

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064414.D
 Acq On : 04 Dec 2019 13:55
 Operator : VA/SY
 Sample : K6119-01RE
 Misc : 4.82G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 05 03:49:07 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

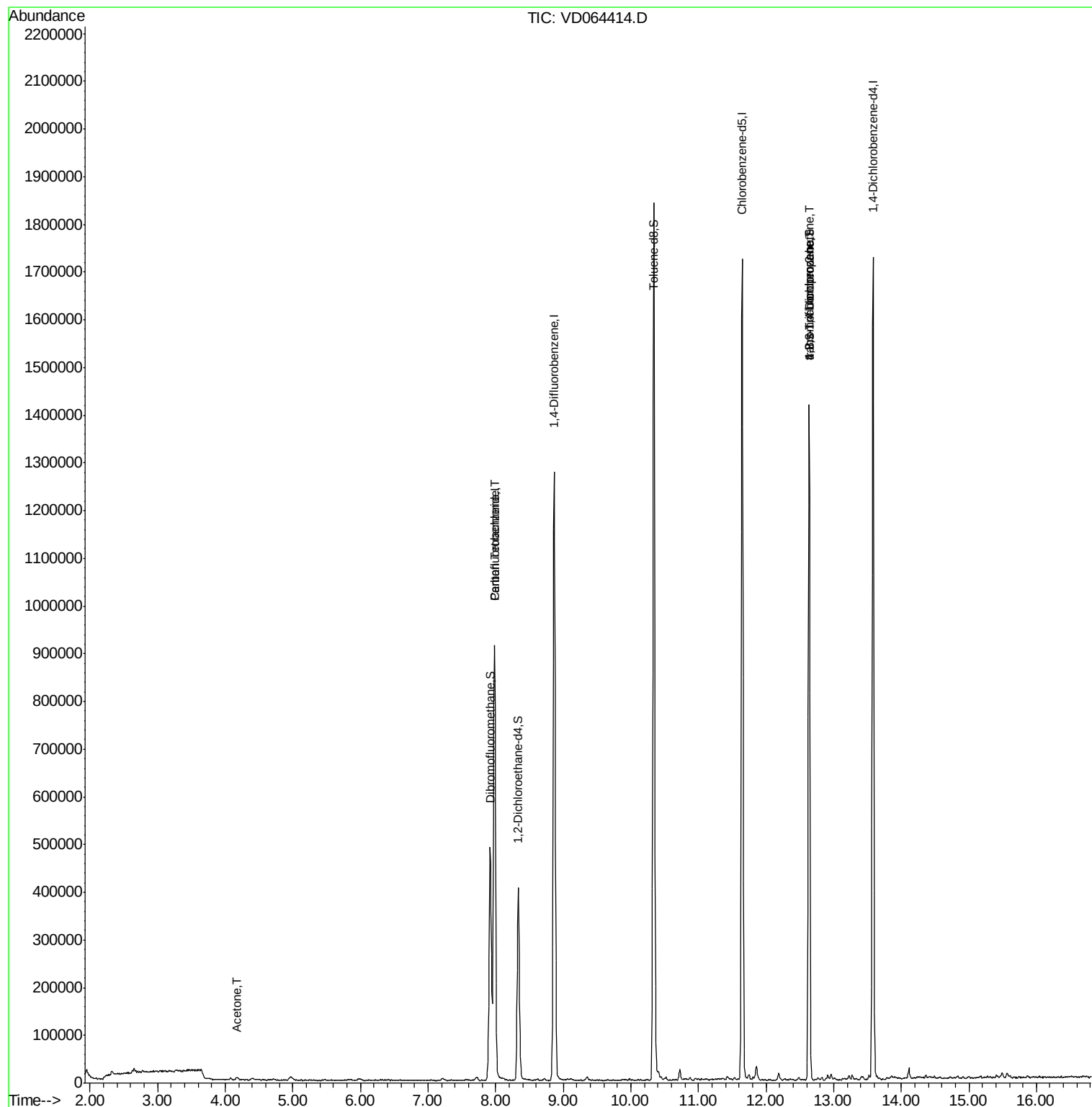
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	742408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1116244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	985729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	466394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	315584	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
35) Dibromofluoromethane	7.92	113	337887	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
50) Toluene-d8	10.34	98	1299142	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.64	95	422096	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
Target Compounds						
16) Acetone	4.17	43	8201	6.039	ug/l	99
20) Methylene Chloride	4.96	84	5061	Below Cal	#	74
31) Cyclohexane	7.98	56	16624	Below Cal	#	1
38) Carbon Tetrachloride	7.98	117	67105	6.022	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	222218	57.938	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	222218	126.334	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.53	75	141	Below Cal	#	12

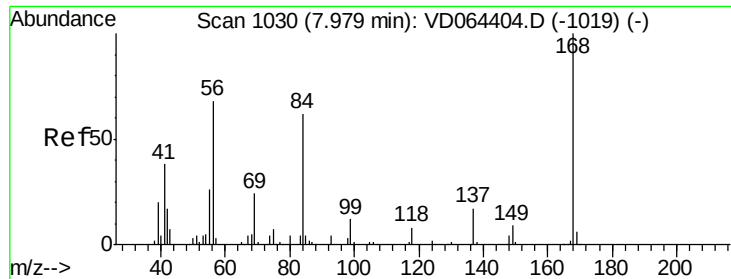
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064414.D

Acq: 04 Dec 2019 13:55

Instrument :

