

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064456.D
 Acq On : 06 Dec 2019 14:01
 Operator : VA/SY
 Sample : K6187-01
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 22:36:38 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

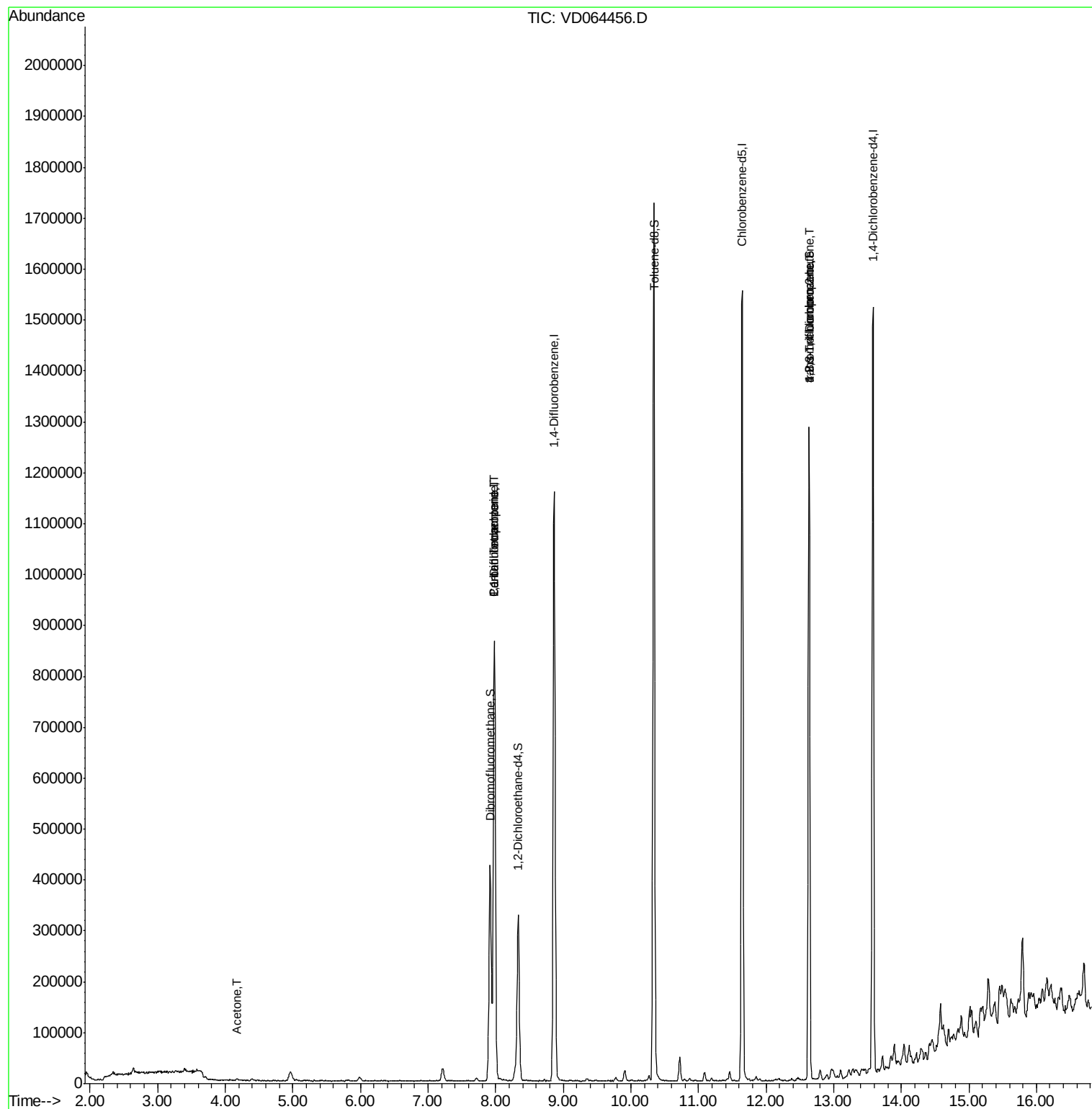
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	700358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1008927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	900774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	421962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	258449	40.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.54%	
35) Dibromofluoromethane	7.91	113	293803	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
50) Toluene-d8	10.34	98	1196491	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.64	95	381212	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	5297	4.135	ug/l	90
20) Methylene Chloride	4.96	84	13066	Below Cal	#	93
31) Cyclohexane	7.98	56	14803	Below Cal	#	14
36) 1,1-Dichloropropene	7.98	75	47585	4.986	ug/l #	44
38) Carbon Tetrachloride	7.98	117	65631	6.516	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	202526	58.364	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	202526	127.263	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.50	75	249	Below Cal	#	1

