

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012120\
 Data File : VD064905.D
 Acq On : 21 Jan 2020 11:47
 Operator : VA/SY
 Sample : L1189-03
 Misc : 6.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 22 05:27:03 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

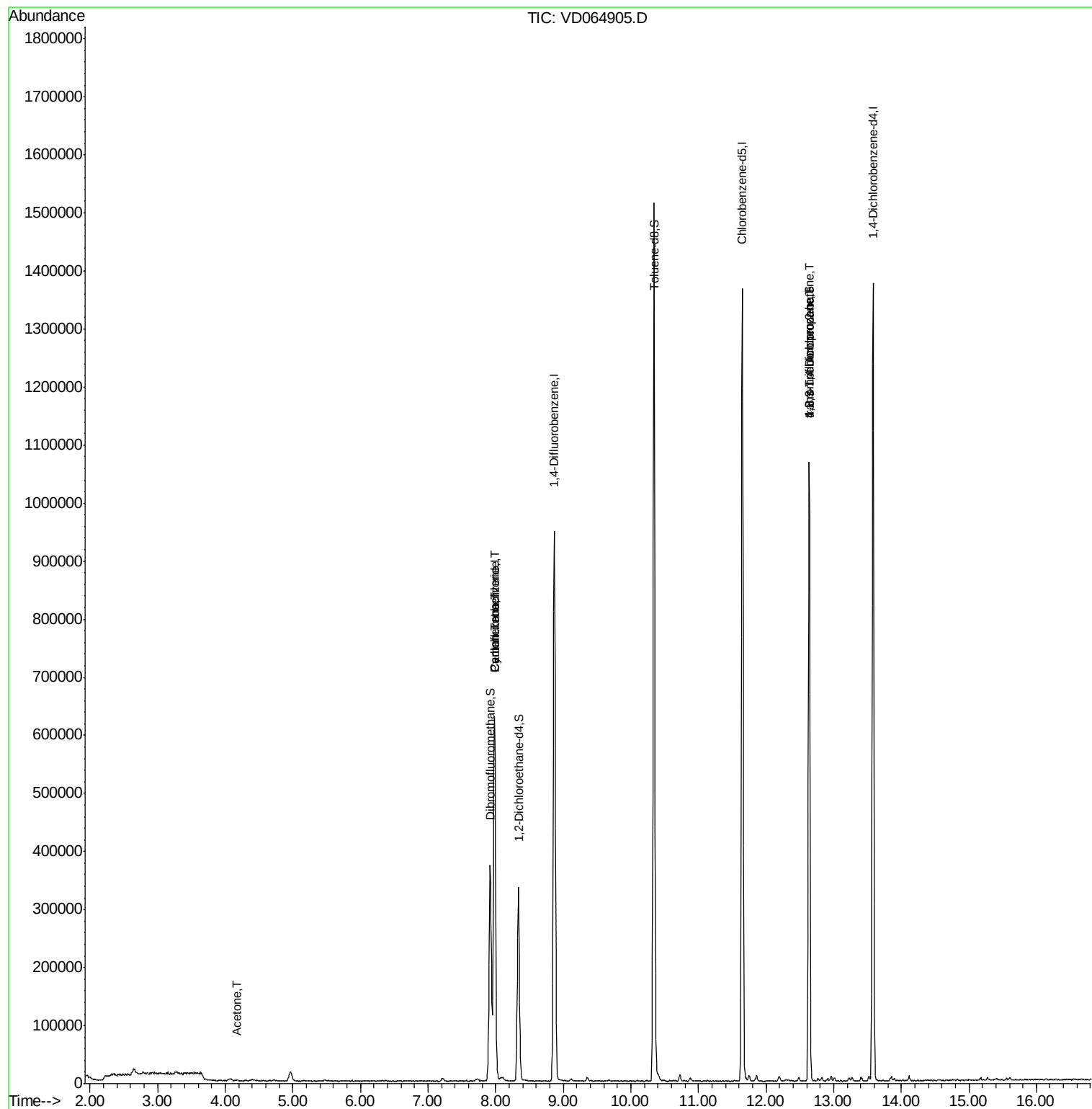
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	481959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	810172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	750363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	359465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	253489	59.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.30%	
35) Dibromofluoromethane	7.92	113	257627	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
50) Toluene-d8	10.34	98	995093	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.64	95	316750	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	792	4.972	ug/l	94
20) Methylene Chloride	4.97	84	12670	Below Cal		88
31) Cyclohexane	7.98	56	13418	1.693	ug/l #	43
38) Carbon Tetrachloride	7.98	117	46327	5.572	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	171633	60.465	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	171633	126.460	ug/l #	10

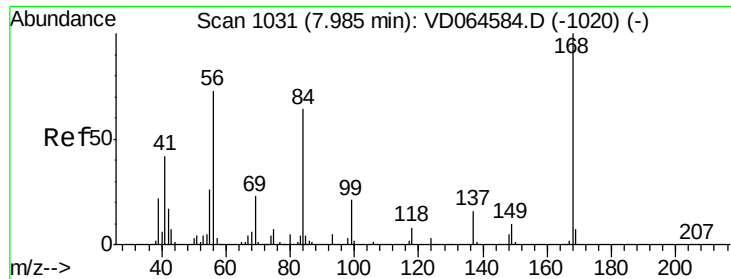
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1030

