

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064460.D
 Acq On : 06 Dec 2019 15:56
 Operator : VA/SY
 Sample : K6187-05
 Misc : 5.28G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 22:37:22 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

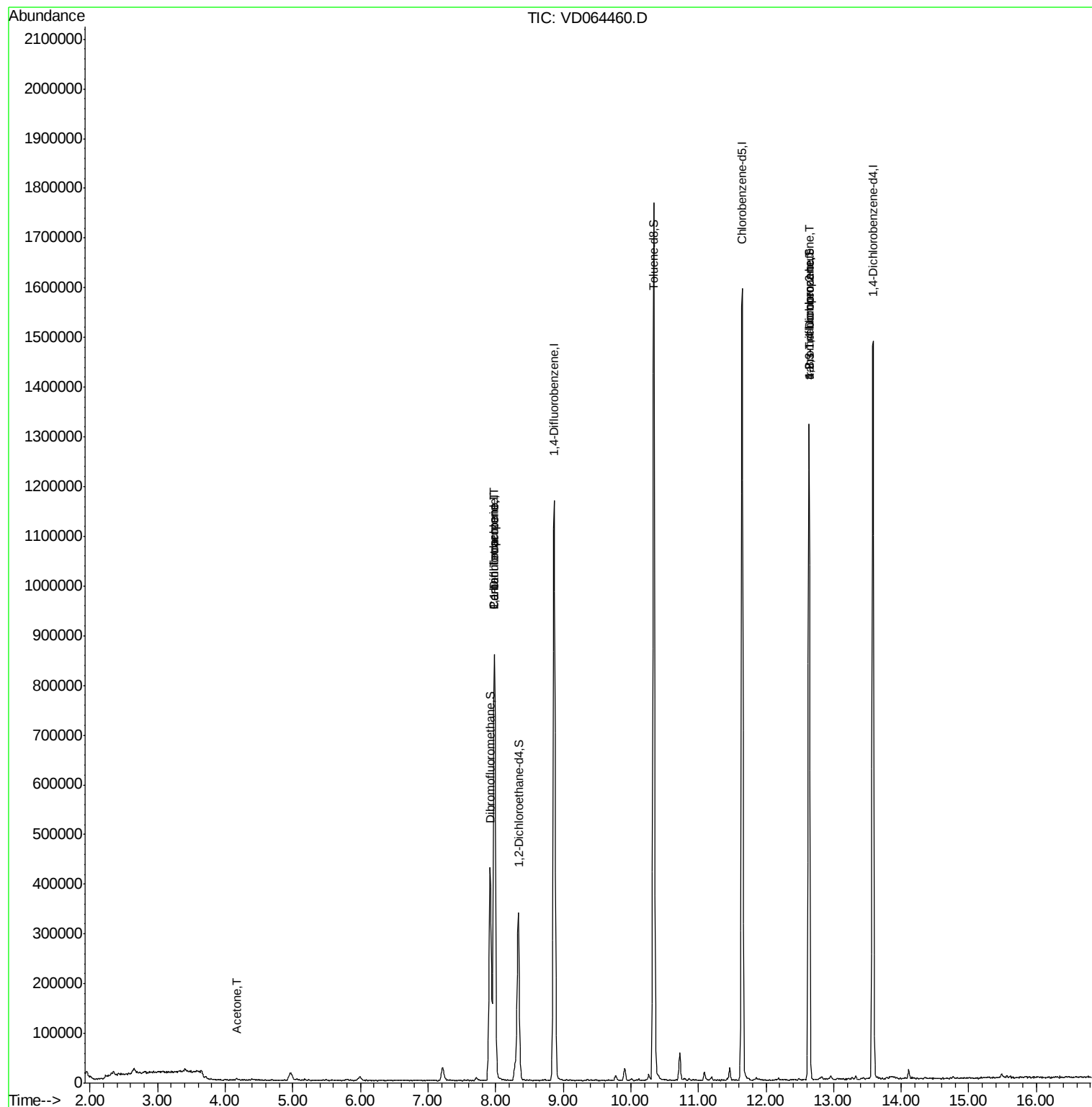
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	706925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1029000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	923827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	416733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	264212	41.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.58%	
35) Dibromofluoromethane	7.92	113	299285	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
50) Toluene-d8	10.34	98	1202503	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.64	95	384984	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	6055	4.683	ug/l #	88
20) Methylene Chloride	4.96	84	11746	Below Cal	#	76
31) Cyclohexane	7.98	56	13661	Below Cal	#	1
36) 1,1-Dichloropropene	7.98	75	47275	4.857	ug/l #	48
38) Carbon Tetrachloride	7.98	117	62753	6.109	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	201417	58.772	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	201417	128.154	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.51	75	67	Below Cal	#	1

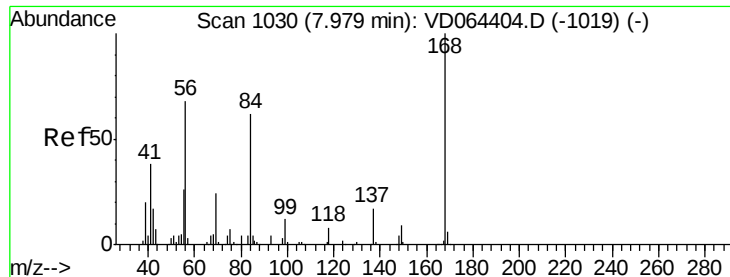
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120619\
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ALS Vial : 13 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :

Quant Time: Dec 06 22:37:22 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: VD064460.D

Acq: 06 Dec 2019 15:56

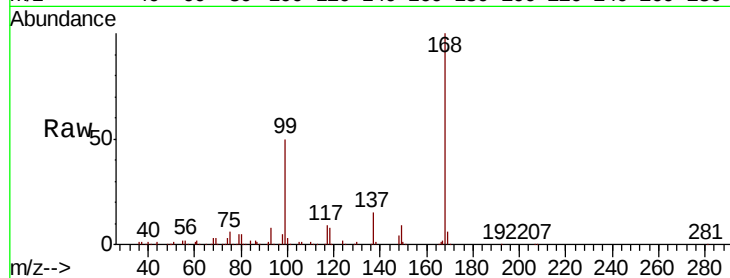
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 706925