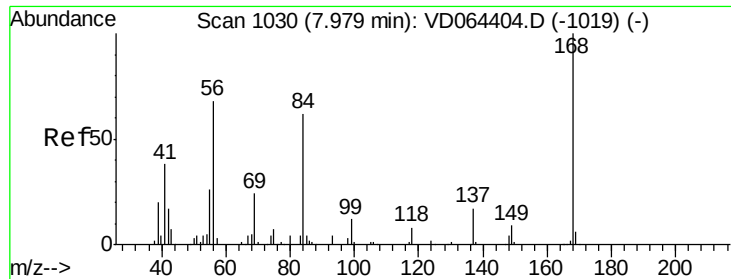
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120619\
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Quant Time: Dec 06 22:36:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064456.D

Acq: 06 Dec 2019 14:01

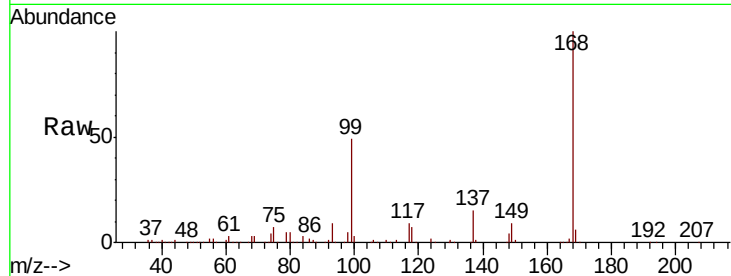
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 700358

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

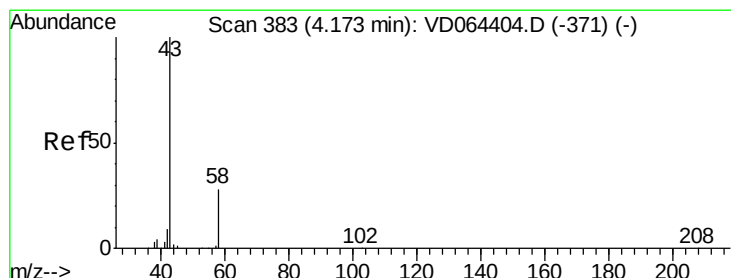
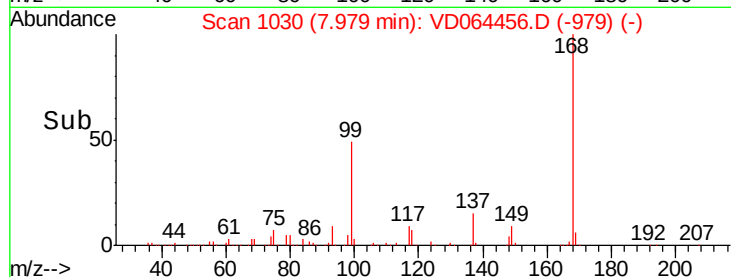
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.135 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064456.D

