

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064891.D
 Acq On : 20 Jan 2020 15:35
 Operator : VA/SY
 Sample : L1189-03
 Misc : 7.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 21 04:10:23 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

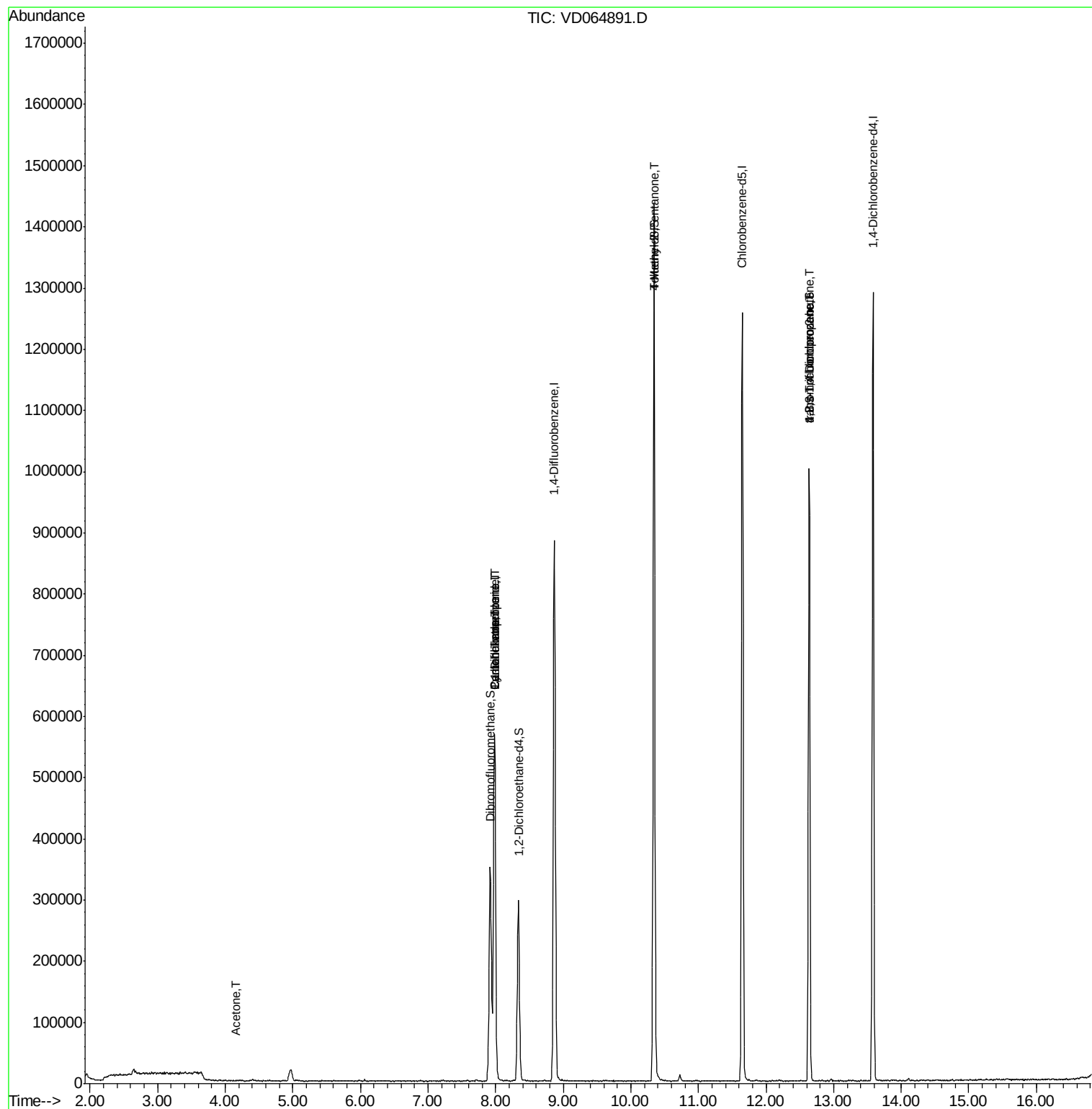
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	447634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	754593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	712233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	337396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	239838	60.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.52%	
35) Dibromofluoromethane	7.92	113	242175	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
50) Toluene-d8	10.34	98	932985	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.64	95	294153	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	939	5.186	ug/l #	42
20) Methylene Chloride	4.96	84	14367	Below Cal		91
31) Cyclohexane	7.98	56	10443	1.419	ug/l #	37
36) 1,1-Dichloropropene	7.98	75	31881	4.390	ug/l #	50
38) Carbon Tetrachloride	7.98	117	41954	5.417	ug/l #	14
51) 4-Methyl-2-Pentanone	10.34	43	4641	1.653	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	158554	59.511	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	158554	124.465	ug/l #	10

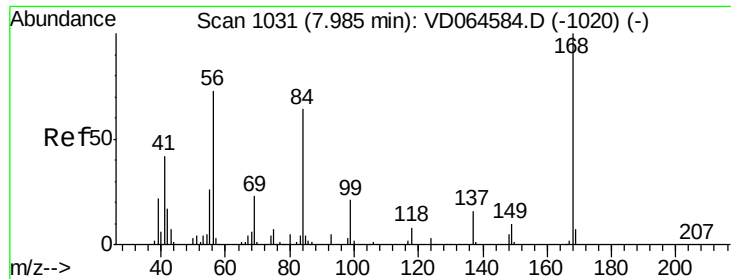
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 21 04:10:23 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: VD064891.D

Acq: 20 Jan 2020 15:35

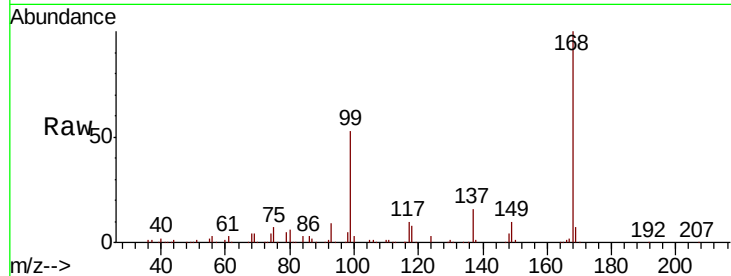
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 447634

