

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
 Data File : VD064925.D
 Acq On : 22 Jan 2020 19:01
 Operator : VA/SY
 Sample : L1205-16
 Misc : 10.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 22 23:19:08 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

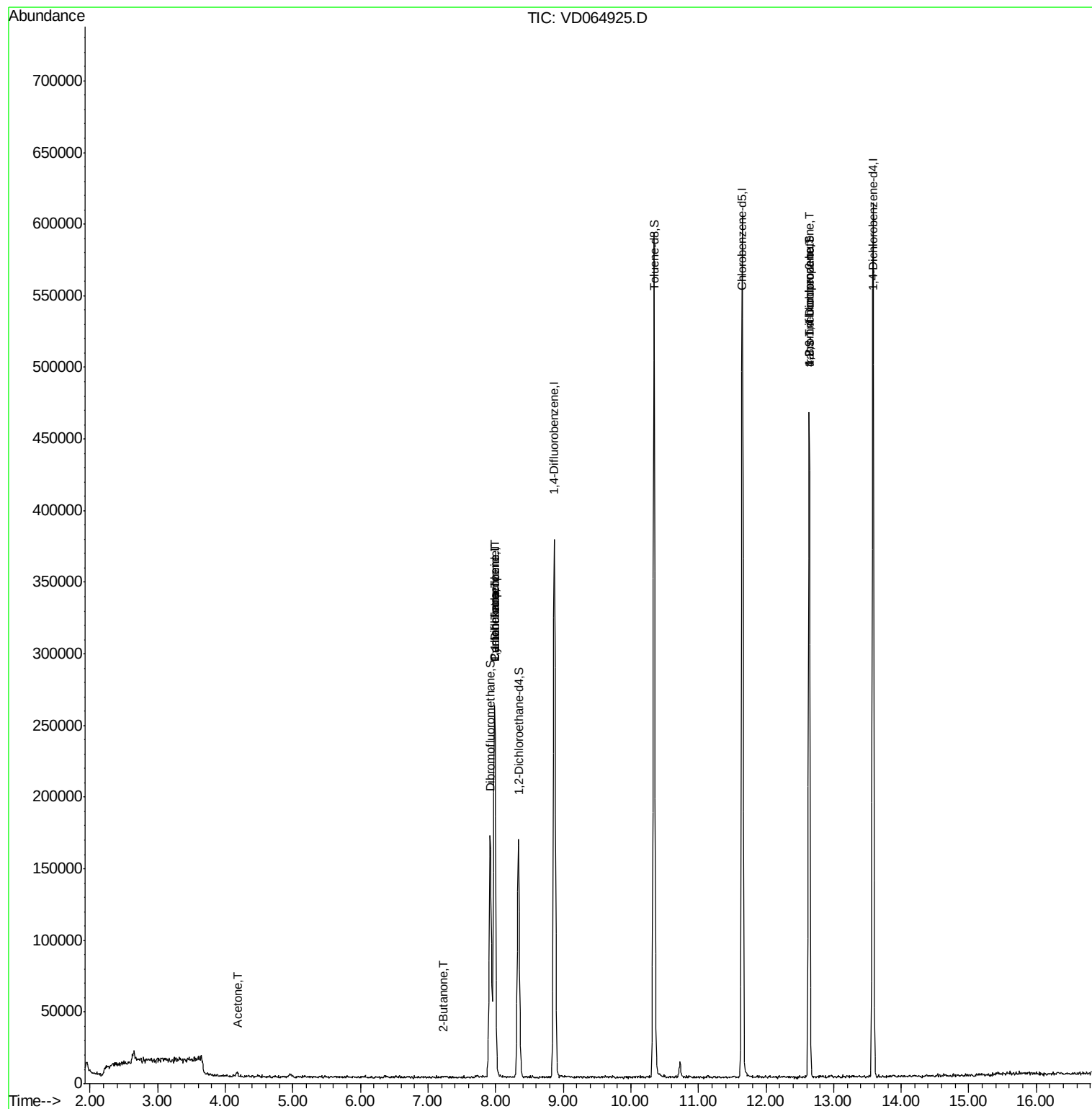
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	201624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	324989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	331760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	161959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	136564	76.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	153.62%	
35) Dibromofluoromethane	7.92	113	115846	58.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.20%	
50) Toluene-d8	10.34	98	388509	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.64	95	139262	57.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.34%	
Target Compounds						
16) Acetone	4.18	43	5640	17.489	ug/l	98
20) Methylene Chloride	4.97	84	1330	Below Cal	#	81
25) 2-Butanone	7.24	43	499	1.021	ug/l #	49
31) Cyclohexane	7.99	56	4317	1.302	ug/l #	16
36) 1,1-Dichloropropene	7.99	75	15494	4.953	ug/l #	48
38) Carbon Tetrachloride	7.99	117	18820	5.643	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	75174	58.779	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	75174	122.934	ug/l #	10

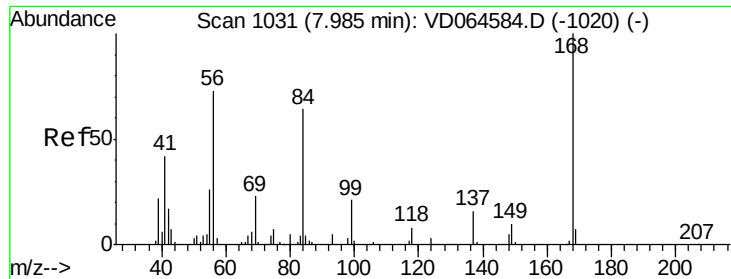
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012220\
Data File : VD064925.D
Acq On : 22 Jan 2020 19:01
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Sample : L1205-16
Misc : 10.97G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 22 23:19:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064925.D

