

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064420.D
 Acq On : 04 Dec 2019 16:47
 Operator : VA/SY
 Sample : K6133-01
 Misc : 7.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 05 03:50:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

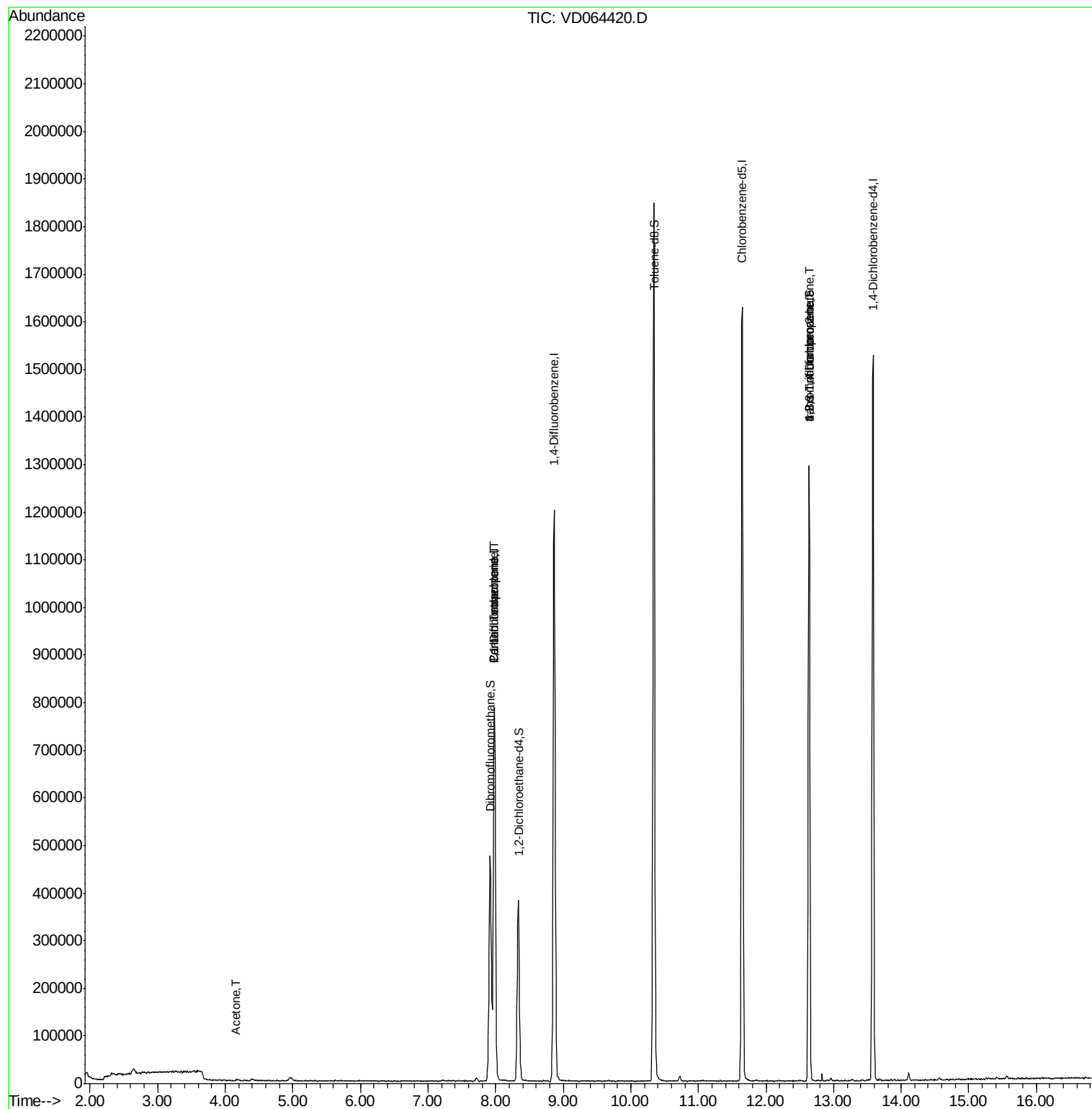
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	647158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1061657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	953450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	423334	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	301529	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
35) Dibromofluoromethane	7.92	113	326865	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.34	98	1263693	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.64	95	392080	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	3971	3.355	ug/l	100
20) Methylene Chloride	4.96	84	6409	Below Cal	#	84
31) Cyclohexane	7.98	56	12161	Below Cal	#	13
36) 1,1-Dichloropropene	7.98	75	44627	4.444	ug/l #	49
38) Carbon Tetrachloride	7.98	117	59027	5.569	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	205987	59.169	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	205987	129.018	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.29	75	70	Below Cal	#	1

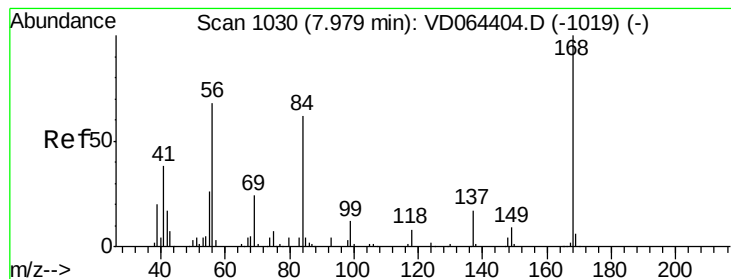
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 04 Dec 2019 16:47
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064420.D

Acq: 04 Dec 2019 16:47

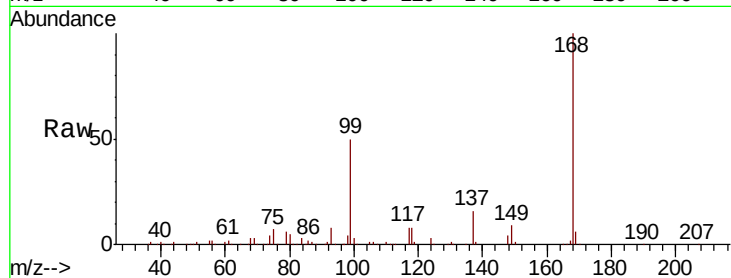
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 647158

