

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064421.D
 Acq On : 04 Dec 2019 17:16
 Operator : VA/SY
 Sample : K6119-12RE
 Misc : 4.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 05 03:50:21 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

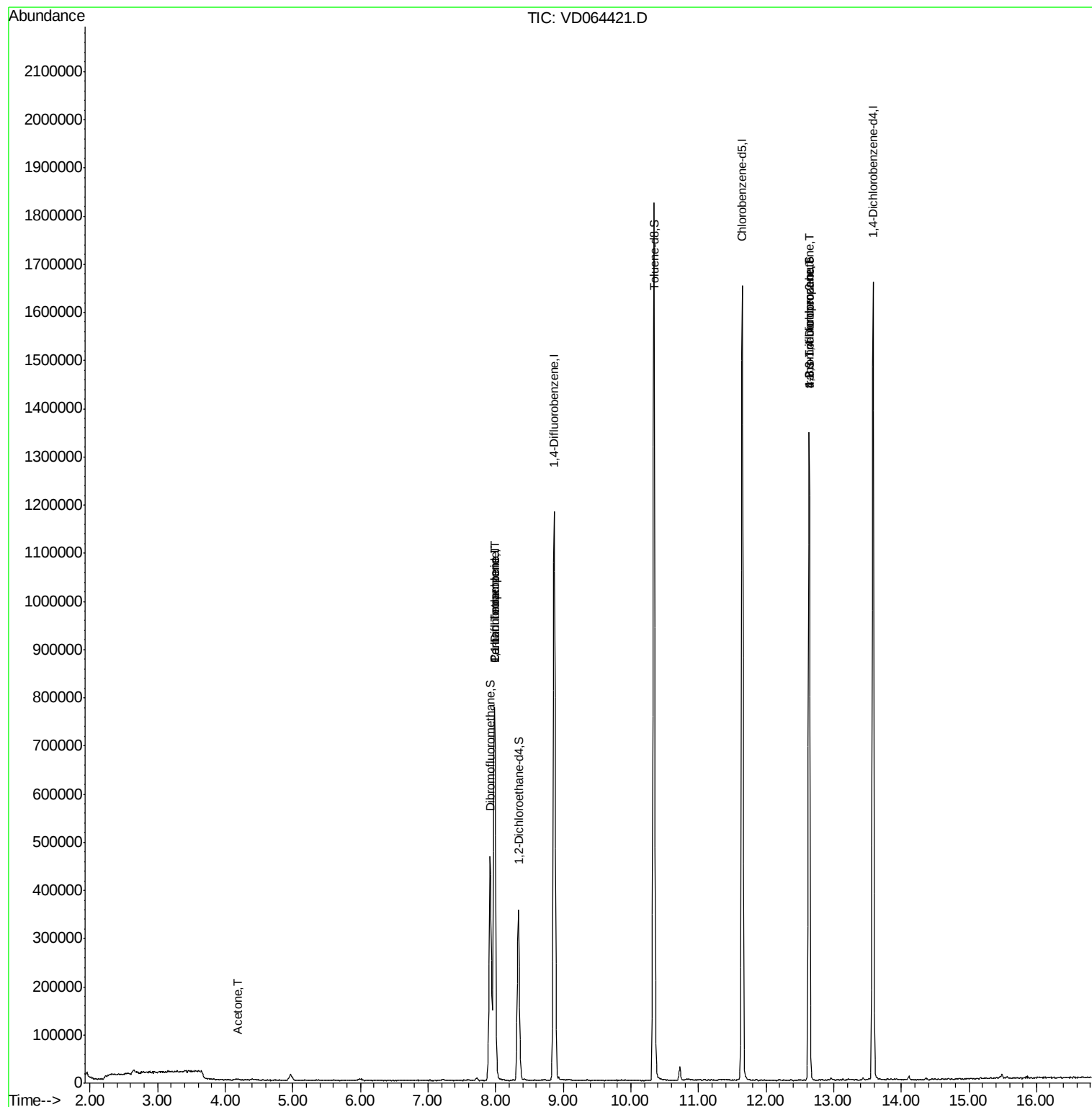
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	641933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1050613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	946686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	453347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	277206	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
35) Dibromofluoromethane	7.92	113	318041	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	10.34	98	1248692	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.64	95	404420	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
Target Compounds						
16) Acetone	4.19	43	6120	5.212	ug/l	91
20) Methylene Chloride	4.96	84	8281	Below Cal	#	81
31) Cyclohexane	7.98	56	12029	Below Cal	#	1
36) 1,1-Dichloropropene	7.98	75	44594	4.488	ug/l #	49
38) Carbon Tetrachloride	7.98	117	59484	5.672	ug/l #	13
76) 1,2,3-Trichloropropane	12.64	75	209509	56.196	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	209509	122.537	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.50	75	252	Below Cal	#	1

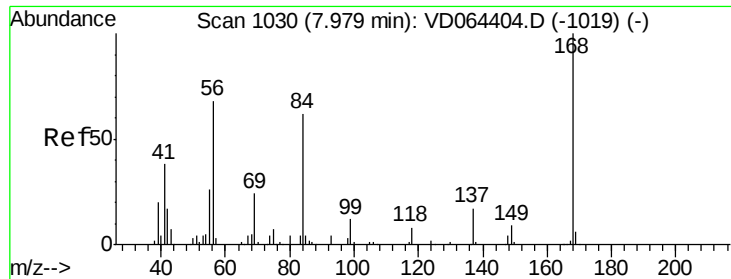
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD064421.D
Acq On : 04 Dec 2019 17:16
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MSVOA_D
ClientSampleId :

Quant Time: Dec 05 03:50:21 2019
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: VD064421.D

Acq: 04 Dec 2019 17:16

Instrument :