MSVOA_D

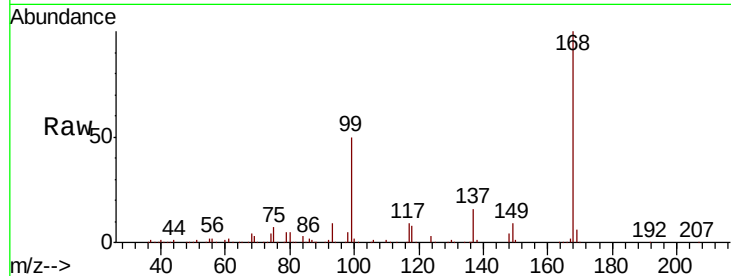
ClientSampleId :

Tot Ion:168 Resp: 742408

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

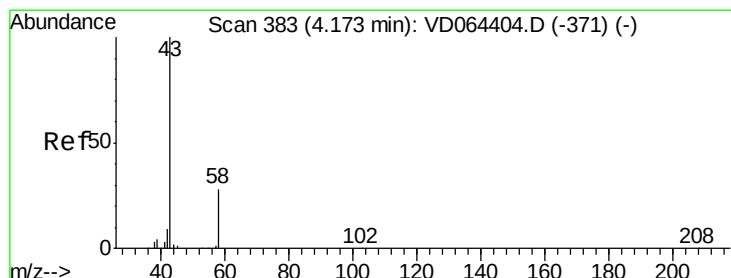
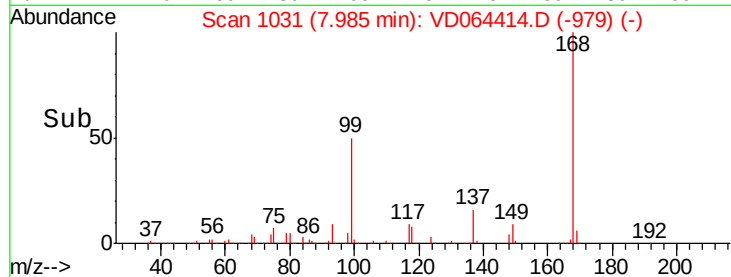
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.039 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064414.D