Ion Ratio Lower Upper

168 100

99 49.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

300000

250000

200000

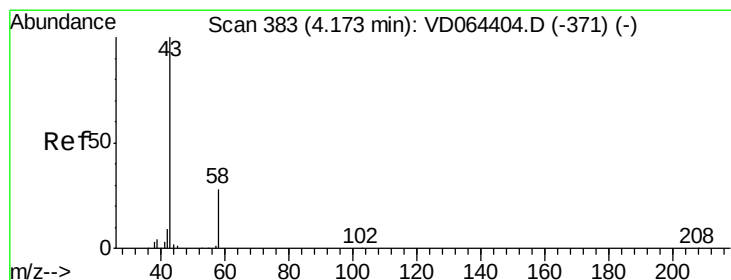
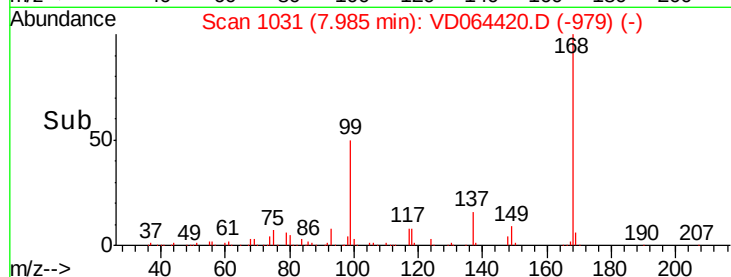
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.355 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064420.D

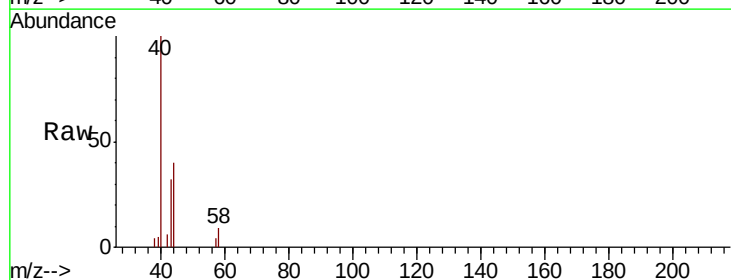
Acq: 04 Dec 2019 16:47

Tgt Ion: 43 Resp: 3971

Ion Ratio Lower Upper

43 100

58 28.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

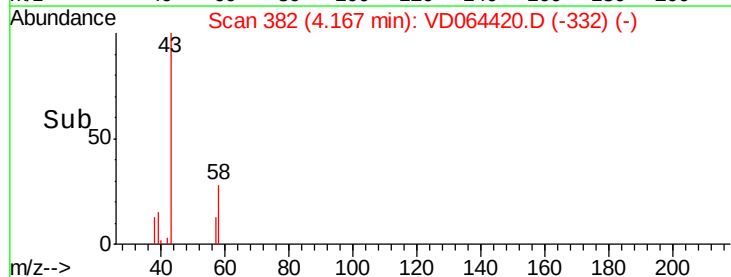
1500

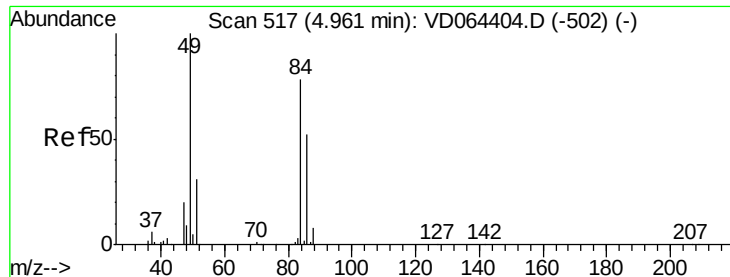
1000

500

0

Time-->

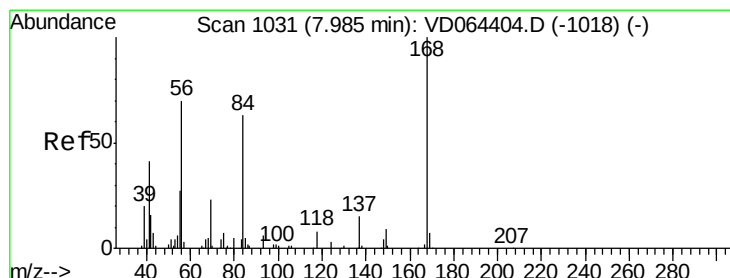
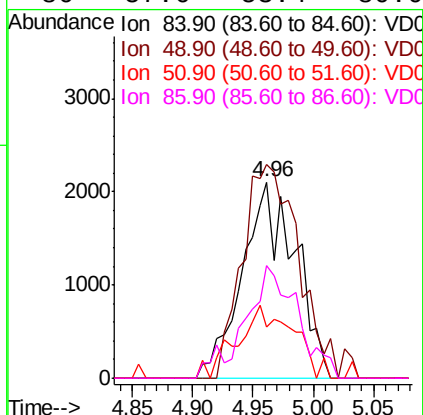
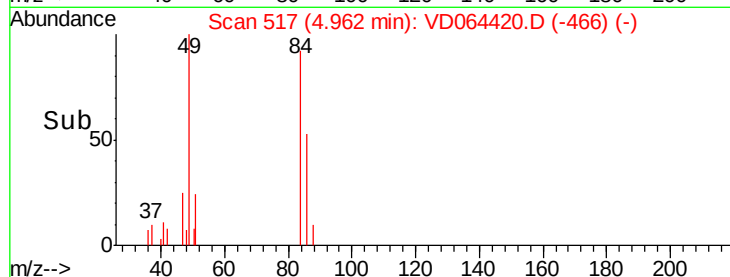
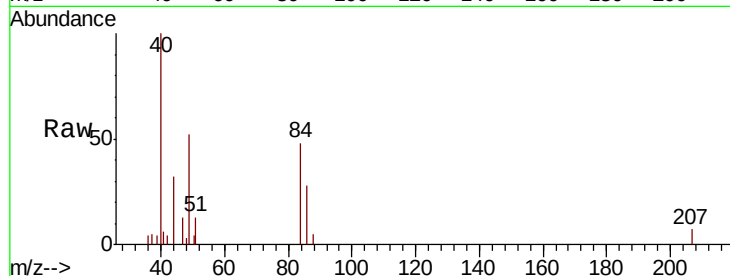




