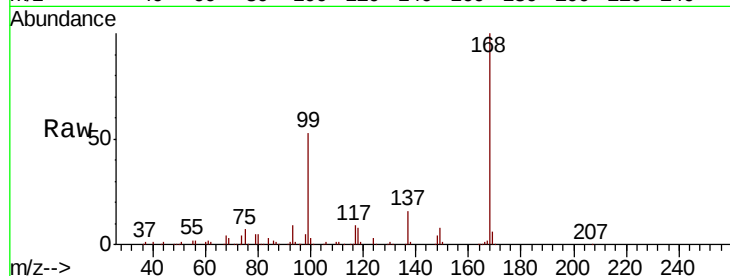
Tot Ion: 75 Resp: 36783

Ion Ratio Lower Upper

75 100

110 11.0 18.1 54.1#

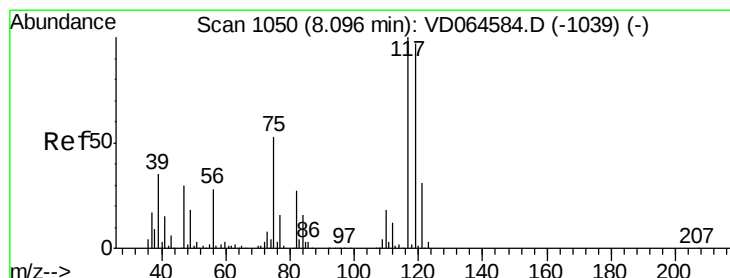
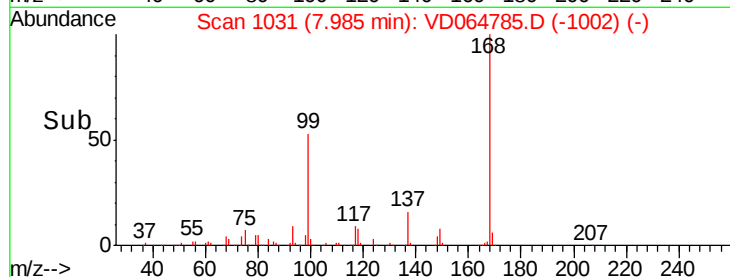
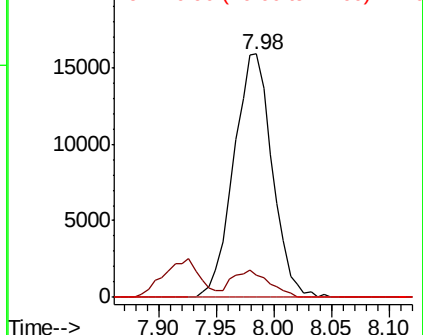
77 0.0 24.2 36.4#



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: 5.872 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064785.D