Ion Ratio Lower Upper

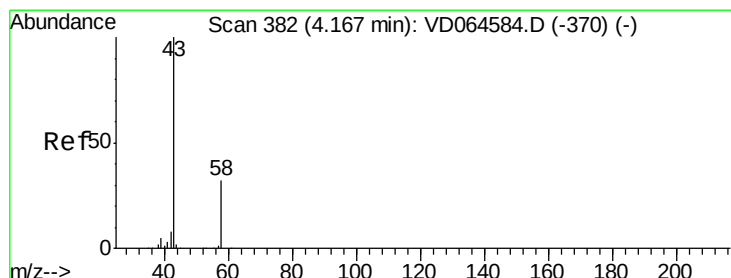
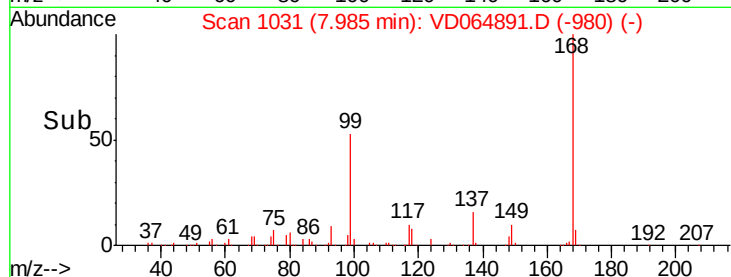
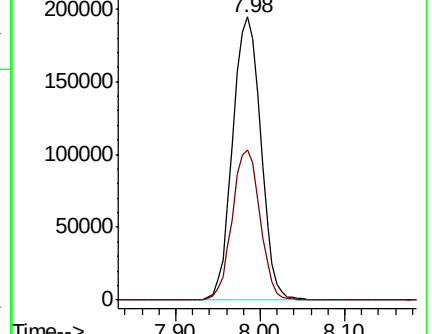
168 100

99 52.9 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 5.186 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064891.D

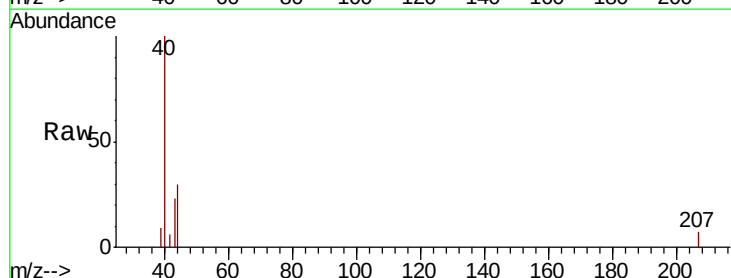
Acq: 20 Jan 2020 15:35

Tgt Ion: 43 Resp: 939

Ion Ratio Lower Upper

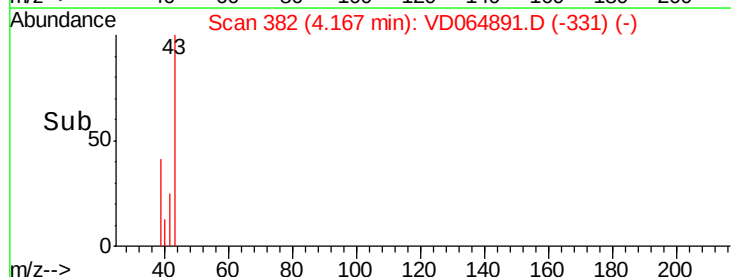
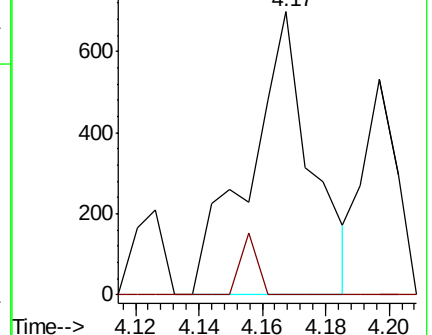
43 100

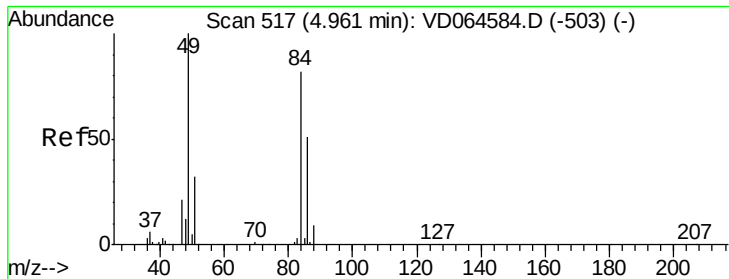
58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



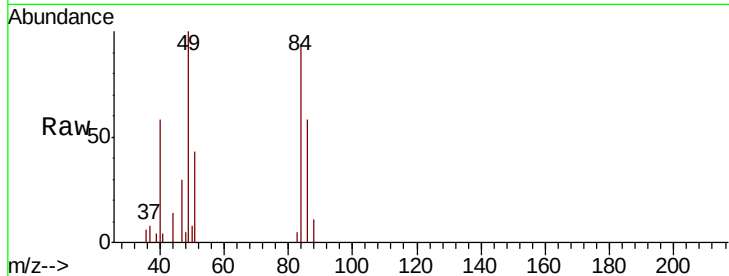


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD064891.D
 Acq: 20 Jan 2020 15:35

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion	84	Resp	14367
Ion	Ratio	Lower	Upper
84	100		
49	105.9	97.2	145.8
51	45.4	31.4	47.0
86	61.8	49.3	73.9