MSVOA_D

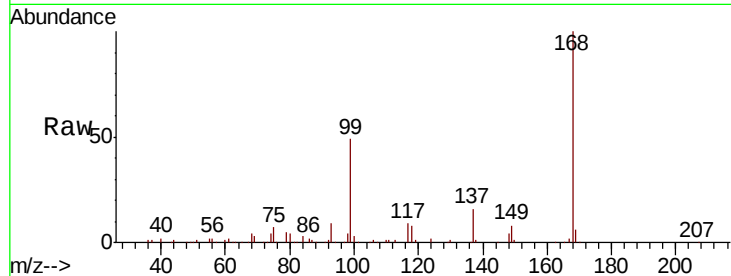
ClientSampleId :

Tot Ion:168 Resp: 641933

Ion Ratio Lower Upper

168 100

99 48.9 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

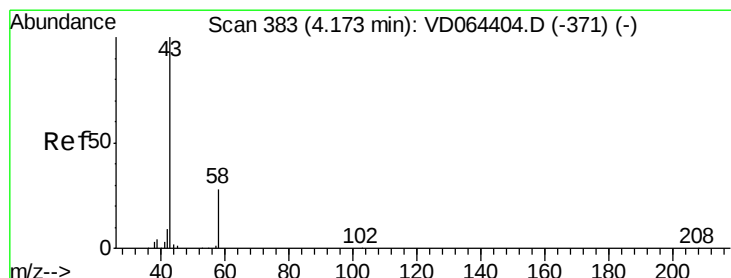
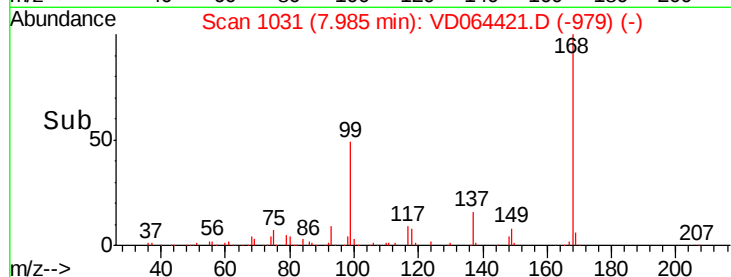
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.212 ug/l

RT: 4.19 min Scan# 385

Delta R.T. 0.01 min

Lab File: VD064421.D

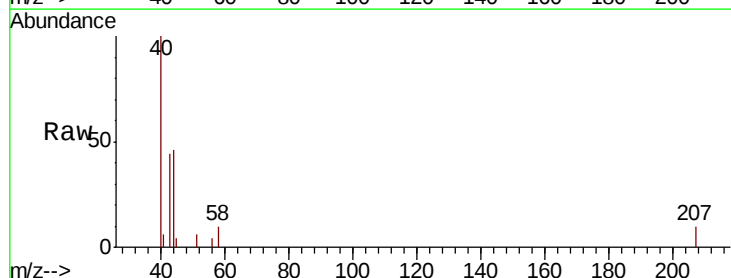
Acq: 04 Dec 2019 17:16

Tgt Ion: 43 Resp: 6120

Ion Ratio Lower Upper

43 100

58 23.6 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.19

2000

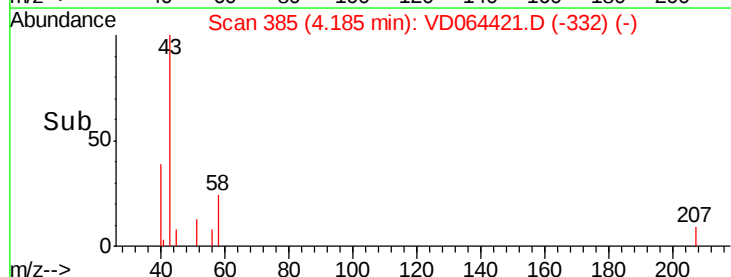
1500

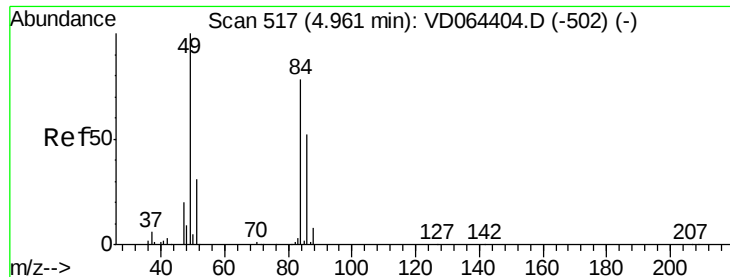
1000

500

0

Time-->

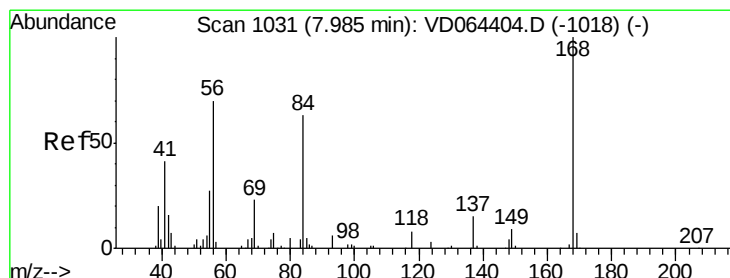
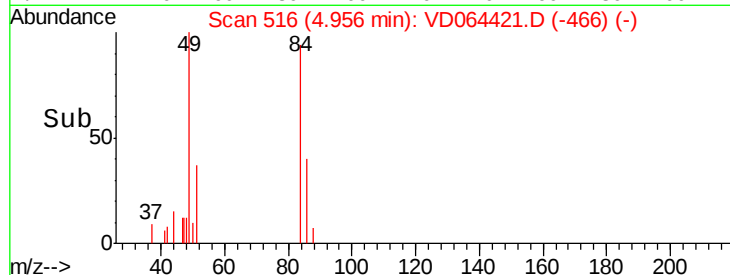
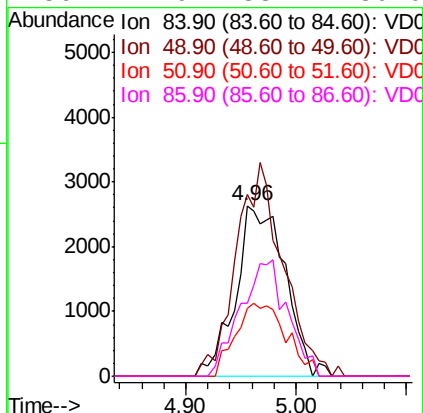
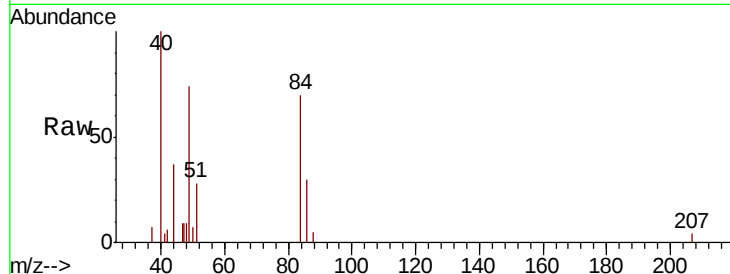