Ion Ratio Lower Upper

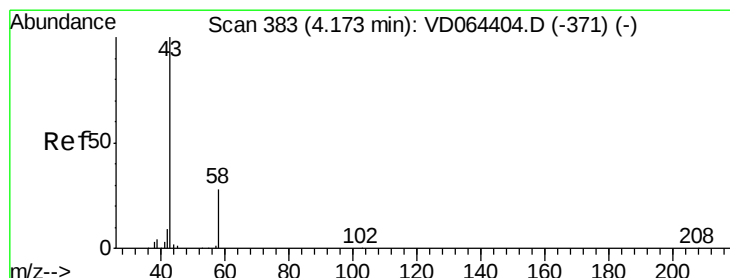
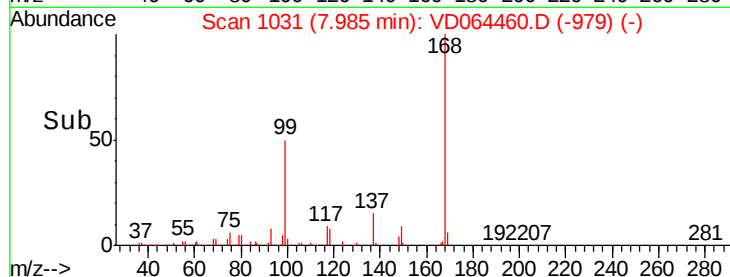
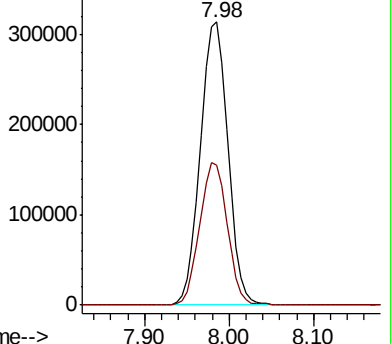
168 100

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



#16

Acetone

Concen: 4.683 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064460.D

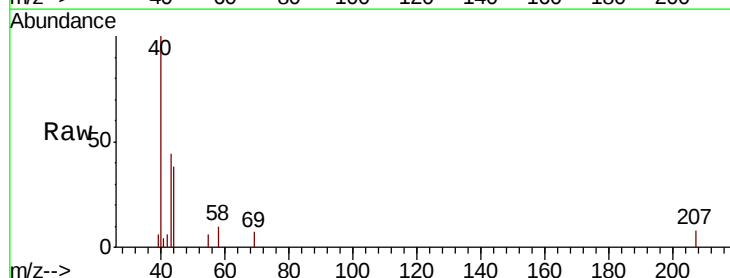
Acq: 06 Dec 2019 15:56

Tgt Ion: 43 Resp: 6055

Ion Ratio Lower Upper

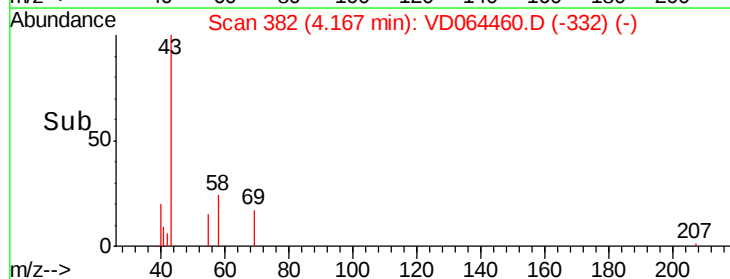
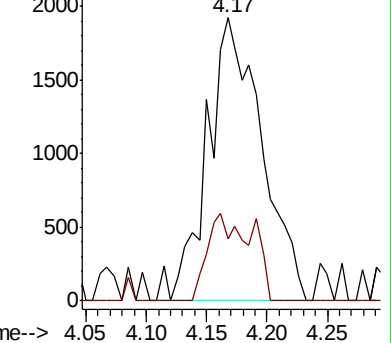
43 100

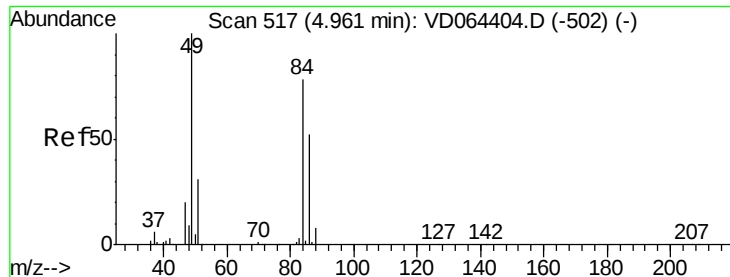
58 21.8 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