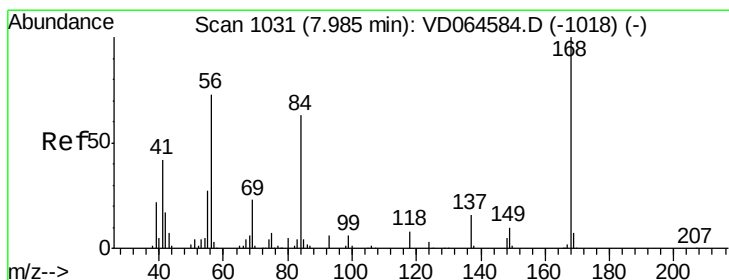
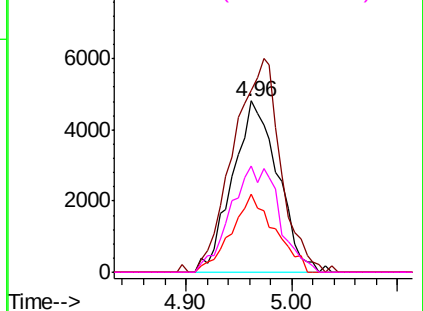
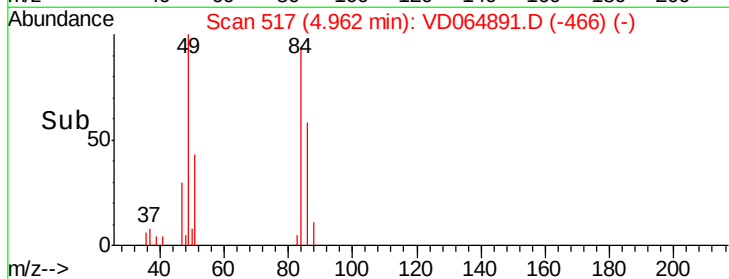
Abundance

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

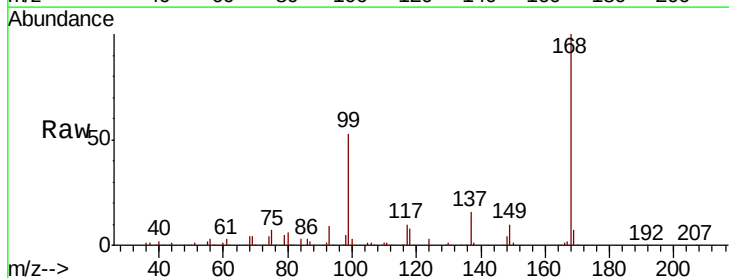
Ion 85.90 (85.60 to 86.60): VDC



#31

Cyclohexane
 Concen: 1.419 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VD064891.D
 Acq: 20 Jan 2020 15:35

Tgt Ion	56	Resp	10443
Ion	Ratio	Lower	Upper
56	100		
69	143.2	24.7	37.1#
84	98.4	69.4	104.2

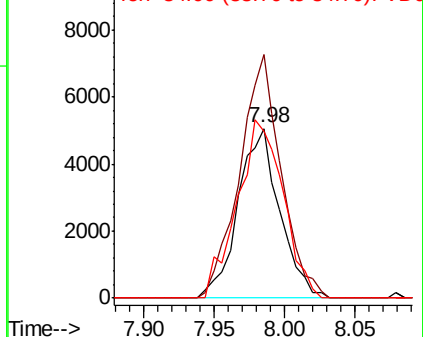
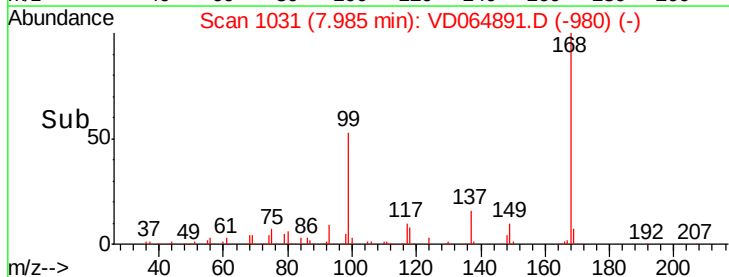