Acq: 22 Jan 2020 19:01

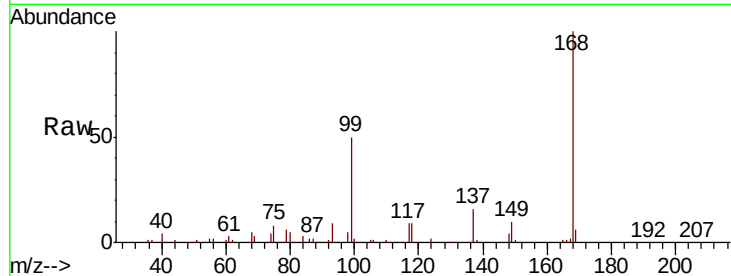
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 201624

Ion Ratio Lower Upper

168 100

99 49.8 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

100000

80000

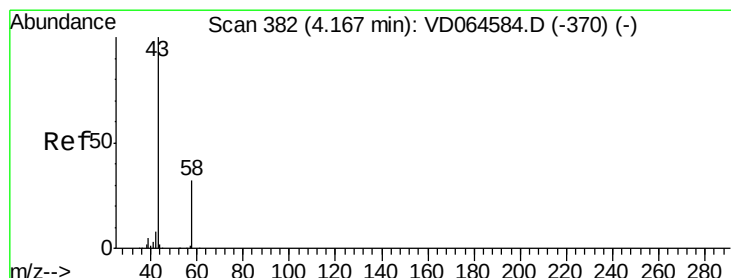
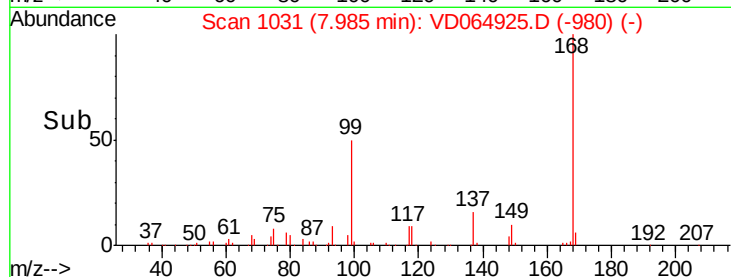
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 17.489 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064925.D

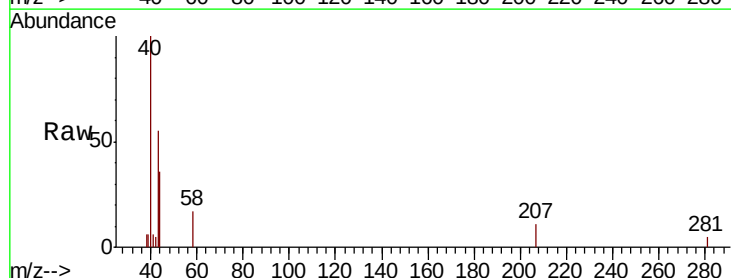
Acq: 22 Jan 2020 19:01

Tgt Ion: 43 Resp: 5640

Ion Ratio Lower Upper

43 100

58 31.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

2000

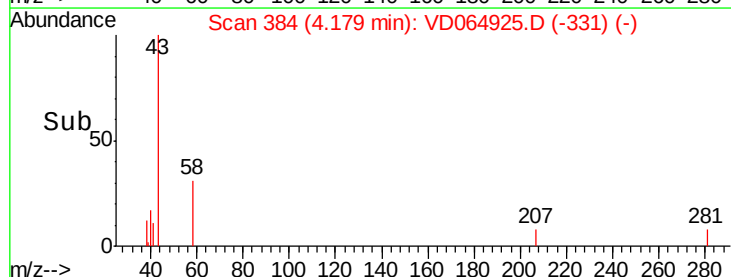
1500

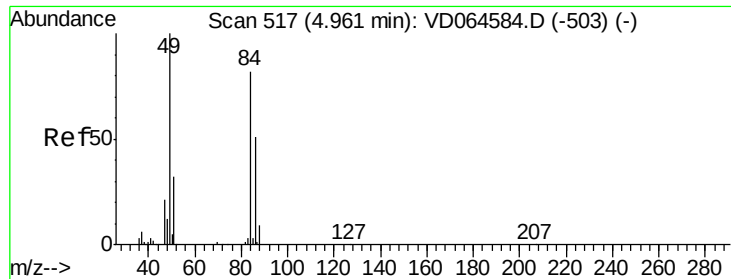
1000

500

0

Time-->

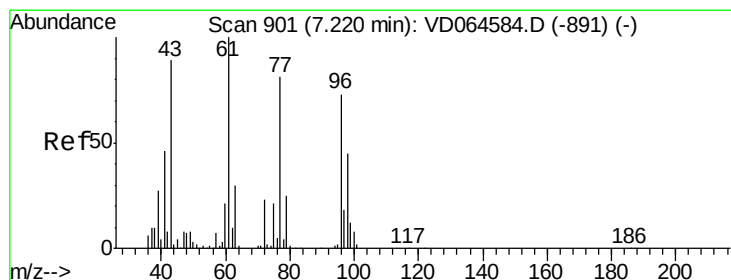
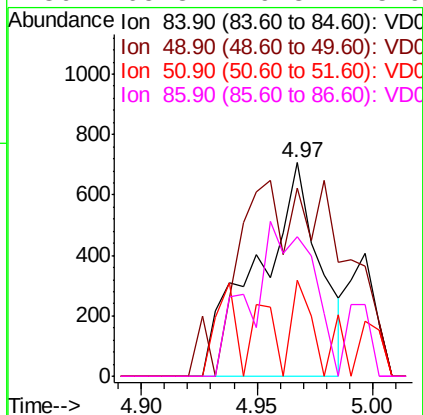
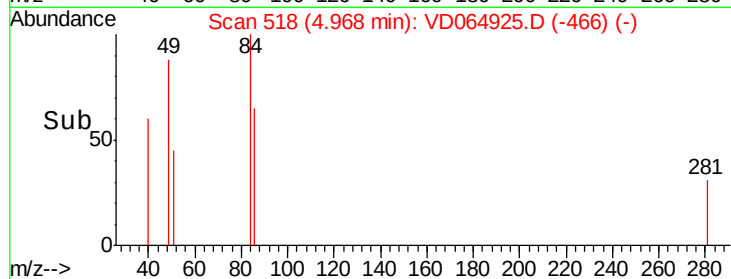
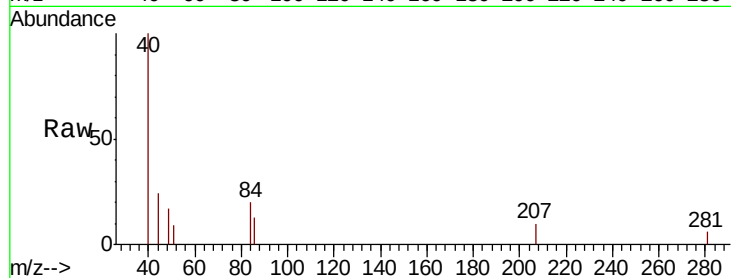