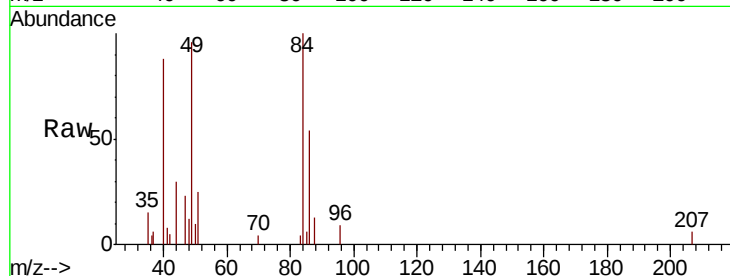




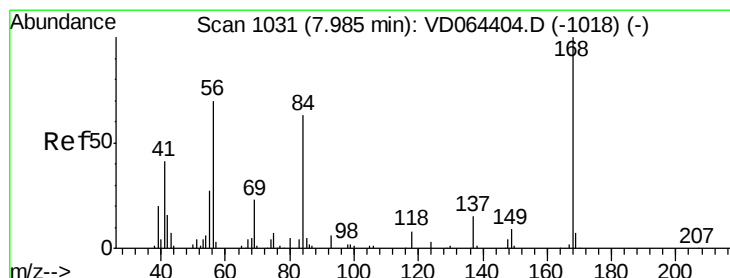
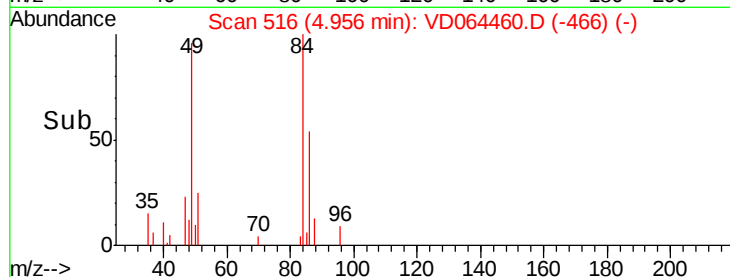
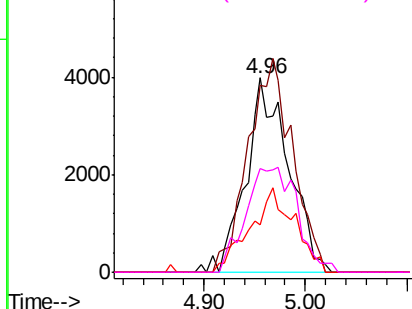
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064460.D
Acq: 06 Dec 2019 15:56

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 11746
Ion Ratio Lower Upper
84 100
49 96.4 102.6 153.8#
51 24.7 32.0 48.0#
86 53.6 53.4 80.0

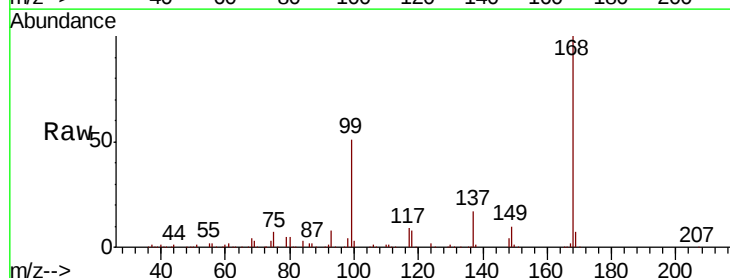


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

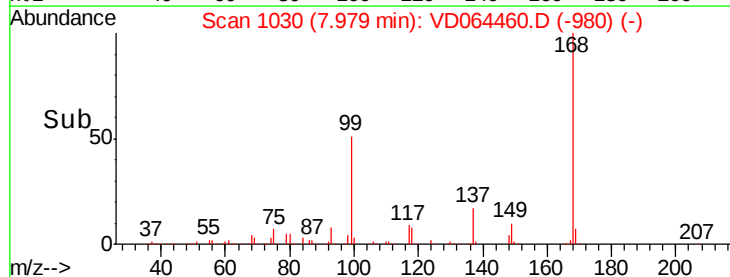
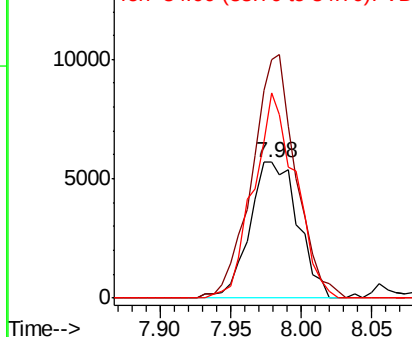


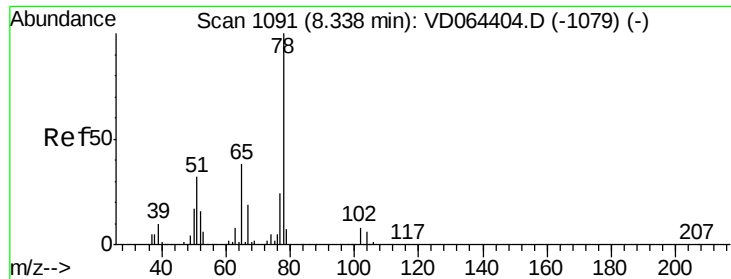
#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD064460.D
Acq: 06 Dec 2019 15:56

Tgt Ion: 56 Resp: 13661
Ion Ratio Lower Upper
56 100
69 175.0 26.2 39.4#
84 150.4 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

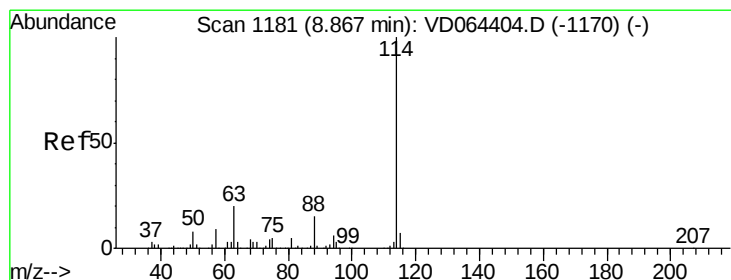
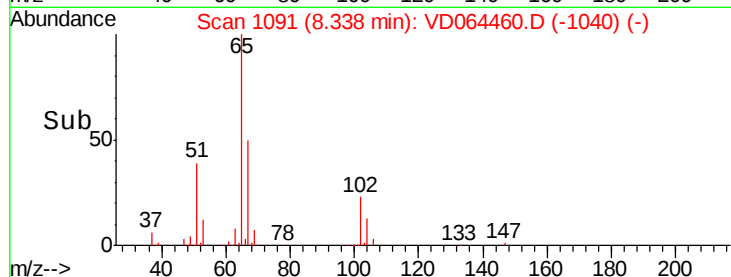
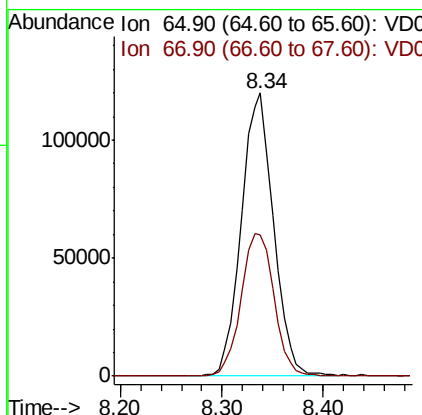
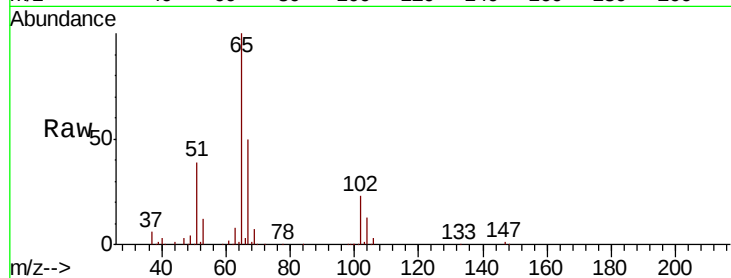