Delta R.T. -0.01 min

Lab File: VD064905.D

Acq: 21 Jan 2020 11:47

Instrument :

MSVOA_D

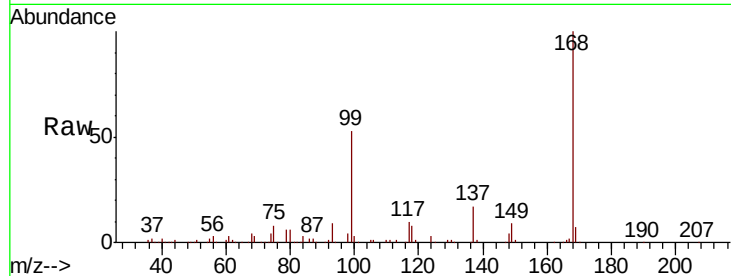
ClientSampled :

Tot Ion:168 Resp: 481959

Ion Ratio Lower Upper

168 100

99 52.7 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

250000

200000

150000

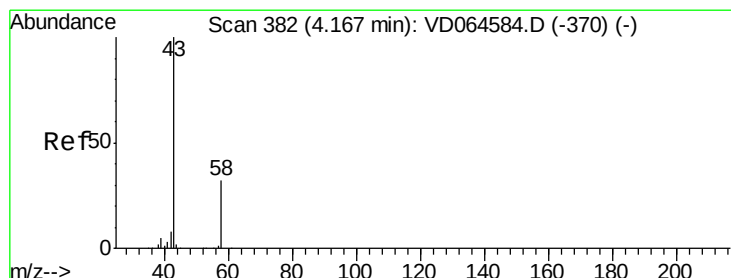
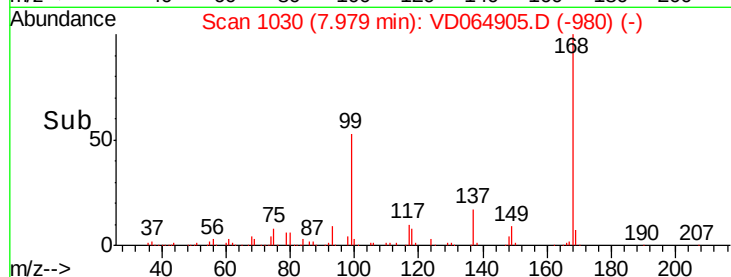
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 4.972 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064905.D