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064420.D
Acq: 04 Dec 2019 16:47

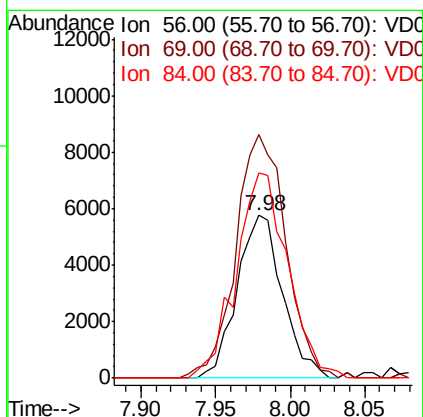
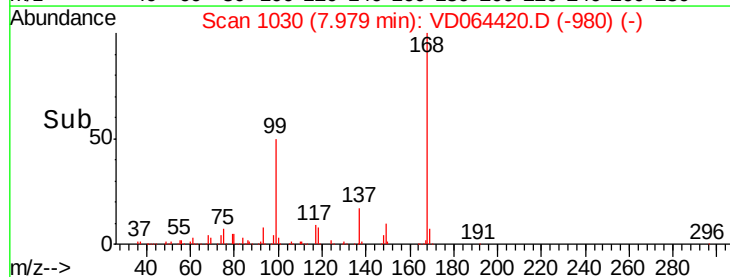
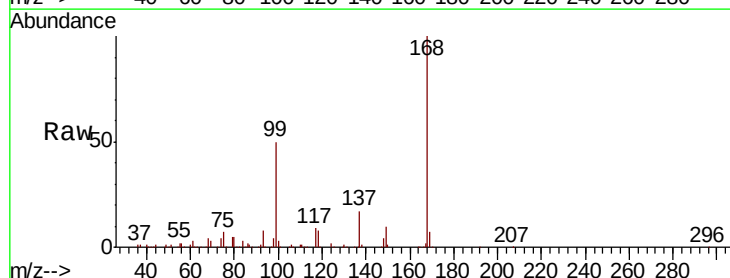
Instrument :
MSVOA_D
ClientSampleId :

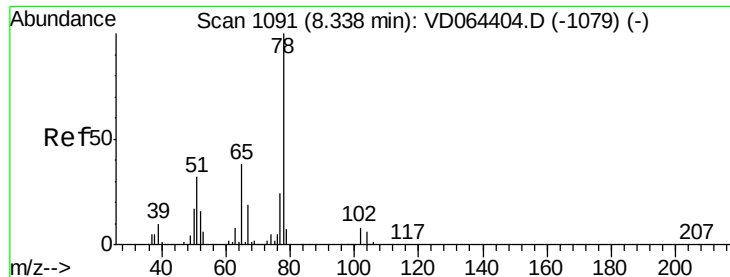
Tot Ion: 84 Resp: 6409
Ion Ratio Lower Upper
84 100
49 109.0 102.6 153.8
51 26.3 32.0 48.0#
86 57.6 53.4 80.0



#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD064420.D
Acq: 04 Dec 2019 16:47

Tgt Ion: 56 Resp: 12161
Ion Ratio Lower Upper
56 100
69 149.7 26.2 39.4#
84 126.4 70.3 105.5#

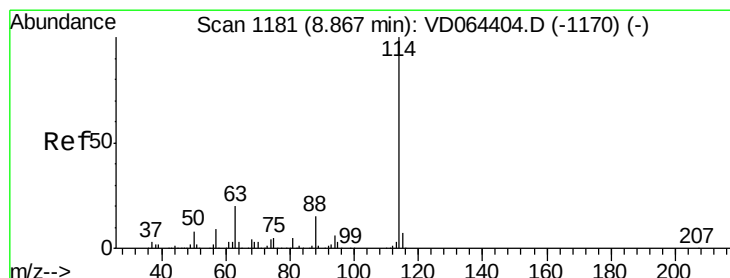
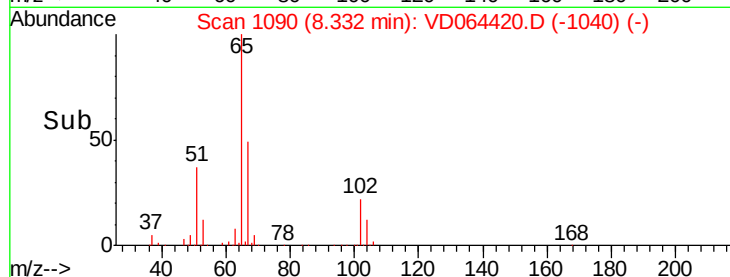
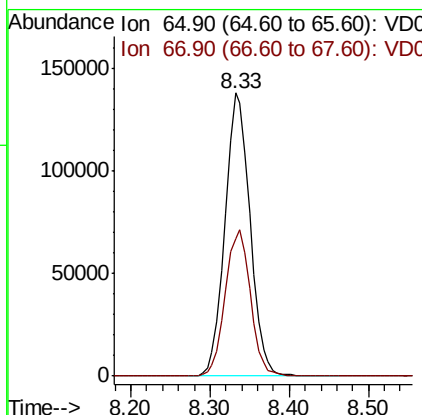
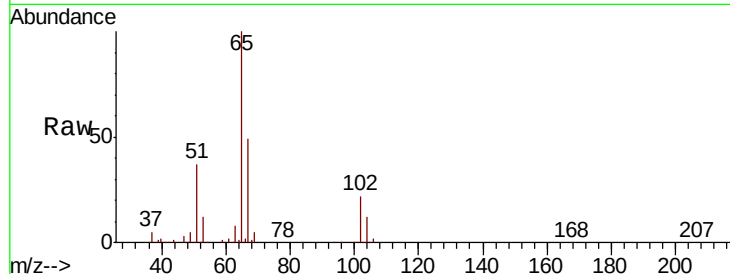