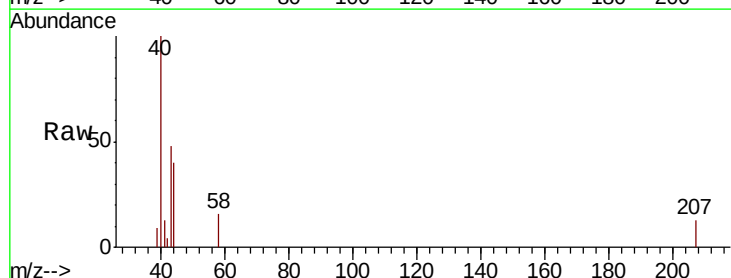
Acq: 06 Dec 2019 14:01

Tgt Ion: 43 Resp: 5297

Ion Ratio Lower Upper

43 100

58 33.3 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

2000

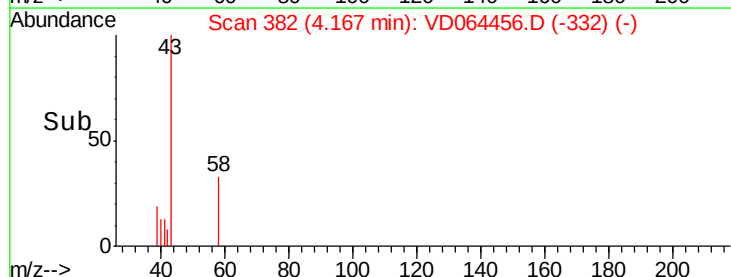
1500

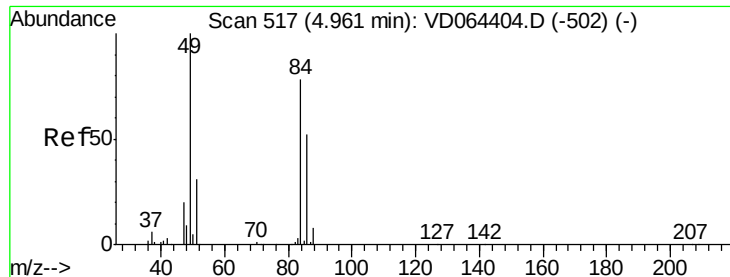
1000

500

0

Time-->

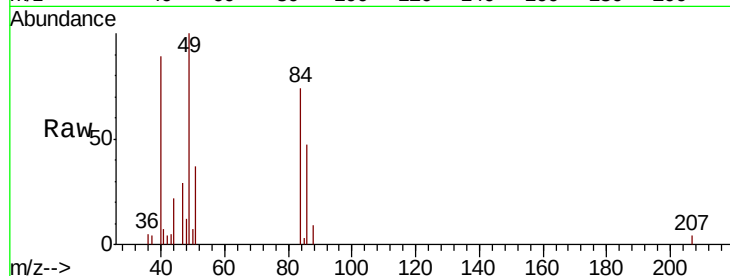




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064456.D
Acq: 06 Dec 2019 14:01

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
84	100		
49	134.6	102.6	153.8
51	49.8	32.0	48.0#
86	63.2	53.4	80.0



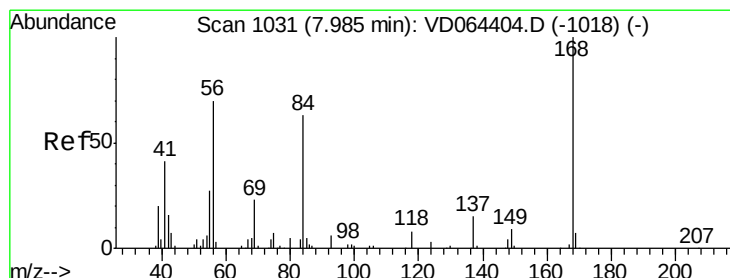
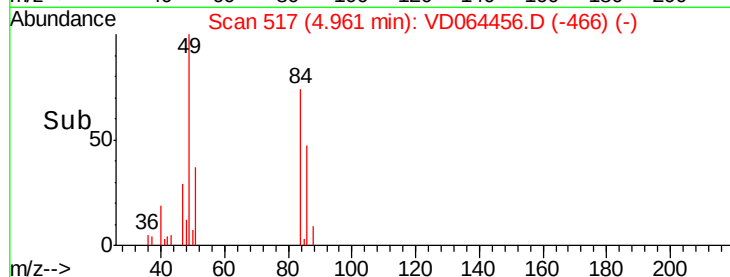
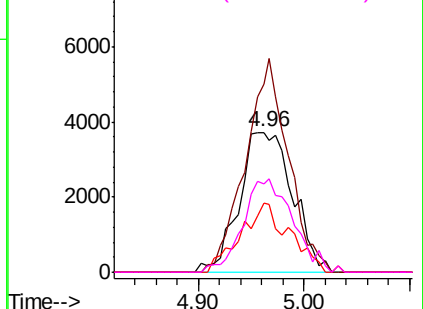
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

