

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064894.D
 Acq On : 20 Jan 2020 17:01
 Operator : VA/SY
 Sample : L1189-06
 Misc : 5.75G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 21 04:10:51 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

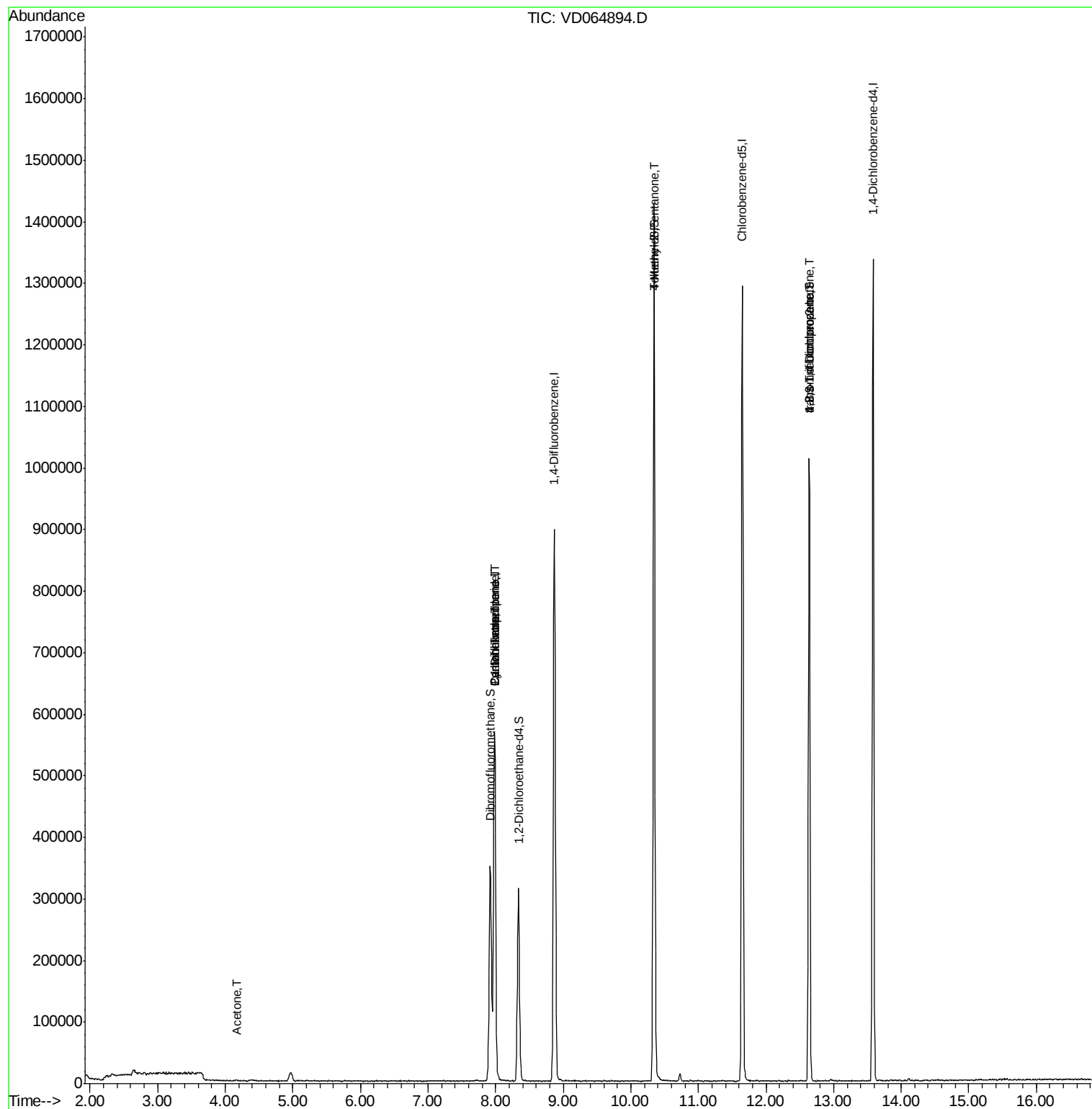
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	443926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	766245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	721481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	343808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	245125	62.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.24%	
35) Dibromofluoromethane	7.92	113	241864	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.34	98	938551	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.64	95	300800	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	2203	6.542	ug/l #	73
20) Methylene Chloride	4.97	84	10603	Below Cal		88
31) Cyclohexane	7.98	56	9361	1.283	ug/l #	10
36) 1,1-Dichloropropene	7.98	75	33272	4.511	ug/l #	49
38) Carbon Tetrachloride	7.99	117	44363	5.641	ug/l #	14
51) 4-Methyl-2-Pentanone	10.34	43	4287	1.504	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	162782	59.958	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	162782	125.401	ug/l #	10

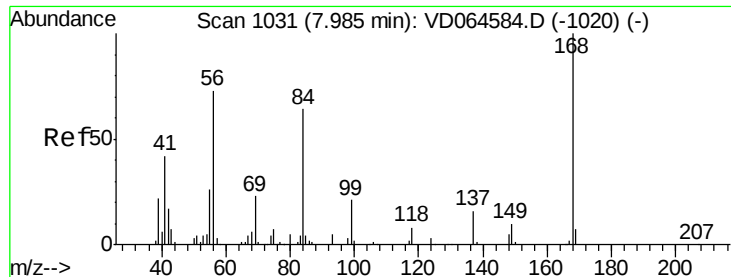
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012020\
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Misc : 5.75G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 21 04:10:51 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: VD064894.D