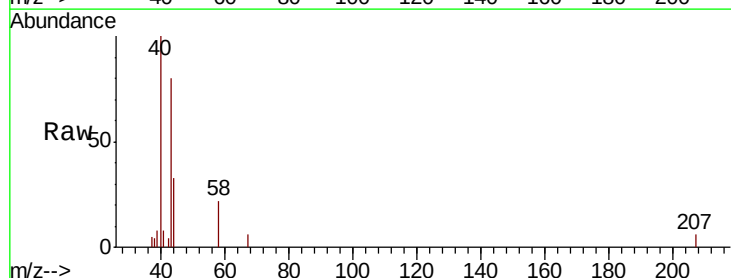
Acq: 04 Dec 2019 13:55

Tgt Ion: 43 Resp: 8201

Ion Ratio Lower Upper

43 100

58 27.6 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

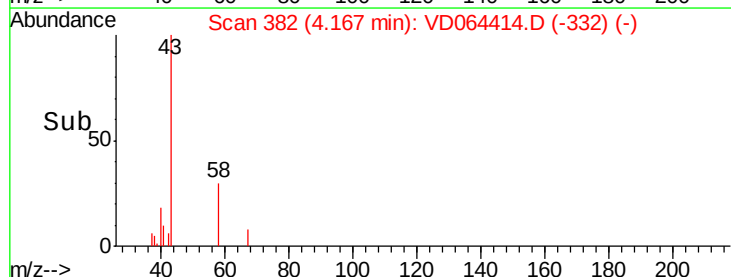
3000

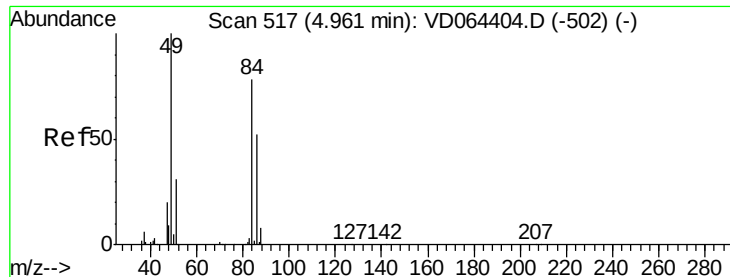
2000

1000

0

Time-->

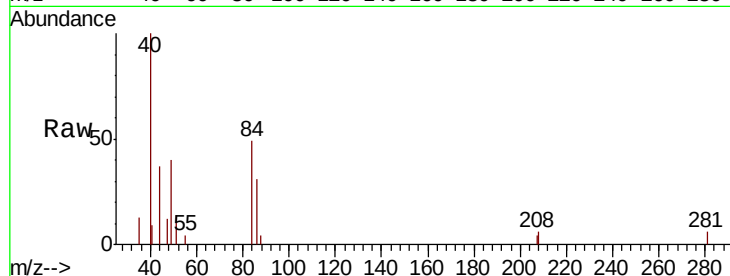




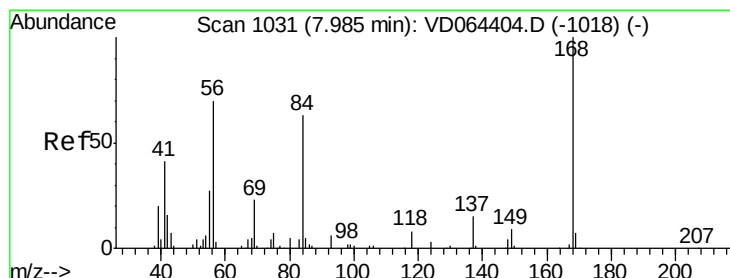
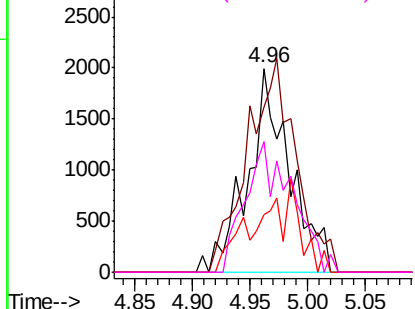
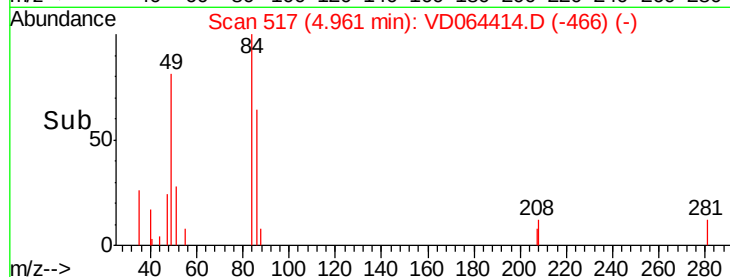
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064414.D
Acq: 04 Dec 2019 13:55

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 5061
Ion Ratio Lower Upper
84 100
49 81.3 102.6 153.8#
51 28.4 32.0 48.0#
86 64.3 53.4 80.0

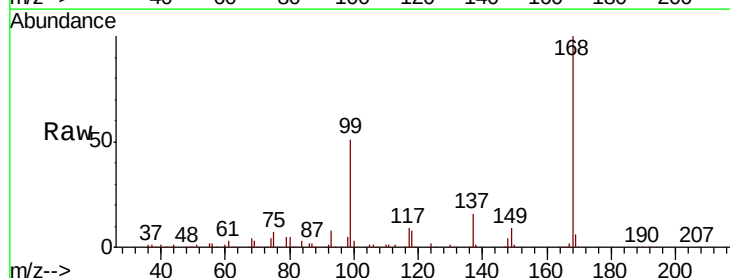


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

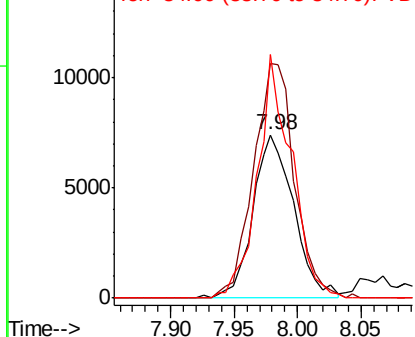
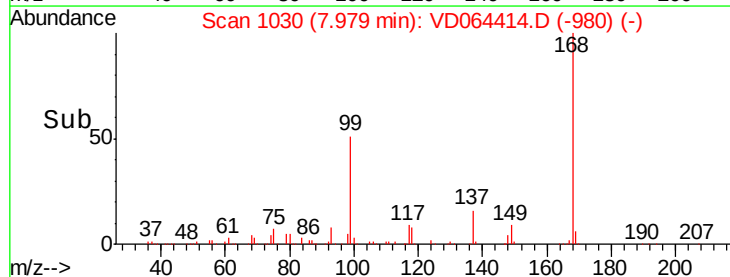


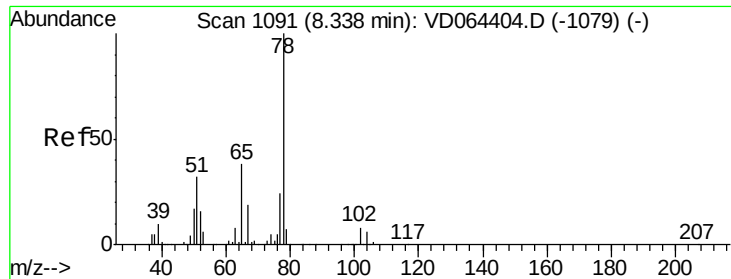
#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064414.D
Acq: 04 Dec 2019 13:55

Tgt Ion: 56 Resp: 16624
Ion Ratio Lower Upper
56 100
69 143.7 26.2 39.4#
84 148.8 70.3 105.5#



