

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064882.D
 Acq On : 20 Jan 2020 11:19
 Operator : VA/SY
 Sample : L1176-03
 Misc : 5.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 21 04:07:55 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

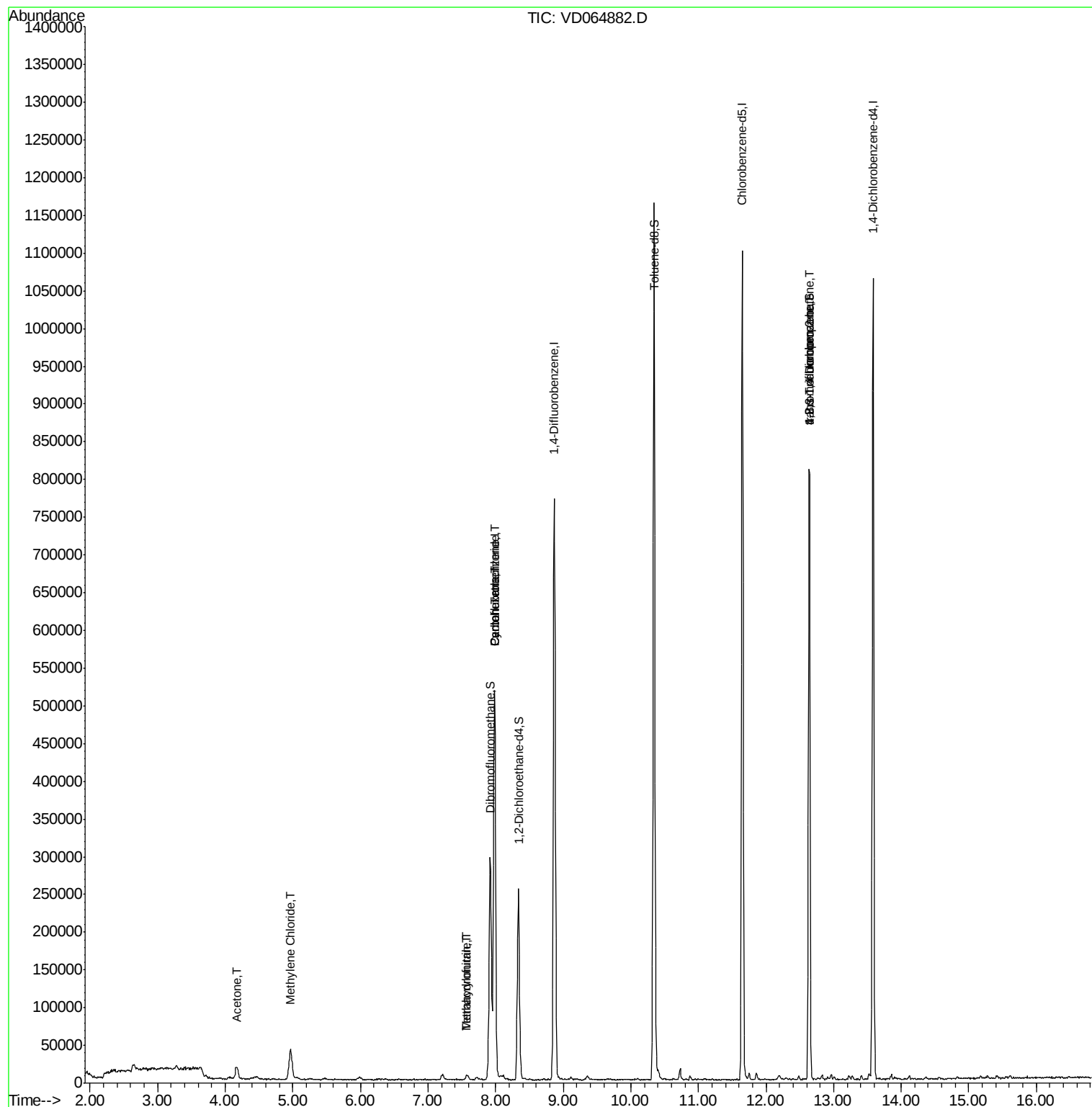
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	392506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	649489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	597445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	198975	57.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.98%	
35) Dibromofluoromethane	7.92	113	205957	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
50) Toluene-d8	10.34	98	784496	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.64	95	250382	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	31777	43.112	ug/l	90
20) Methylene Chloride	4.96	84	30737	4.207	ug/l	97
29) Tetrahydrofuran	7.57	42	4785	8.088	ug/l #	90
31) Cyclohexane	7.98	56	9895	1.533	ug/l #	6
38) Carbon Tetrachloride	7.98	117	37276	5.592	ug/l #	17
41) Methacrylonitrile	7.57	41	3467	2.433	ug/l #	53
76) 1,2,3-Trichloropropane	12.64	75	132094	59.937	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	132094	125.356	ug/l #	10

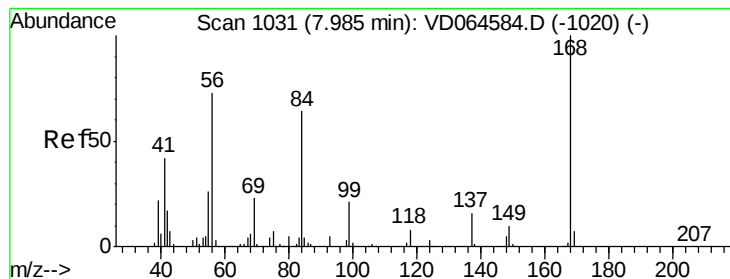
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012020\
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Quant Time: Jan 21 04:07:55 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: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064882.D

Acq: 20 Jan 2020 11:19

Instrument :