Acq: 20 Jan 2020 17:01

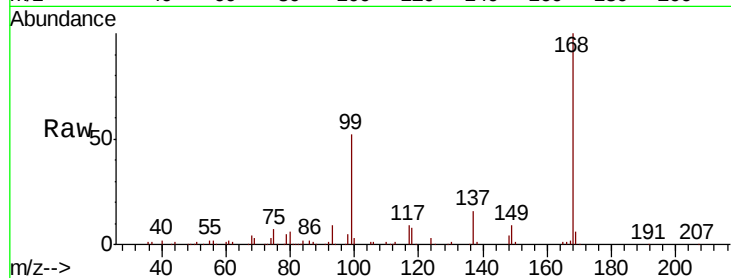
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 443926

Ion Ratio Lower Upper

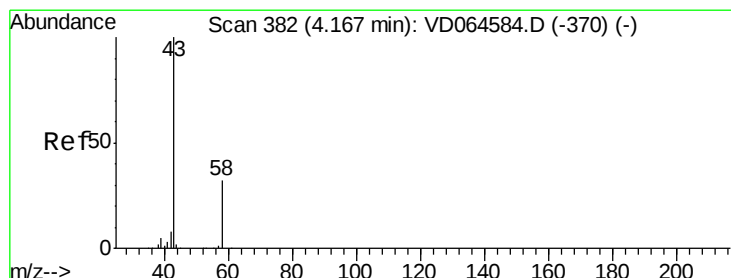
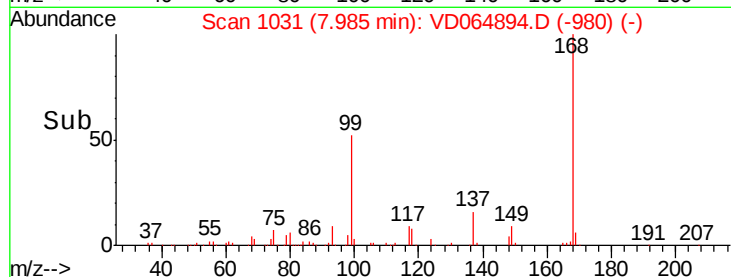
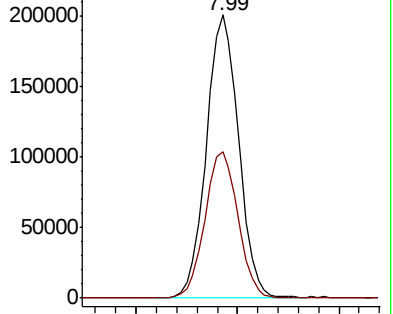
168 100

99 51.9 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: 6.542 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064894.D

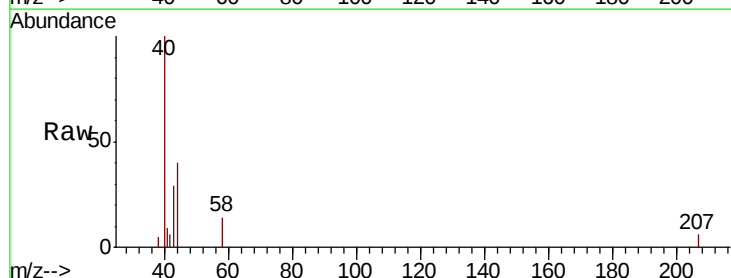
Acq: 20 Jan 2020 17:01

Tgt Ion: 43 Resp: 2203

Ion Ratio Lower Upper

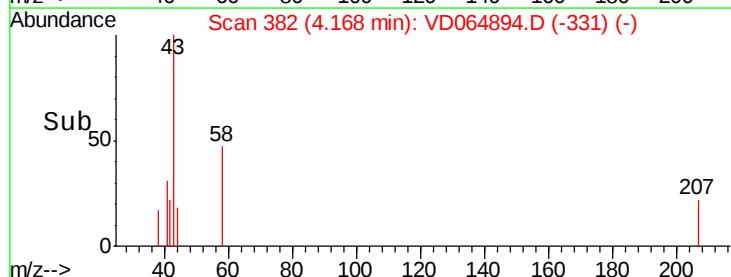
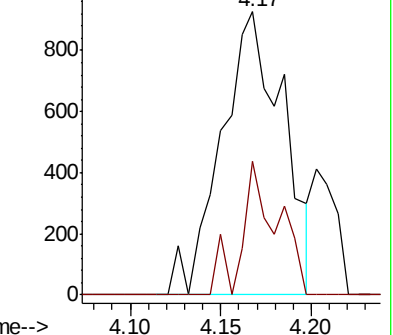
43 100

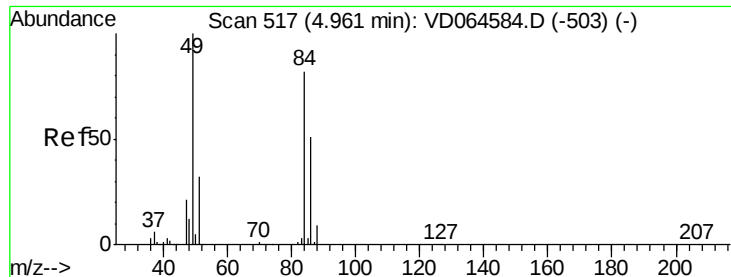
58 47.1 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