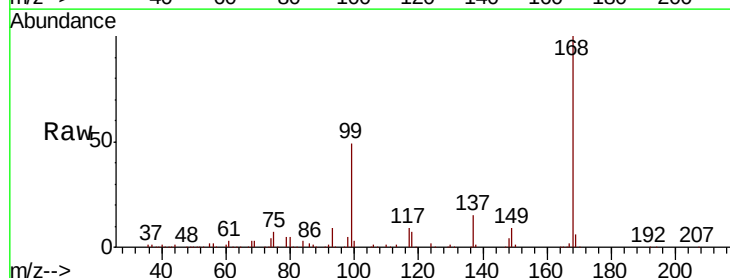
Ion 50.90 (50.60 to 51.60): VDC

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: VD064456.D
Acq: 06 Dec 2019 14:01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	144.9	26.2	39.4#
84	128.2	70.3	105.5#

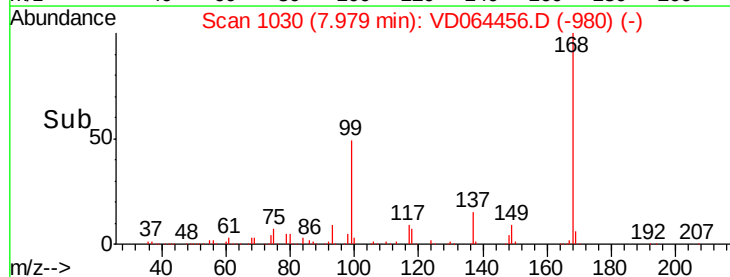
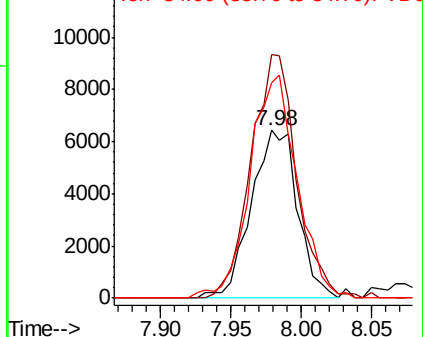