#33
 1,2-Dichloroethane-d4
 Concen: 51.475 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064420.D
 Acq: 04 Dec 2019 16:47

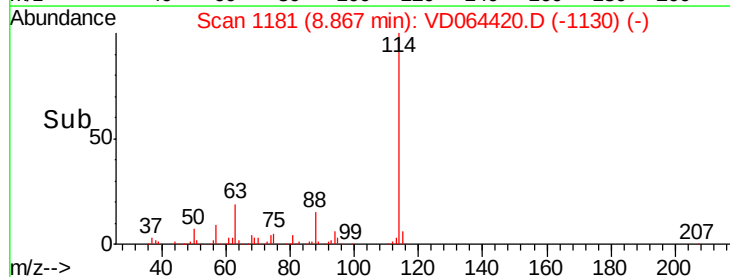
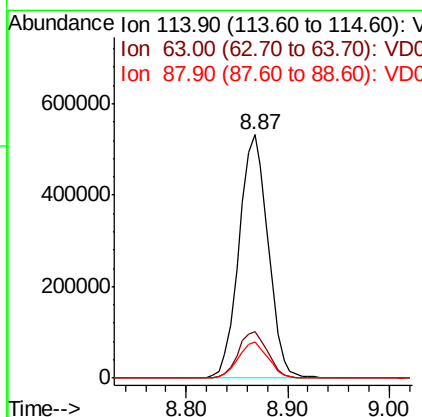
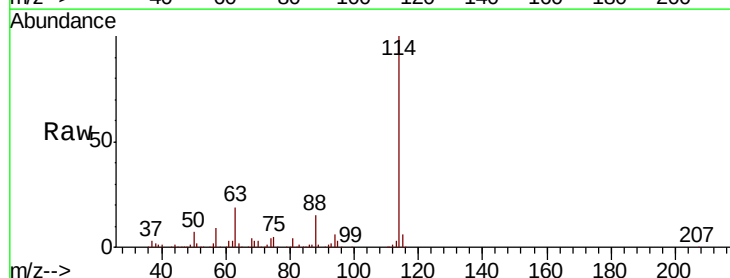
Instrument :
 MSVOA_D
 ClientSampleId :

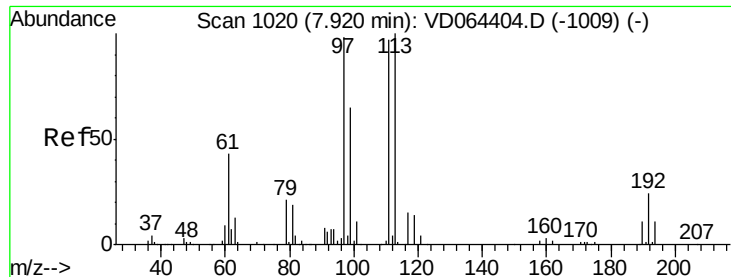
Tot Ion: 65 Resp: 301529
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064420.D
 Acq: 04 Dec 2019 16:47

Tgt Ion: 114 Resp: 1061657
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 14.7 0.0 29.2

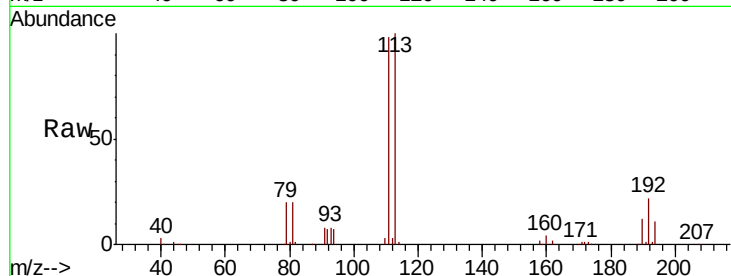




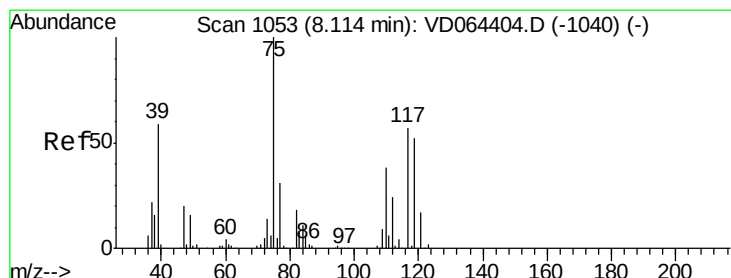
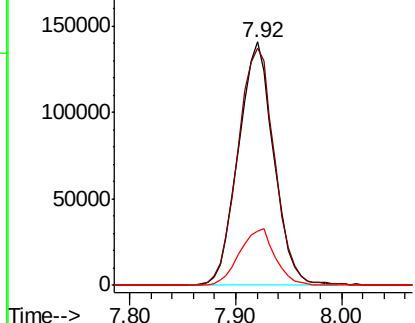
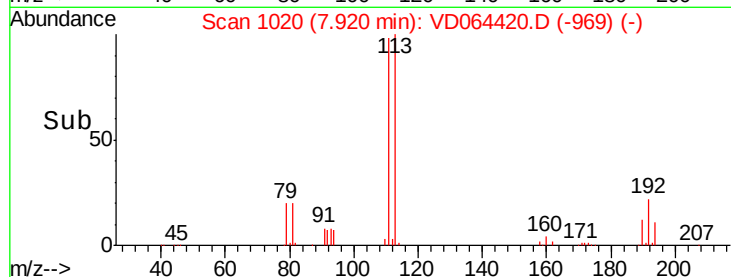
#35
 Dibromofluoromethane
 Concen: 48.866 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064420.D
 Acq: 04 Dec 2019 16:47