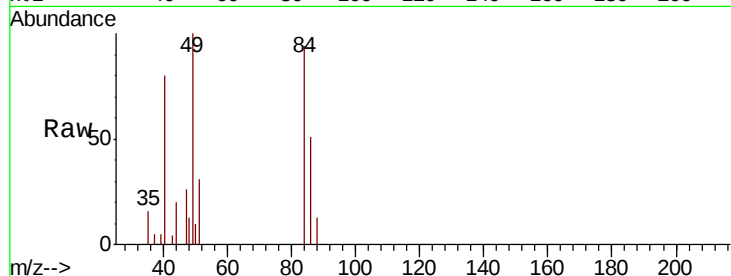




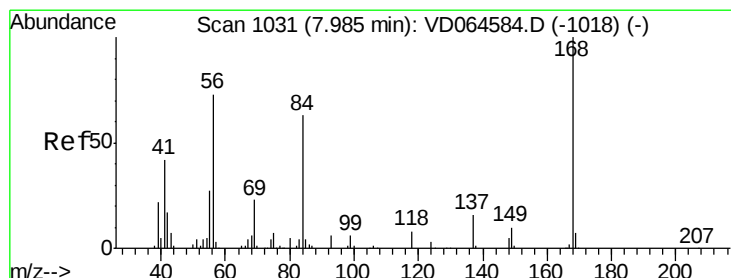
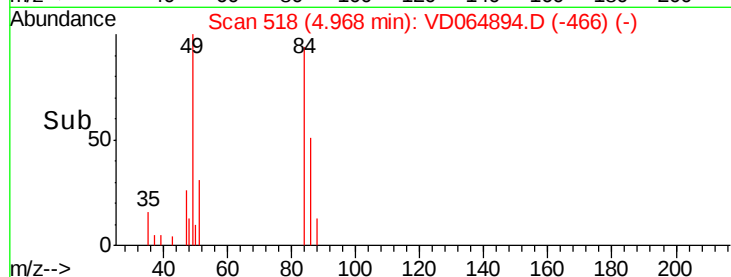
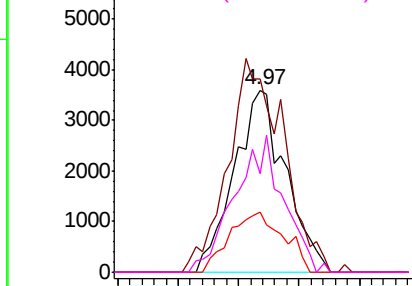
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064894.D
Acq: 20 Jan 2020 17:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	84	Resp	10603
Ion	Ratio	Lower	Upper
84	100		
49	106.2	97.2	145.8
51	33.1	31.4	47.0
86	54.0	49.3	73.9

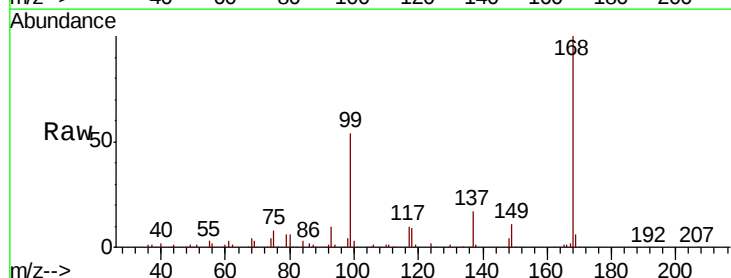


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

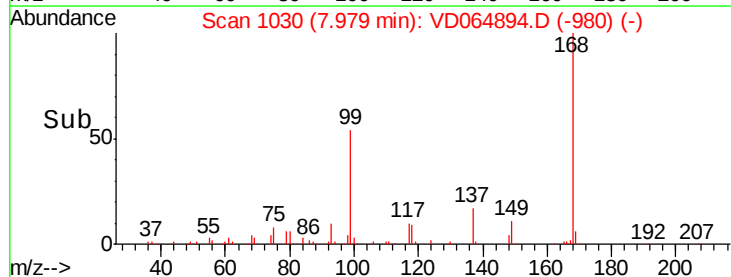
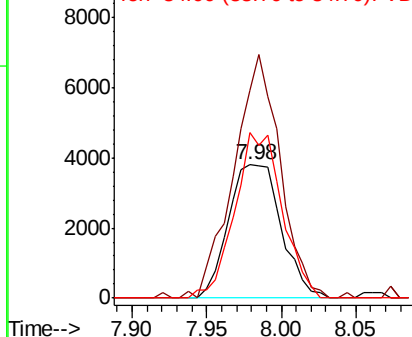


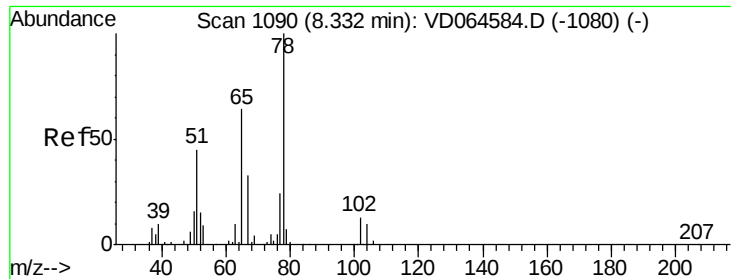
#31
Cyclohexane
Concen: 1.283 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064894.D
Acq: 20 Jan 2020 17:01

Tgt Ion	56	Resp	9361
Ion	Ratio	Lower	Upper
56	100		
69	155.4	24.7	37.1#
84	124.4	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

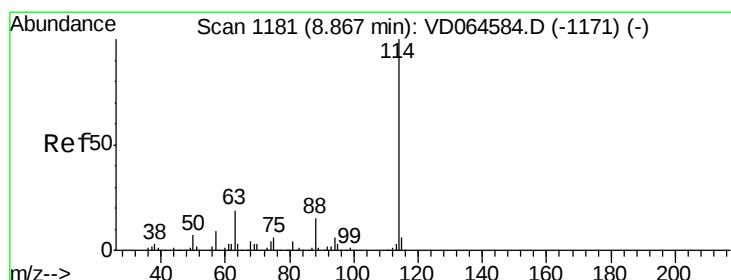
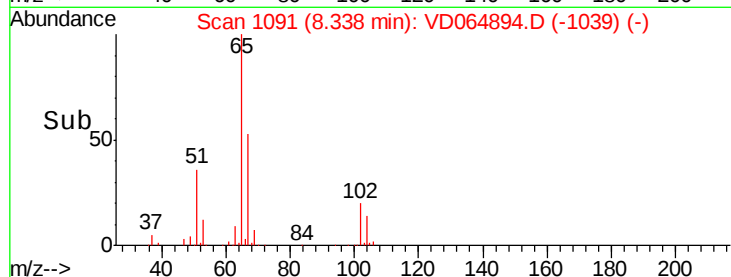
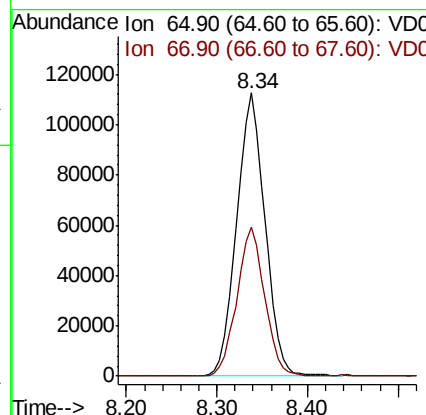
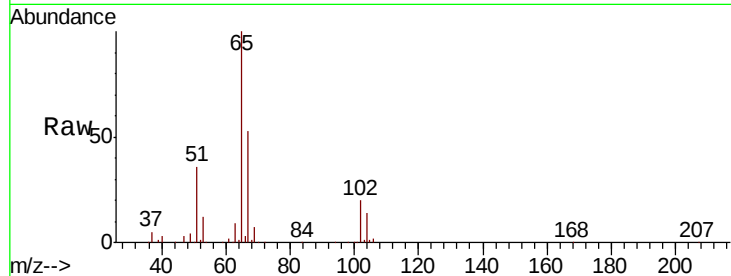