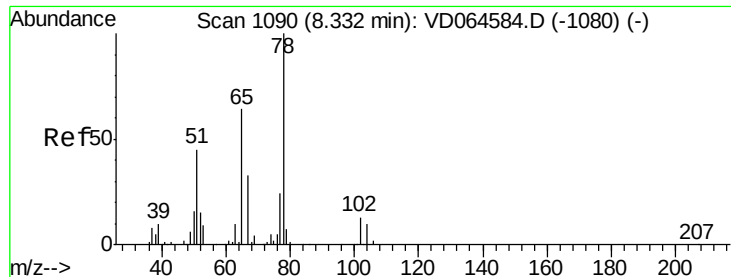
Abundance

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

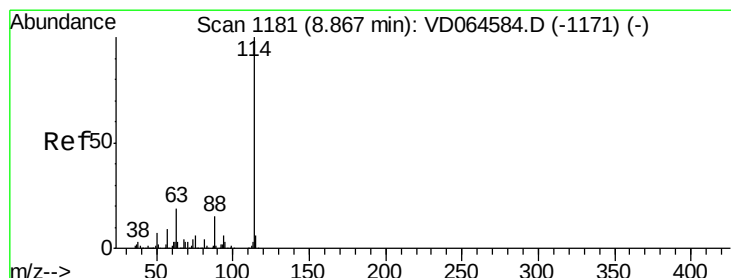
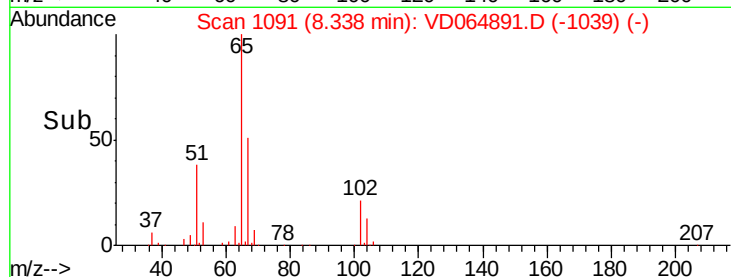
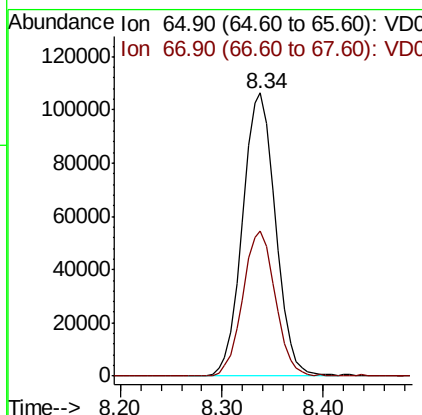
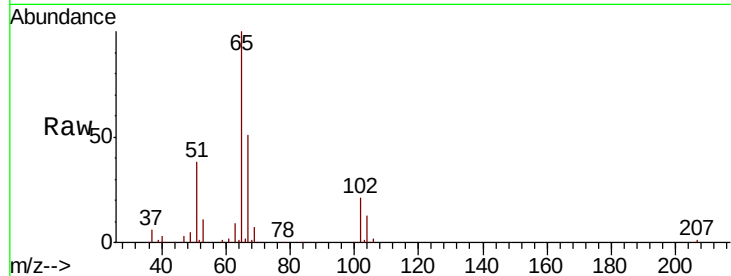




#33
 1,2-Dichloroethane-d4
 Concen: 60.762 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064891.D
 Acq: 20 Jan 2020 15:35

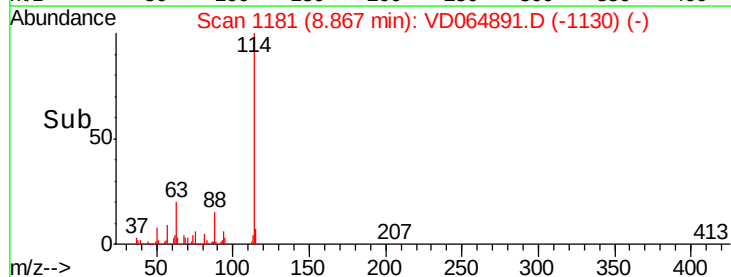
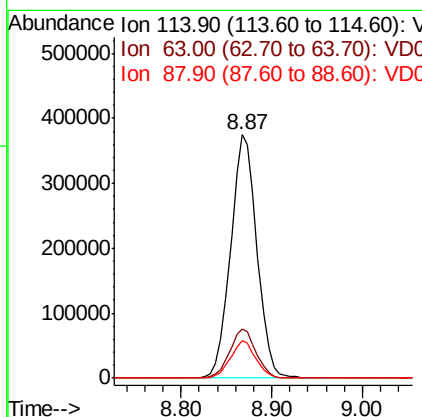
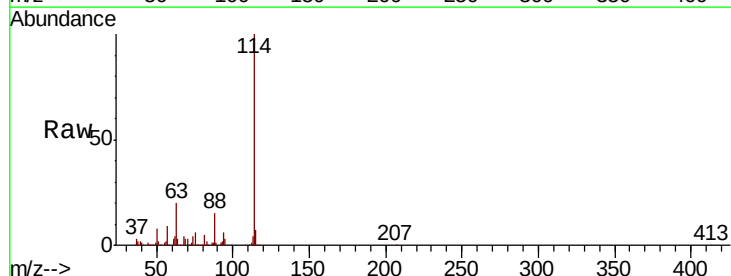
Instrument :
 MSVOA_D
 ClientSampled :

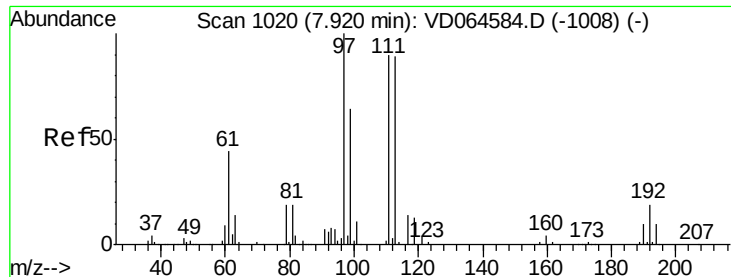
Tot Ion: 65 Resp: 239838
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064891.D
 Acq: 20 Jan 2020 15:35

Tgt Ion: 114 Resp: 754593
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.0
 88 15.2 0.0 29.2