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064421.D
Acq: 04 Dec 2019 17:16

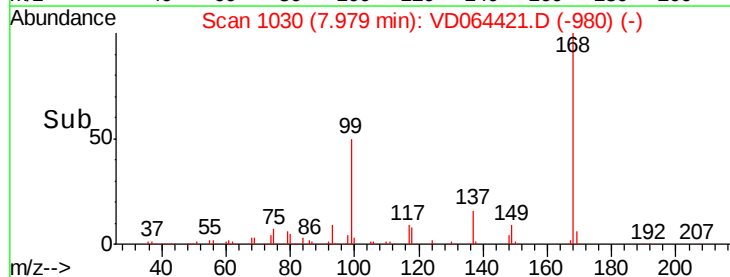
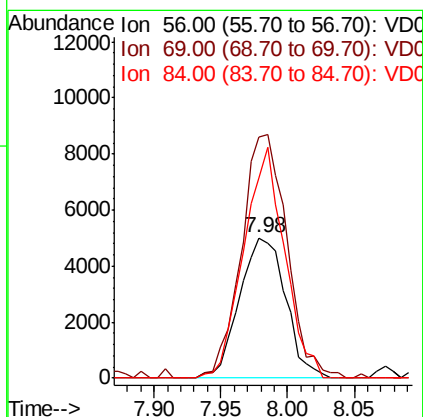
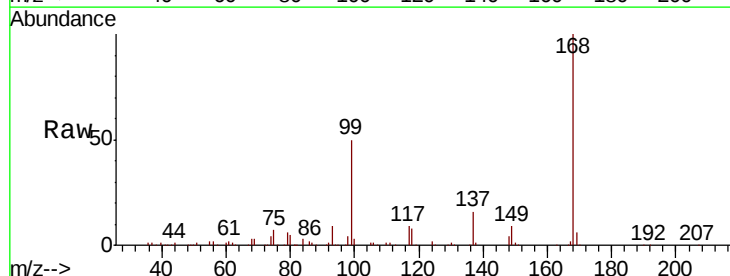
Instrument :
MSVOA_D
ClientSampleID :

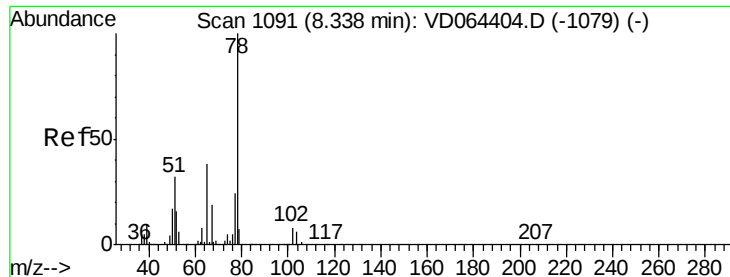
Tot Ion: 84 Resp: 8281
Ion Ratio Lower Upper
84 100
49 106.4 102.6 153.8
51 39.5 32.0 48.0
86 42.9 53.4 80.0#



#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064421.D
Acq: 04 Dec 2019 17:16

Tgt Ion: 56 Resp: 12029
Ion Ratio Lower Upper
56 100
69 171.5 26.2 39.4#
84 142.0 70.3 105.5#

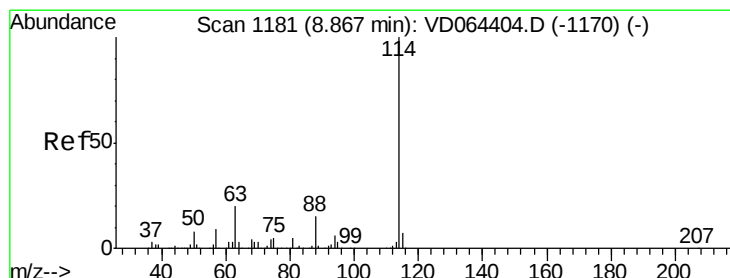
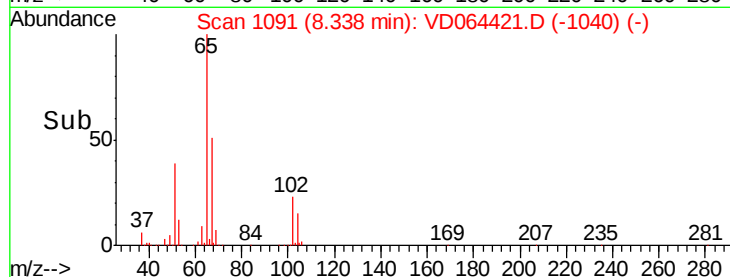
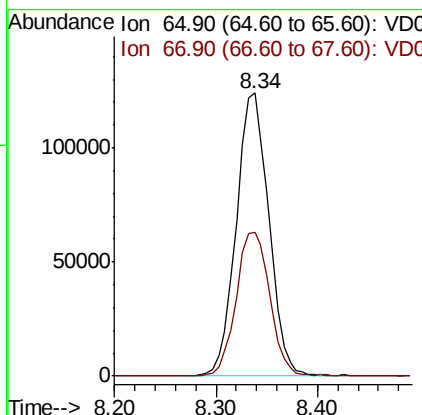
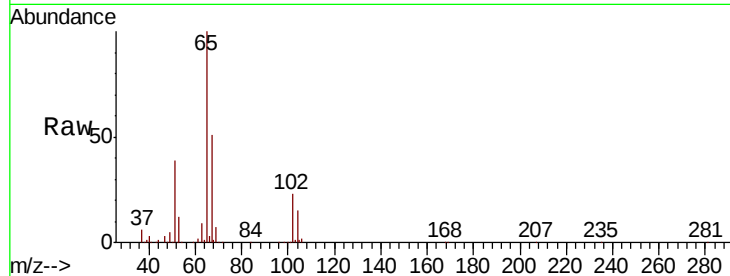