MSVOA_D

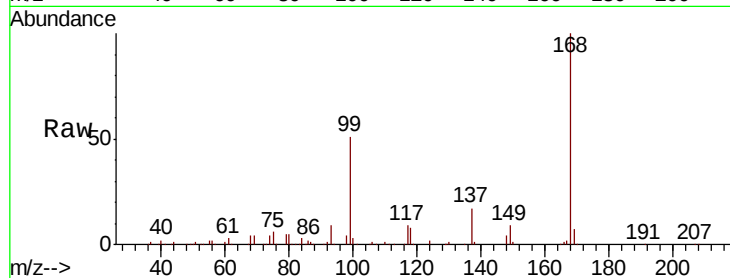
ClientSampled :

Tot Ion:168 Resp: 392506

Ion Ratio Lower Upper

168 100

99 50.9 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

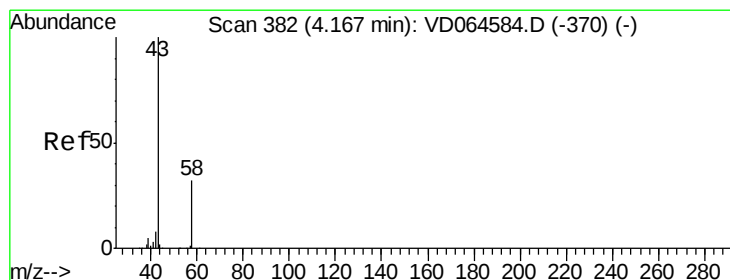
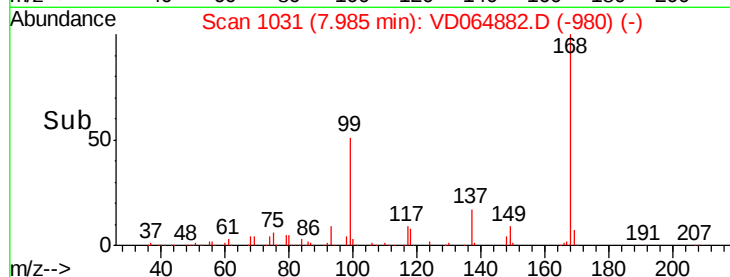
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 43.112 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064882.D