#33
 1,2-Dichloroethane-d4
 Concen: 62.620 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064894.D
 Acq: 20 Jan 2020 17:01

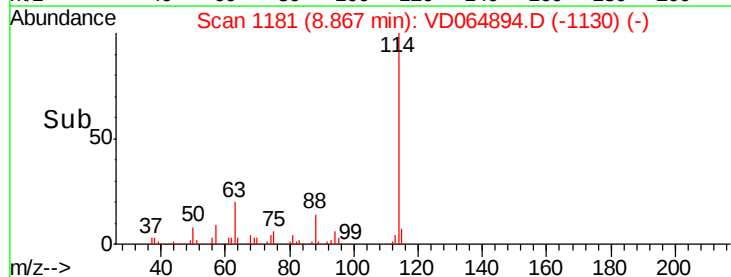
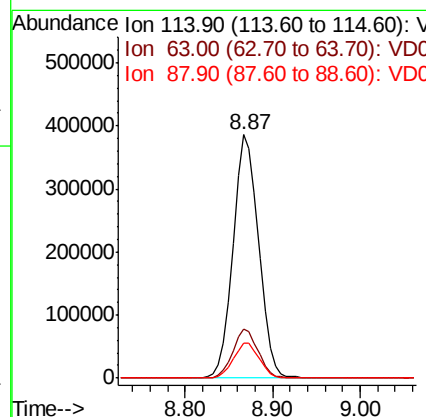
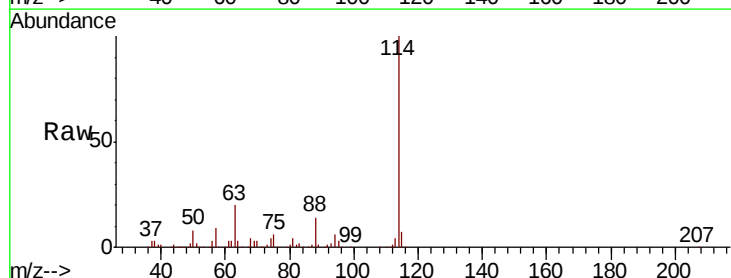
Instrument :
 MSVOA_D
 ClientSampleId :

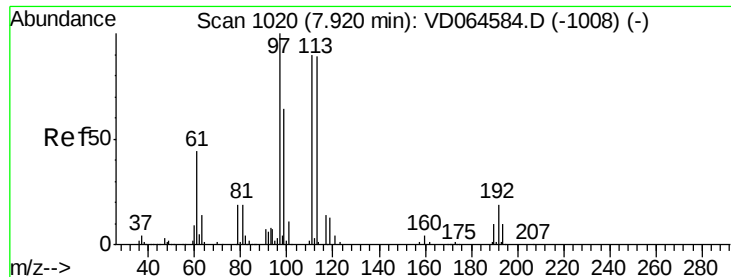
Tot Ion: 65 Resp: 245125
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064894.D
 Acq: 20 Jan 2020 17:01

Tgt Ion: 114 Resp: 766245
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.0
 88 14.2 0.0 29.2

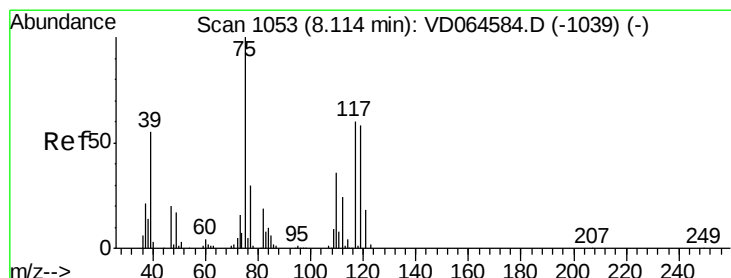
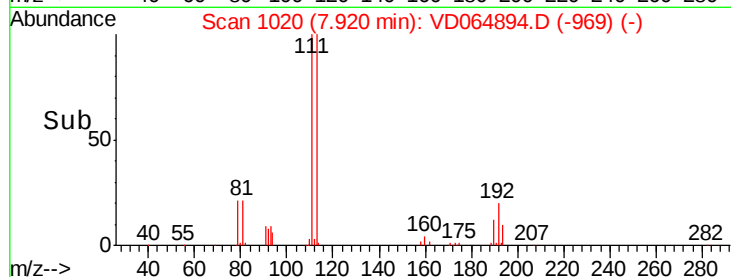
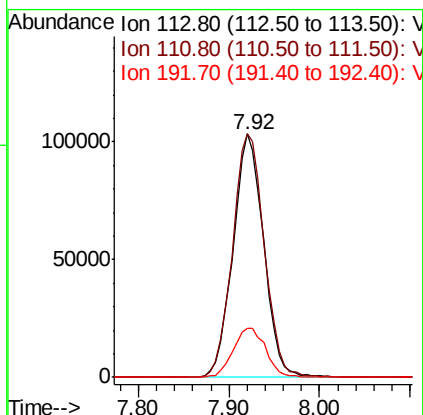
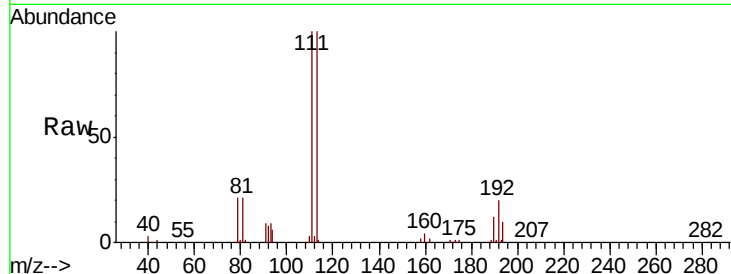