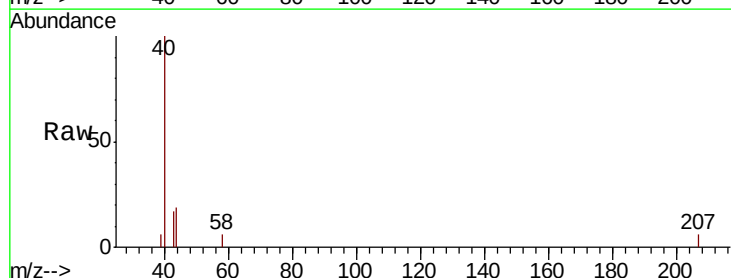
Acq: 21 Jan 2020 11:47

Tgt Ion: 43 Resp: 792

Ion Ratio Lower Upper

43 100

58 35.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

800

600

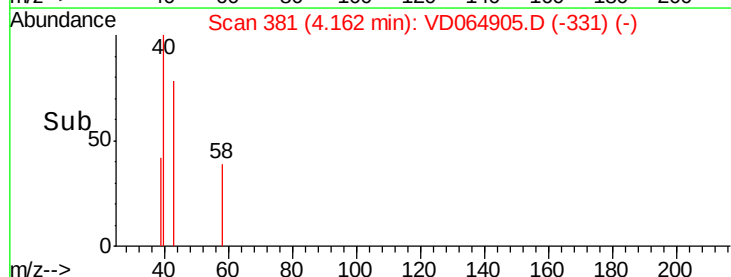
400

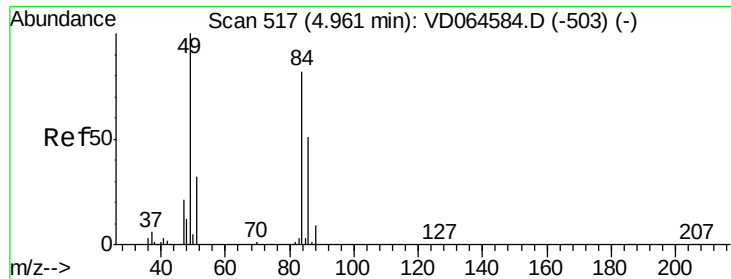
200

0

Time-->

4.12 4.14 4.16 4.18

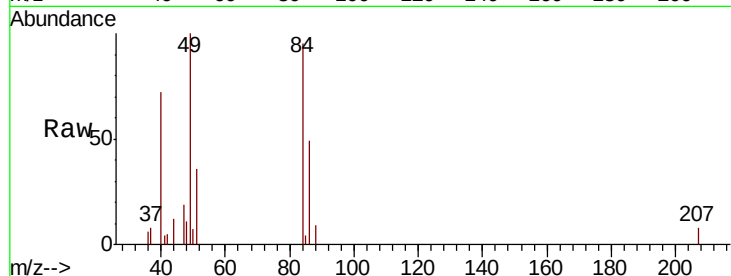




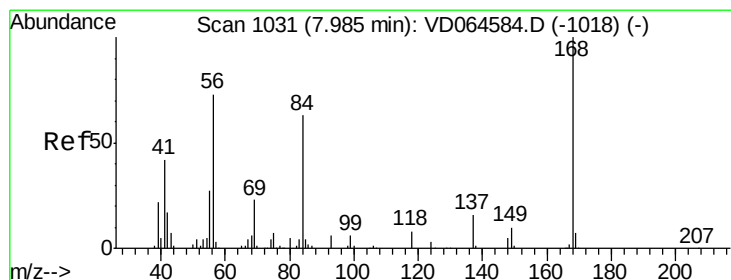
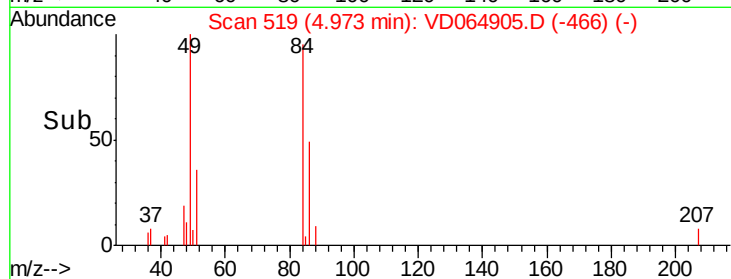
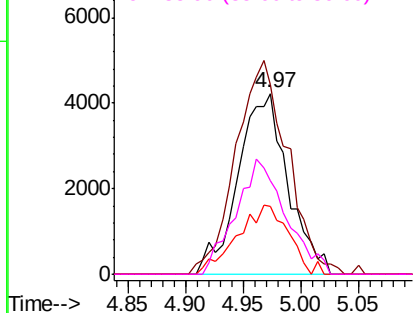
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064905.D
Acq: 21 Jan 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 12670
Ion Ratio Lower Upper
84 100
49 104.8 97.2 145.8
51 37.3 31.4 47.0
86 51.6 49.3 73.9

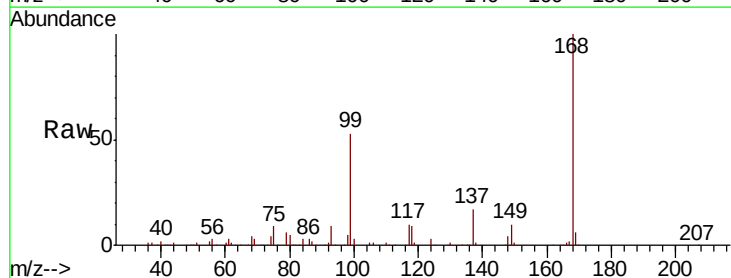


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

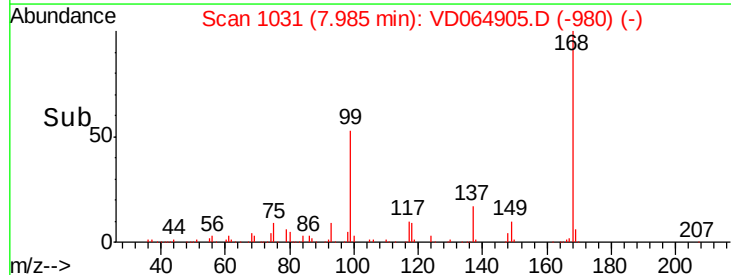
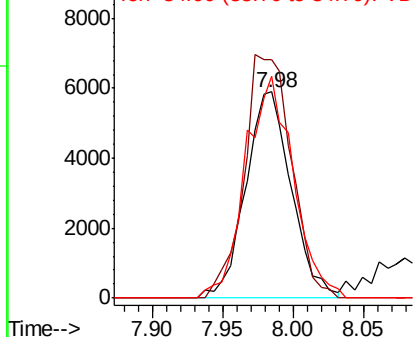


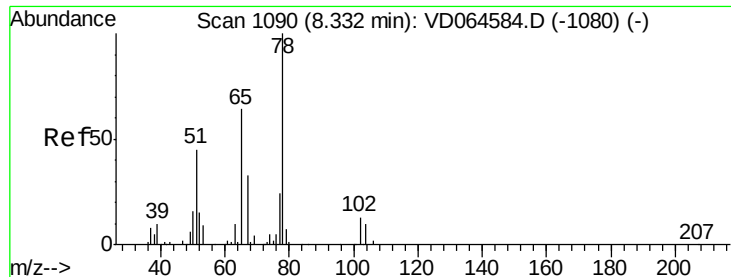
#31
Cyclohexane
Concen: 1.693 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064905.D
Acq: 21 Jan 2020 11:47