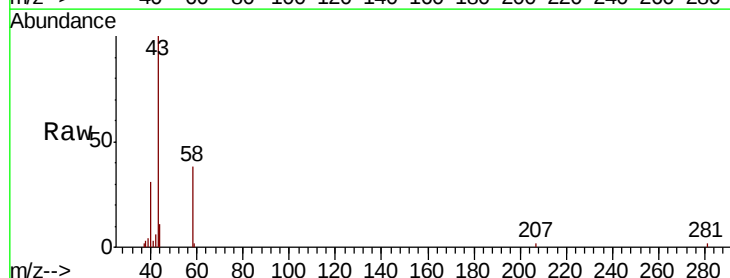
Acq: 20 Jan 2020 11:19

Tgt Ion: 43 Resp: 31777

Ion Ratio Lower Upper

43 100

58 37.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

12000

10000

8000

6000

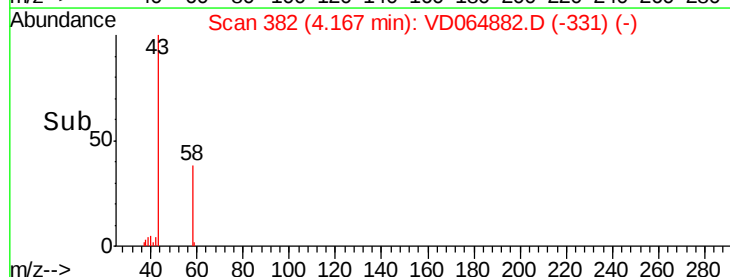
4000

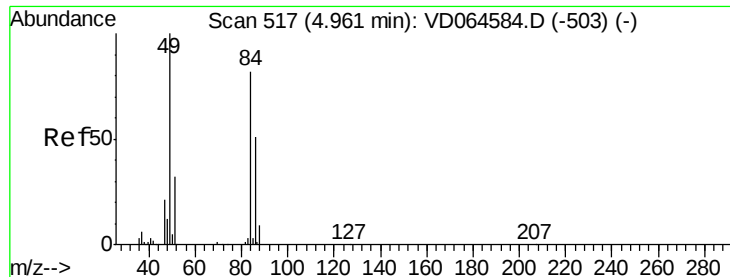
2000

0

4.10 4.20 4.30

Time-->

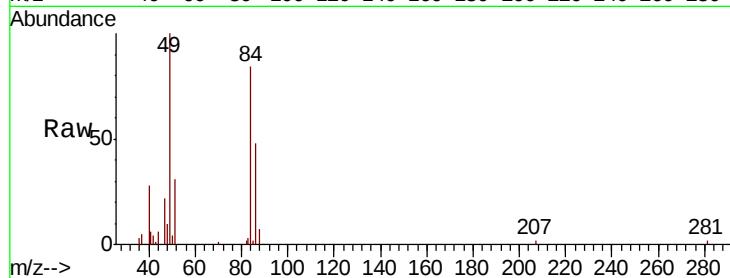




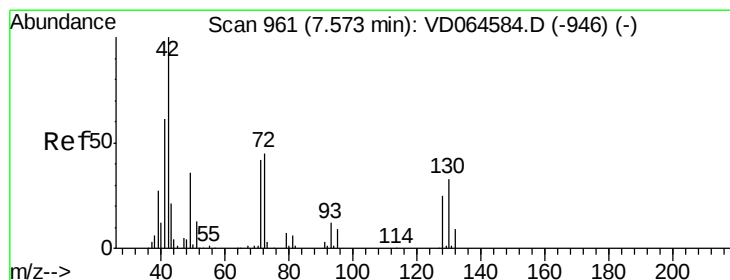
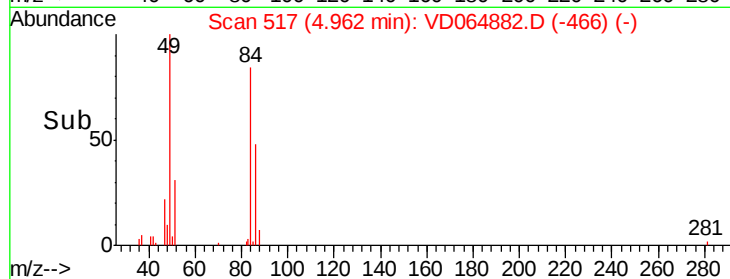
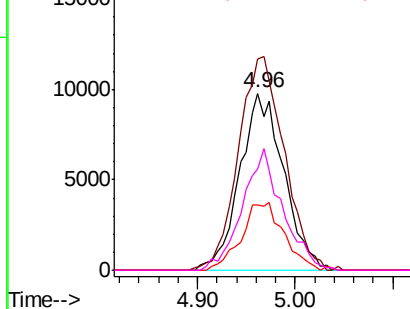
#20
Methylene Chloride
Concen: 4.207 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064882.D
Acq: 20 Jan 2020 11:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	84	Resp:	30737
Ion	Ratio	Lower	Upper
84	100		
49	119.2	97.2	145.8
51	37.1	31.4	47.0
86	57.6	49.3	73.9

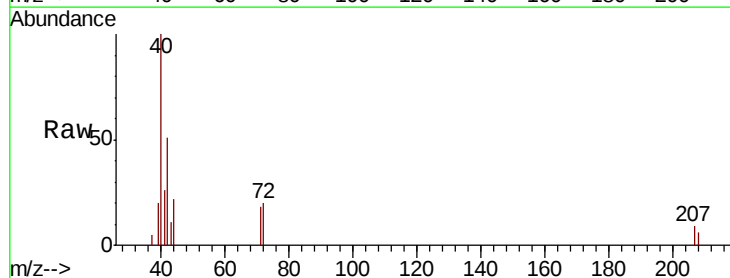


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

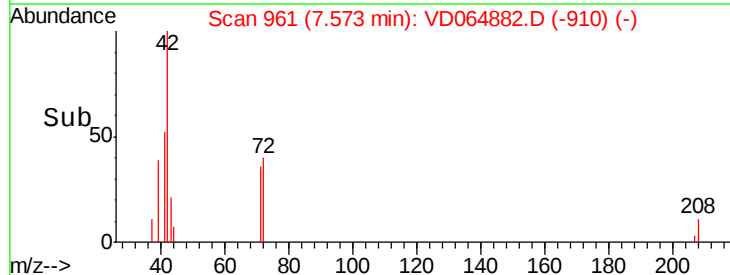
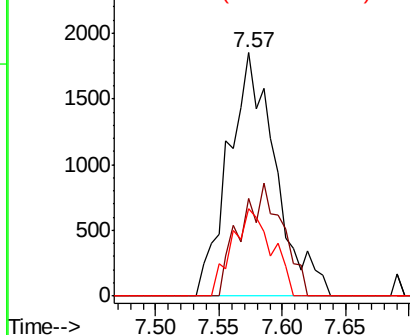


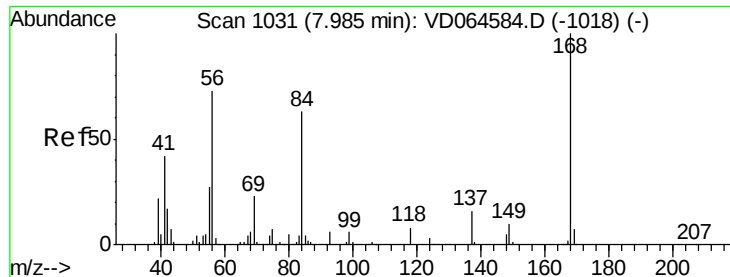
#29
Tetrahydrofuran
Concen: 8.088 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD064882.D
Acq: 20 Jan 2020 11:19

Tgt Ion:	42	Resp:	4785
Ion	Ratio	Lower	Upper
42	100		
72	41.7	35.0	52.4
71	30.0	32.9	49.3#



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

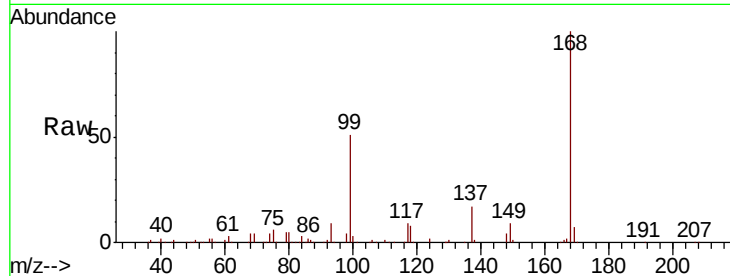




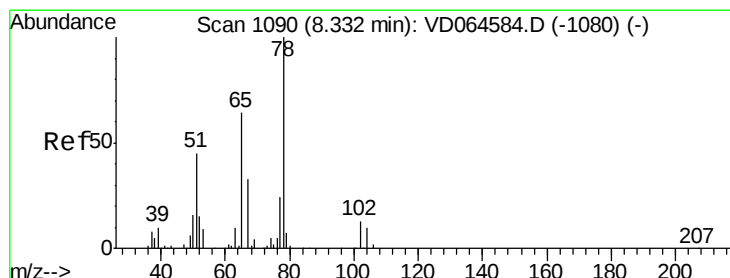
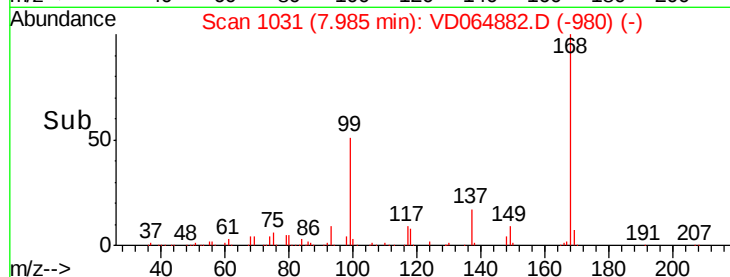
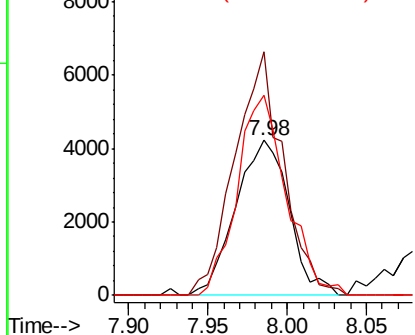
#31
Cyclohexane
Concen: 1.533 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064882.D
Acq: 20 Jan 2020 11:19