#33
 1,2-Dichloroethane-d4
 Concen: 47.708 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064421.D
 Acq: 04 Dec 2019 17:16

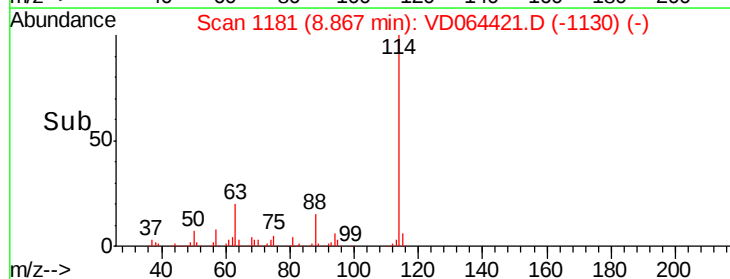
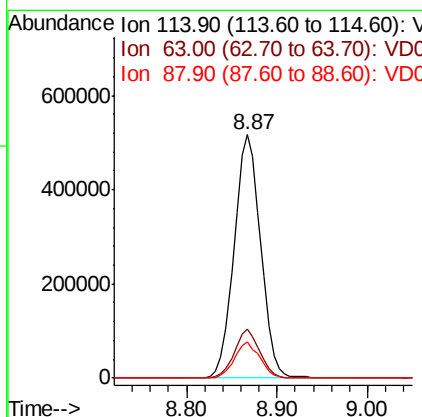
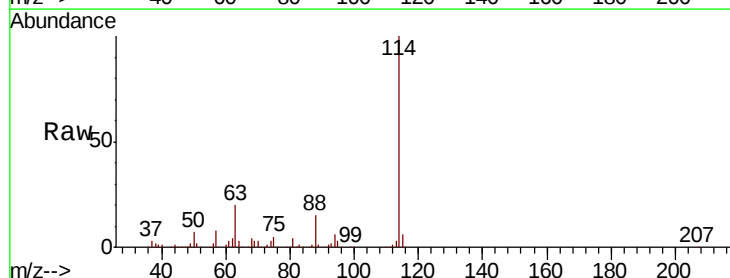
Instrument :
 MSVOA_D
 ClientSampleId :

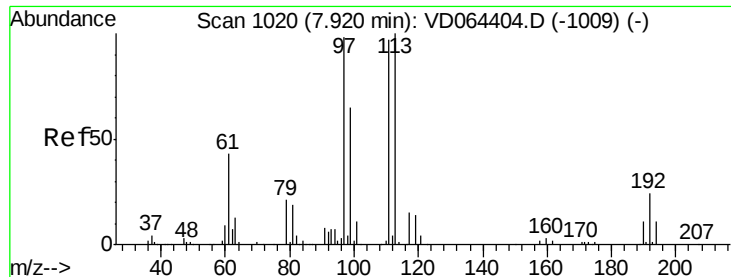
Tot Ion: 65 Resp: 277206
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064421.D
 Acq: 04 Dec 2019 17:16

Tgt Ion: 114 Resp: 1050613
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.0 0.0 29.2

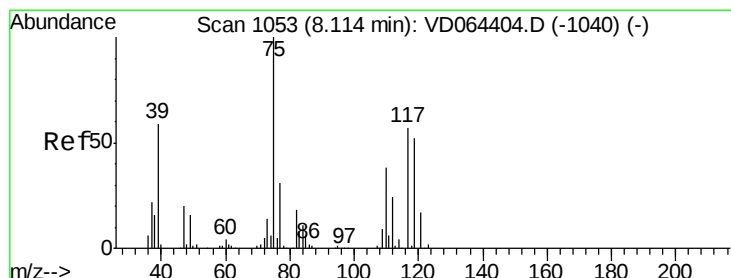
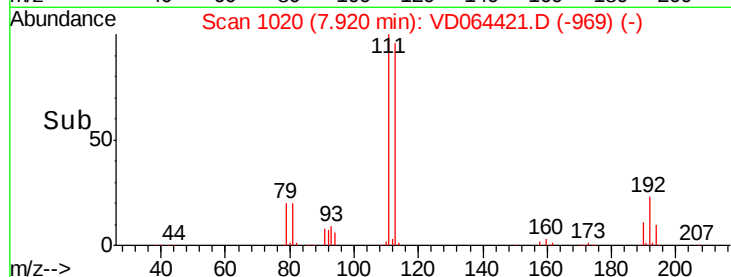
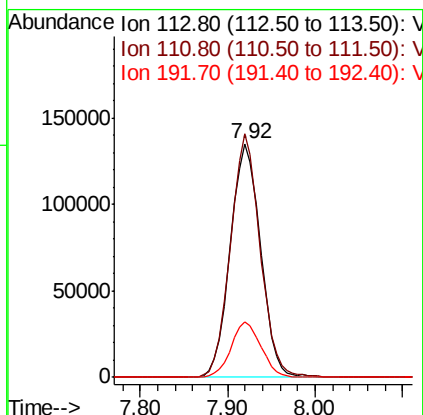
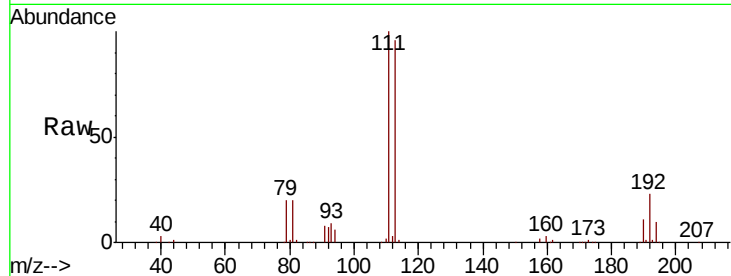