Tgt Ion: 56 Resp: 13418
Ion Ratio Lower Upper
56 100
69 115.8 24.7 37.1#
84 107.7 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

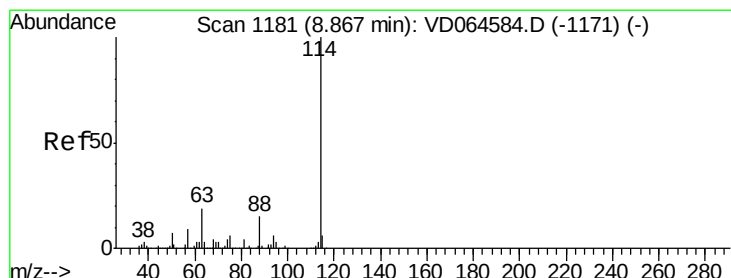
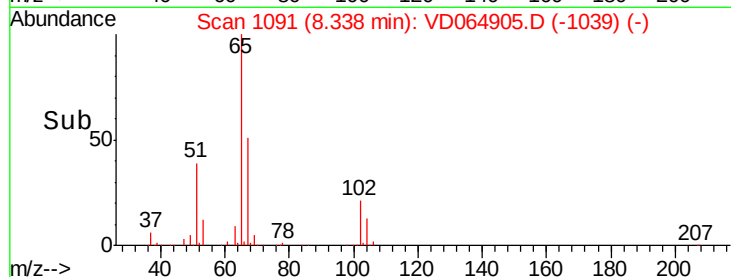
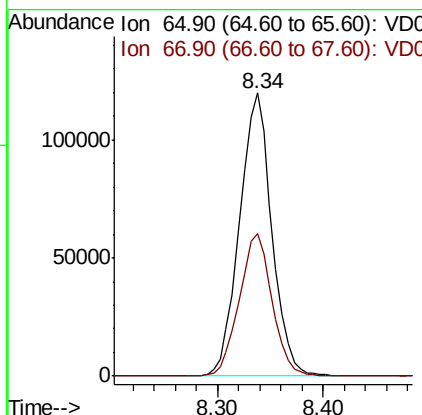
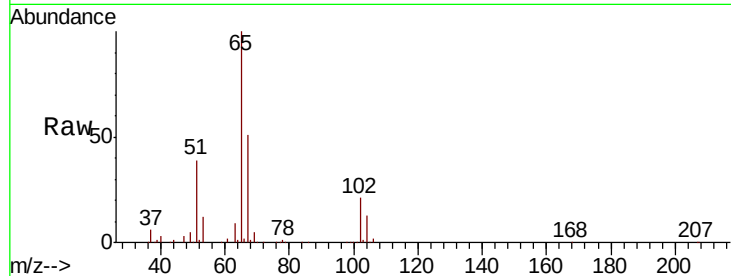




#33
 1,2-Dichloroethane-d4
 Concen: 59.646 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064905.D
 Acq: 21 Jan 2020 11:47

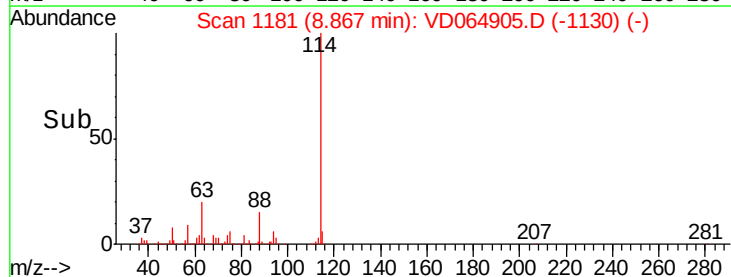
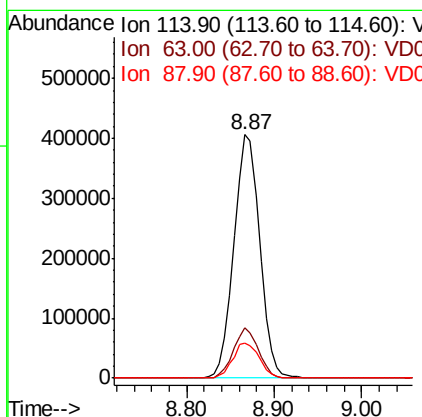
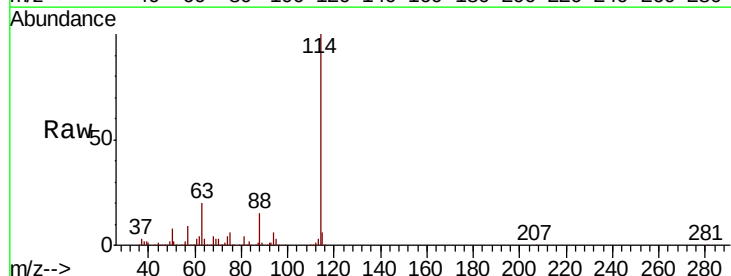
Instrument :
 MSVOA_D
 ClientSampleId :