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	79.4	119.2
192	23.4	18.6	28.0

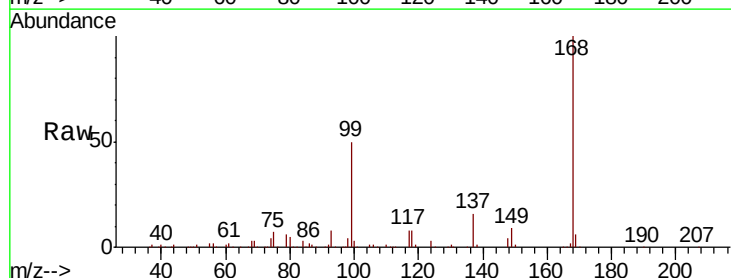


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

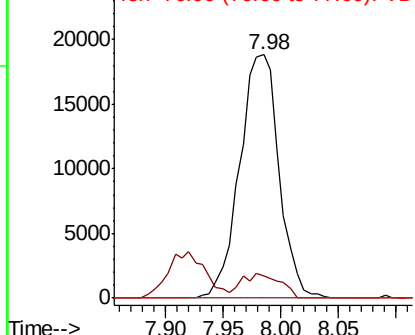
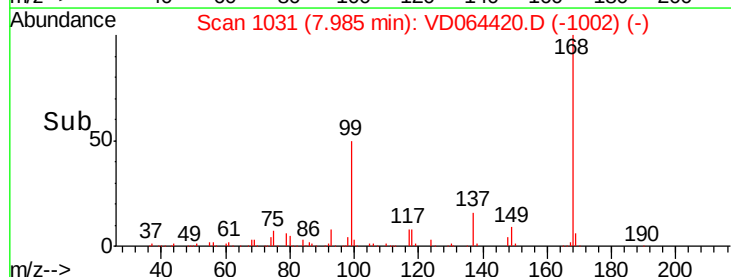


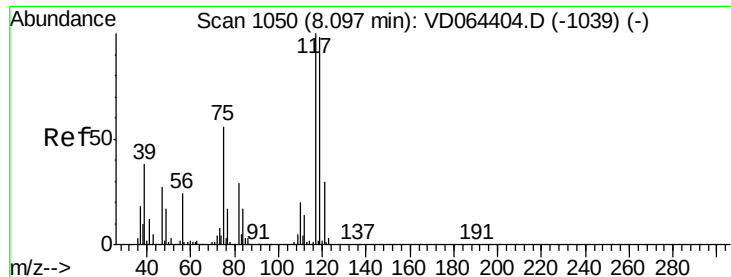
#36
 1,1-Dichloropropene
 Concen: 4.444 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064420.D
 Acq: 04 Dec 2019 16:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.6	55.8#
77	0.0	25.0	37.4#



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

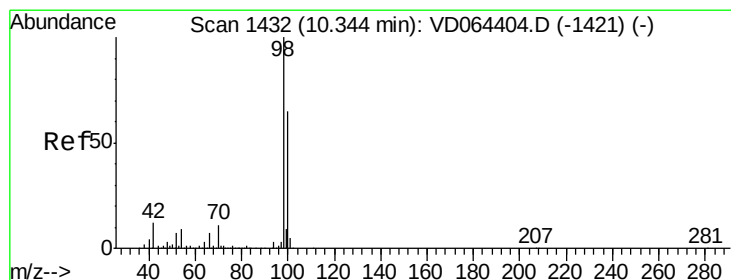
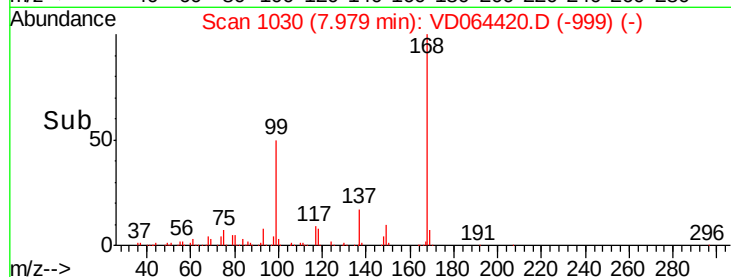
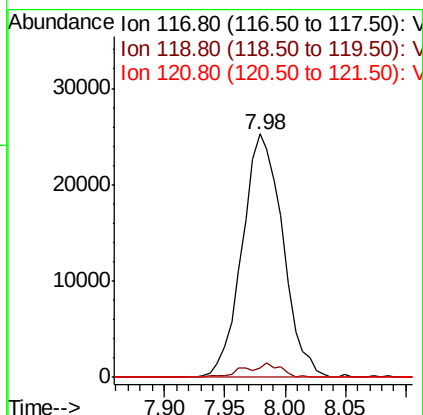
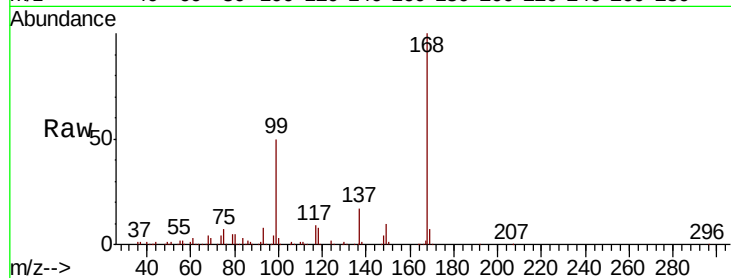