#35
 Dibromofluoromethane
 Concen: 51.449 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064894.D
 Acq: 20 Jan 2020 17:01

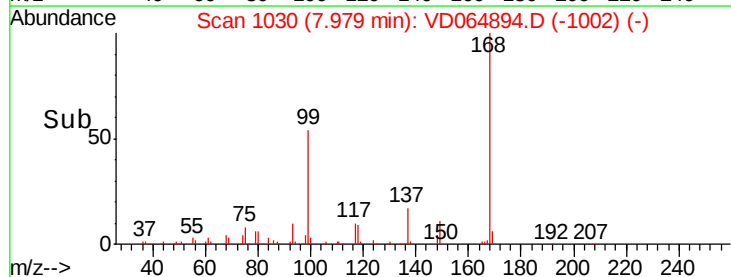
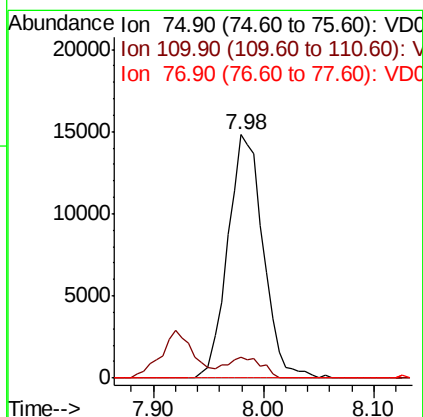
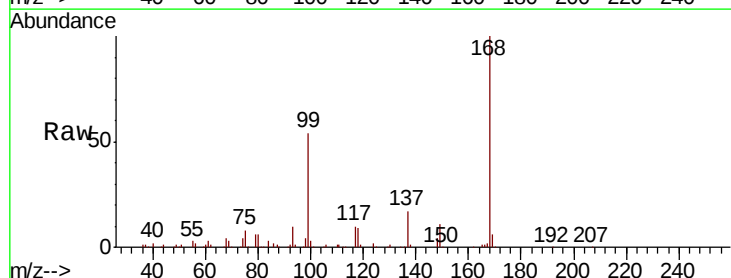
Instrument :
 MSVOA_D
 ClientSampled :

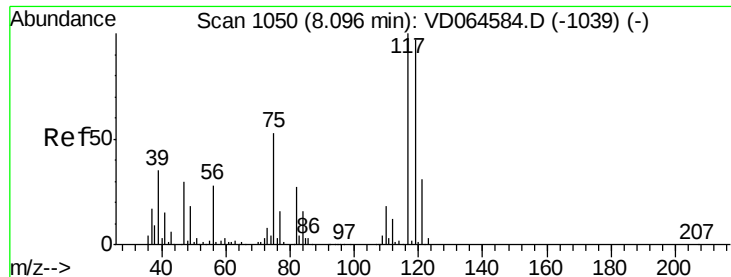
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.6	121.0
192	21.6	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.511 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064894.D
 Acq: 20 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.1#
77	0.0	24.2	36.4#

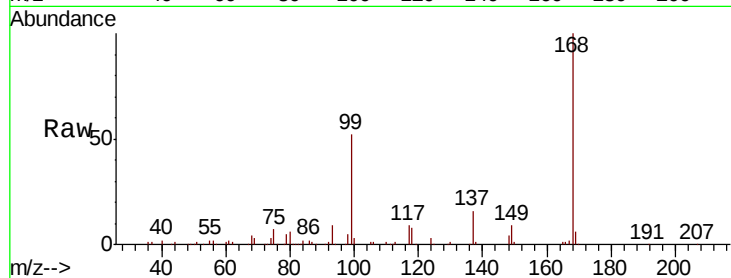




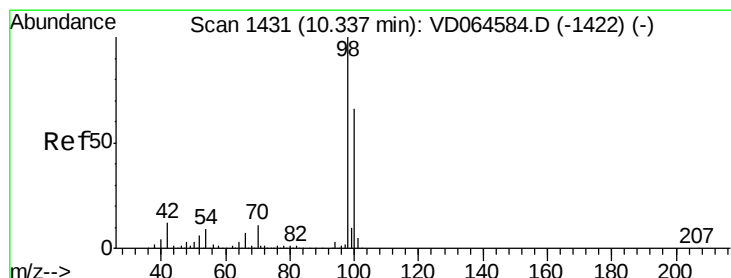
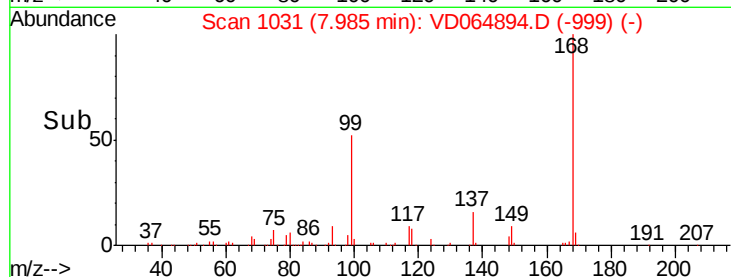
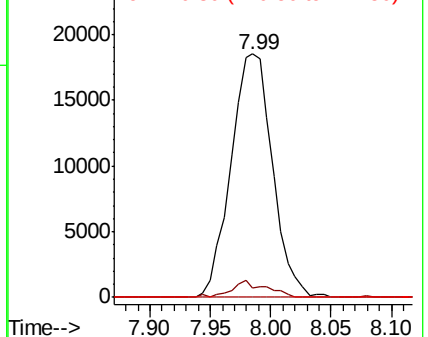
#38
Carbon Tetrachloride
Concen: 5.641 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064894.D
Acq: 20 Jan 2020 17:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 44363
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 25.0 37.6#