Acq: 06 Jan 2020 21:01

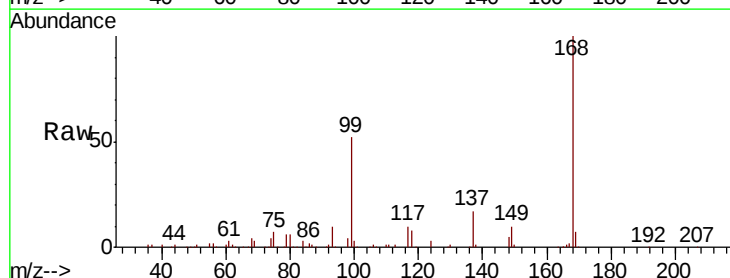
Tgt Ion: 117 Resp: 46803

Ion Ratio Lower Upper

117 100

119 4.5 77.3 115.9#

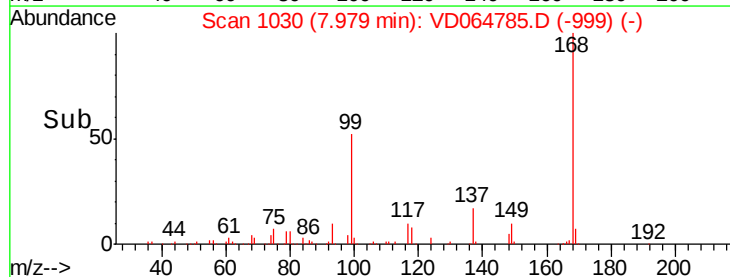
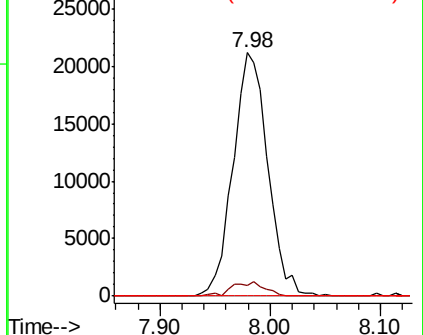
121 0.0 25.0 37.6#

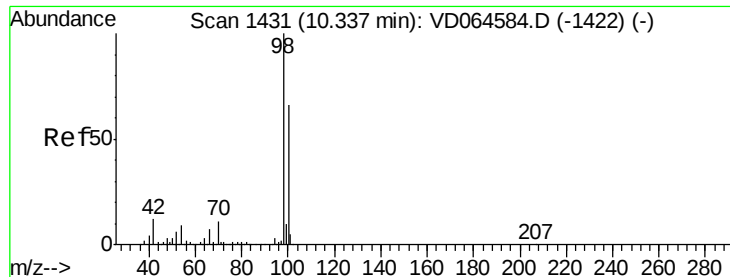


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.343 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064785.D

Acq: 06 Jan 2020 21:01

Instrument :

MSVOA_D

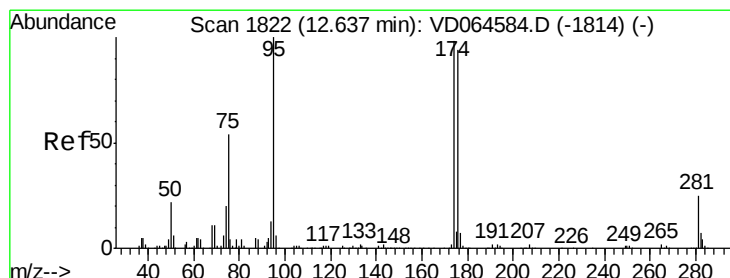
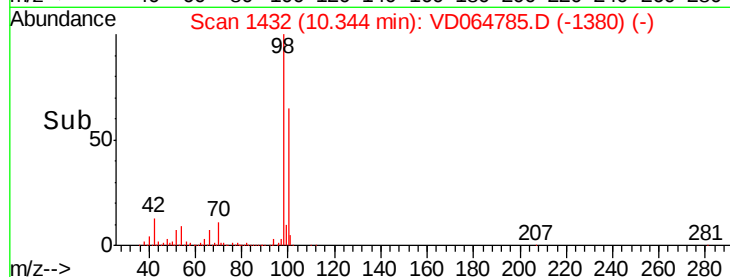
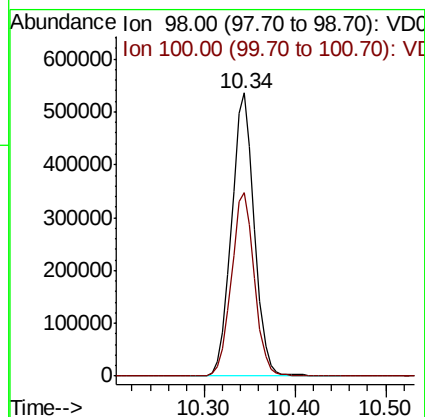
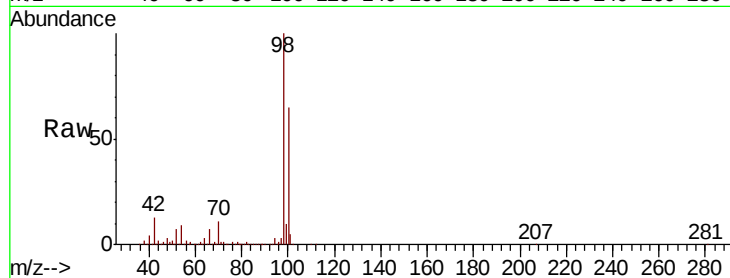
ClientSampleId :