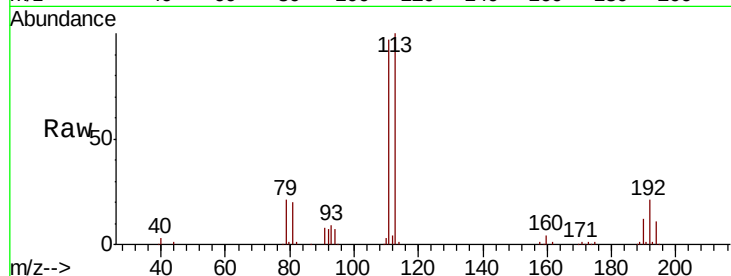




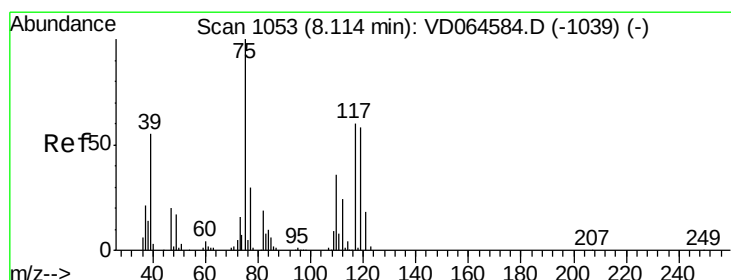
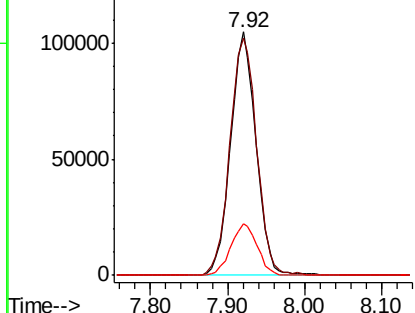
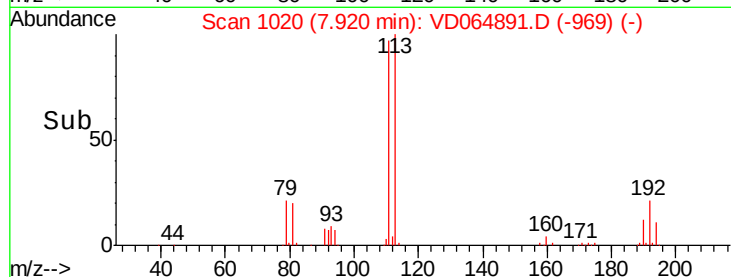
#35
 Dibromofluoromethane
 Concen: 52.311 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064891.D
 Acq: 20 Jan 2020 15:35

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.6	121.0
192	21.8	17.9	26.9

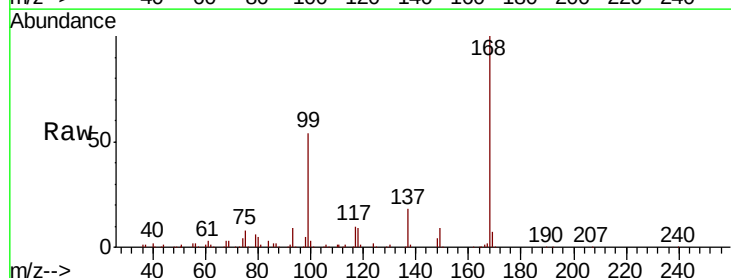


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

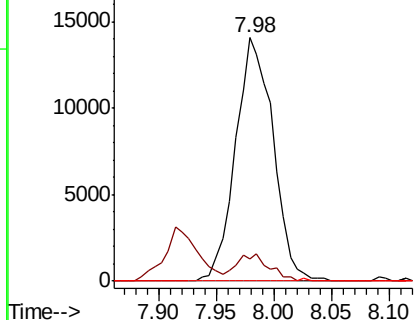
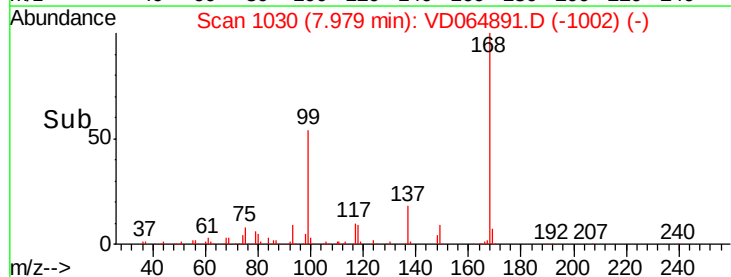


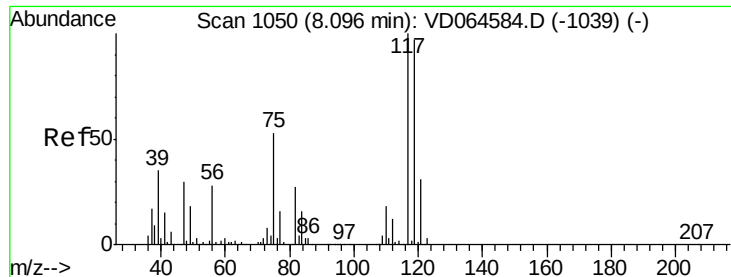
#36
 1,1-Dichloropropene
 Concen: 4.390 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064891.D
 Acq: 20 Jan 2020 15:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.1#
77	0.0	24.2	36.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC





#38

Carbon Tetrachloride

Concen: 5.417 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064891.D

Acq: 20 Jan 2020 15:35

Instrument :

MSVOA_D

ClientSampled :

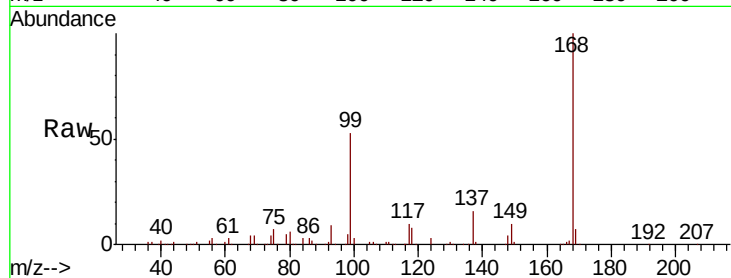
Tot Ion:117 Resp: 41954

Ion Ratio Lower Upper

117 100

119 3.4 77.3 115.9#

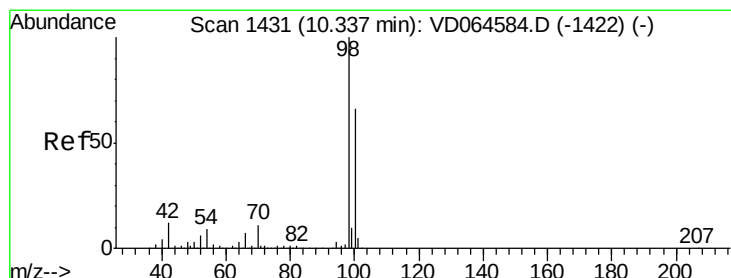
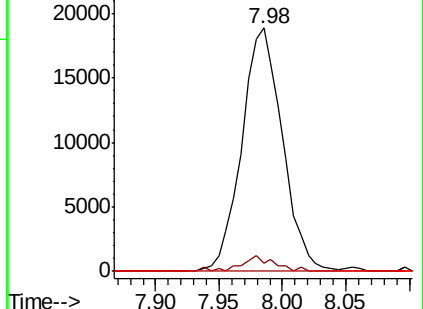
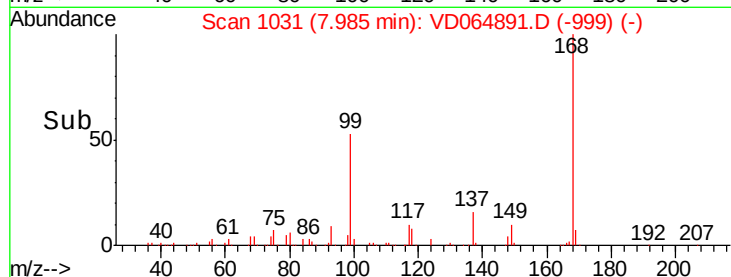
121 0.0 25.0 37.6#