#35
 Dibromofluoromethane
 Concen: 48.047 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064421.D
 Acq: 04 Dec 2019 17:16

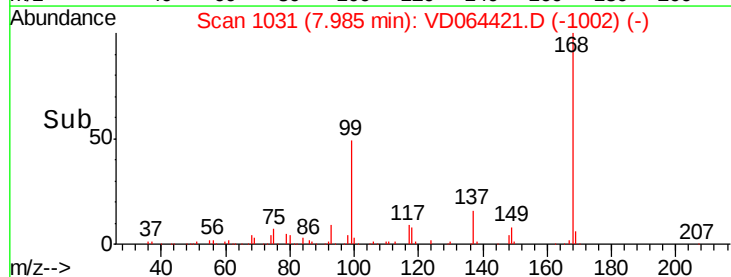
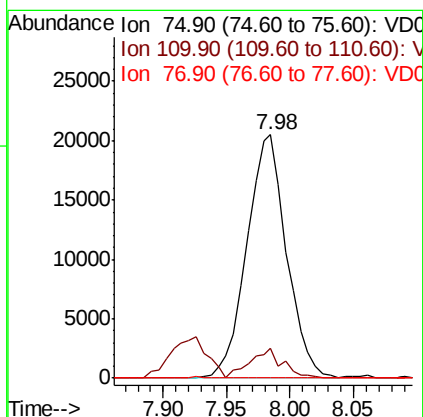
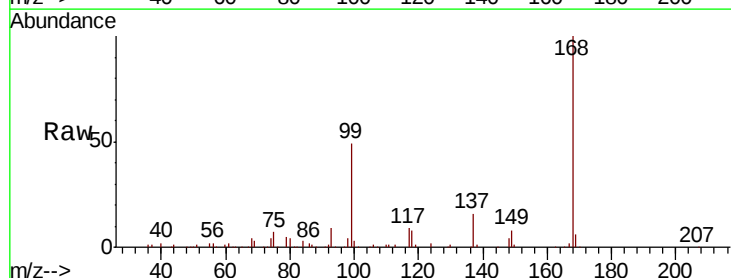
Instrument :
 MSVOA_D
 ClientSampled :

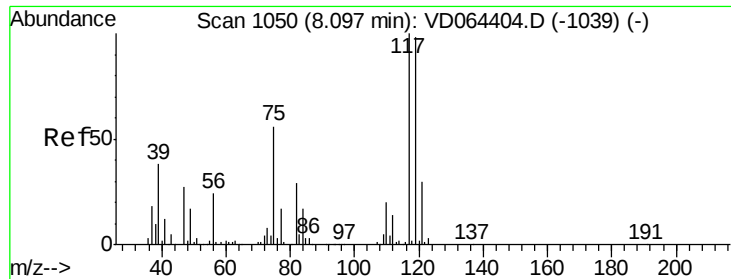
Tot Ion:113 Resp: 318041
 Ion Ratio Lower Upper
 113 100
 111 101.6 79.4 119.2
 192 23.1 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 4.488 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064421.D
 Acq: 04 Dec 2019 17:16

Tgt Ion: 75 Resp: 44594
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.6 55.8#
 77 0.0 25.0 37.4#

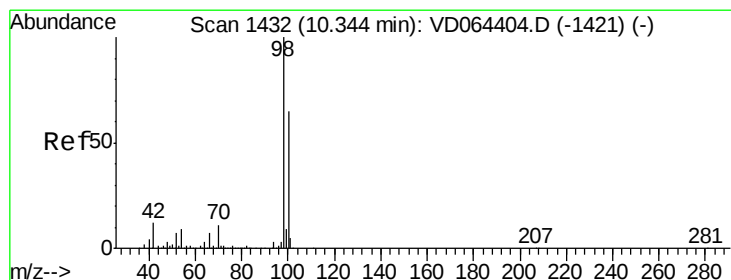
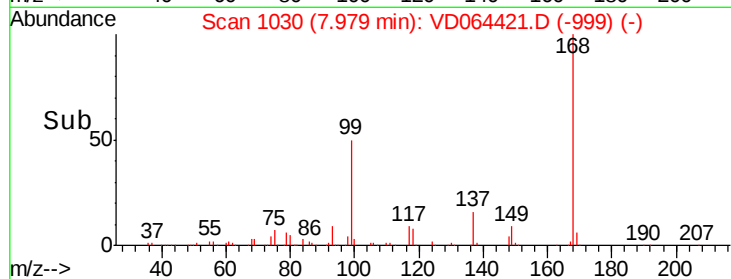
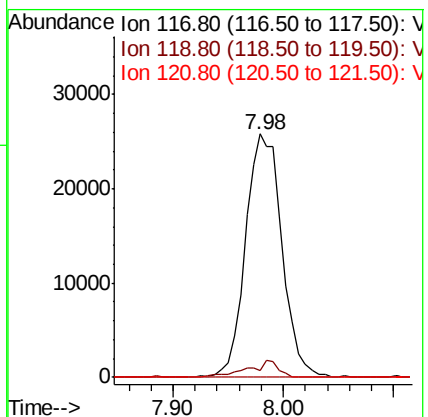
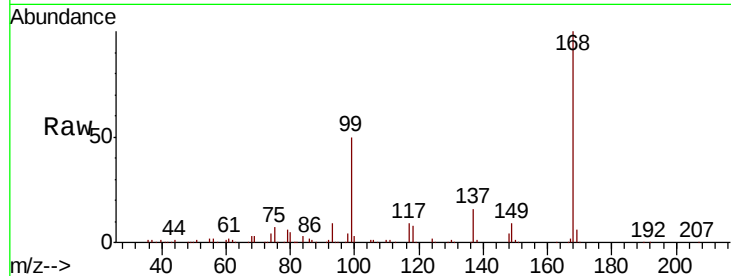