#33
 1,2-Dichloroethane-d4
 Concen: 41.291 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064460.D
 Acq: 06 Dec 2019 15:56

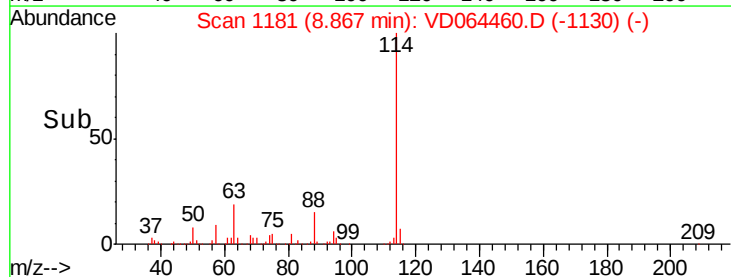
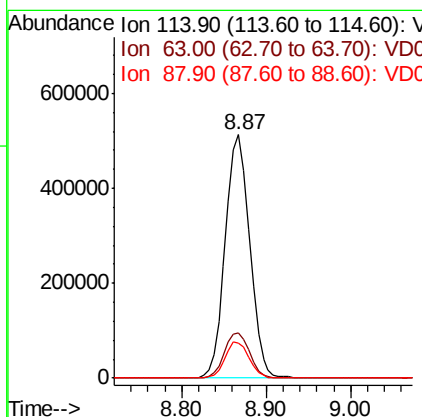
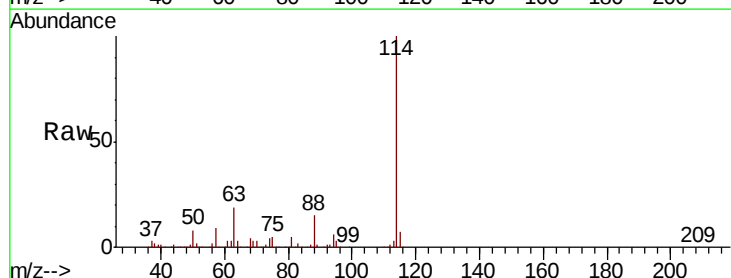
Instrument :
 MSVOA_D
 ClientSampled :

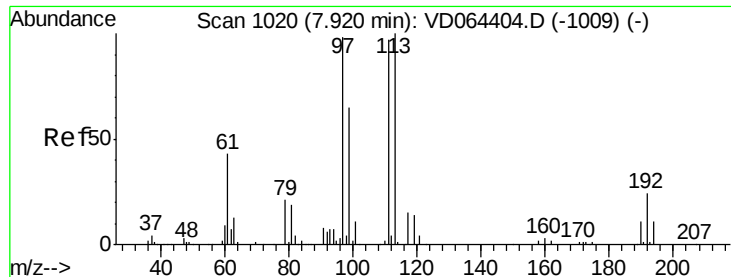
Tot Ion: 65 Resp: 264212
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064460.D
 Acq: 06 Dec 2019 15:56

Tgt Ion: 114 Resp: 1029000
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.0
 88 14.5 0.0 29.2

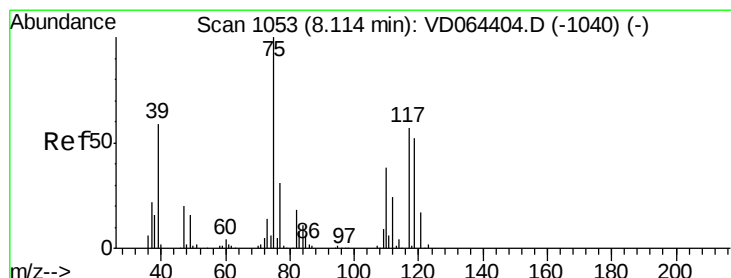
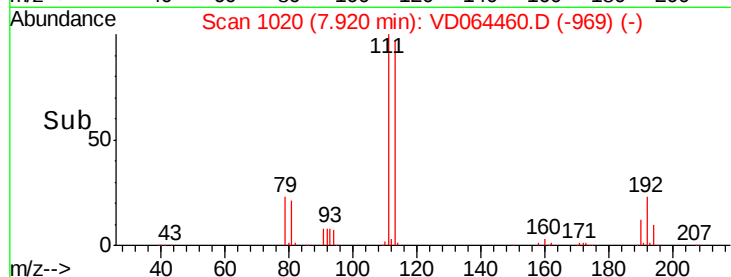
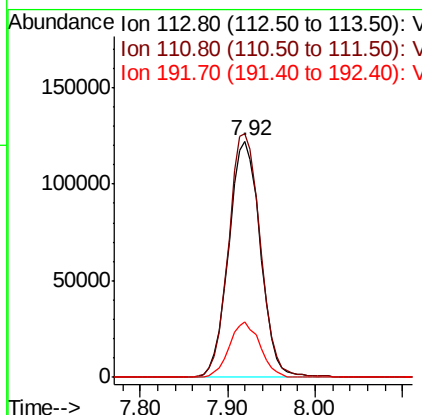
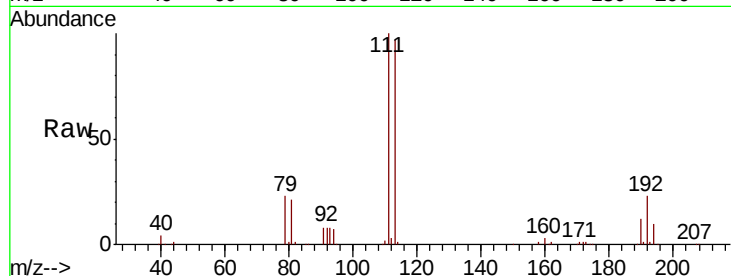