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

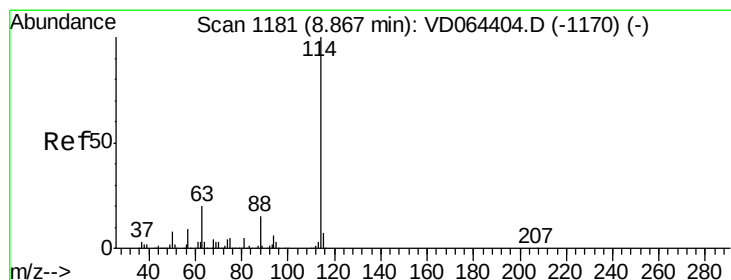
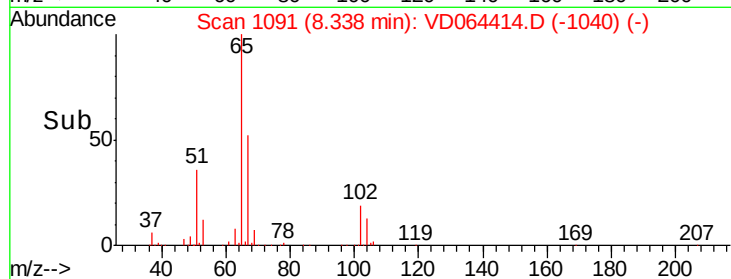
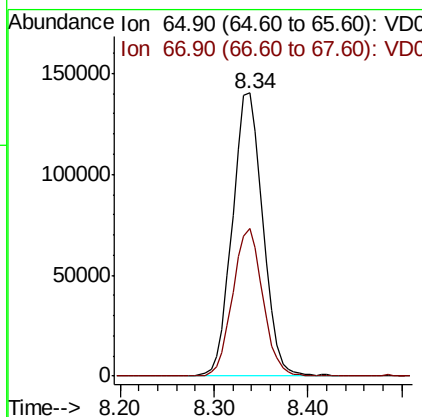
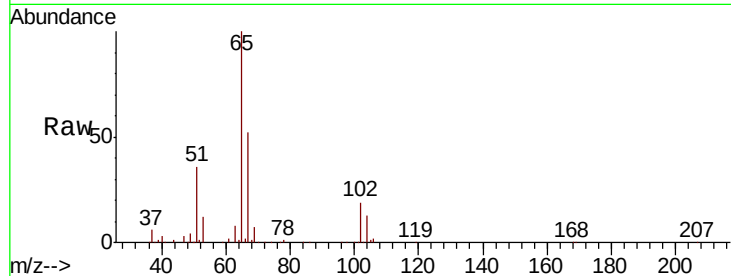




#33
 1,2-Dichloroethane-d4
 Concen: 46.963 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064414.D
 Acq: 04 Dec 2019 13:55

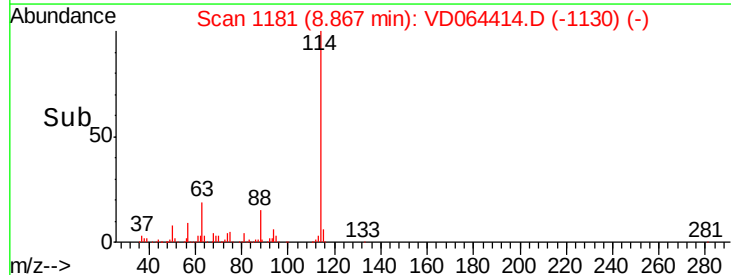
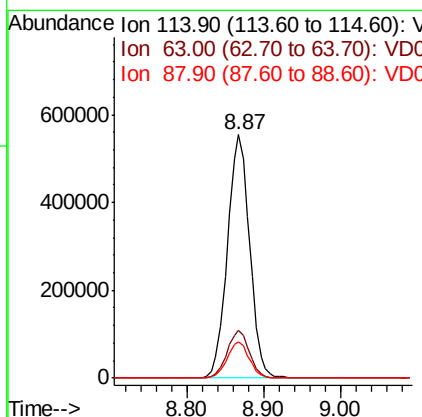
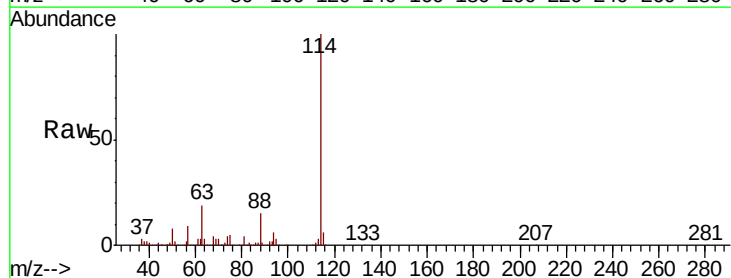
Instrument :
 MSVOA_D
 ClientSampleId :

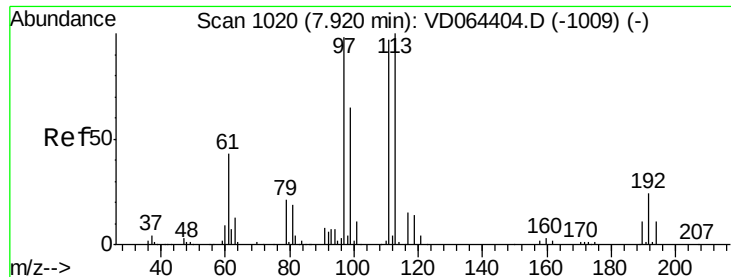
Tot Ion: 65 Resp: 315584
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064414.D
 Acq: 04 Dec 2019 13:55

Tgt Ion: 114 Resp: 1116244
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.1 0.0 29.2