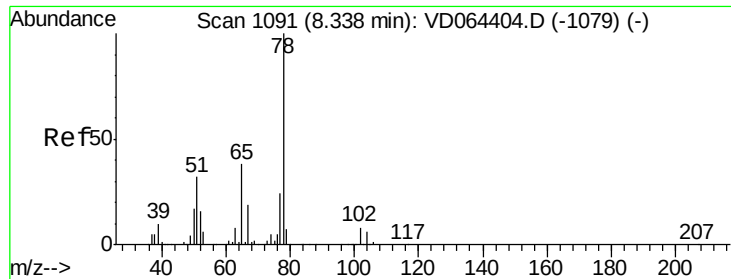
Abundance

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

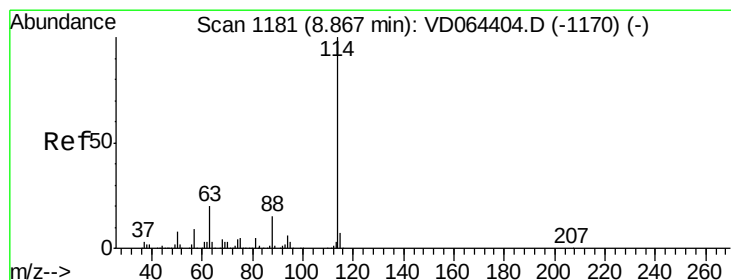
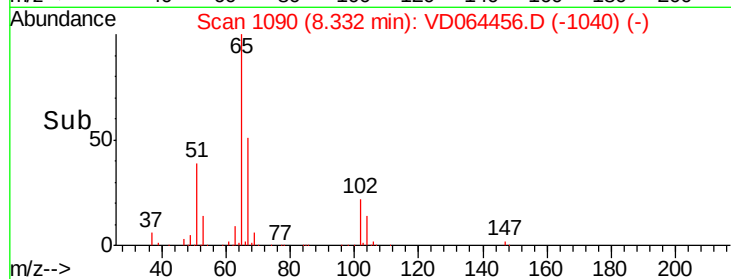
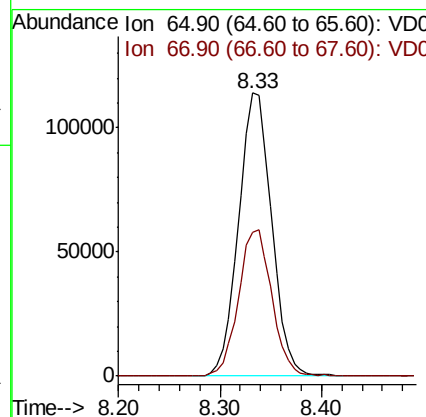
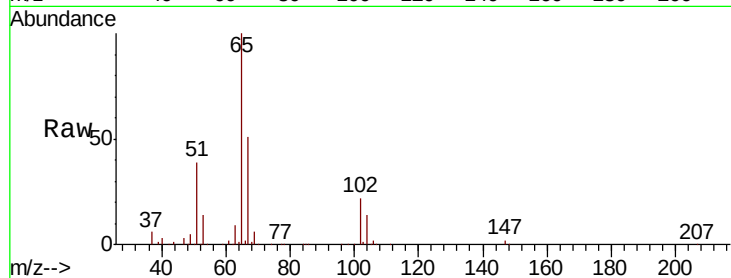




#33
 1,2-Dichloroethane-d4
 Concen: 40.770 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064456.D
 Acq: 06 Dec 2019 14:01

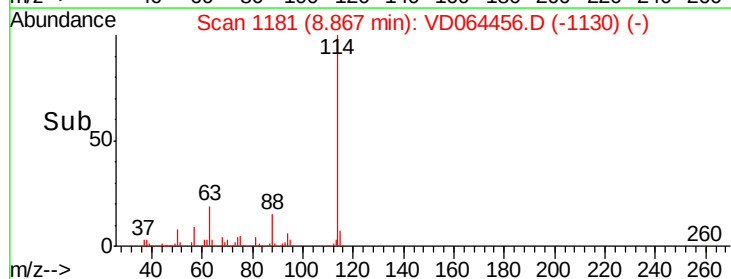
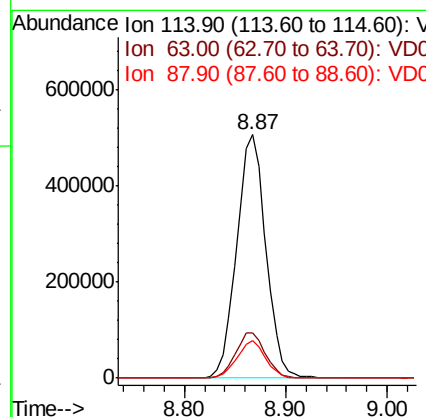
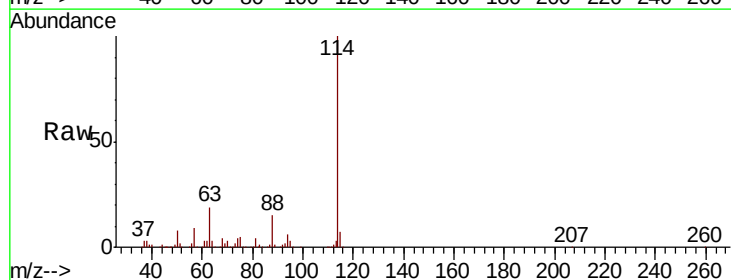
Instrument :
 MSVOA_D
 ClientSampleId :