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064925.D
Acq: 22 Jan 2020 19:01

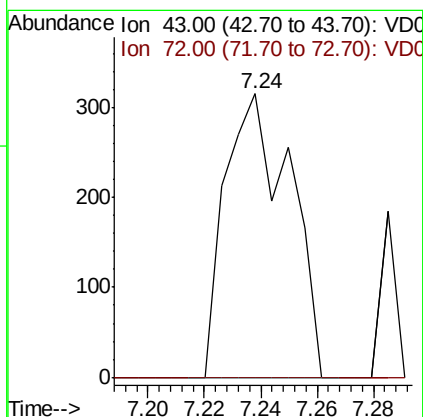
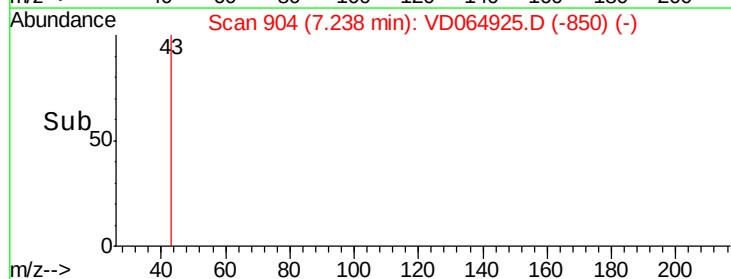
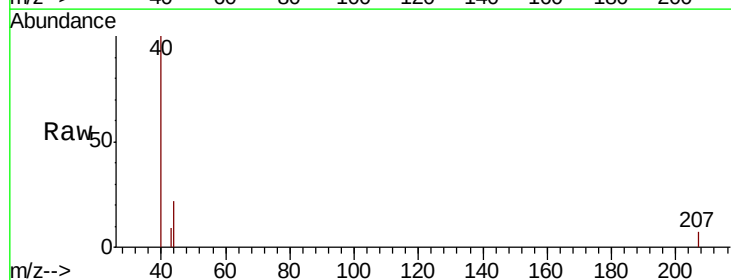
Instrument :
MSVOA_D
ClientSampleId :

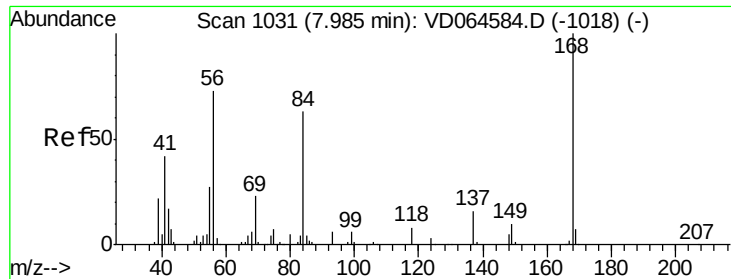
Tot Ion: 84 Resp: 1330
Ion Ratio Lower Upper
84 100
49 88.0 97.2 145.8#
51 44.7 31.4 47.0
86 65.3 49.3 73.9



#25
2-Butanone
Concen: 1.021 ug/l
RT: 7.24 min Scan# 904
Delta R.T. 0.02 min
Lab File: VD064925.D
Acq: 22 Jan 2020 19:01