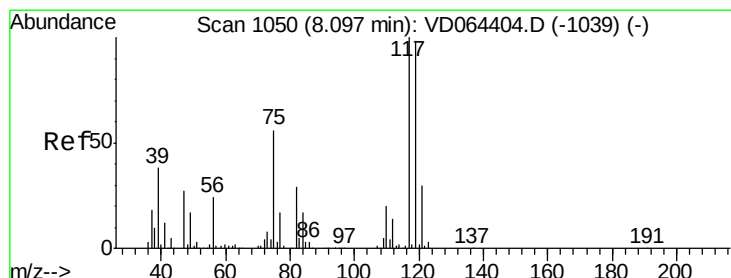
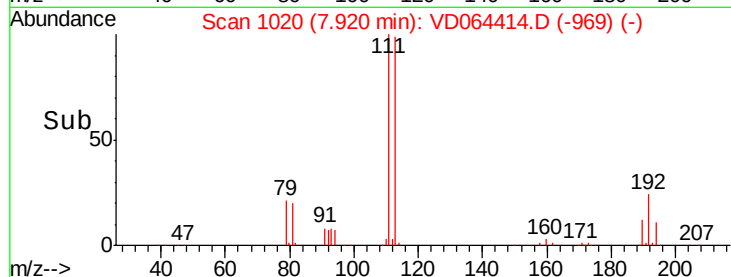
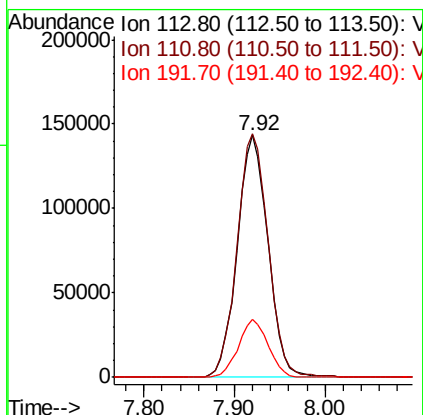
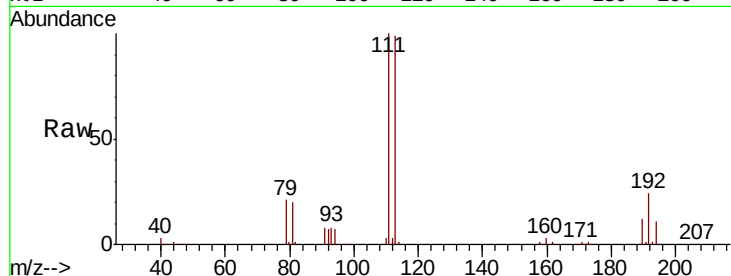




#35
 Dibromofluoromethane
 Concen: 48.044 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064414.D
 Acq: 04 Dec 2019 13:55

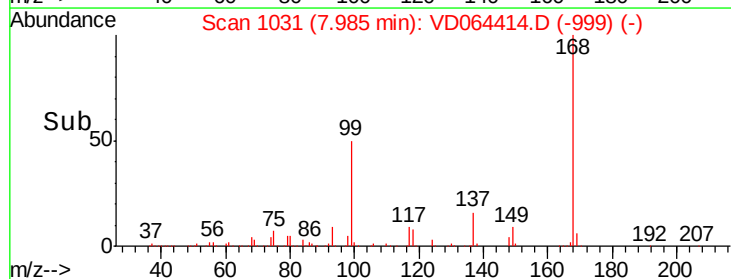
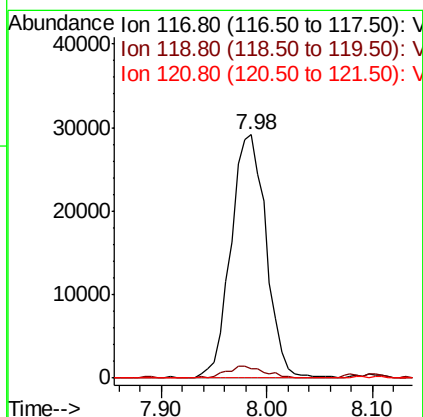
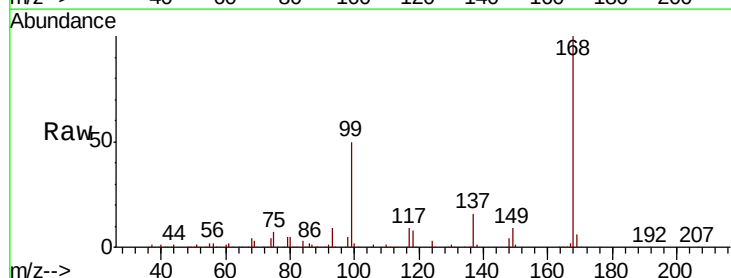
Instrument :
 MSVOA_D
 ClientSampleId :

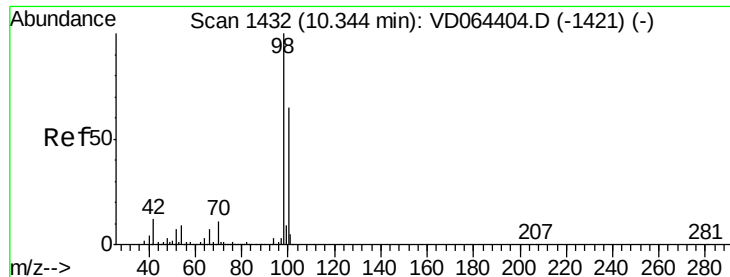
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	79.4	119.2
192	23.2	18.6	28.0



#38
 Carbon Tetrachloride
 Concen: 6.022 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064414.D
 Acq: 04 Dec 2019 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	78.8	118.2#
121	0.0	24.2	36.2#