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: 52.620 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064891.D

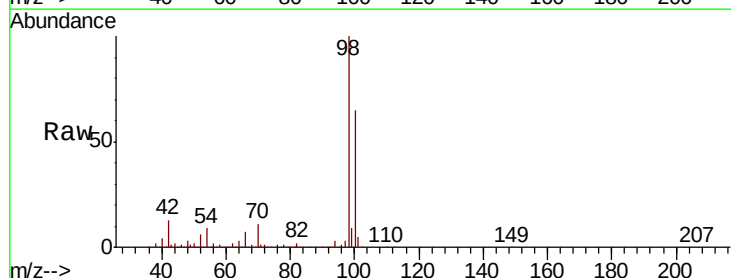
Acq: 20 Jan 2020 15:35

Tgt Ion: 98 Resp: 932985

Ion Ratio Lower Upper

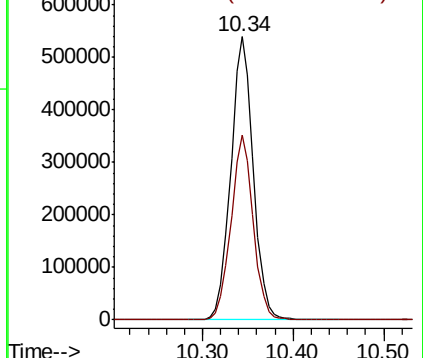
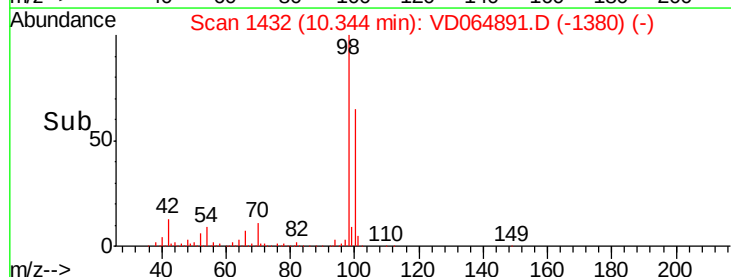
98 100

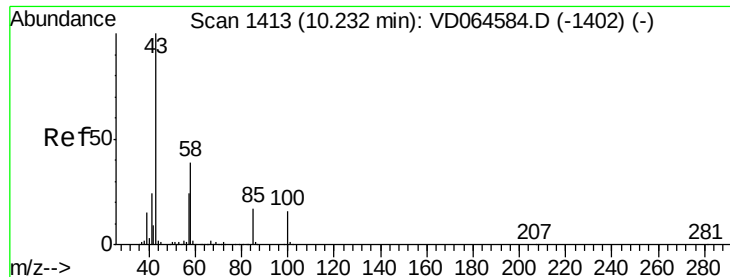
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

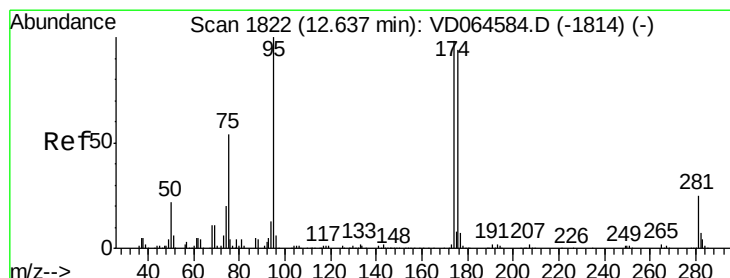
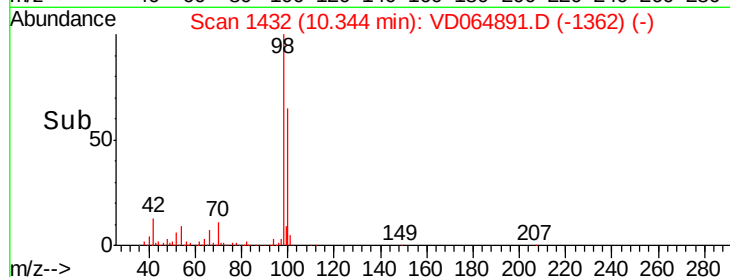
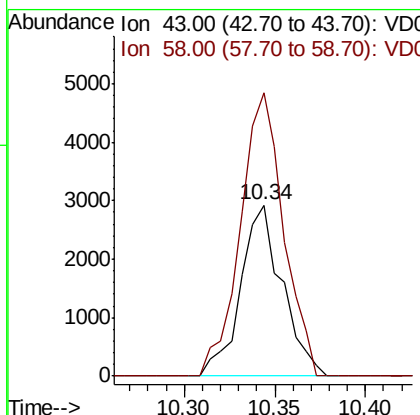
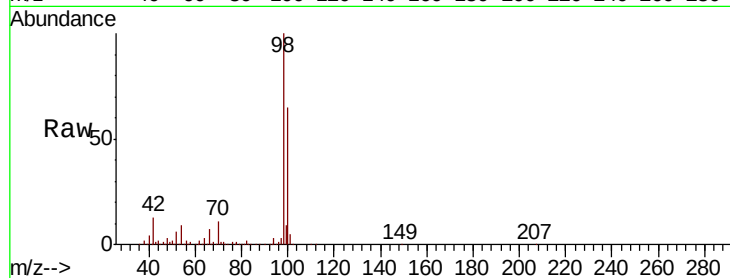