Tgt Ion: 43 Resp: 499
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#

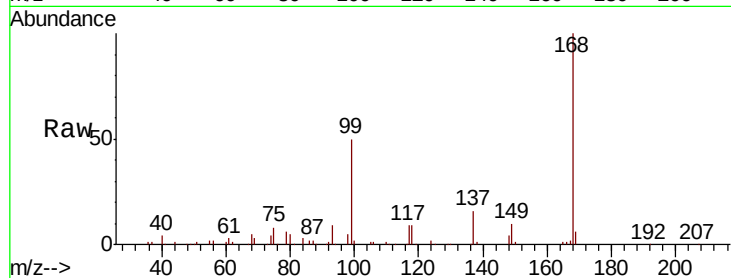




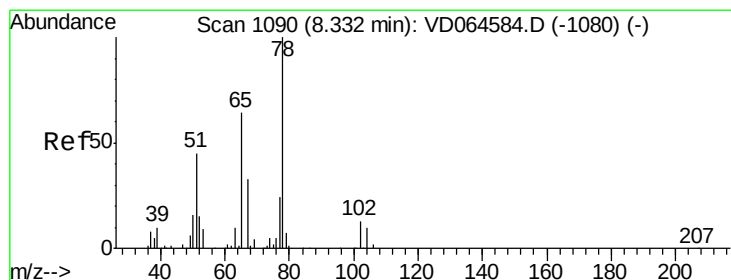
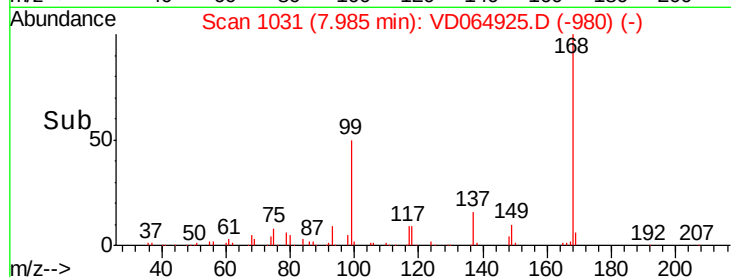
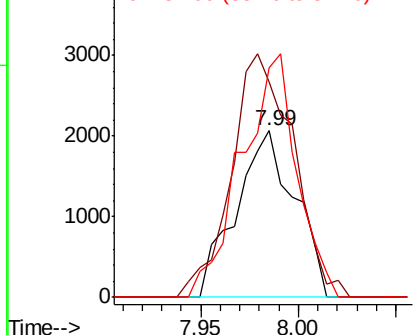
#31
Cyclohexane
Concen: 1.302 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064925.D
Acq: 22 Jan 2020 19:01

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 4317
Ion Ratio Lower Upper
56 100
69 119.9 24.7 37.1#
84 138.2 69.4 104.2#

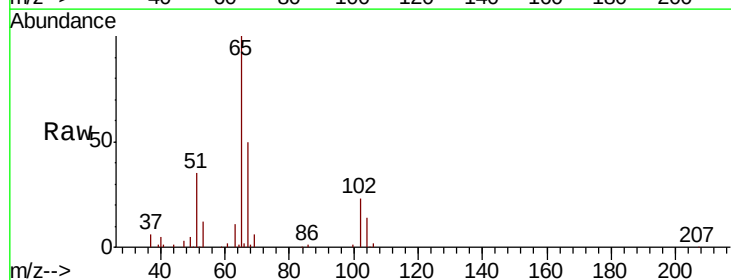


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

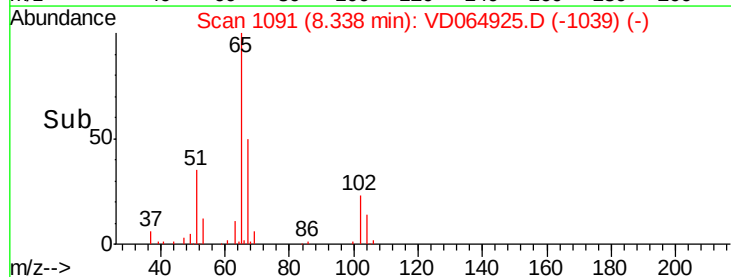
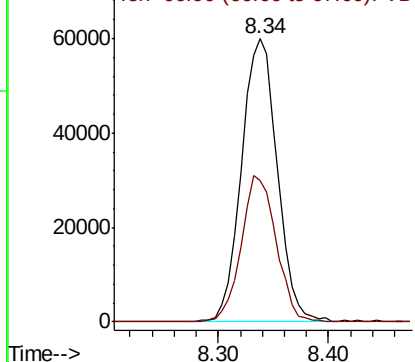


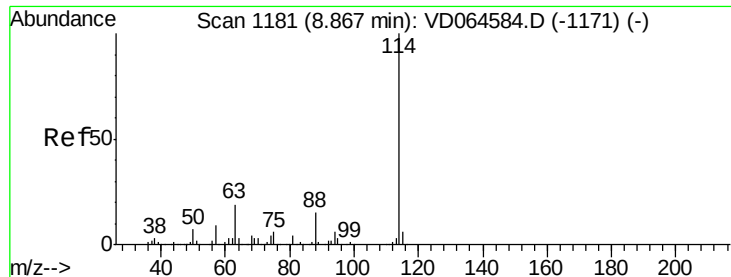
#33
1,2-Dichloroethane-d4
Concen: 76.812 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064925.D
Acq: 22 Jan 2020 19:01

Tgt Ion: 65 Resp: 136564
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

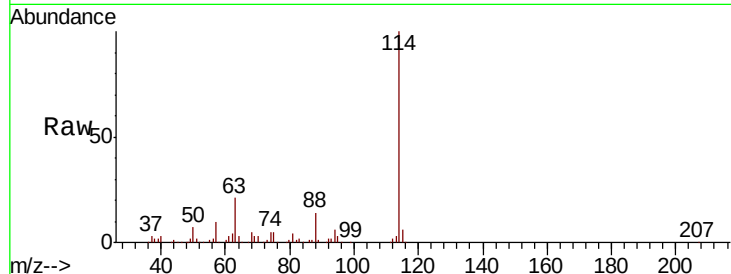




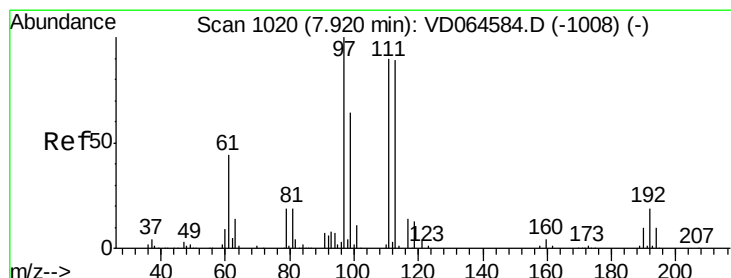
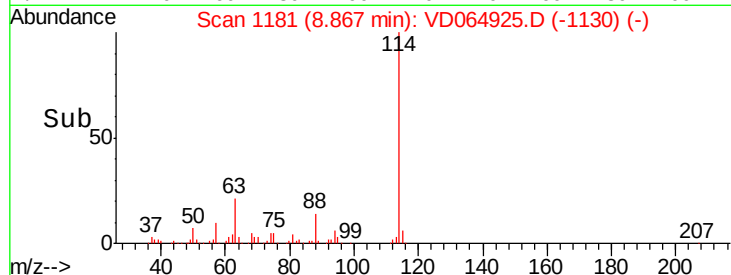
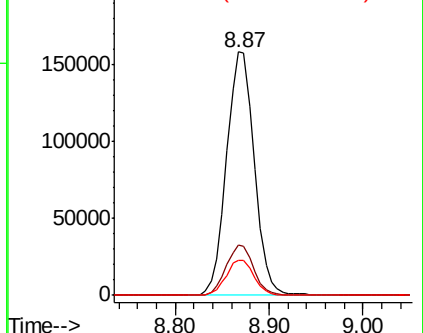
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064925.D
 Acq: 22 Jan 2020 19:01