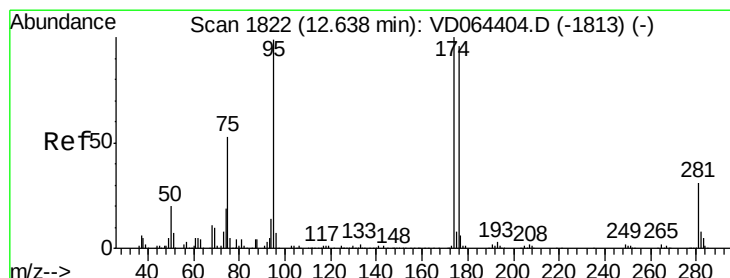
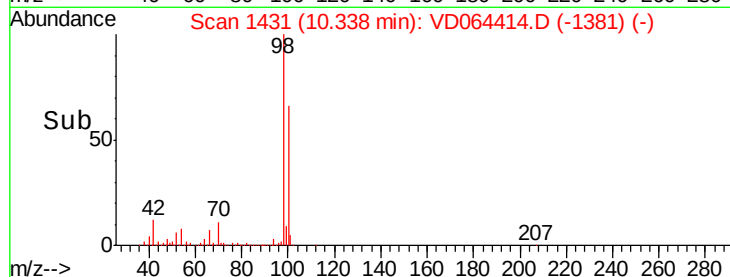
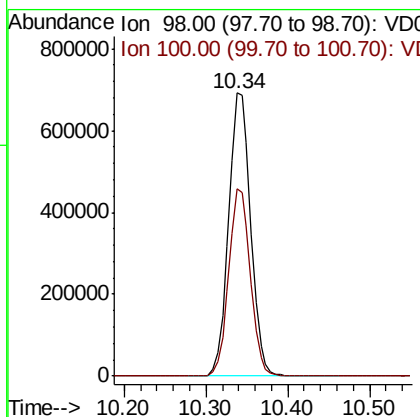
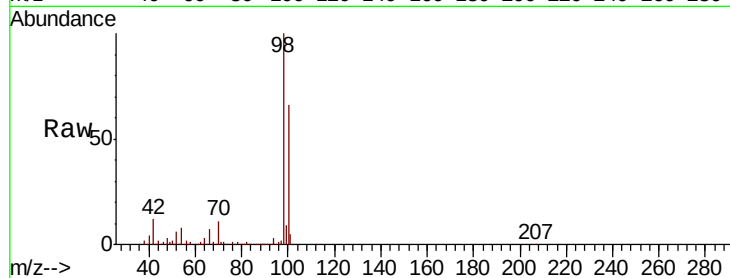




#50
Toluene-d8
Concen: 49.039 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064414.D
Acq: 04 Dec 2019 13:55

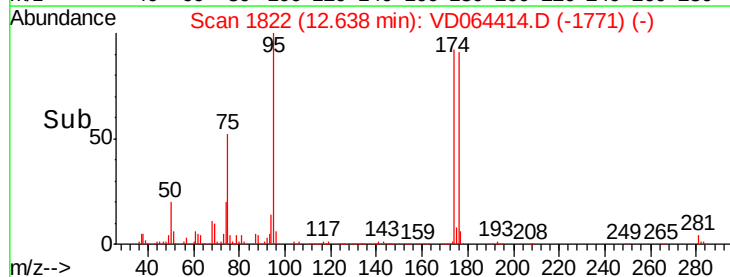
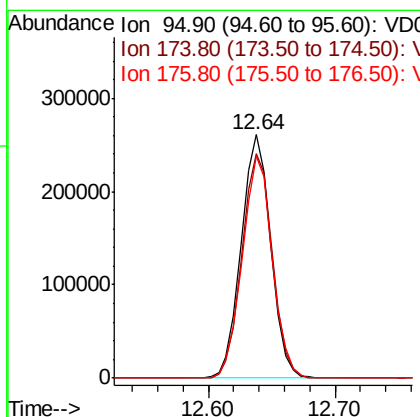
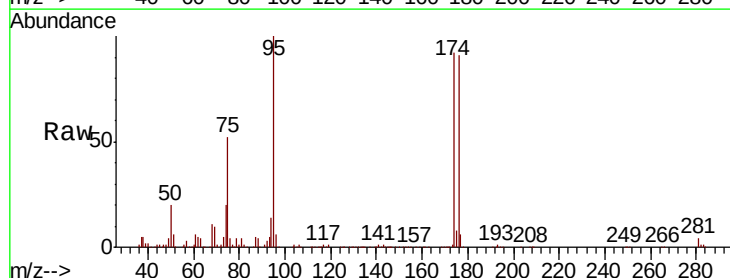
Instrument :
MSVOA_D
ClientSampleId :

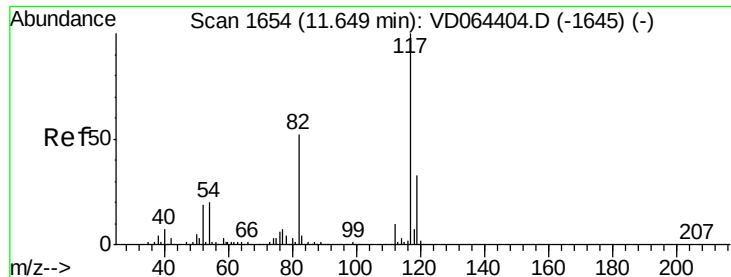
Tot Ion: 98 Resp: 1299142
Ion Ratio Lower Upper
98 100
100 64.7 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 49.578 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064414.D
Acq: 04 Dec 2019 13:55

Tgt Ion: 95 Resp: 422096
Ion Ratio Lower Upper
95 100
174 95.0 0.0 197.2
176 92.5 0.0 189.6