#38
Carbon Tetrachloride
Concen: 5.569 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064420.D
Acq: 04 Dec 2019 16:47

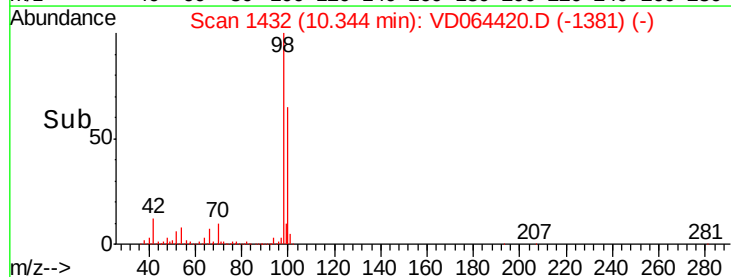
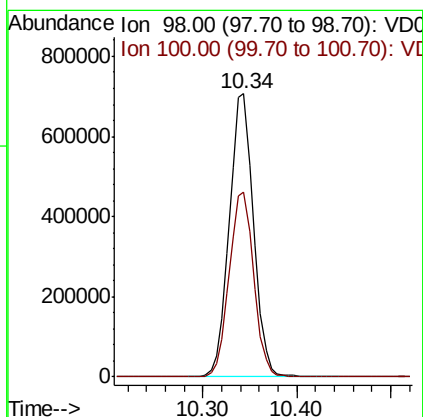
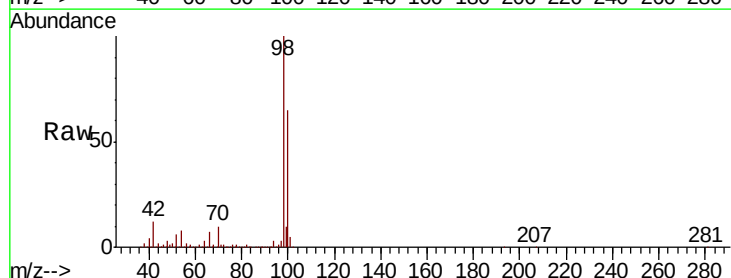
Instrument :
MSVOA_D
ClientSampleId :

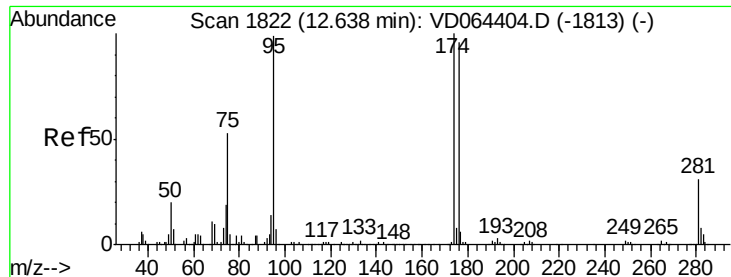
Tot Ion:117 Resp: 59027
Ion Ratio Lower Upper
117 100
119 4.0 78.8 118.2#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.153 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064420.D
Acq: 04 Dec 2019 16:47

Tgt Ion: 98 Resp: 1263693
Ion Ratio Lower Upper
98 100
100 66.3 52.6 79.0

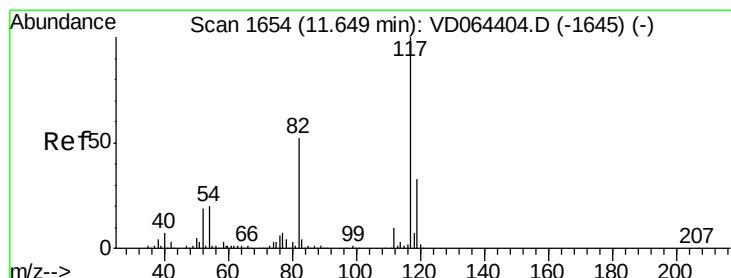
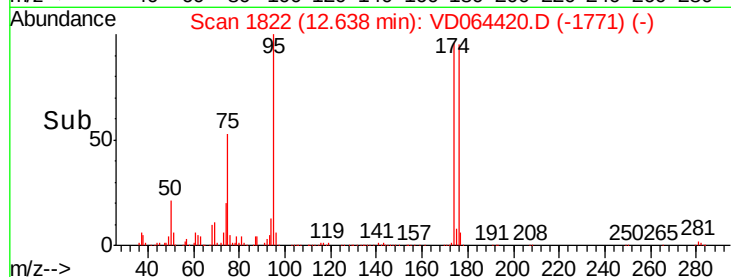
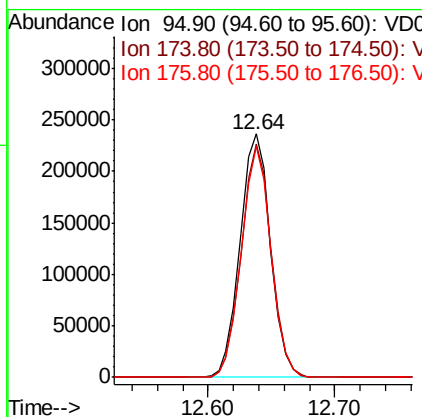
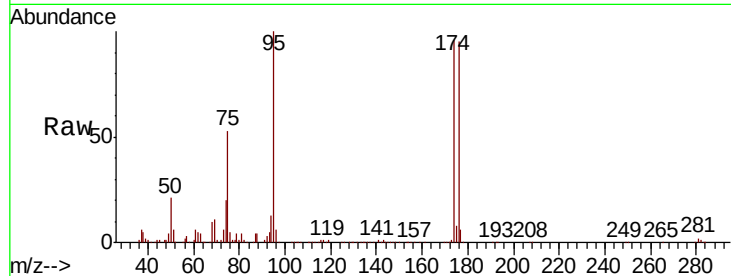




#62
4-Bromofluorobenzene
Concen: 48.420 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064420.D
Acq: 04 Dec 2019 16:47