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	38.0
88	14.2	0.0	29.2

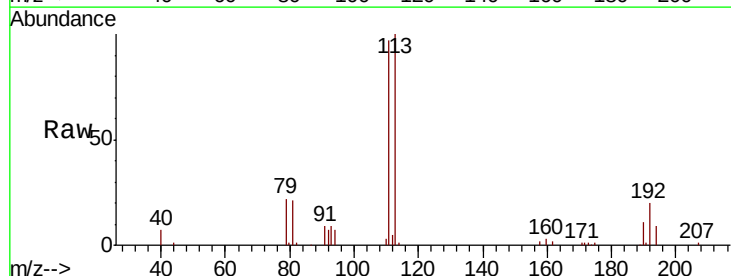


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

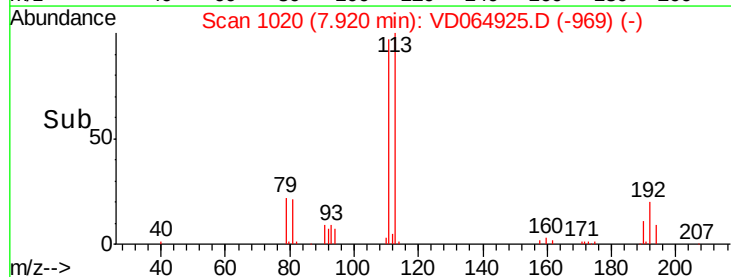
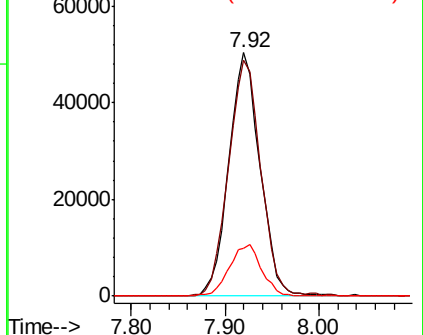


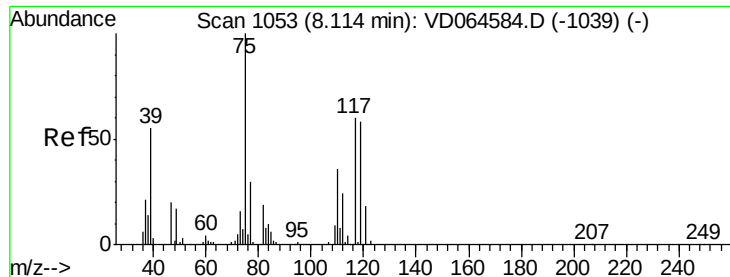
#35
 Dibromofluoromethane
 Concen: 58.101 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064925.D
 Acq: 22 Jan 2020 19:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.6	121.0
192	21.8	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: 4.953 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD064925.D

Acq: 22 Jan 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

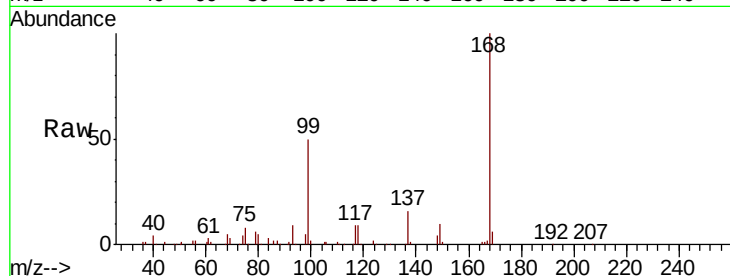
Tot Ion: 75 Resp: 15494

Ion Ratio Lower Upper

75 100

110 7.4 18.1 54.1#

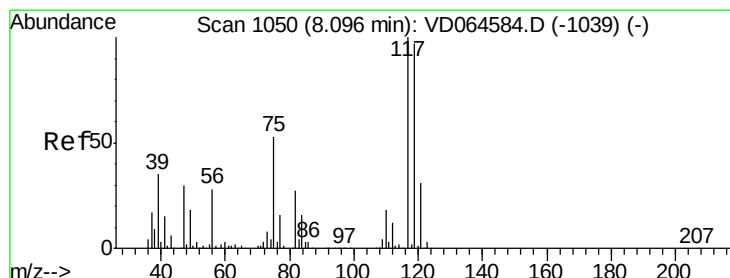
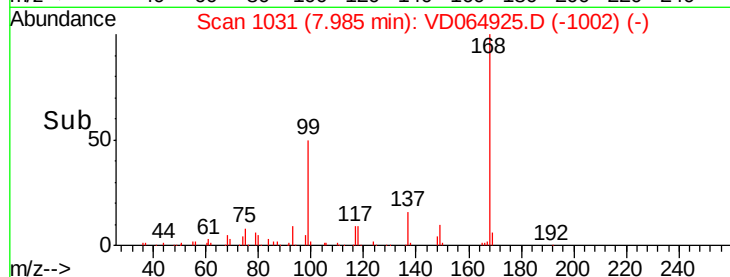
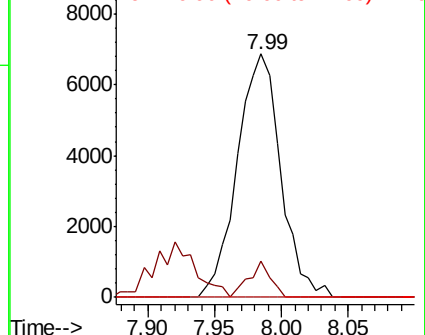
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VD064584.D (-1039) (-)