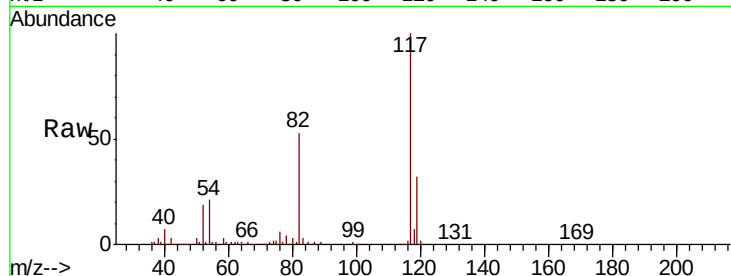




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064414.D
Acq: 04 Dec 2019 13:55

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.4	62.2
119	32.1	26.2	39.2

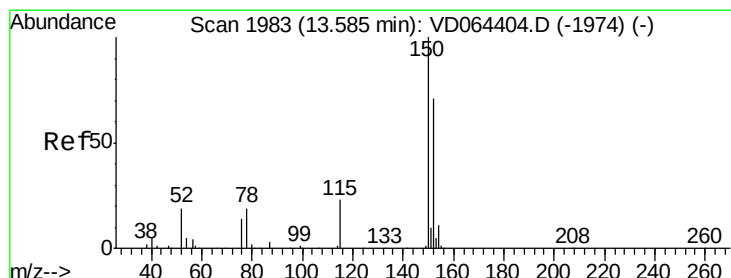
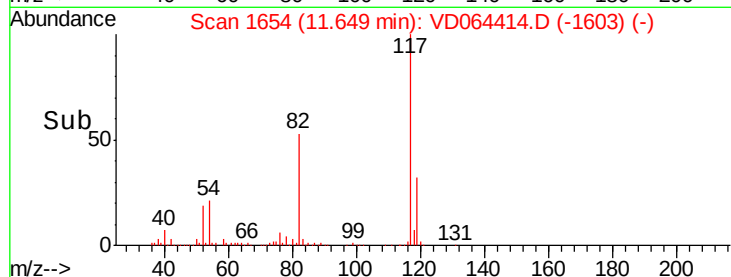
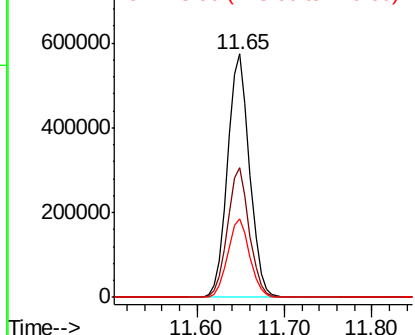


Abundance

Ion 116.90 (116.60 to 117.60): V

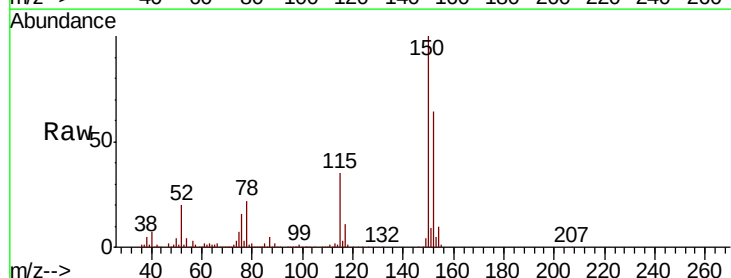
Ion 82.00 (81.70 to 82.70): V

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: VD064414.D
Acq: 04 Dec 2019 13:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.7	80.1
150	157.8	0.0	347.2

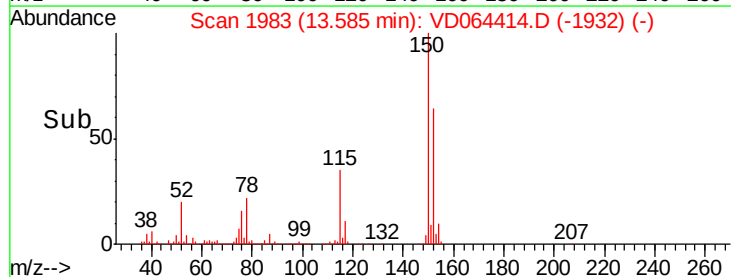
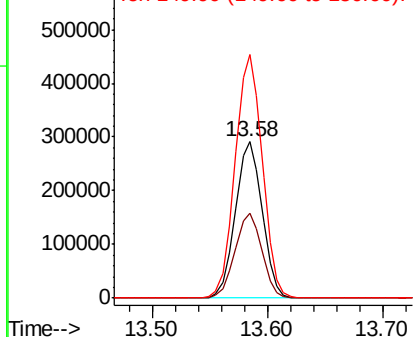