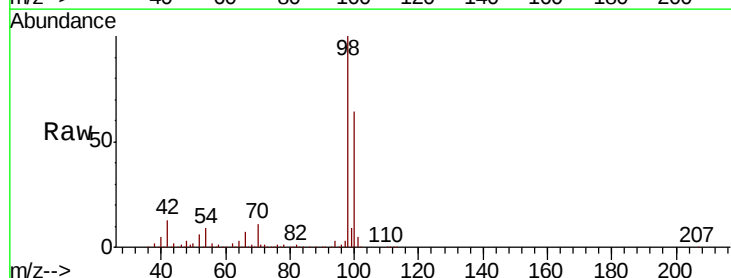


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

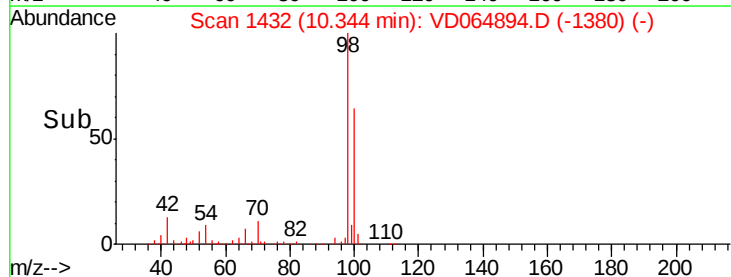
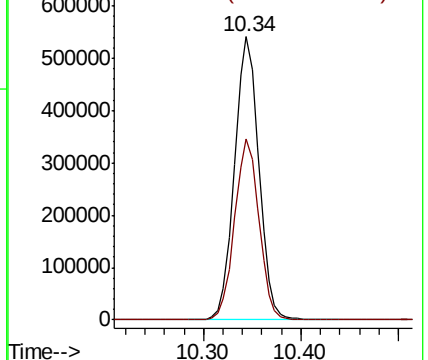


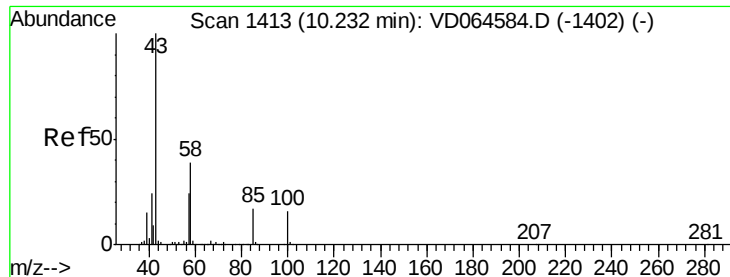
#50
Toluene-d8
Concen: 52.129 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064894.D
Acq: 20 Jan 2020 17:01

Tgt Ion: 98 Resp: 938551
Ion Ratio Lower Upper
98 100
100 64.2 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: 1.504 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.11 min

Lab File: VD064894.D

Acq: 20 Jan 2020 17:01

Instrument :

MSVOA_D

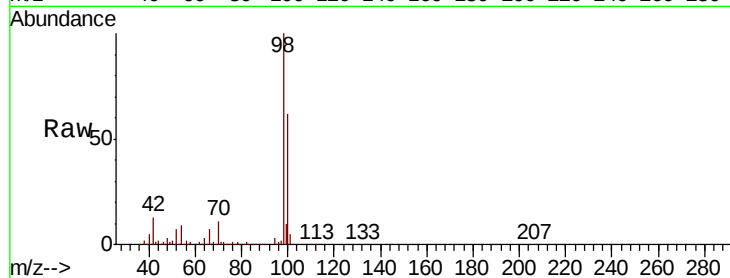
ClientSampleId :

Tot Ion: 43 Resp: 4287

Ion Ratio Lower Upper

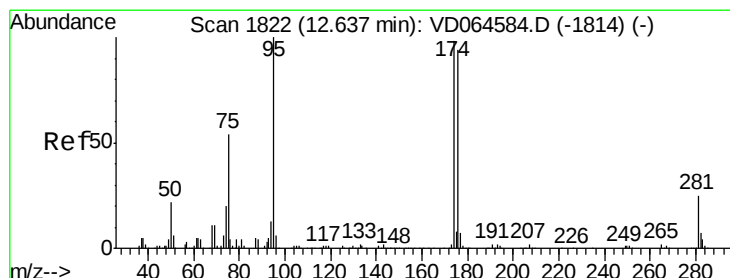
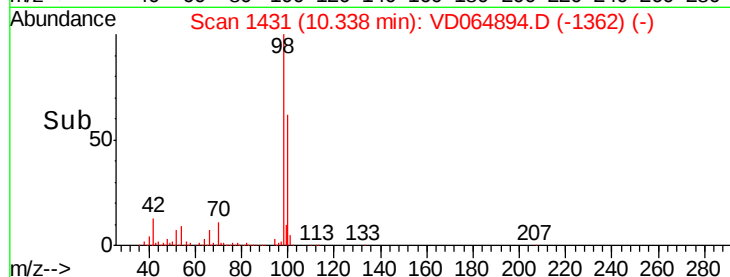
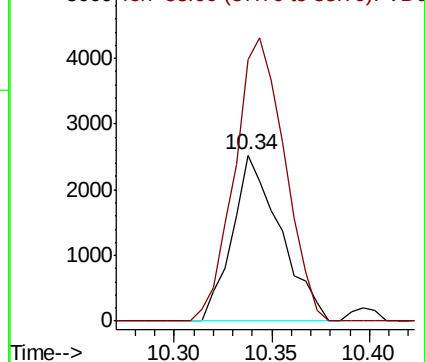
43 100