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 9895
Ion Ratio Lower Upper
56 100
69 157.0 24.7 37.1#
84 129.2 69.4 104.2#

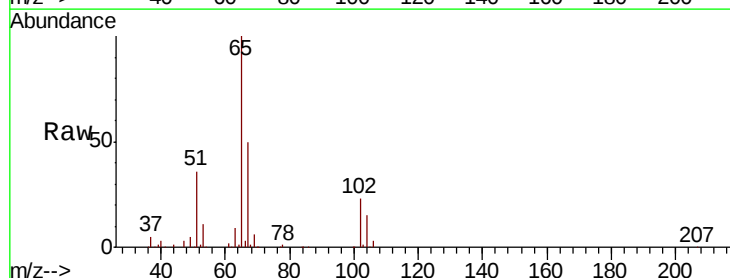


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

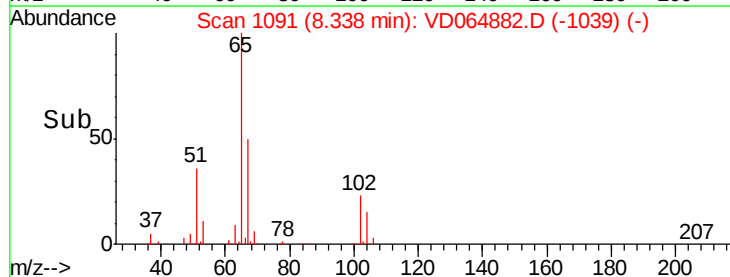
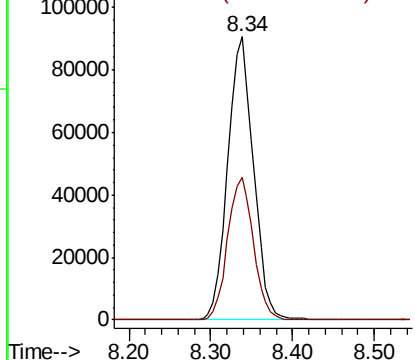


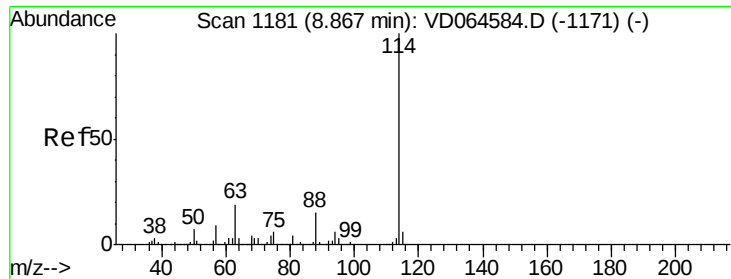
#33
1,2-Dichloroethane-d4
Concen: 57.489 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064882.D
Acq: 20 Jan 2020 11:19

Tgt Ion: 65 Resp: 198975
Ion Ratio Lower Upper
65 100
67 50.4 0.0 106.2



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

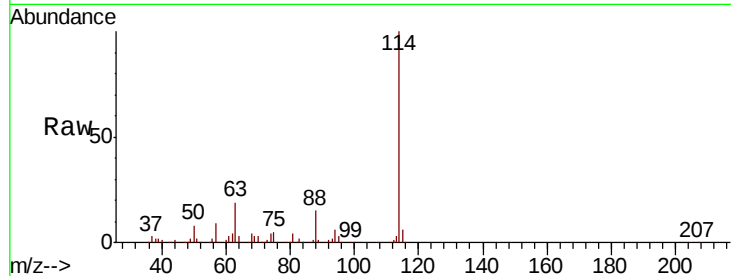




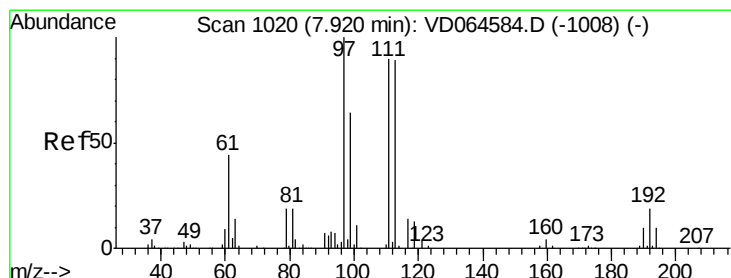
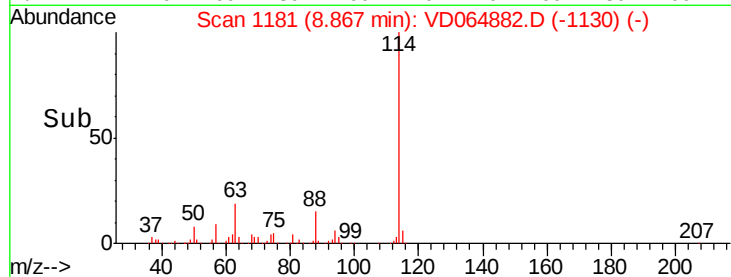
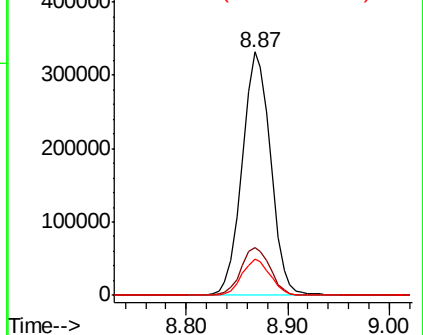
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064882.D
 Acq: 20 Jan 2020 11:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 649489
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 15.1 0.0 29.2