#35
 Dibromofluoromethane
 Concen: 46.163 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064460.D
 Acq: 06 Dec 2019 15:56

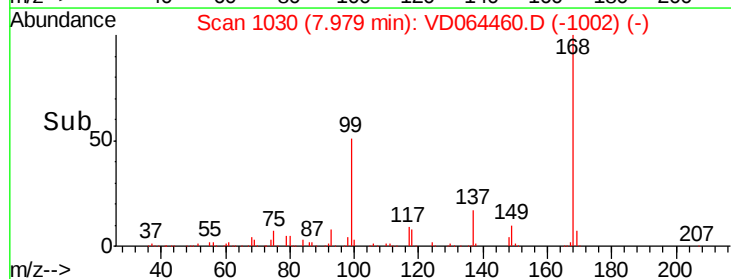
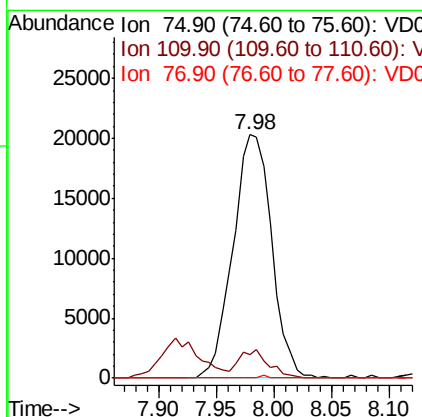
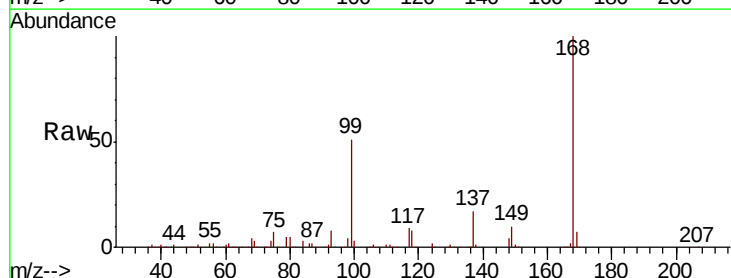
Instrument :
 MSVOA_D
 ClientSampleId :

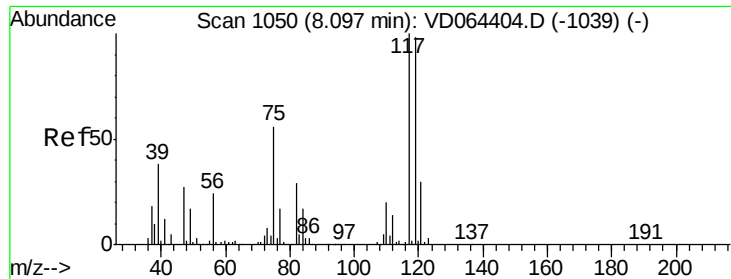
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	79.4	119.2
192	22.8	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 4.857 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064460.D
 Acq: 06 Dec 2019 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.6	55.8#
77	0.2	25.0	37.4#

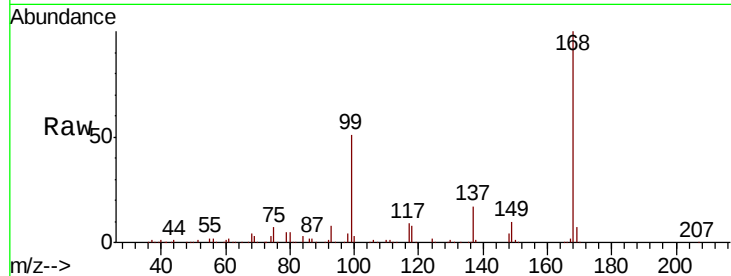




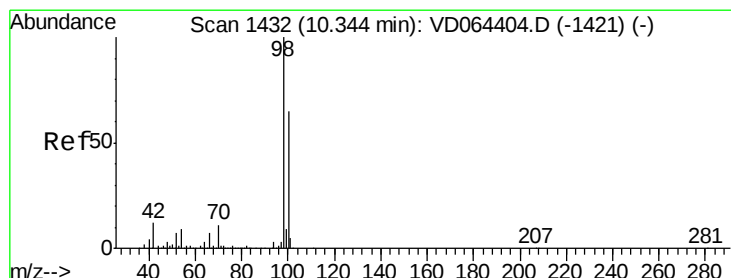
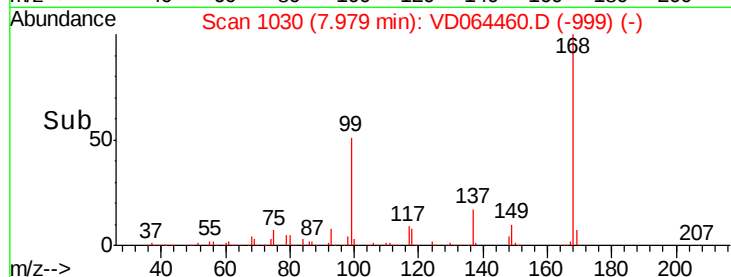
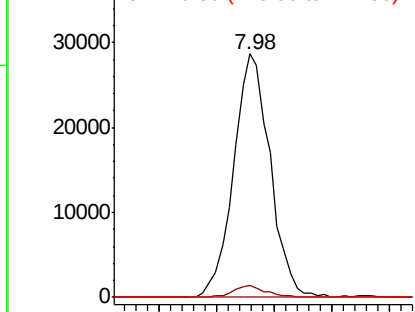
#38
Carbon Tetrachloride
Concen: 6.109 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064460.D
Acq: 06 Dec 2019 15:56