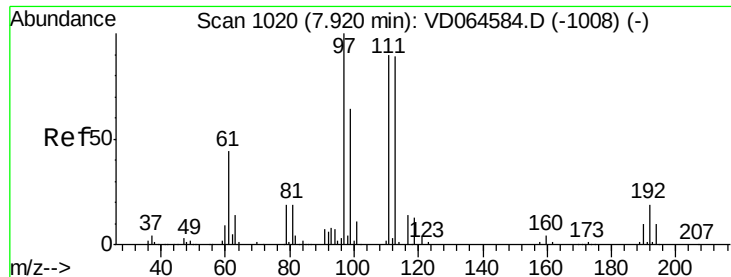
Tot Ion: 65 Resp: 253489
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064905.D
 Acq: 21 Jan 2020 11:47

Tgt Ion: 114 Resp: 810172
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.0
 88 14.5 0.0 29.2

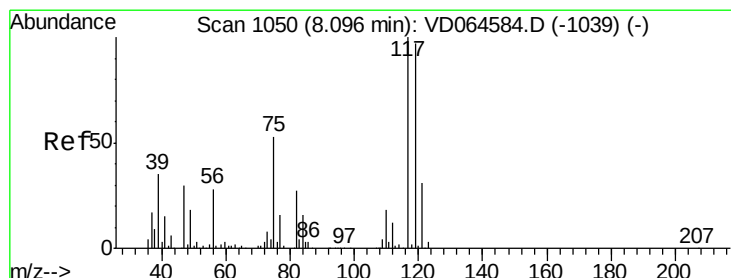
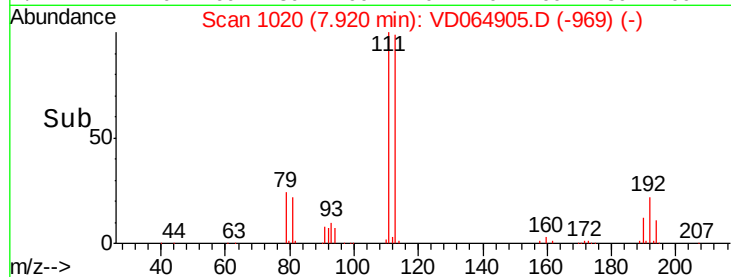
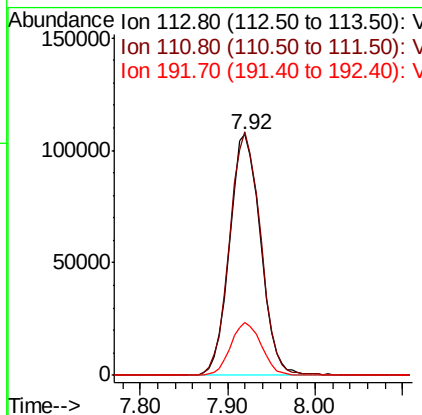
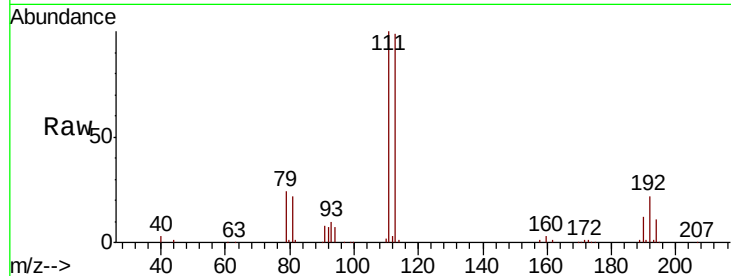




#35
Dibromofluoromethane
Concen: 51.831 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064905.D
Acq: 21 Jan 2020 11:47

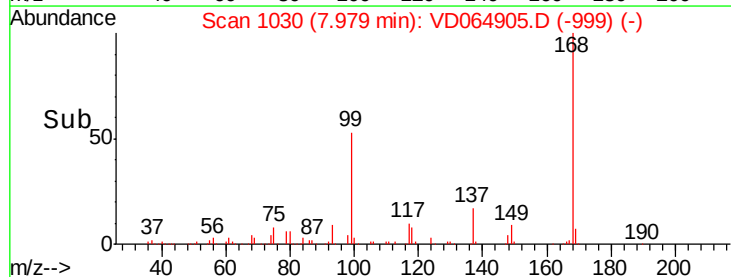
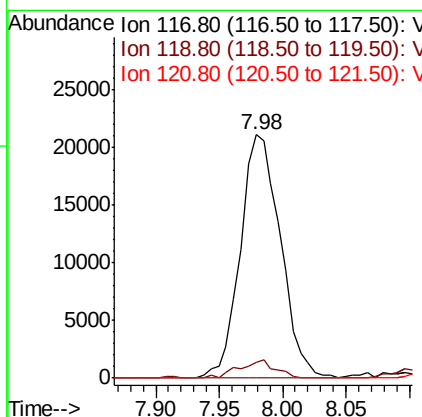
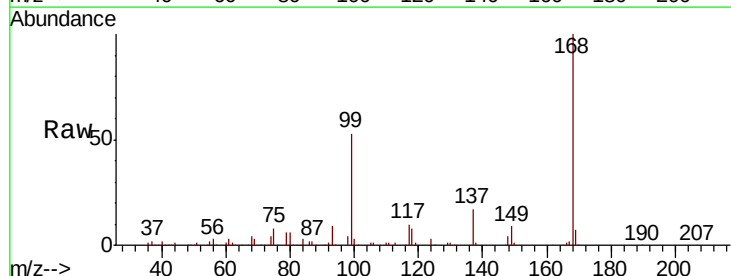
Instrument :
MSVOA_D
ClientSampled :