#38
Carbon Tetrachloride
Concen: 5.672 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064421.D
Acq: 04 Dec 2019 17:16

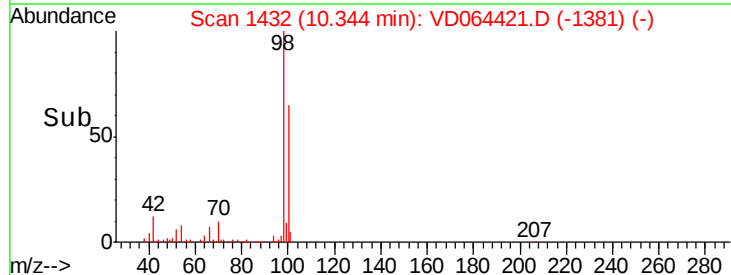
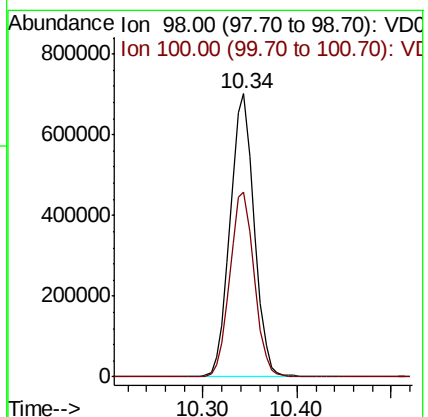
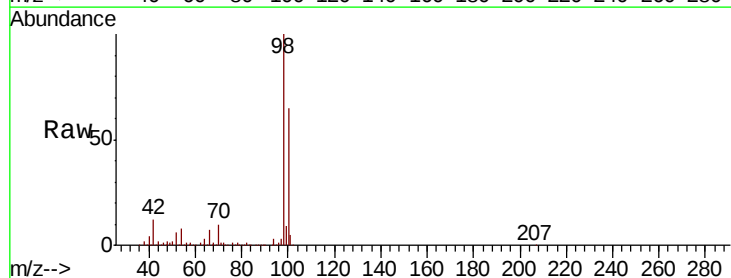
Instrument :
MSVOA_D
ClientSampled :

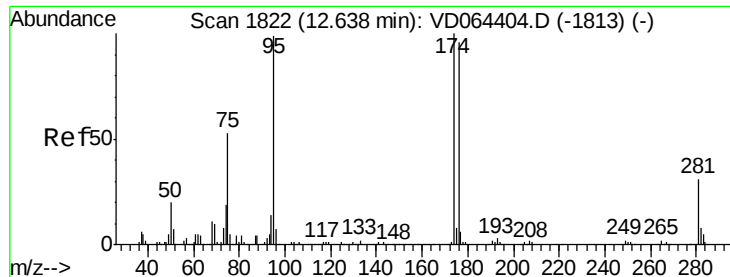
Tot Ion:117 Resp: 59484
Ion Ratio Lower Upper
117 100
119 2.9 78.8 118.2#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.079 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064421.D
Acq: 04 Dec 2019 17:16

Tgt Ion: 98 Resp: 1248692
Ion Ratio Lower Upper
98 100
100 66.1 52.6 79.0

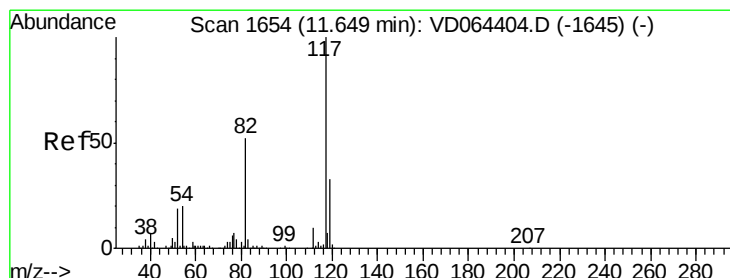
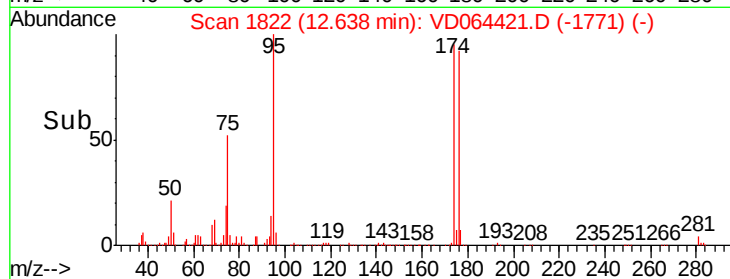
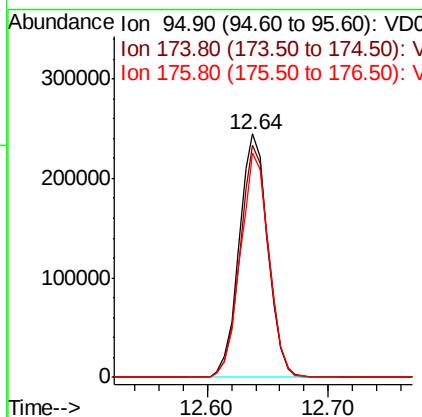
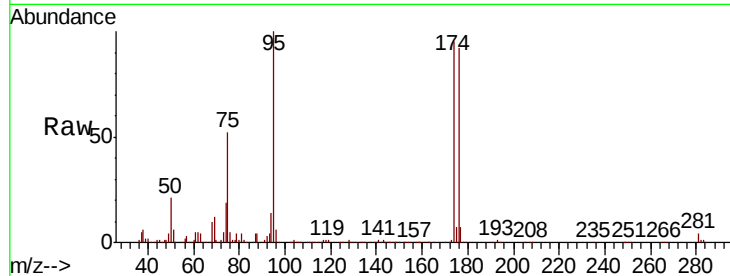