Ion 109.90 (109.60 to 110.60): VD064584.D (-1039) (-)

Ion 76.90 (76.60 to 77.60): VD064584.D (-1039) (-)



#38

Carbon Tetrachloride

Concen: 5.643 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.11 min

Lab File: VD064925.D

Acq: 22 Jan 2020 19:01

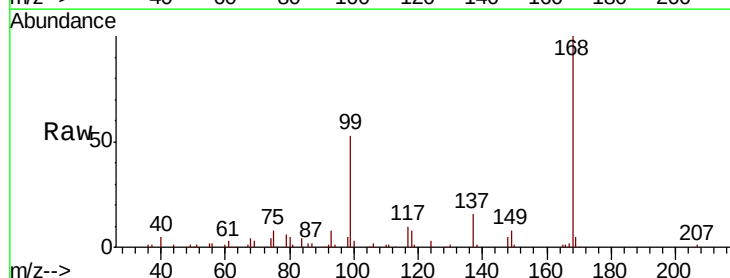
Tgt Ion: 117 Resp: 18820

Ion Ratio Lower Upper

117 100

119 5.2 77.3 115.9#

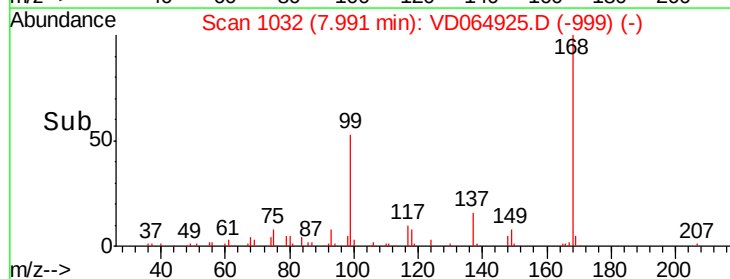
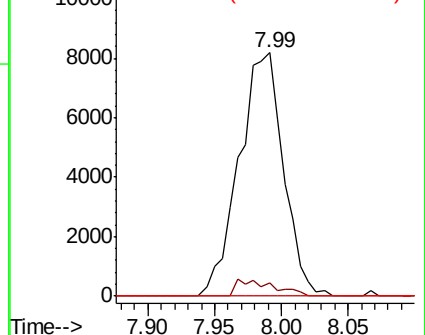
121 0.0 25.0 37.6#

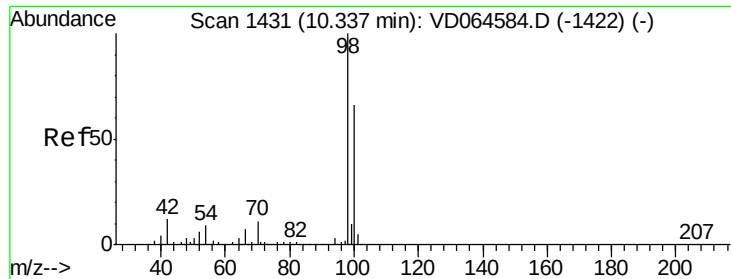


Abundance Ion 116.80 (116.50 to 117.50): VD064584.D (-1039) (-)

Ion 118.80 (118.50 to 119.50): VD064584.D (-1039) (-)

Ion 120.80 (120.50 to 121.50): VD064584.D (-1039) (-)

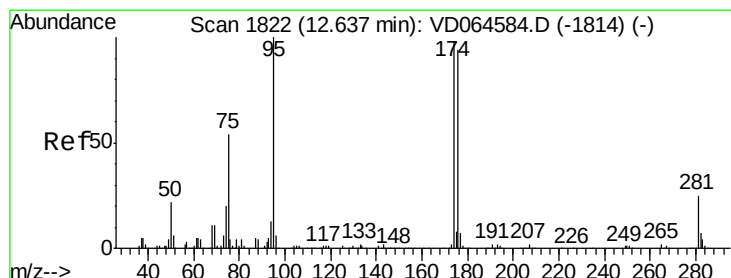
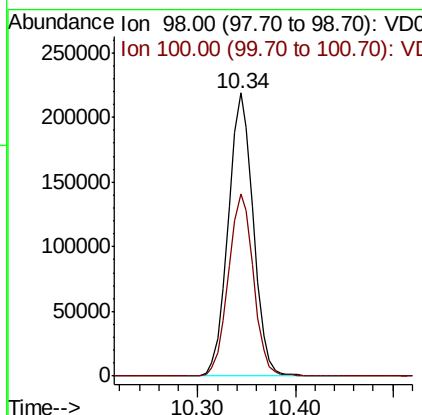
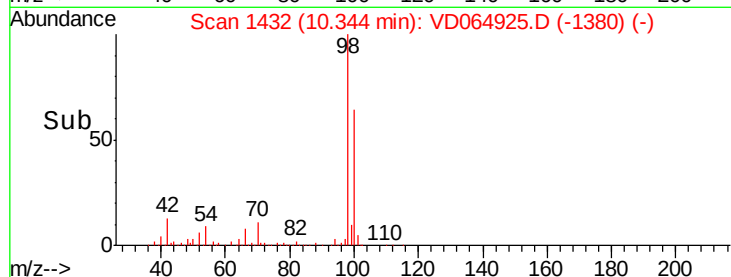
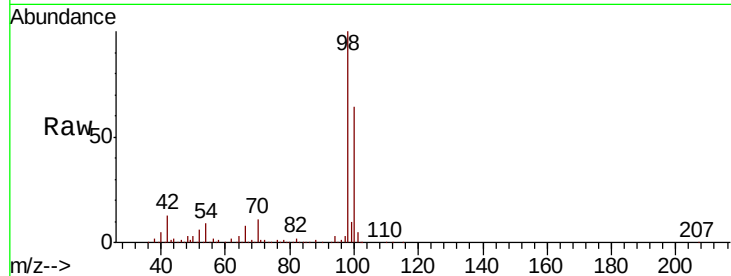