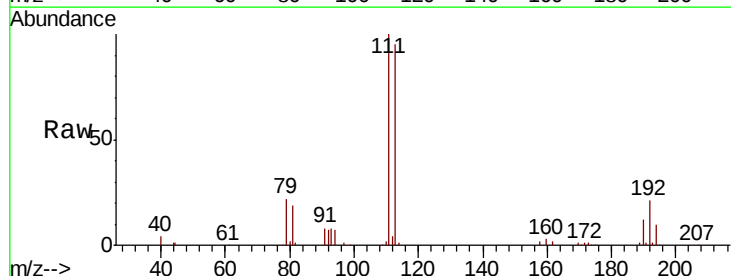


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

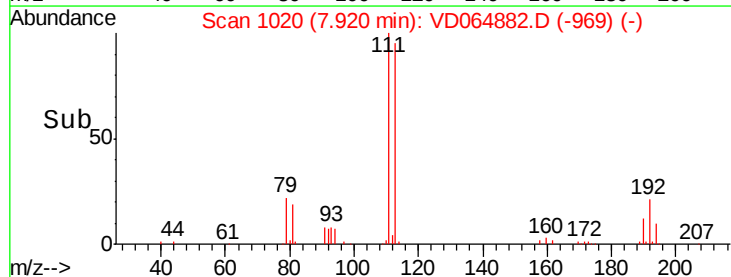
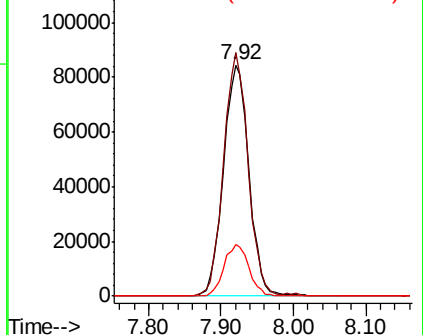


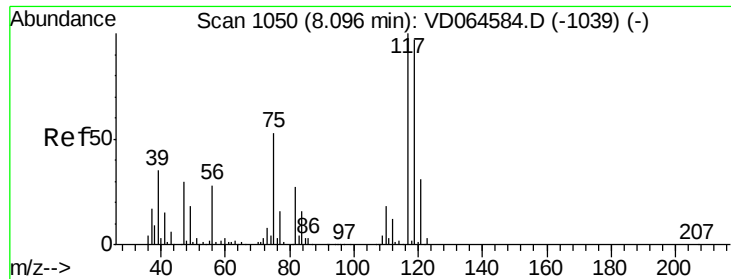
#35
 Dibromofluoromethane
 Concen: 51.687 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064882.D
 Acq: 20 Jan 2020 11:19

Tgt Ion:113 Resp: 205957
 Ion Ratio Lower Upper
 113 100
 111 101.2 80.6 121.0
 192 21.7 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





#38

Carbon Tetrachloride

Concen: 5.592 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064882.D

Acq: 20 Jan 2020 11:19

Instrument :

MSVOA_D

ClientSampleId :

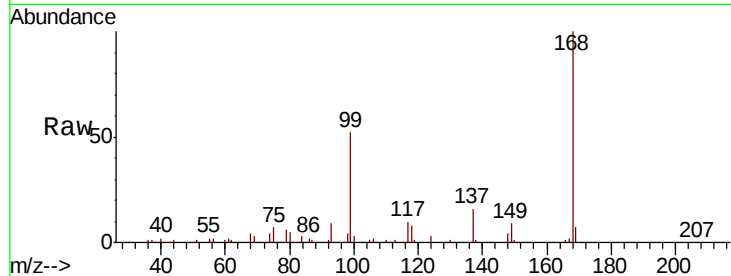
Tot Ion:117 Resp: 37276

Ion Ratio Lower Upper

117 100

119 6.9 77.3 115.9#

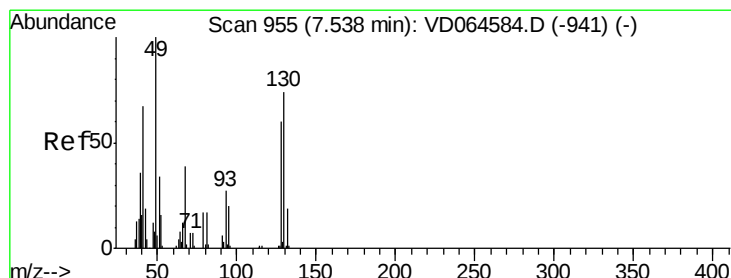
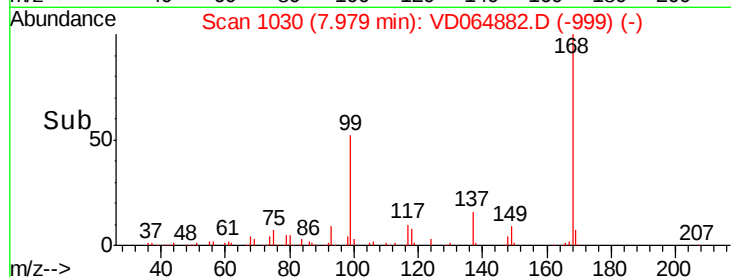
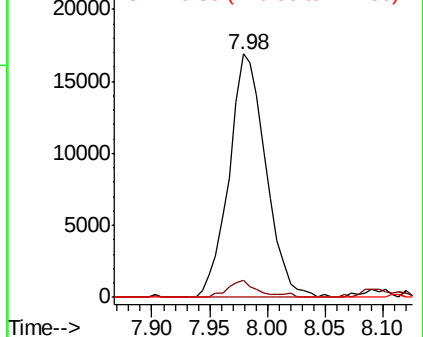
121 0.0 25.0 37.6#