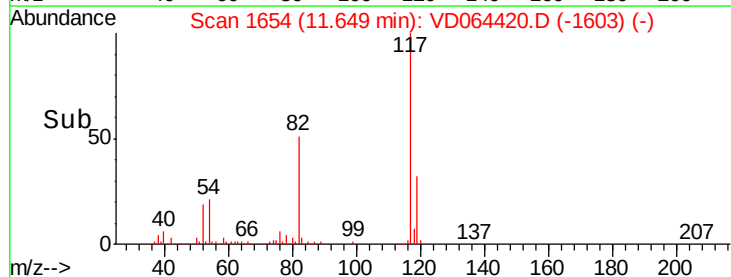
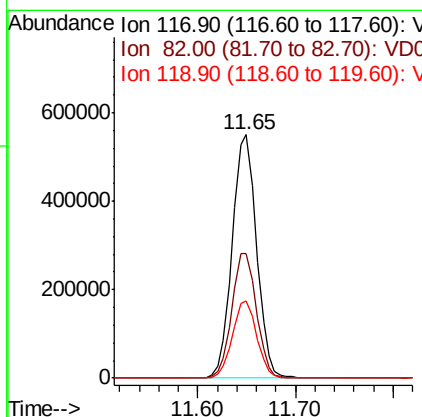
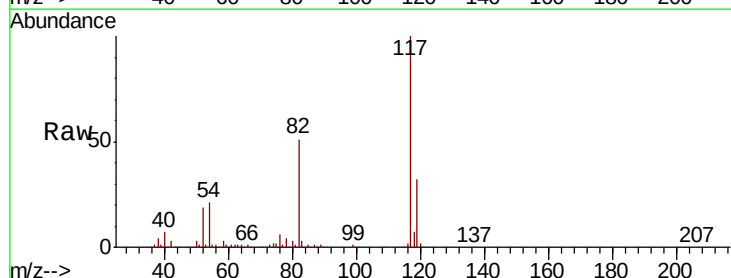
Instrument :
MSVOA_D
ClientSampleId :

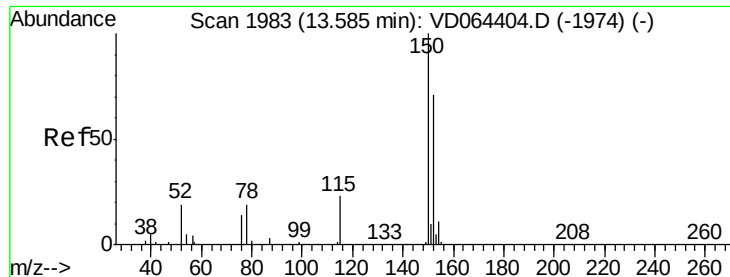
Tot Ion: 95 Resp: 392080
Ion Ratio Lower Upper
95 100
174 94.0 0.0 197.2
176 92.6 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064420.D
Acq: 04 Dec 2019 16:47

Tgt Ion: 117 Resp: 953450
Ion Ratio Lower Upper
117 100
82 51.2 41.4 62.2
119 31.7 26.2 39.2



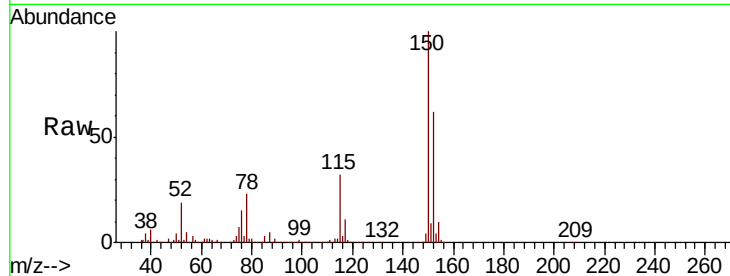


#72

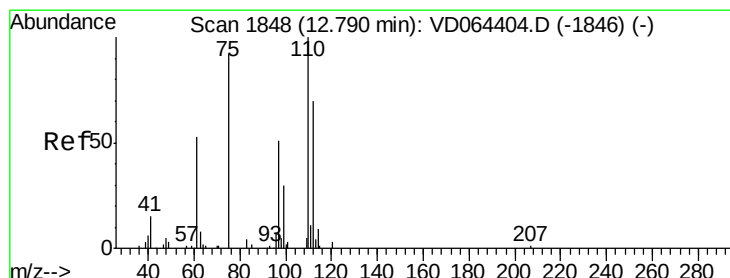
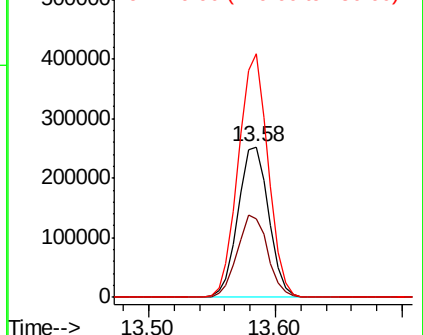
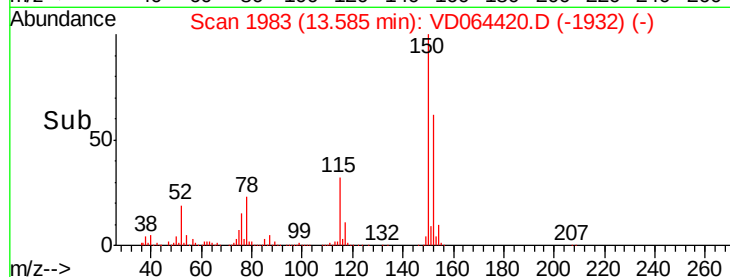
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064420.D
Acq: 04 Dec 2019 16:47

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 423334
Ion Ratio Lower Upper
152 100
115 54.3 26.7 80.1
150 157.1 0.0 347.2