#50
Toluene-d8
Concen: 50.877 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064925.D
Acq: 22 Jan 2020 19:01

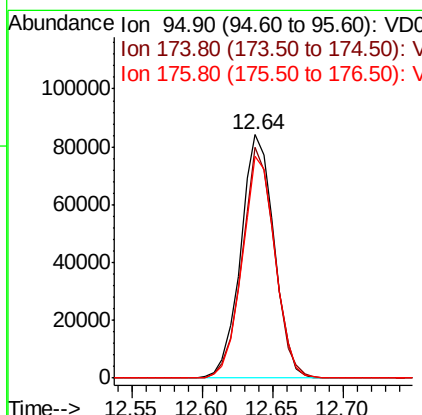
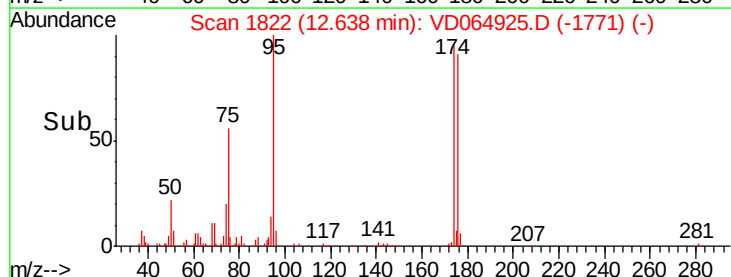
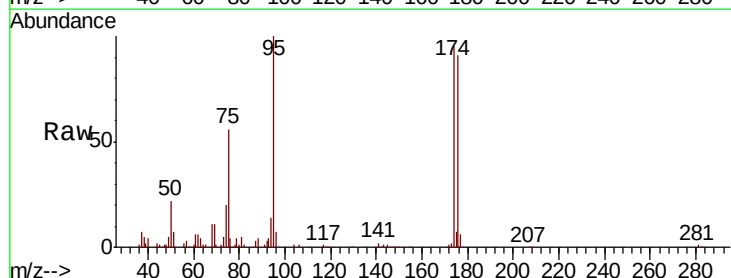
Instrument :
MSVOA_D
ClientSampleId :

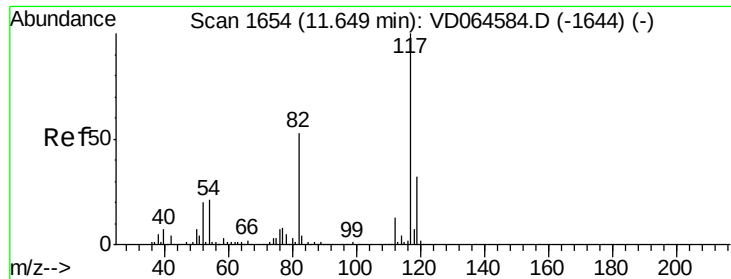
Tot Ion: 98 Resp: 388509
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 57.673 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064925.D
Acq: 22 Jan 2020 19:01

Tgt Ion: 95 Resp: 139262
Ion Ratio Lower Upper
95 100
174 91.5 0.0 193.2
176 89.9 0.0 184.2

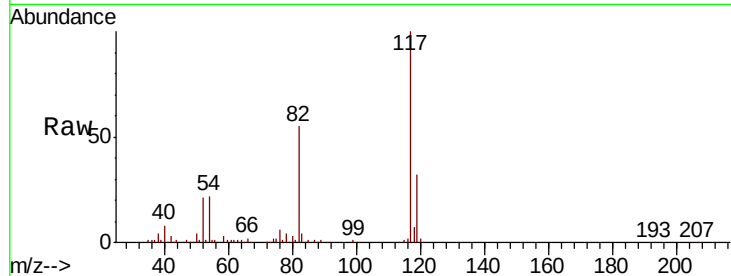




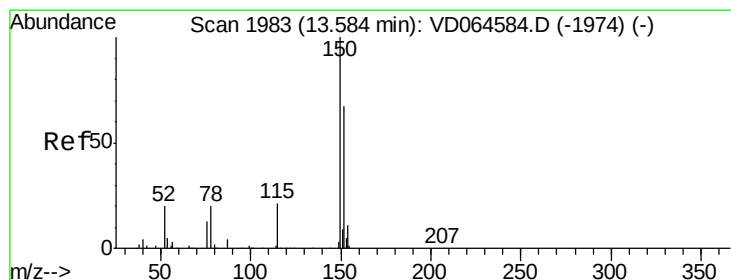
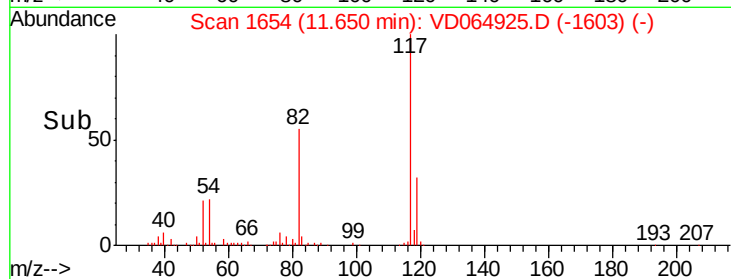
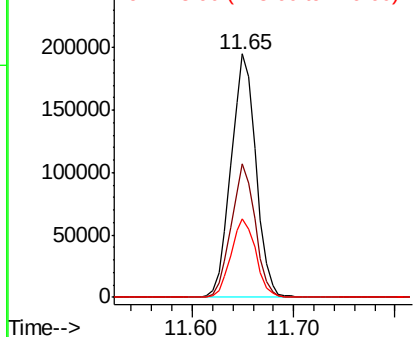
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064925.D
Acq: 22 Jan 2020 19:01