#51
4-Methyl-2-Pentanone
Concen: 1.653 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.11 min
Lab File: VD064891.D
Acq: 20 Jan 2020 15:35

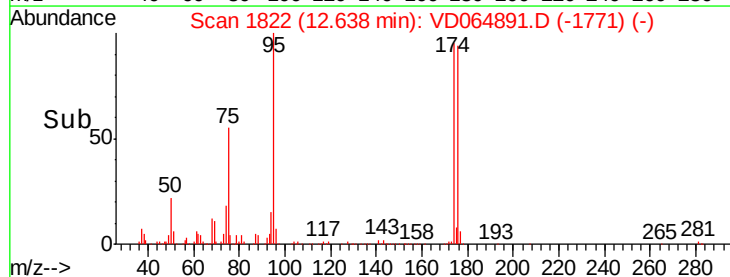
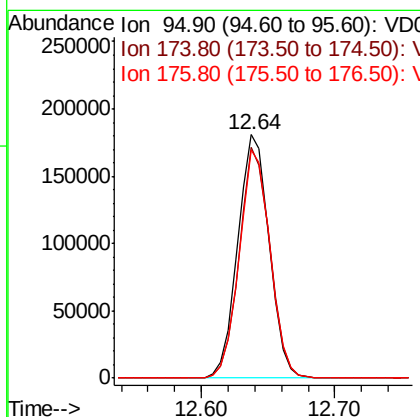
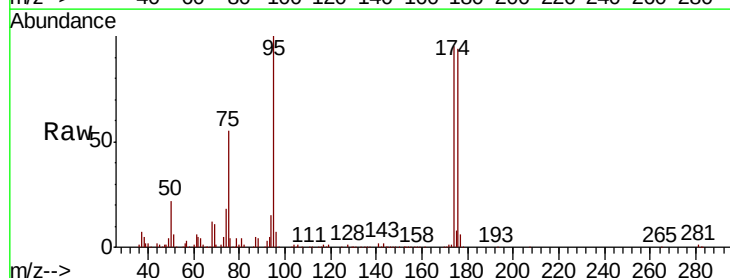
Instrument :
MSVOA_D
ClientSampled :

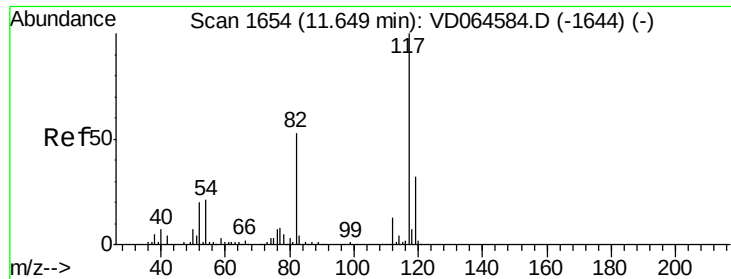
Tot Ion: 43 Resp: 4641
Ion Ratio Lower Upper
43 100
58 173.2 30.2 45.2#



#62
4-Bromofluorobenzene
Concen: 52.465 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064891.D
Acq: 20 Jan 2020 15:35

Tgt Ion: 95 Resp: 294153
Ion Ratio Lower Upper
95 100
174 92.2 0.0 193.2
176 91.8 0.0 184.2

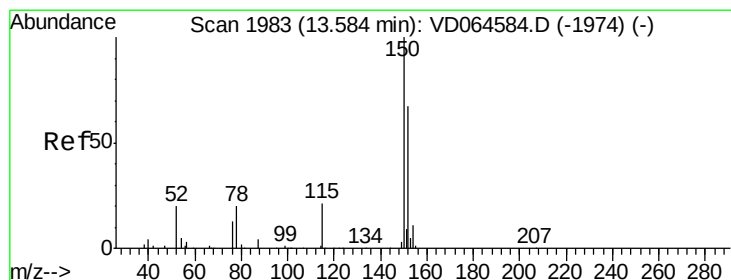
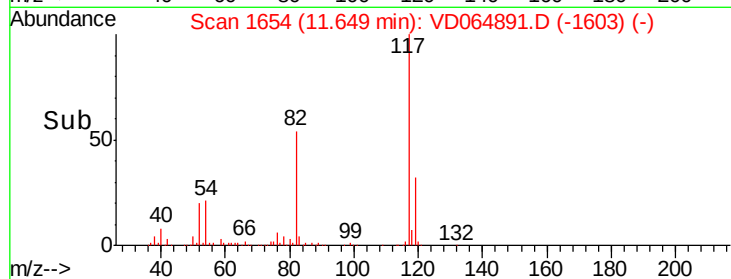
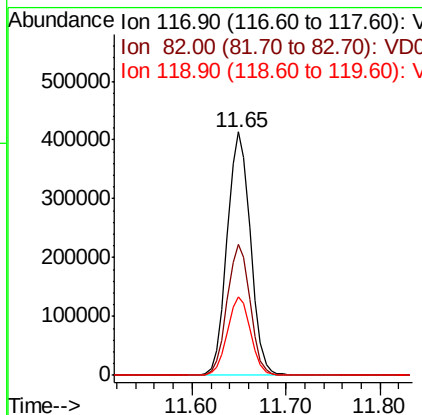
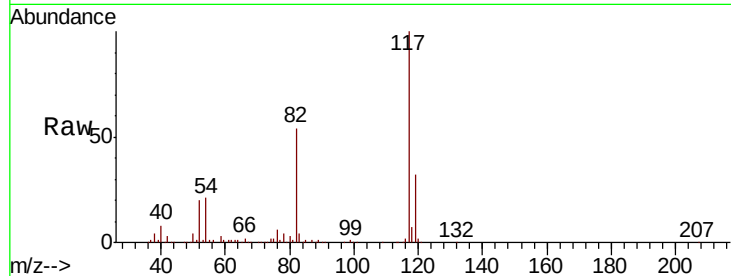