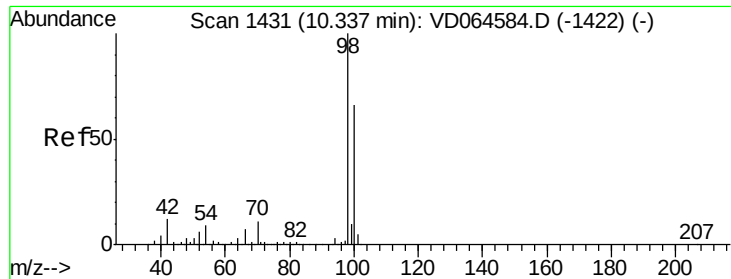
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.6	121.0
192	21.7	17.9	26.9



#38
Carbon Tetrachloride
Concen: 5.572 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064905.D
Acq: 21 Jan 2020 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.3	115.9#
121	0.0	25.0	37.6#

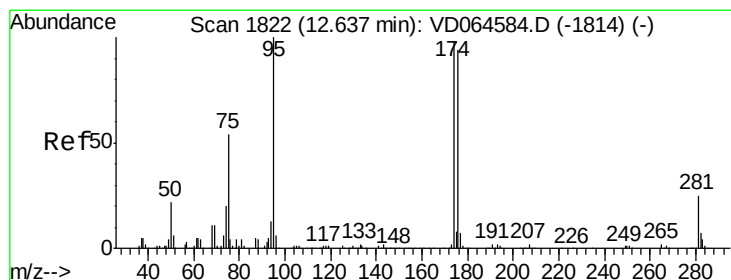
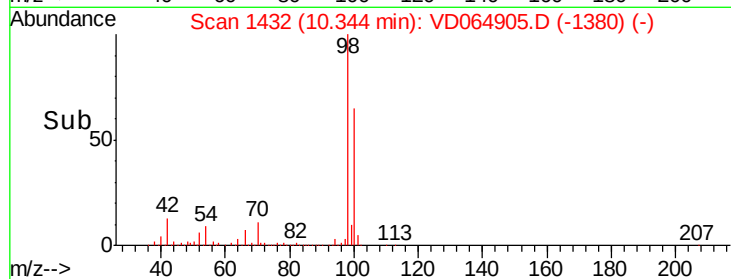
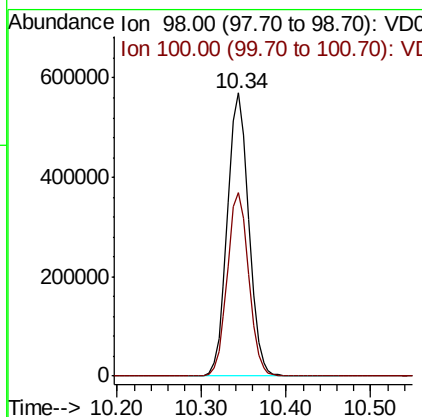
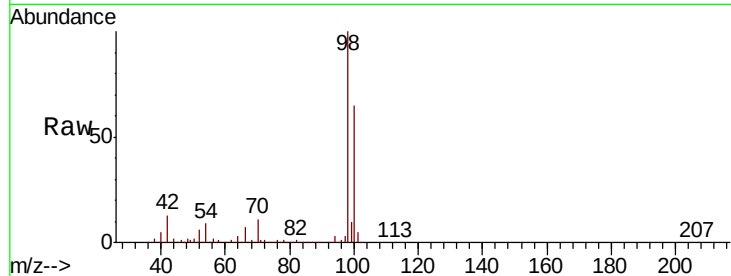




#50
Toluene-d8
Concen: 52.272 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064905.D
Acq: 21 Jan 2020 11:47

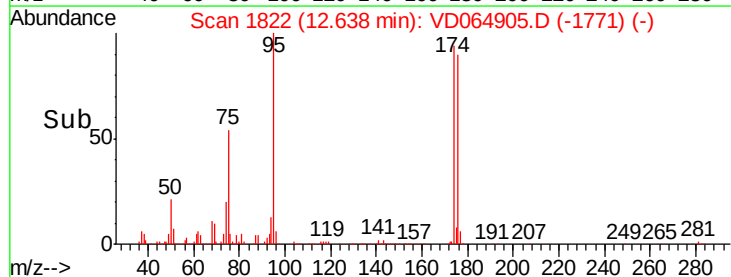
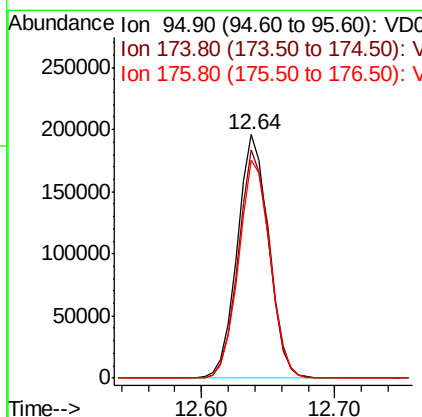
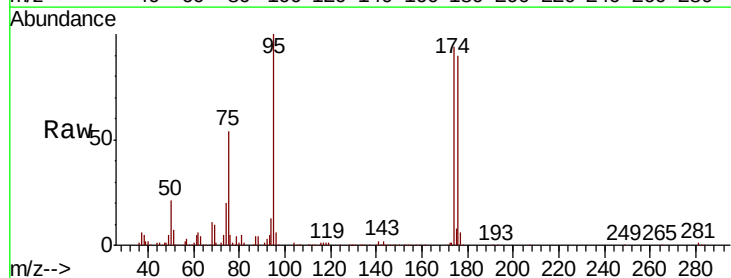
Instrument :
MSVOA_D
ClientSampleId :