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 62753
Ion Ratio Lower Upper
117 100
119 4.7 78.8 118.2#
121 0.0 24.2 36.2#

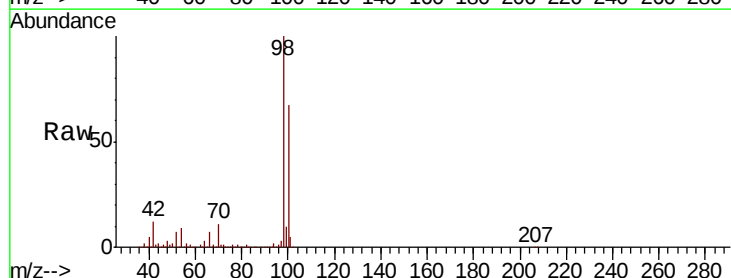


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

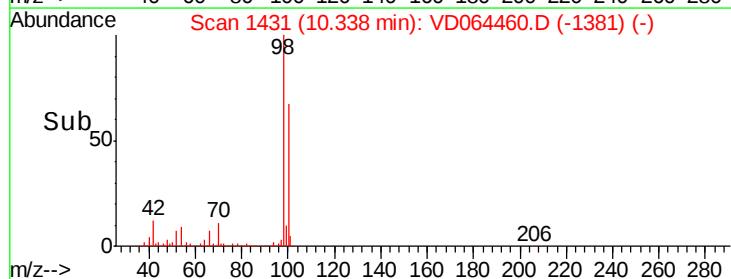
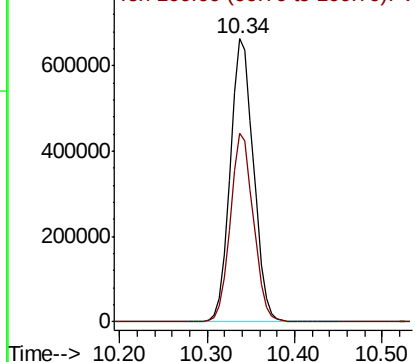


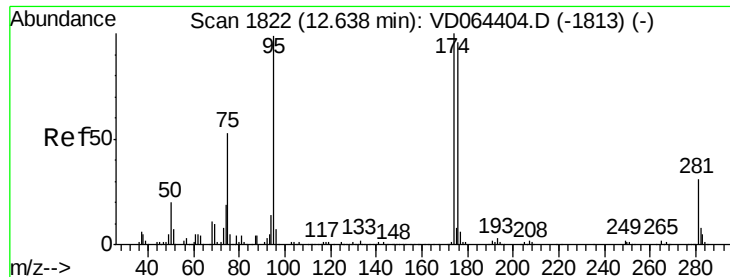
#50
Toluene-d8
Concen: 49.239 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064460.D
Acq: 06 Dec 2019 15:56

Tgt Ion: 98 Resp: 1202503
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VD

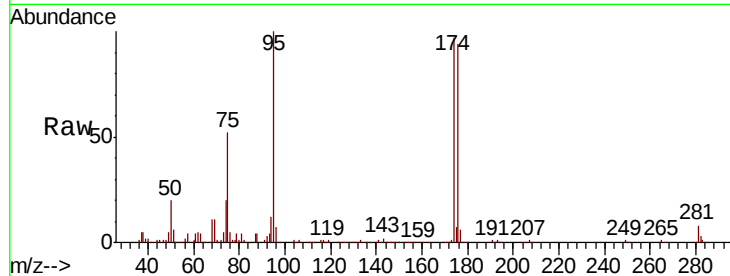




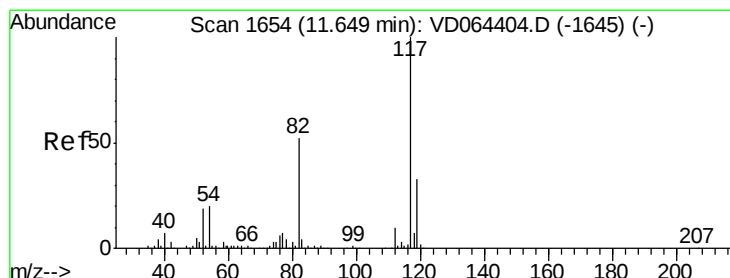
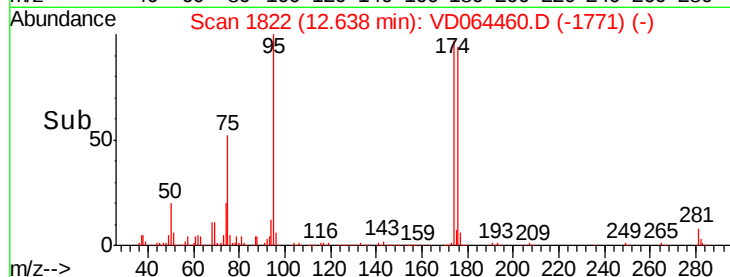
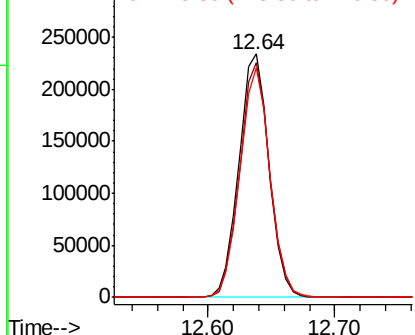
#62
4-Bromofluorobenzene
Concen: 49.052 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064460.D
Acq: 06 Dec 2019 15:56

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 384984
Ion Ratio Lower Upper
95 100
174 95.5 0.0 197.2
176 93.9 0.0 189.6