Tot Ion: 98 Resp: 936878

Ion Ratio Lower Upper

98 100

100 65.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 49.874 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064785.D

Acq: 06 Jan 2020 21:01

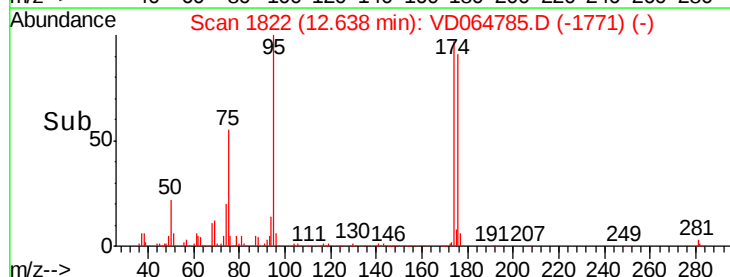
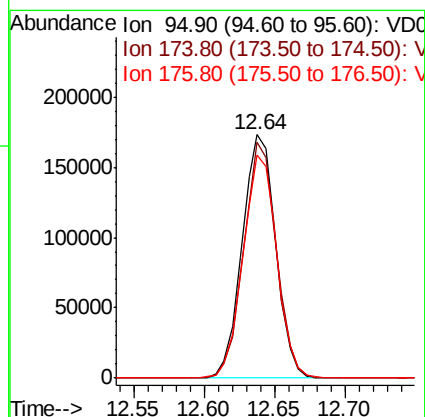
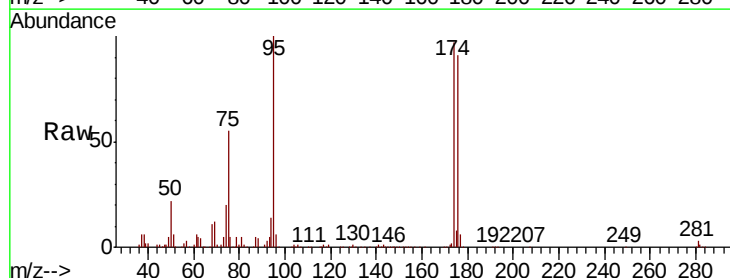
Tgt Ion: 95 Resp: 287773