58 178.8 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 52.835 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064894.D

Acq: 20 Jan 2020 17:01

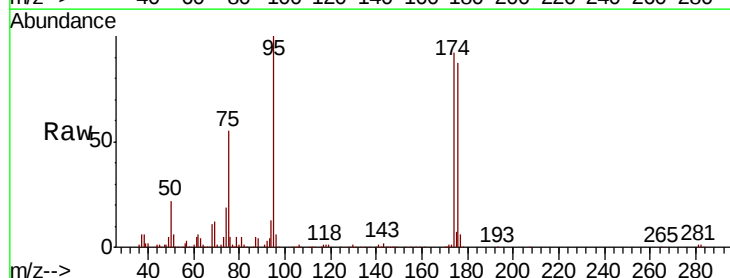
Tgt Ion: 95 Resp: 300800

Ion Ratio Lower Upper

95 100

174 93.3 0.0 193.2

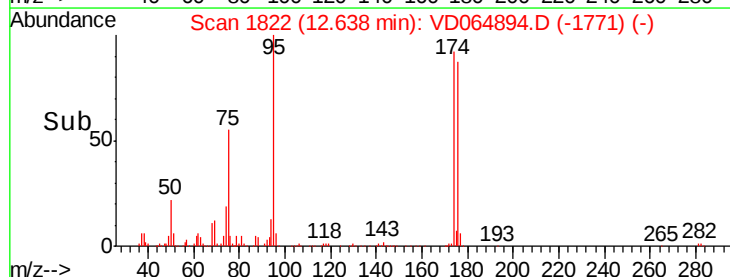
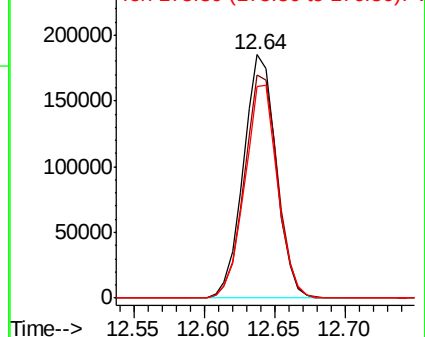
176 88.2 0.0 184.2

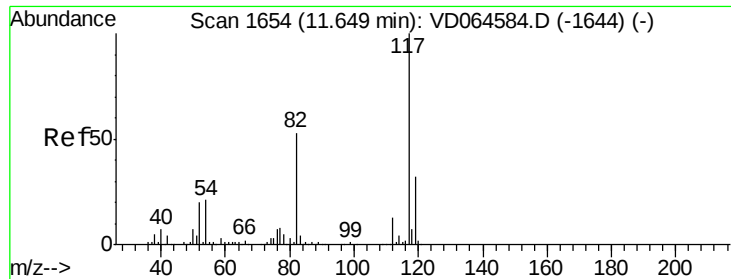


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

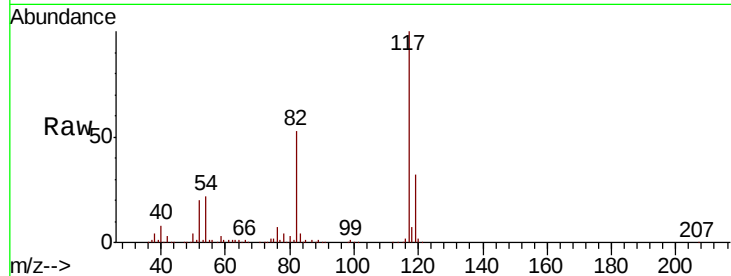




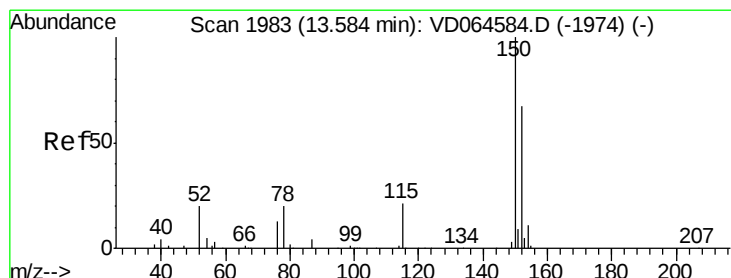
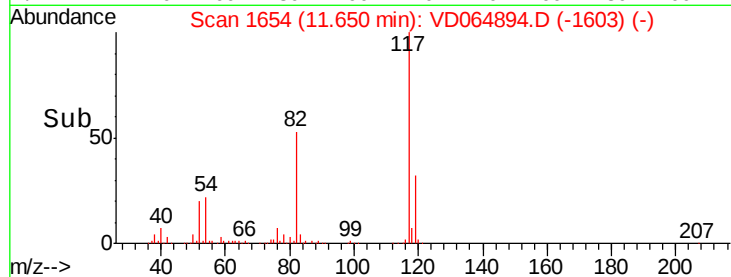
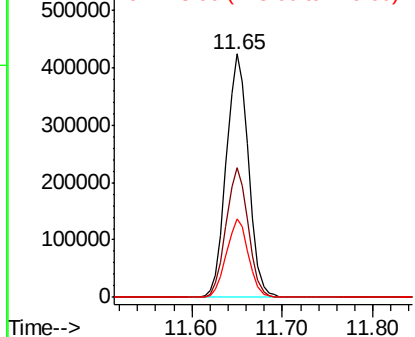
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064894.D
Acq: 20 Jan 2020 17:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 721481
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.4
119 32.3 26.0 39.0