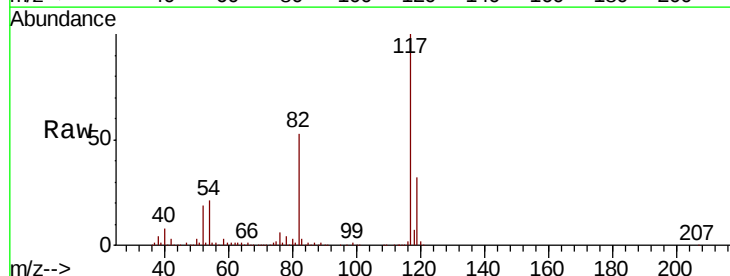


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

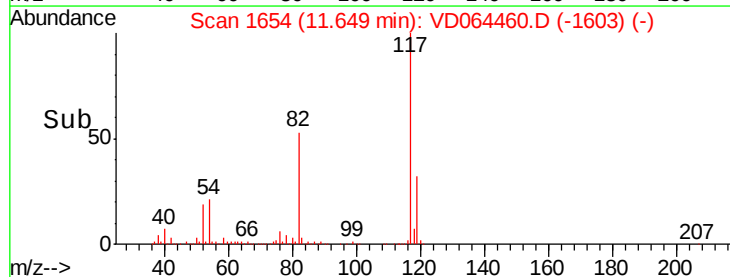
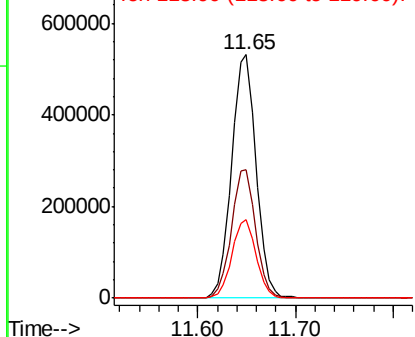


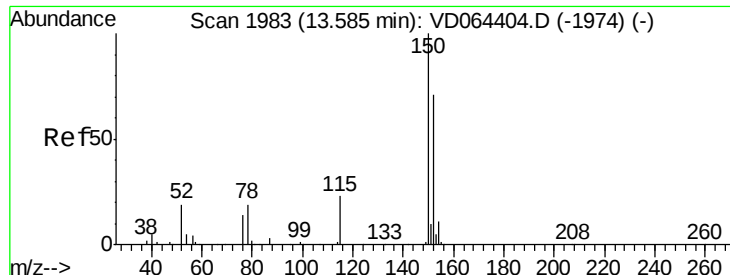
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064460.D
Acq: 06 Dec 2019 15:56

Tgt Ion: 117 Resp: 923827
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.2
119 32.5 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: VD064460.D

Acq: 06 Dec 2019 15:56

Instrument :

MSVOA_D

ClientSampleId :

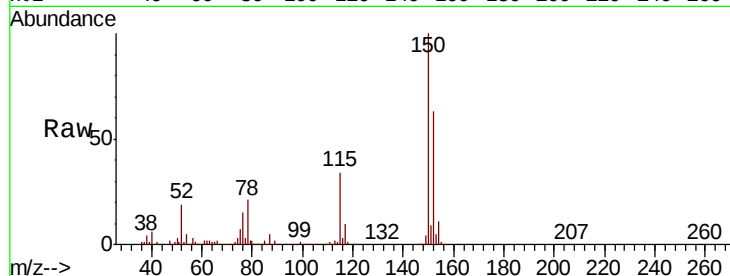
Tot Ion:152 Resp: 416733

Ion Ratio Lower Upper

152 100

115 54.6 26.7 80.1

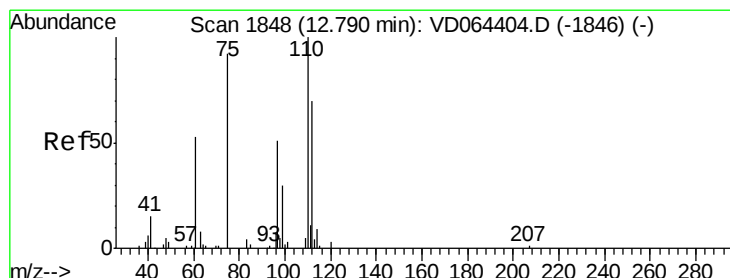
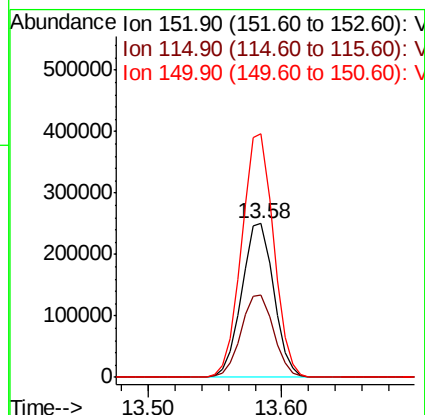
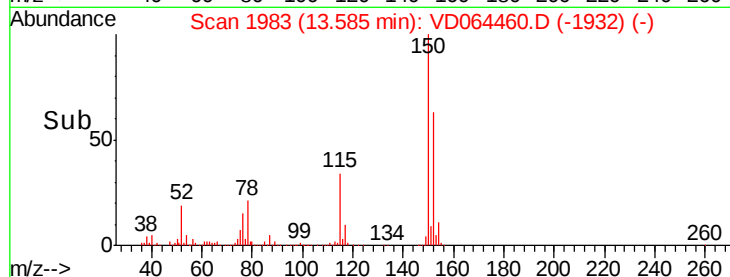
150 157.3 0.0 347.2



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: 58.772 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064460.D