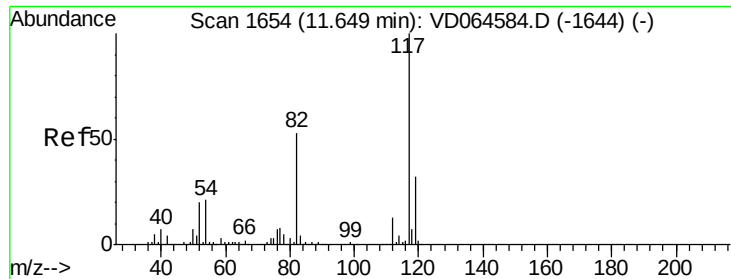
Tot Ion: 98 Resp: 995093
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.620 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064905.D
Acq: 21 Jan 2020 11:47

Tgt Ion: 95 Resp: 316750
Ion Ratio Lower Upper
95 100
174 94.2 0.0 193.2
176 90.1 0.0 184.2

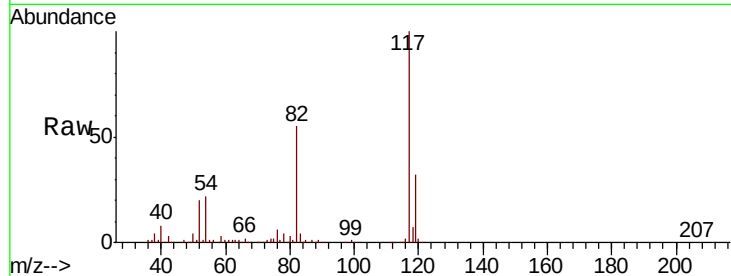




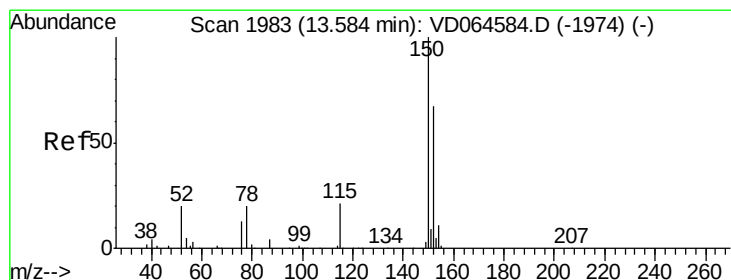
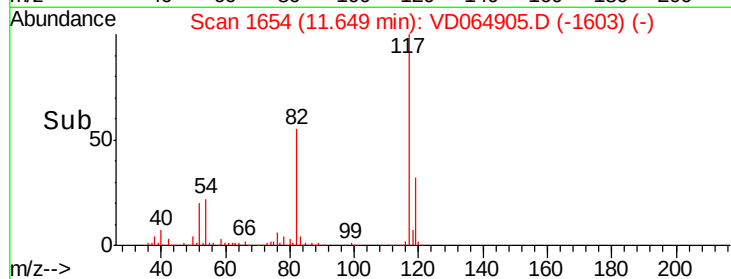
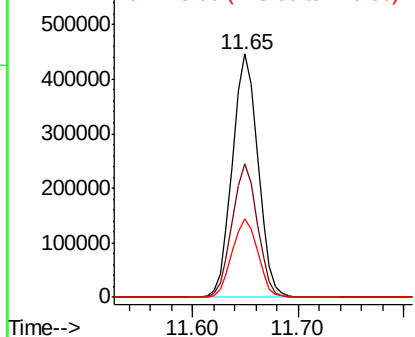
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064905.D
Acq: 21 Jan 2020 11:47