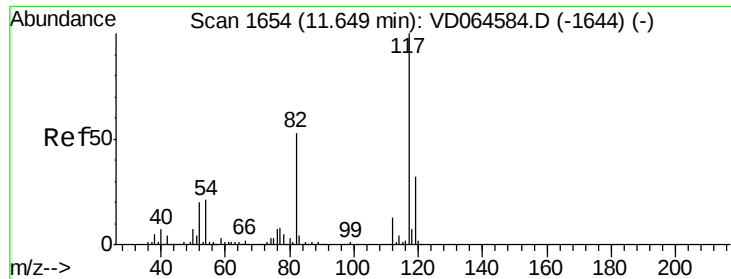
Ion Ratio Lower Upper

95 100

174 94.3 0.0 193.2

176 92.0 0.0 184.2

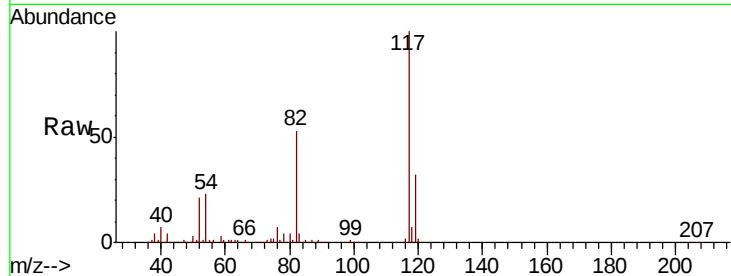




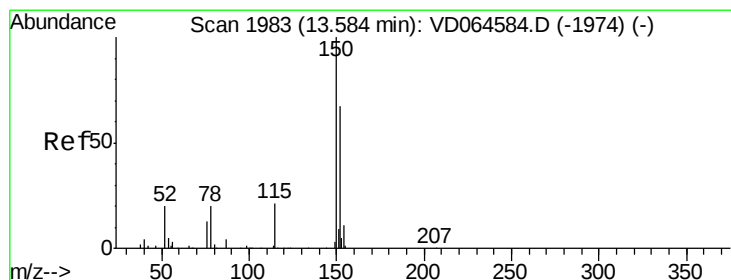
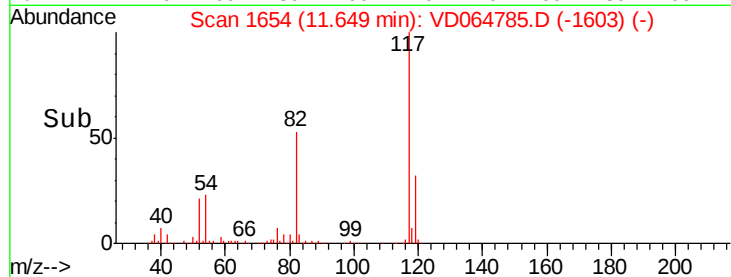
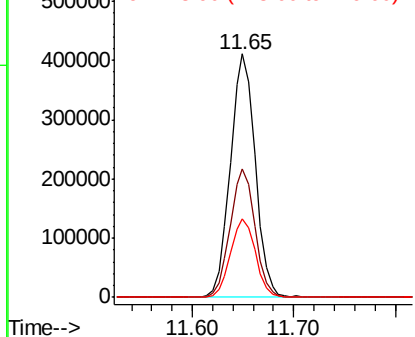
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.65 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: VD064785.D
 Acq: 06 Jan 2020 21:01

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.2	63.4
119	32.4	26.0	39.0

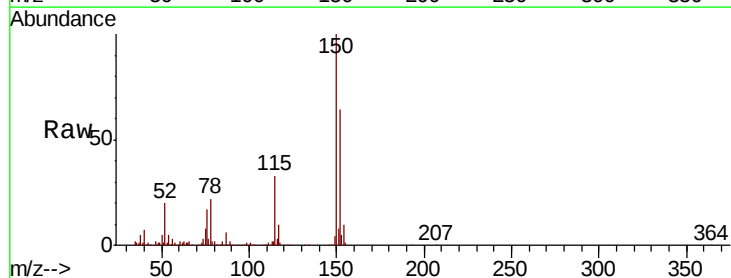


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V

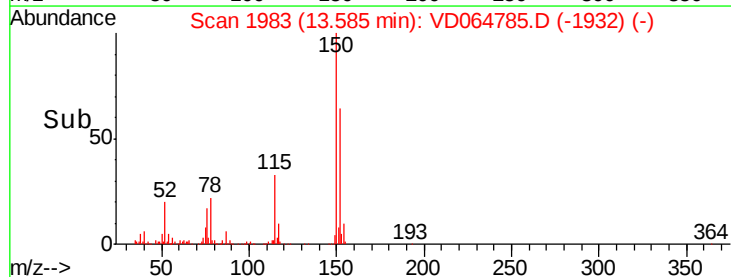
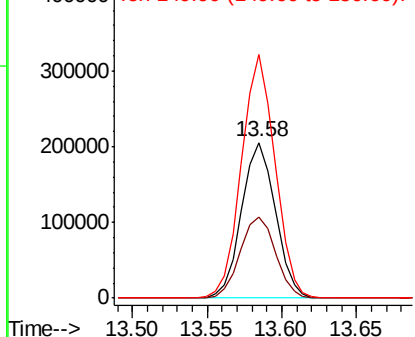


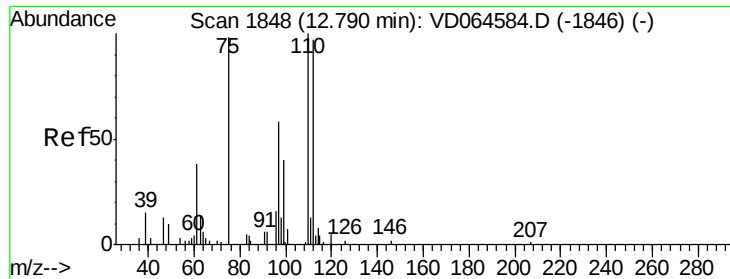
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VD064785.D
 Acq: 06 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.8	83.4
150	155.0	0.0	351.4