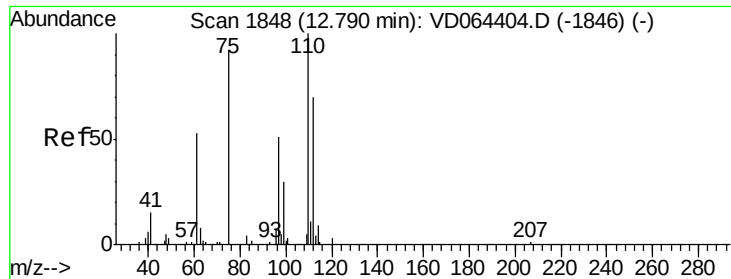
Abundance

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

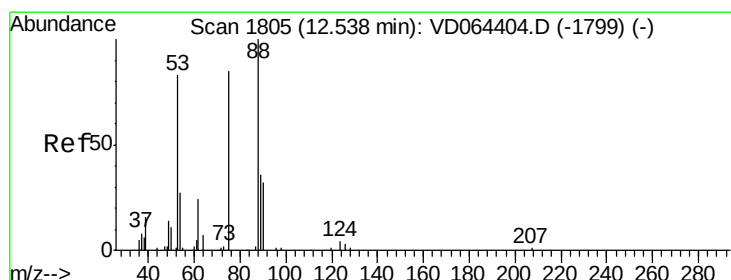
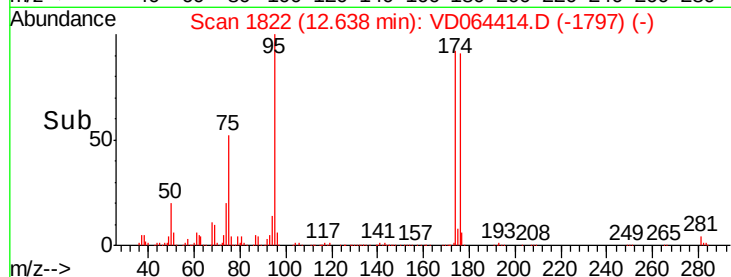
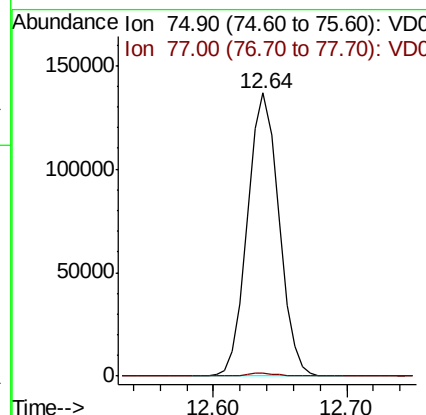
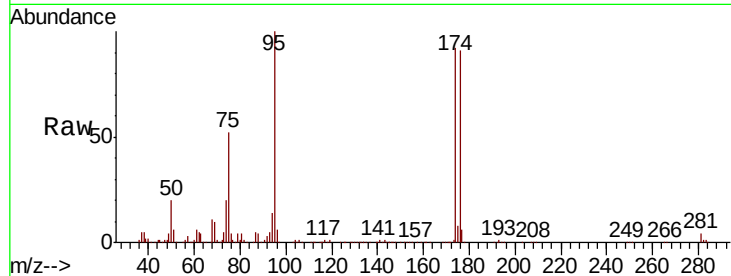




#76
 1,2,3-Trichloropropane
 Concen: 57.938 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064414.D
 Acq: 04 Dec 2019 13:55

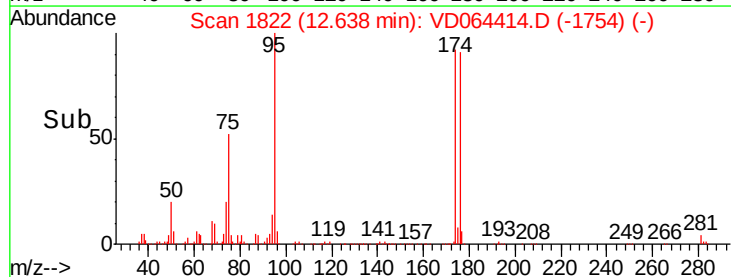
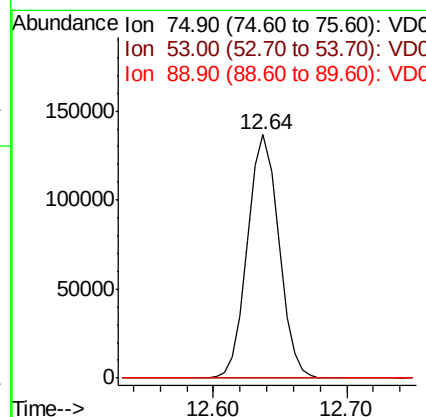
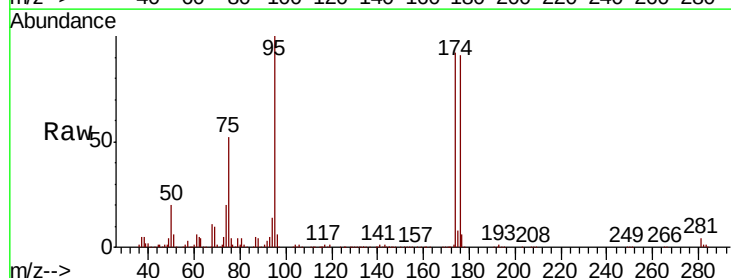
Instrument :
 MSVOA_D
 ClientSampled :

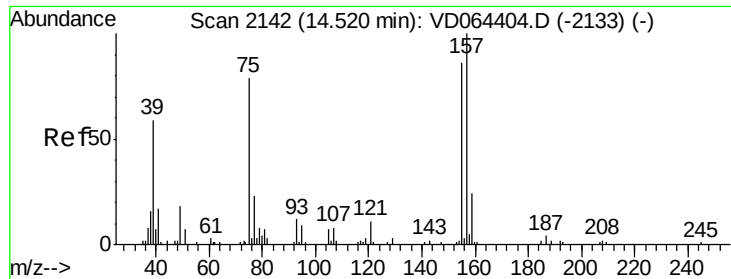
Tot Ion: 75 Resp: 222218
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.334 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD064414.D
 Acq: 04 Dec 2019 13:55

Tgt Ion: 75 Resp: 222218
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.0 121.6#
 89 0.1 38.5 57.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.53 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VD064414.D

Acq: 04 Dec 2019 13:55

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 141

Ion Ratio Lower Upper

75 100

155 42.6 51.9 155.7#

157 0.0 63.2 189.8#