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.2	63.4
119	32.2	26.0	39.0

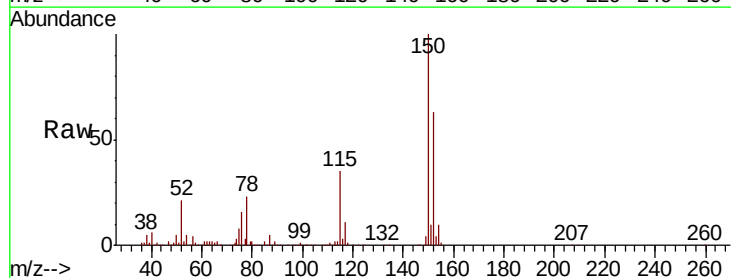


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

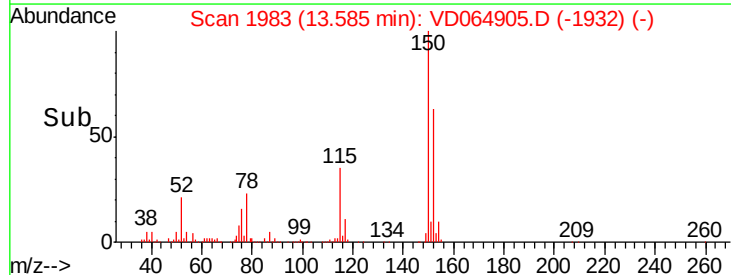
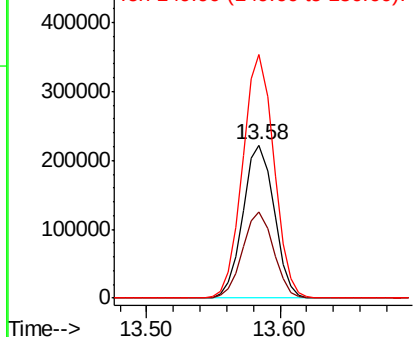


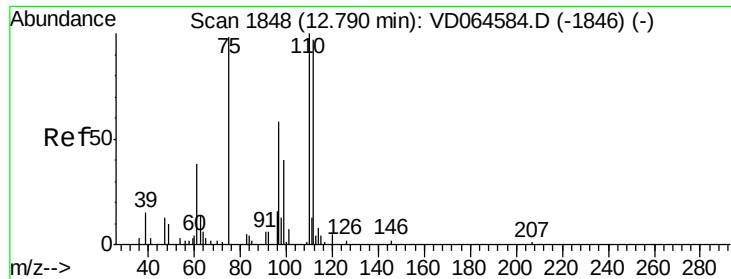
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064905.D
Acq: 21 Jan 2020 11:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.8	83.4
150	158.9	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: 60.465 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064905.D

Acq: 21 Jan 2020 11:47

Instrument :

MSVOA_D

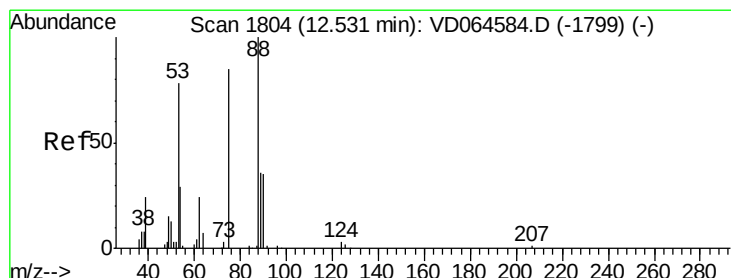
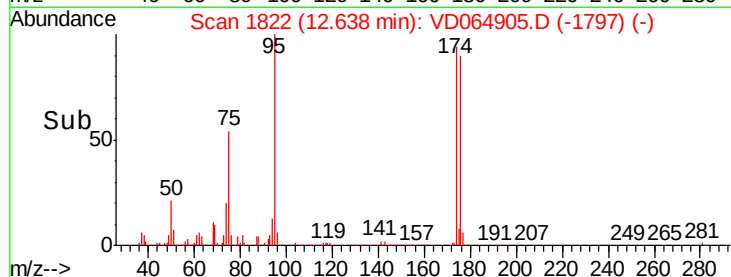
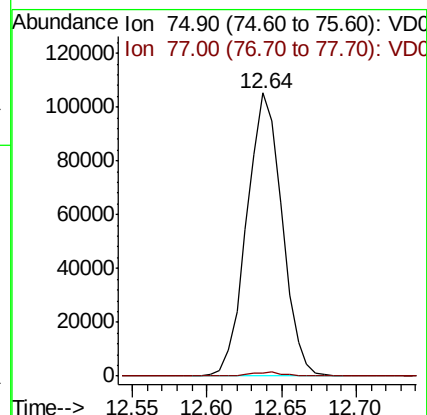
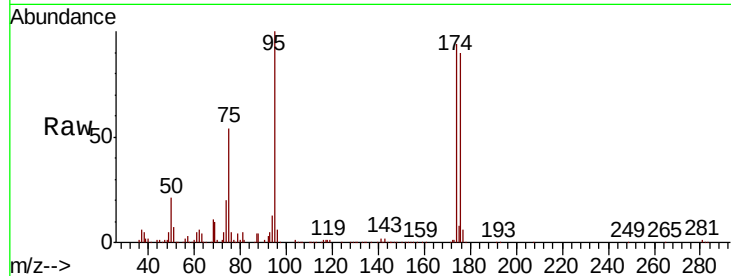
ClientSampleId :

Tot Ion: 75 Resp: 171633

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 126.460 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064905.D

Acq: 21 Jan 2020 11:47

Tgt Ion: 75 Resp: 171633

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.1 38.3 57.5#