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064891.D
Acq: 20 Jan 2020 15:35

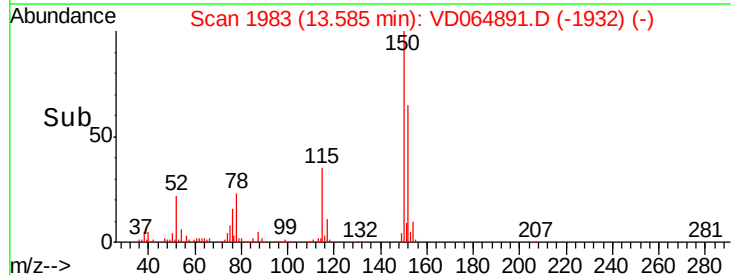
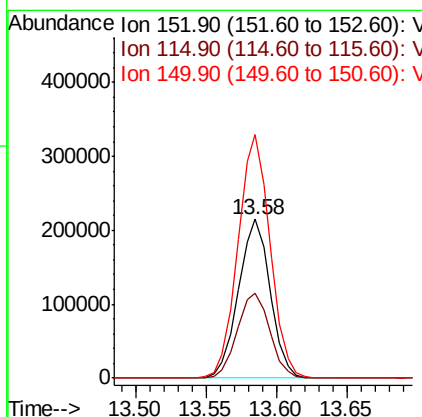
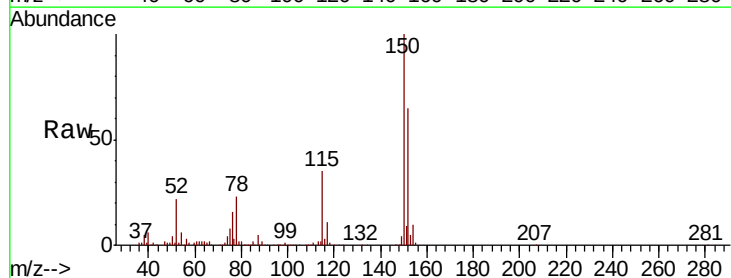
Instrument :
MSVOA_D
ClientSampled :

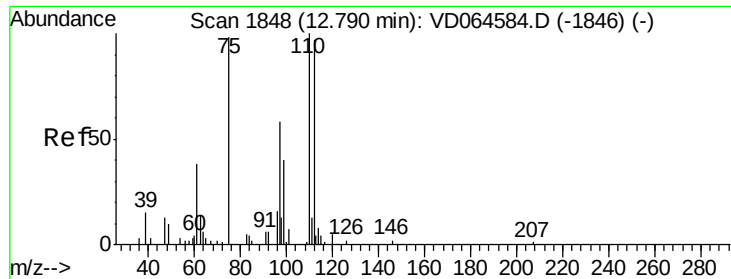
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.2	63.4
119	32.2	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064891.D
Acq: 20 Jan 2020 15:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.8	83.4
150	154.8	0.0	351.4

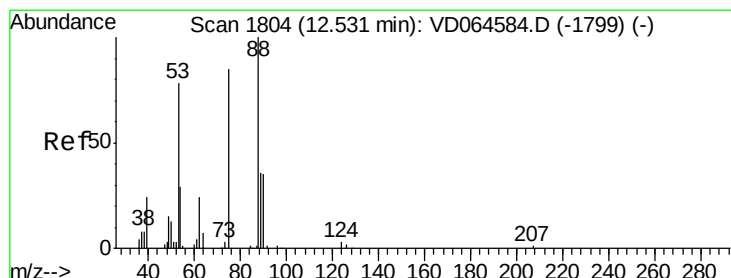
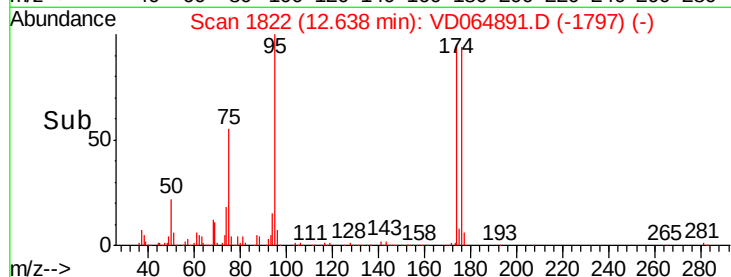
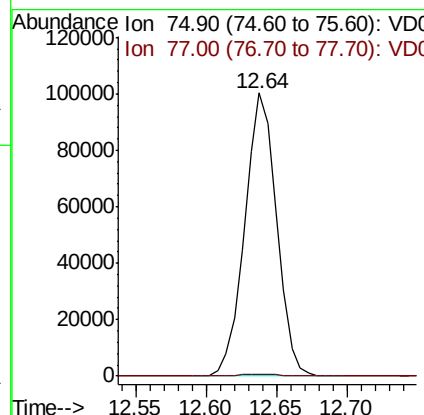
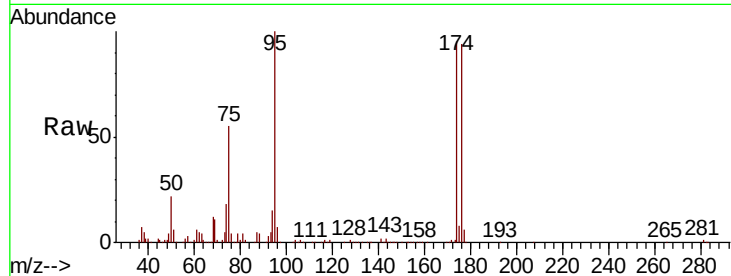




#76
 1,2,3-Trichloropropane
 Concen: 59.511 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064891.D
 Acq: 20 Jan 2020 15:35

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 158554
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.465 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064891.D
 Acq: 20 Jan 2020 15:35

Tgt Ion: 75 Resp: 158554
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.8 118.2#
 89 0.0 38.3 57.5#