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: 60.538 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064785.D

Acq: 06 Jan 2020 21:01

Instrument :

MSVOA_D

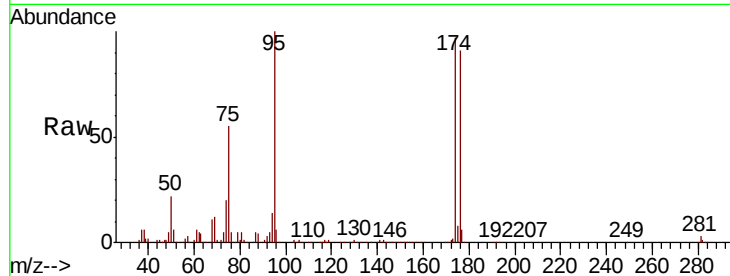
ClientSampled :

Tot Ion: 75 Resp: 154441

Ion Ratio Lower Upper

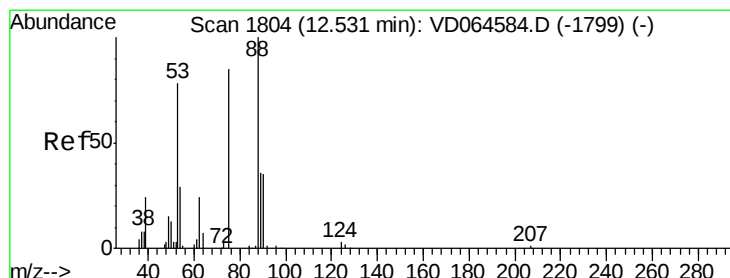
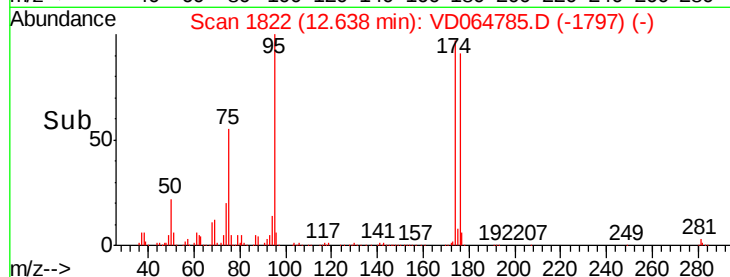
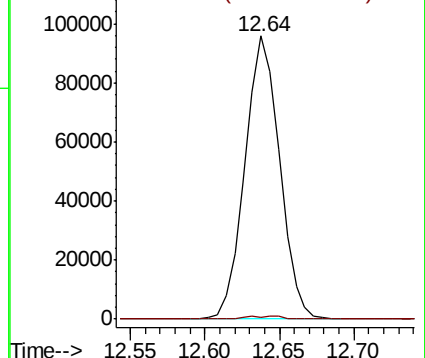
75 100

77 0.5 0.0 0.0#



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: 126.614 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064785.D

Acq: 06 Jan 2020 21:01

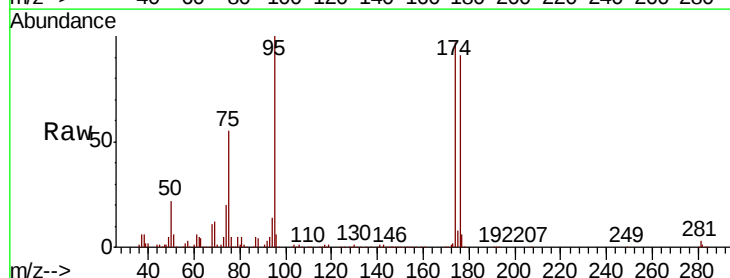
Tgt Ion: 75 Resp: 154441

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.0 38.3 57.5#



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