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



#41

Methacrylonitrile

Concen: 2.433 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.03 min

Lab File: VD064882.D

Acq: 20 Jan 2020 11:19

Tgt Ion: 41 Resp: 3467

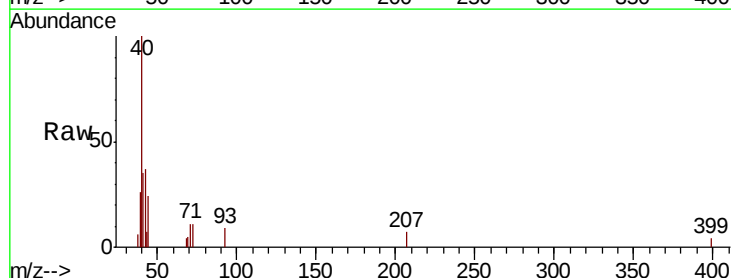
Ion Ratio Lower Upper

41 100

39 59.7 46.7 70.1

67 0.0 52.5 78.7#

52 0.0 24.1 36.1#

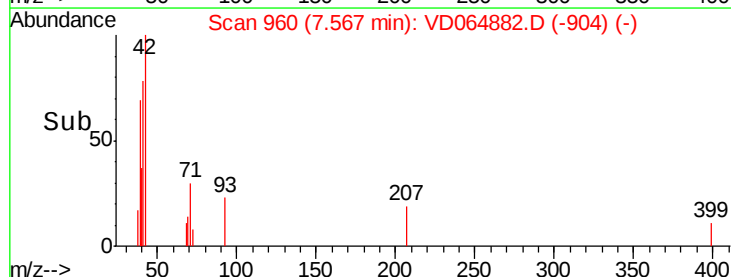
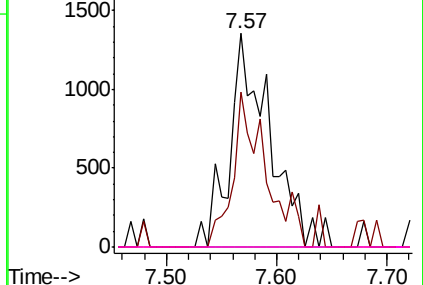


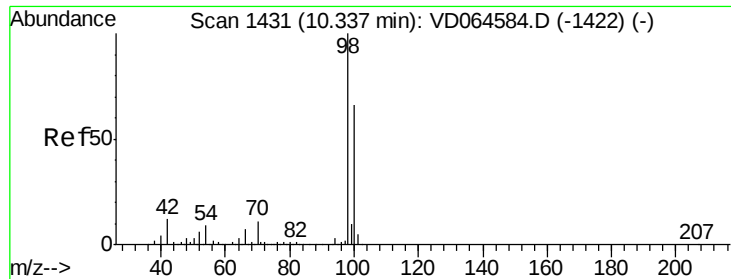
Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC





#50

Toluene-d8

Concen: 51.405 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064882.D

Acq: 20 Jan 2020 11:19

Instrument :

MSVOA_D

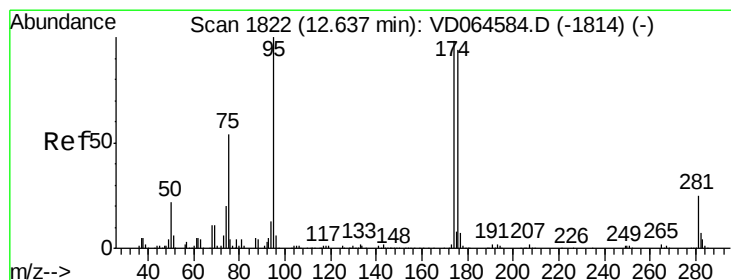
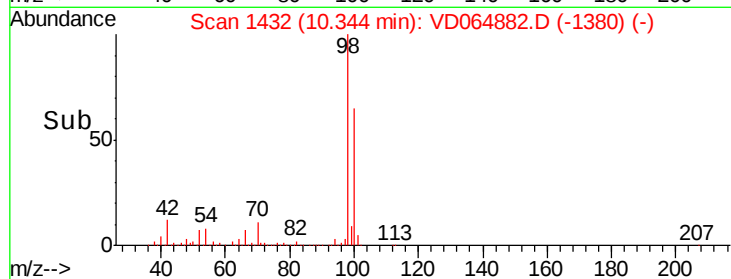
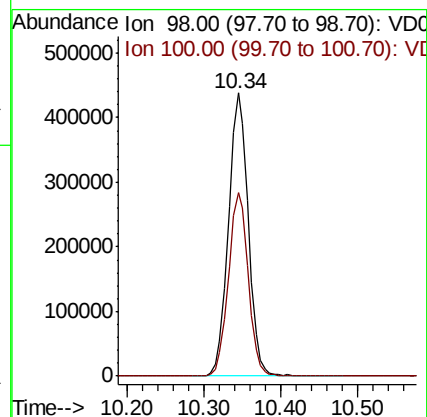
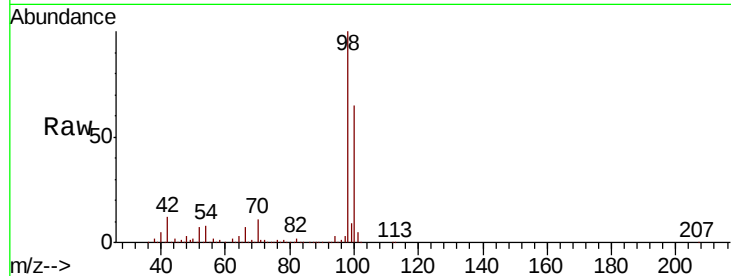
ClientSampleId :

Tot Ion: 98 Resp: 784496

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 51.885 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064882.D