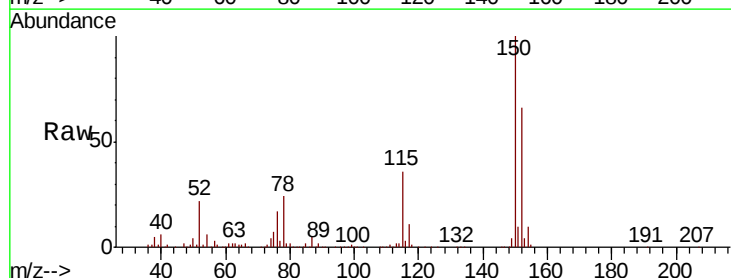


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

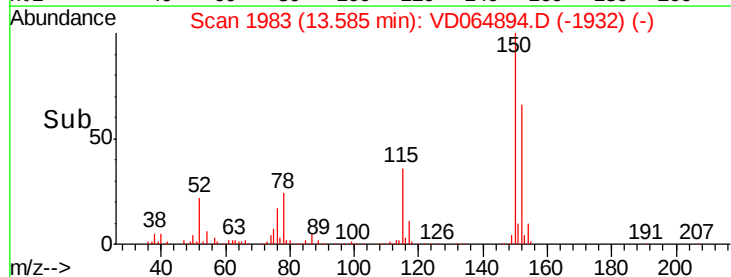
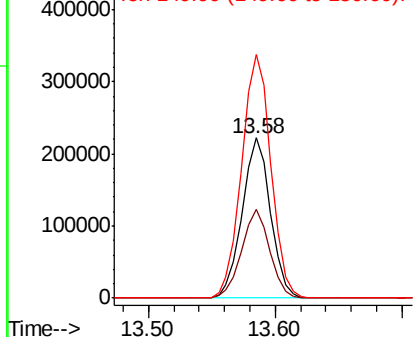


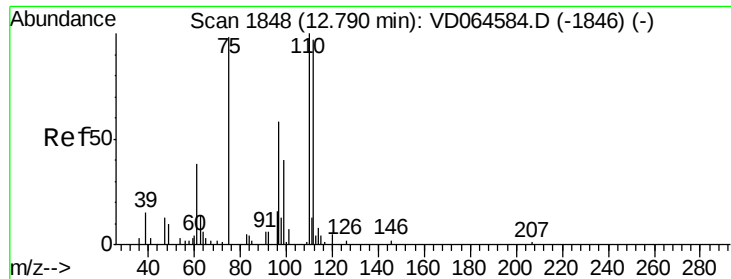
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064894.D
Acq: 20 Jan 2020 17:01

Tgt Ion:152 Resp: 343808
Ion Ratio Lower Upper
152 100
115 55.0 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: 59.958 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064894.D

Acq: 20 Jan 2020 17:01

Instrument :

MSVOA_D

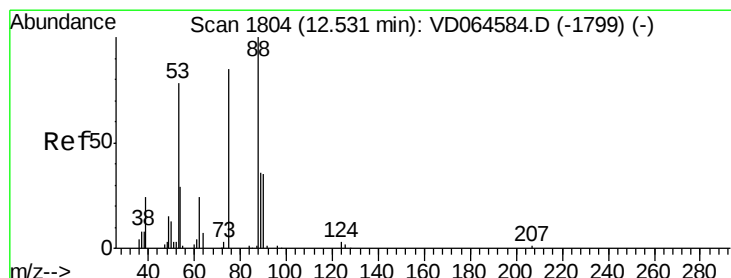
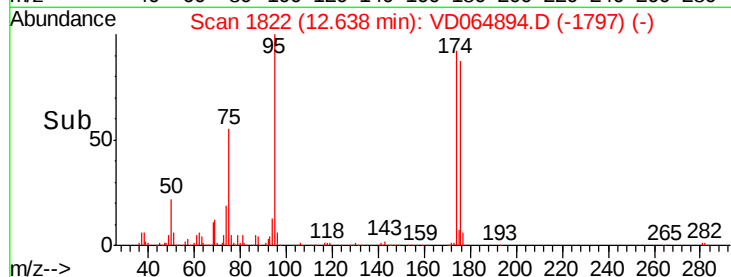
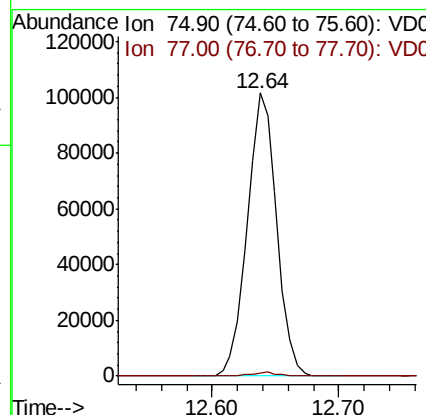
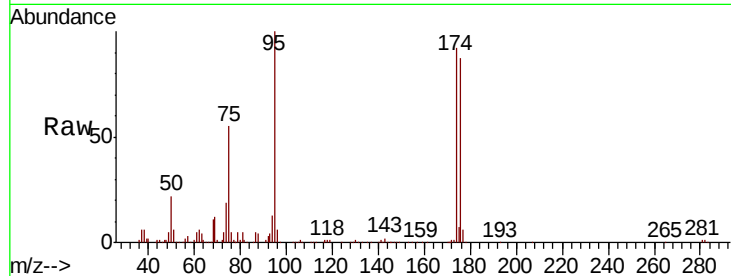
ClientSampled :

Tot Ion: 75 Resp: 162782

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.401 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064894.D

Acq: 20 Jan 2020 17:01

Tgt Ion: 75 Resp: 162782

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.0 38.3 57.5#