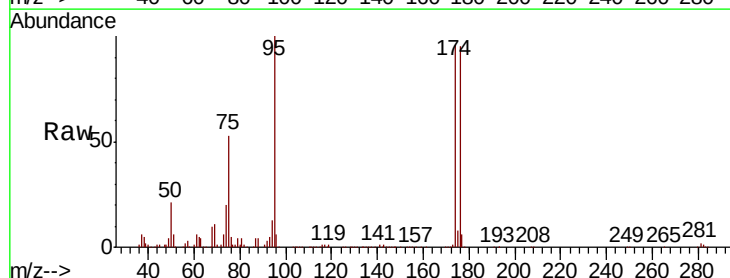
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



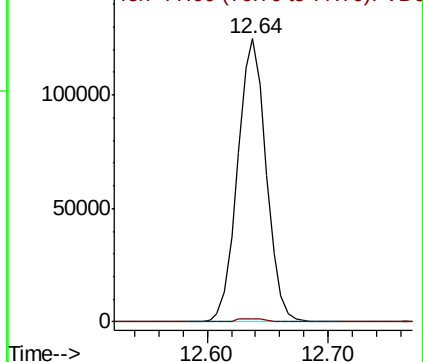
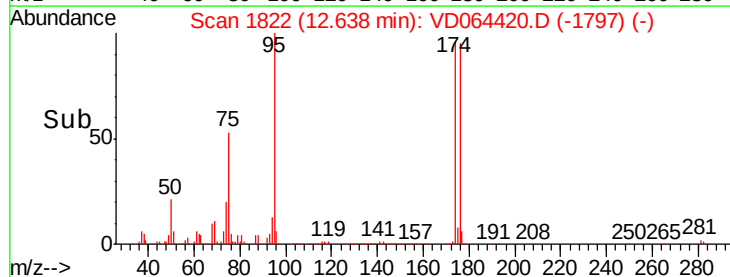
#76

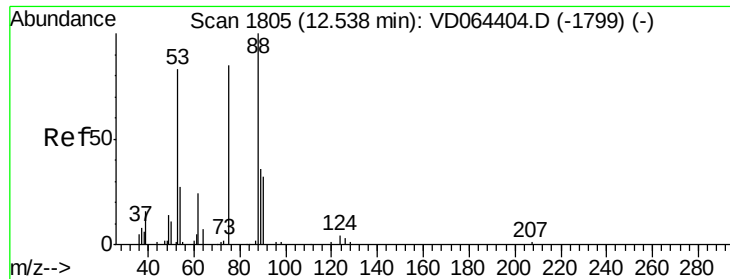
1,2,3-Trichloropropane
Concen: 59.169 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064420.D
Acq: 04 Dec 2019 16:47

Tgt Ion: 75 Resp: 205987
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

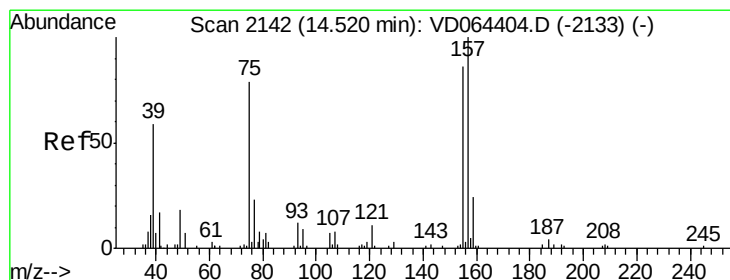
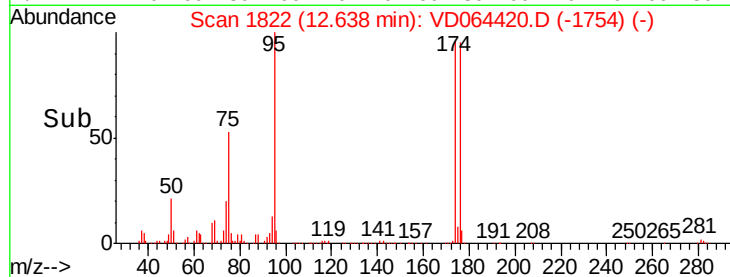
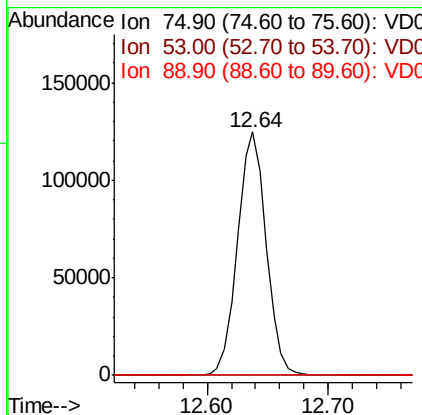
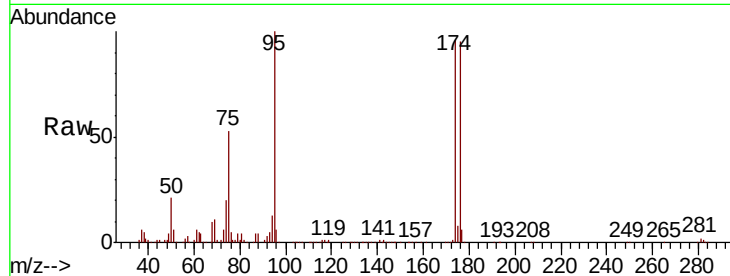




#81
trans-1,4-Dichloro-2-butene
Concen: 129.018 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.10 min
Lab File: VD064420.D
Acq: 04 Dec 2019 16:47

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 205987
Ion Ratio Lower Upper
75 100
53 0.0 81.0 121.6#
89 0.0 38.5 57.7#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.29 min Scan# 2103
Delta R.T. -0.23 min
Lab File: VD064420.D
Acq: 04 Dec 2019 16:47

Tgt Ion: 75 Resp: 70
Ion Ratio Lower Upper
75 100
155 0.0 51.9 155.7#
157 0.0 63.2 189.8#