Acq: 20 Jan 2020 11:19

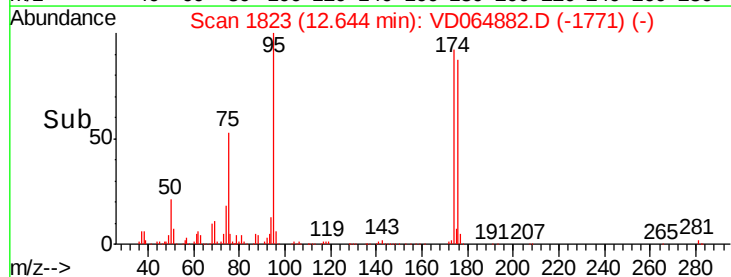
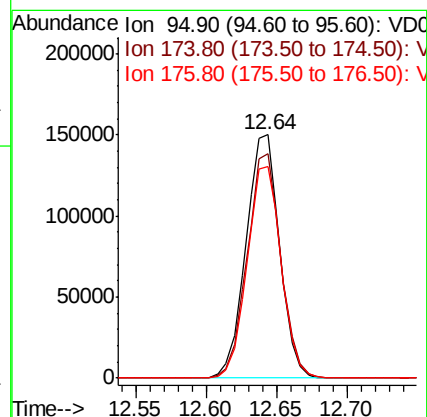
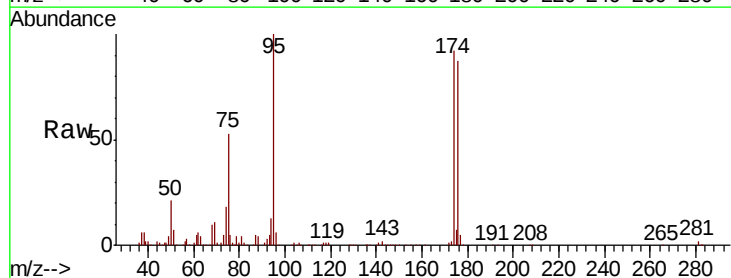
Tgt Ion: 95 Resp: 250382

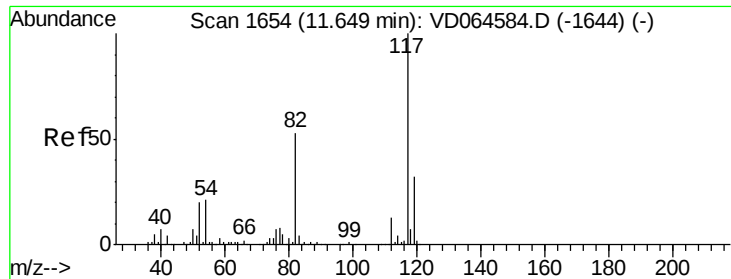
Ion Ratio Lower Upper

95 100

174 91.9 0.0 193.2

176 88.1 0.0 184.2

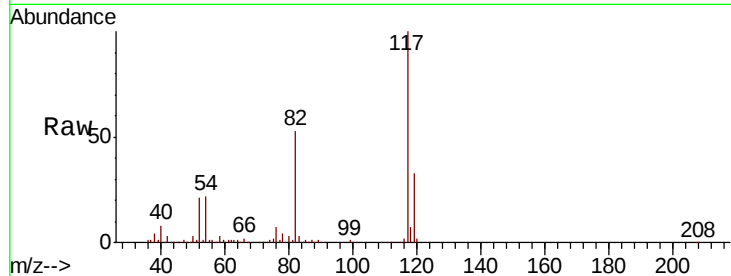




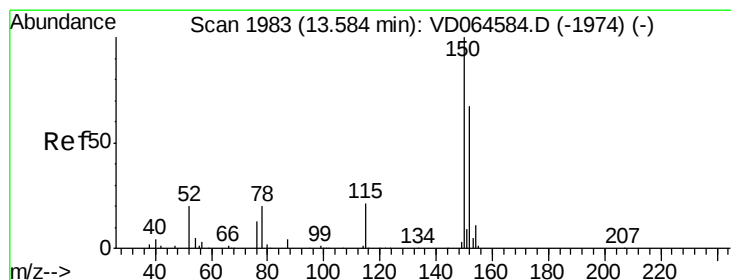
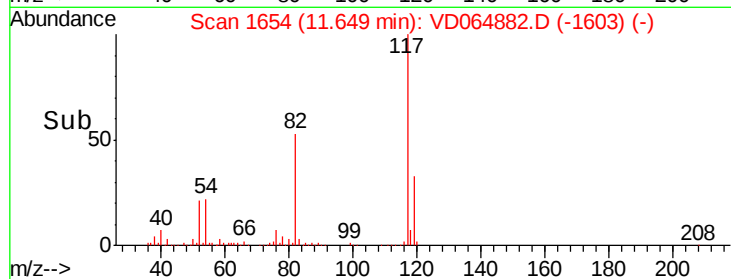
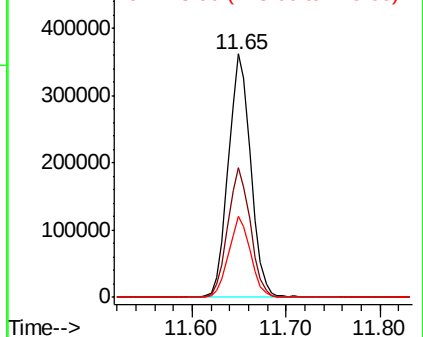
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064882.D
Acq: 20 Jan 2020 11:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.4
119	33.2	26.0	39.0