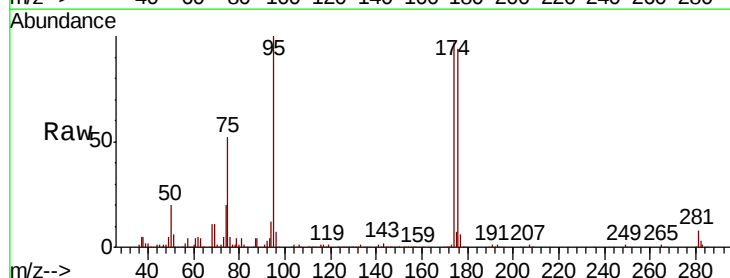
Acq: 06 Dec 2019 15:56

Tgt Ion: 75 Resp: 201417

Ion Ratio Lower Upper

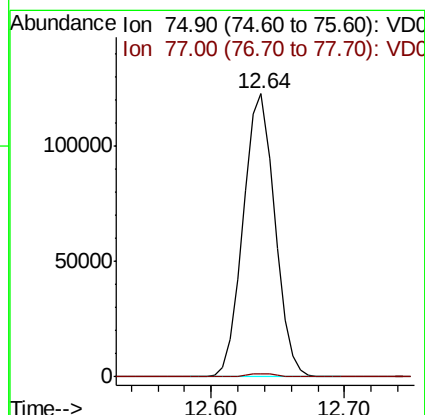
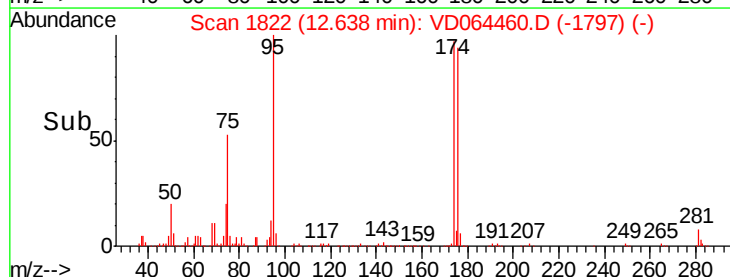
75 100

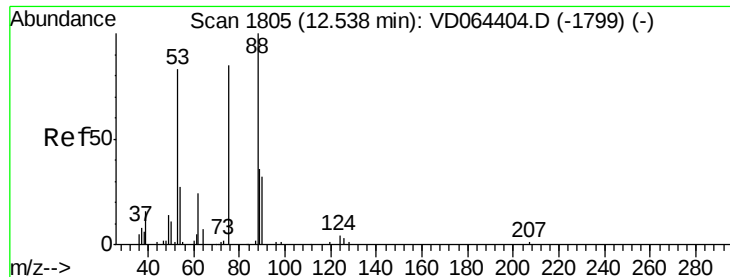
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 128.154 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064460.D

Acq: 06 Dec 2019 15:56

Instrument :

MSVOA_D

ClientSampleId :

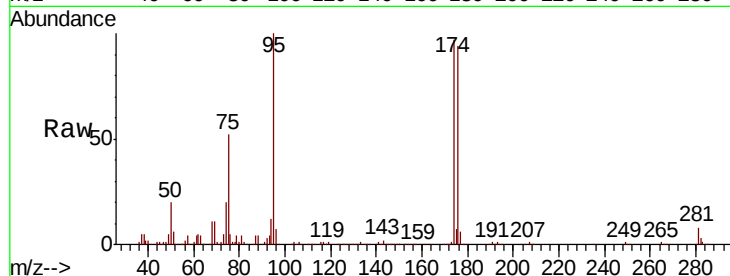
Tot Ion: 75 Resp: 201417

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

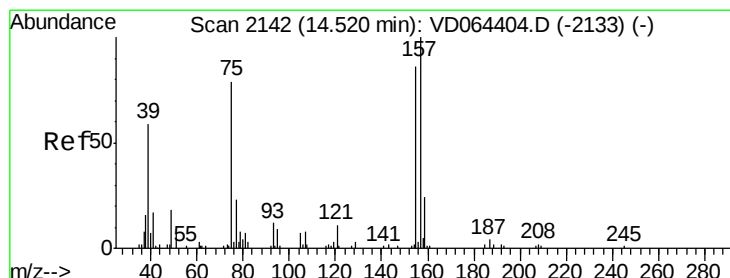
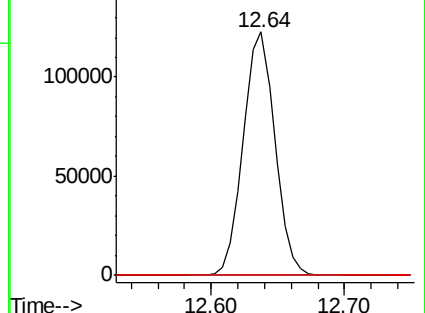
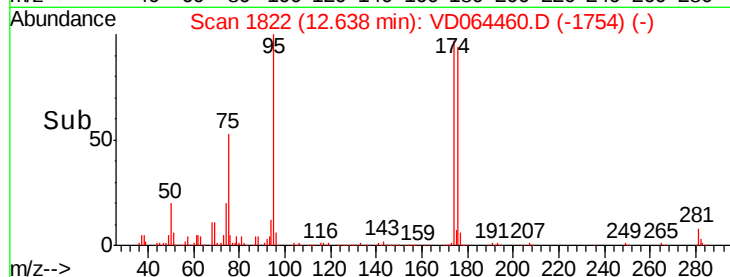
89 0.1 38.5 57.7#



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: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD064460.D

Acq: 06 Dec 2019 15:56

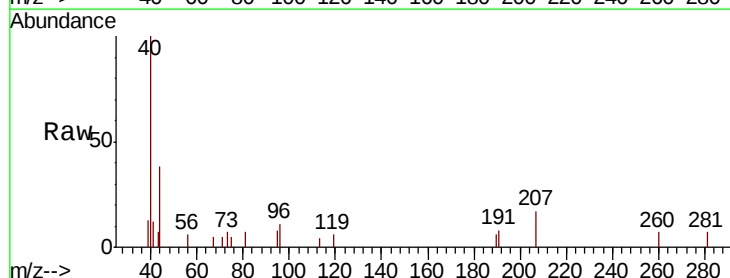
Tgt Ion: 75 Resp: 67

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