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 331760
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.1 26.0 39.0

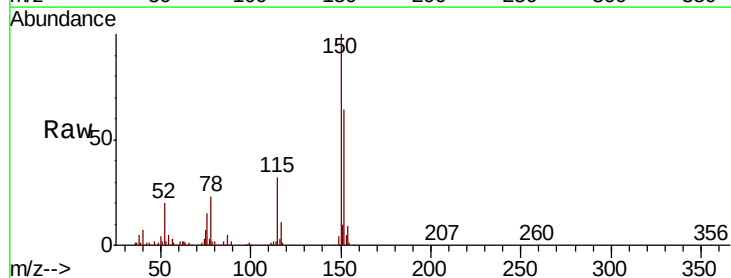


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

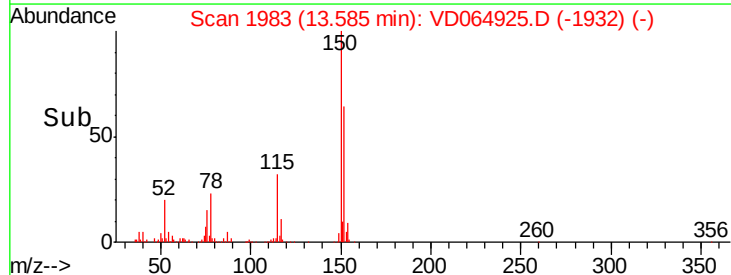
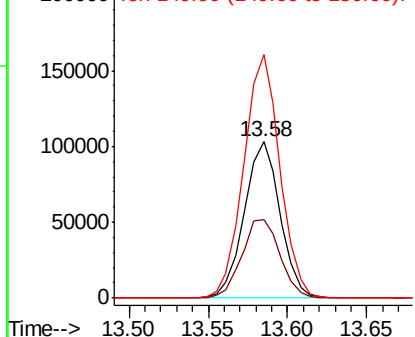


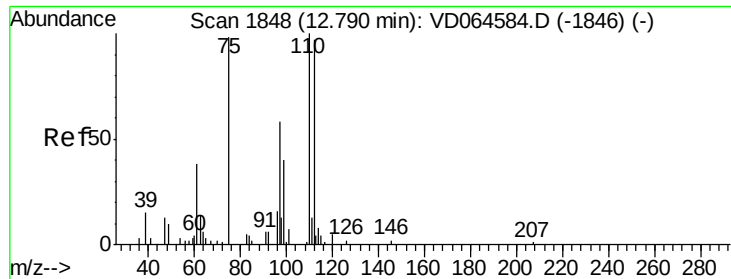
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064925.D
Acq: 22 Jan 2020 19:01

Tgt Ion:152 Resp: 161959
Ion Ratio Lower Upper
152 100
115 53.4 27.8 83.4
150 156.7 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: 58.779 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064925.D

Acq: 22 Jan 2020 19:01

Instrument :

MSVOA_D

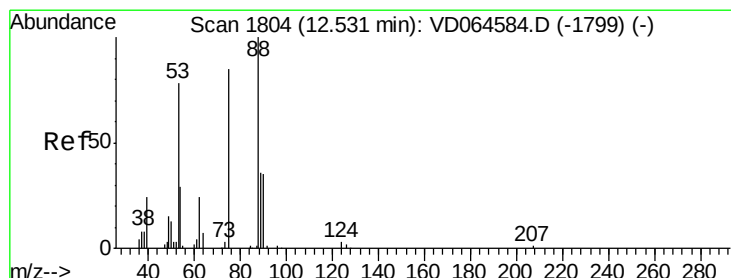
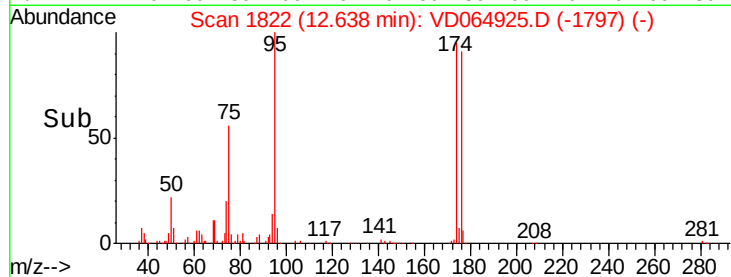
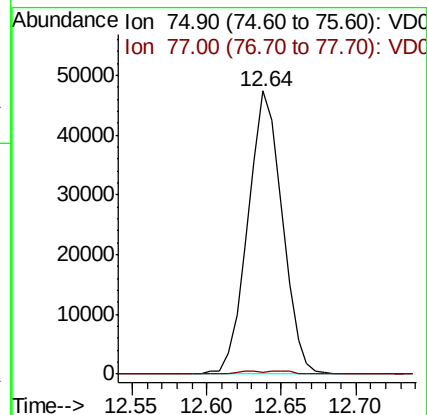
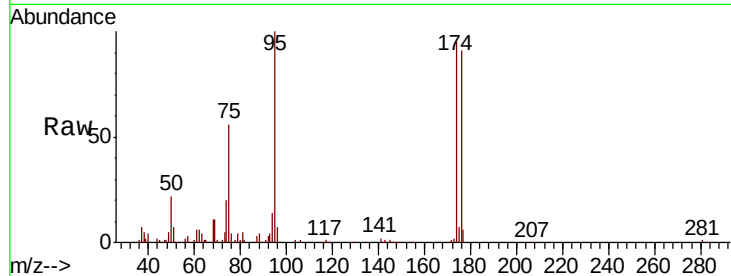
ClientSampled :

Tot Ion: 75 Resp: 75174

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 122.934 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064925.D

Acq: 22 Jan 2020 19:01

Tgt Ion: 75 Resp: 75174

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 38.3 57.5#