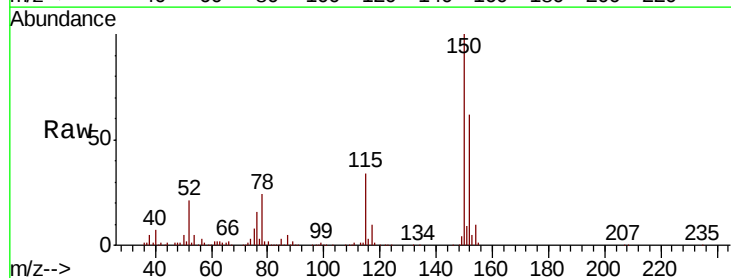


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

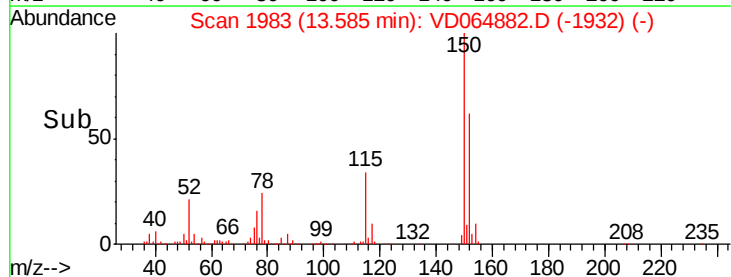
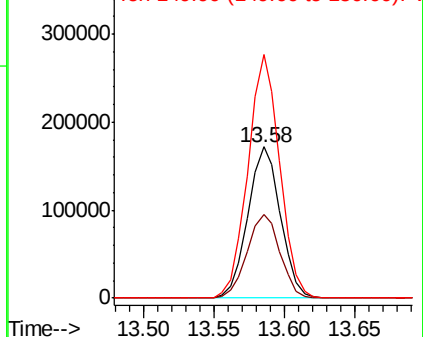


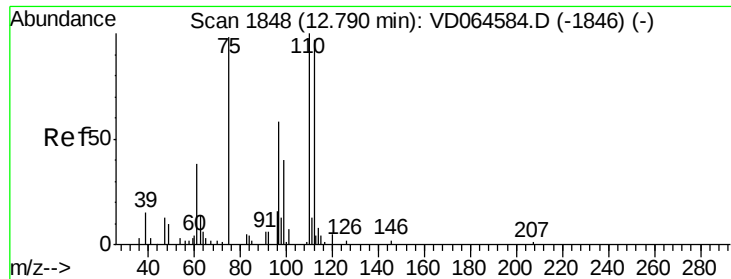
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064882.D
Acq: 20 Jan 2020 11:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.8	83.4
150	156.9	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: 59.937 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064882.D

Acq: 20 Jan 2020 11:19

Instrument :

MSVOA_D

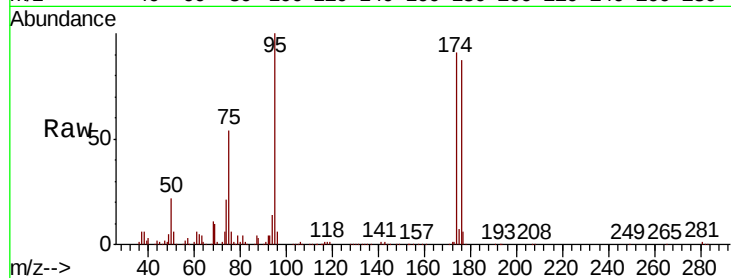
ClientSampleId :

Tot Ion: 75 Resp: 132094

Ion Ratio Lower Upper

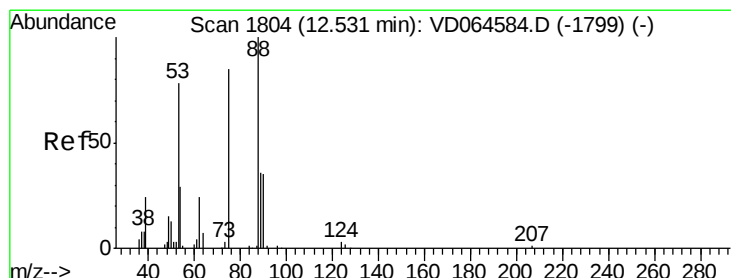
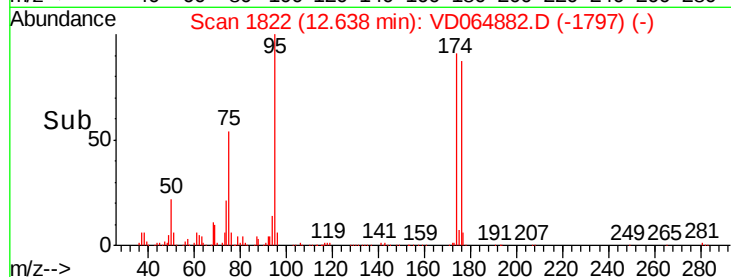
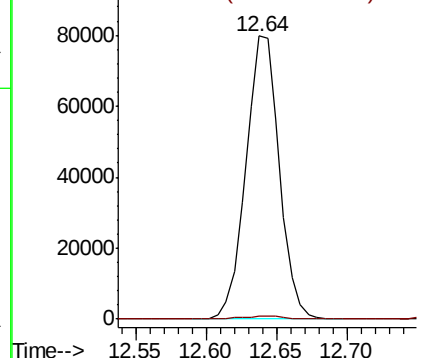
75 100

77 1.2 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: 125.356 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064882.D

Acq: 20 Jan 2020 11:19

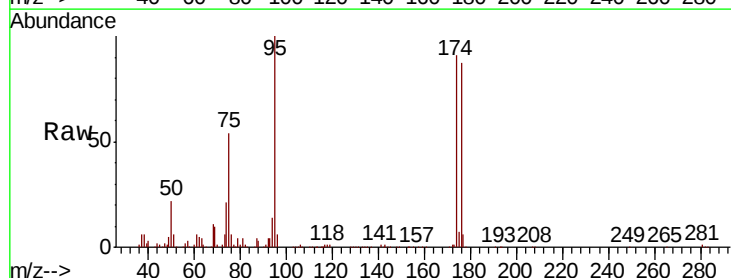
Tgt Ion: 75 Resp: 132094

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 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