#62
4-Bromofluorobenzene
Concen: 50.469 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064421.D
Acq: 04 Dec 2019 17:16

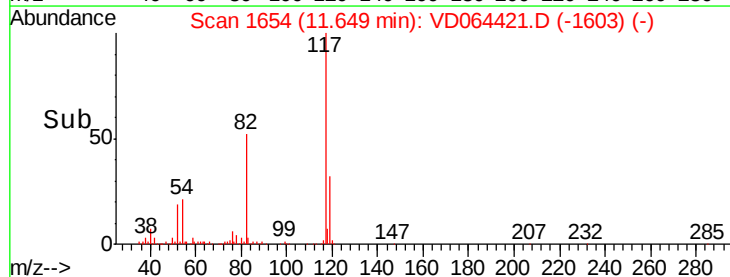
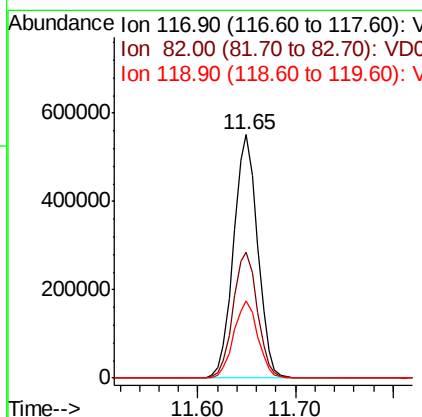
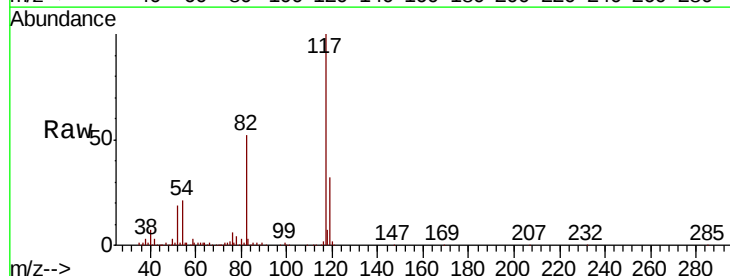
Instrument :
MSVOA_D
ClientSampleId :

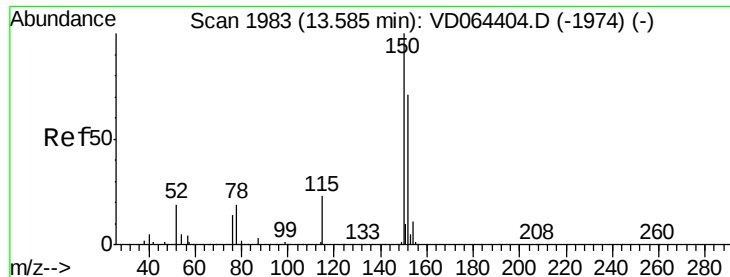
Tot Ion: 95 Resp: 404420
Ion Ratio Lower Upper
95 100
174 94.9 0.0 197.2
176 91.3 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064421.D
Acq: 04 Dec 2019 17:16

Tgt Ion: 117 Resp: 946686
Ion Ratio Lower Upper
117 100
82 51.9 41.4 62.2
119 31.6 26.2 39.2



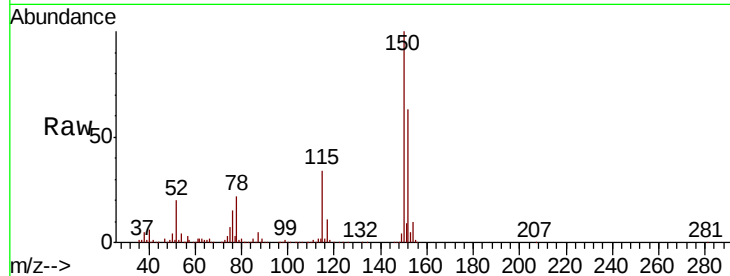


#72

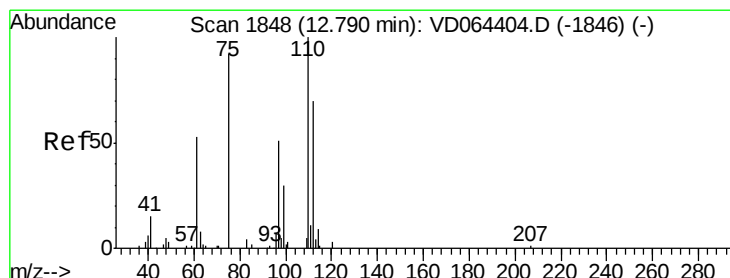
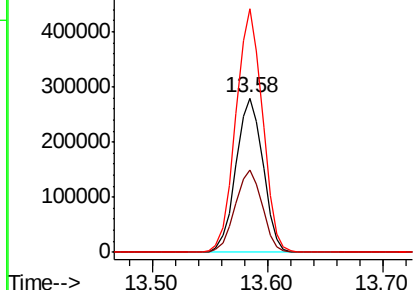
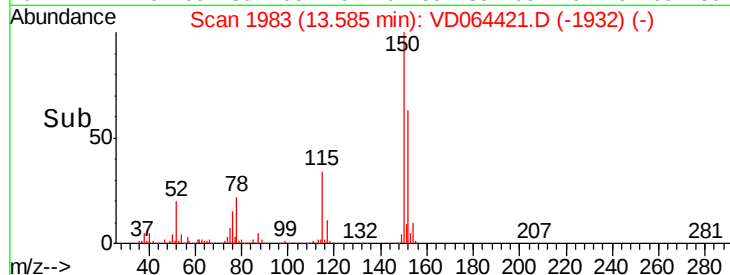
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064421.D
Acq: 04 Dec 2019 17:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.7	80.1
150	156.0	0.0	347.2



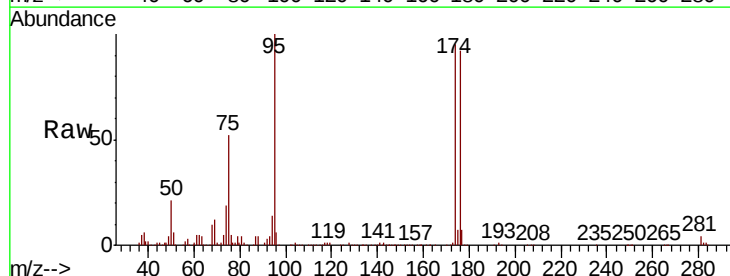
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



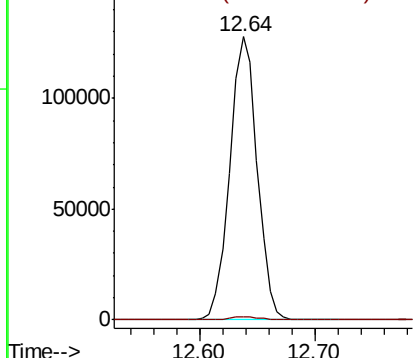
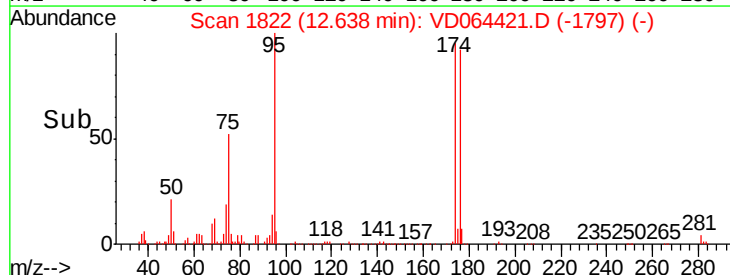
#76

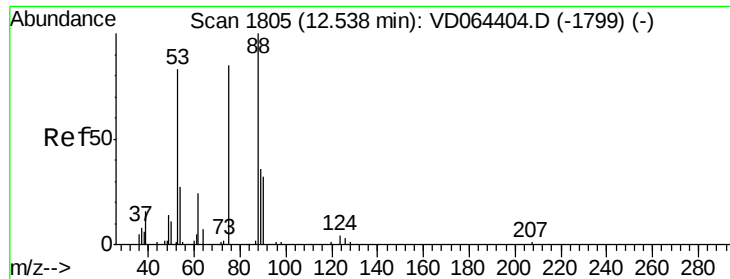
1,2,3-Trichloropropane
Concen: 56.196 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064421.D
Acq: 04 Dec 2019 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	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: 122.537 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064421.D

Acq: 04 Dec 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

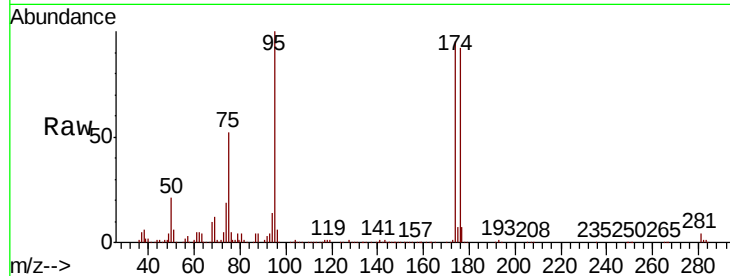
Tot Ion: 75 Resp: 209509

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

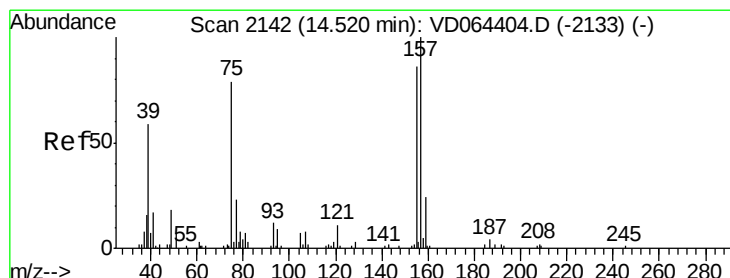
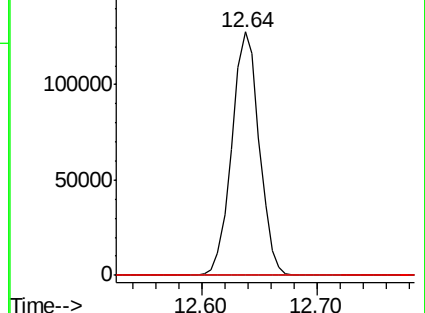
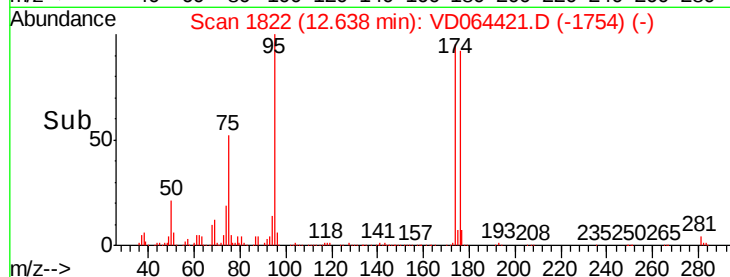
89 0.0 38.5 57.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.50 min Scan# 2139

Delta R.T. -0.02 min

Lab File: VD064421.D

Acq: 04 Dec 2019 17:16

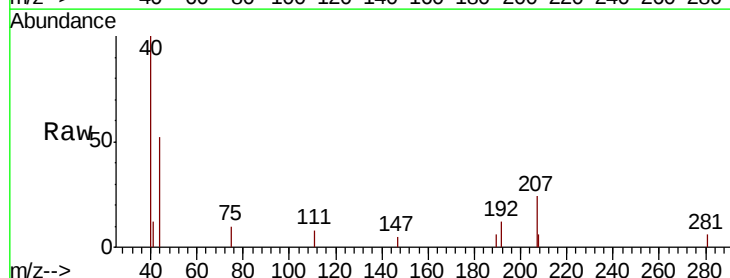
Tgt Ion: 75 Resp: 252

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

157 0.0 63.2 189.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