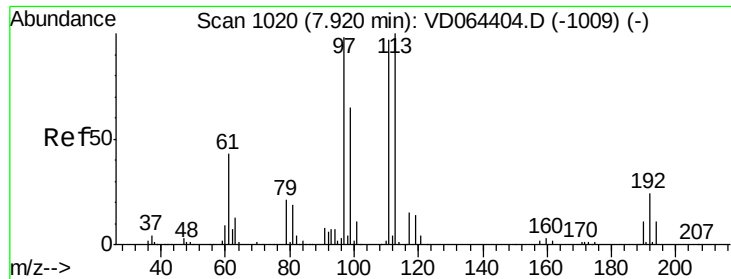
Tot Ion: 65 Resp: 258449
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064456.D
 Acq: 06 Dec 2019 14:01

Tgt Ion: 114 Resp: 1008927
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.0
 88 15.4 0.0 29.2

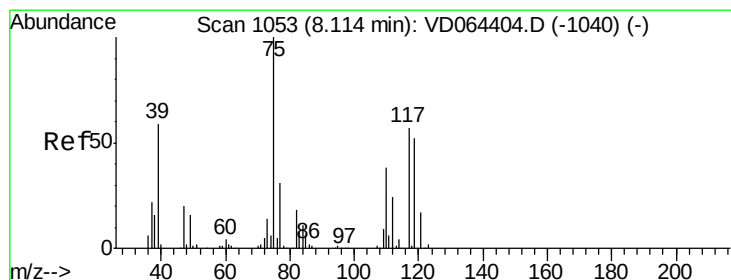
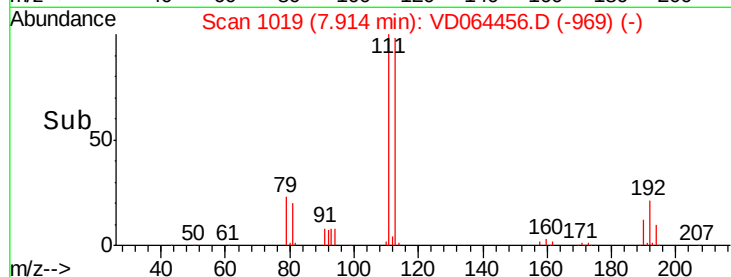
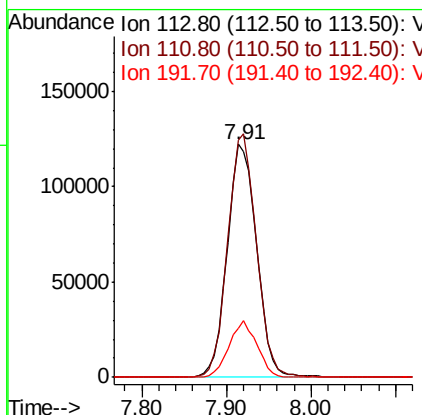
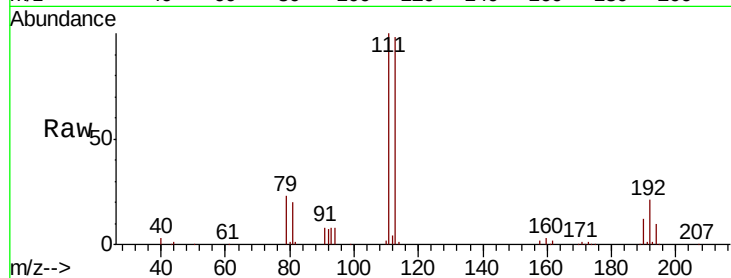




#35
 Dibromofluoromethane
 Concen: 46.219 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064456.D
 Acq: 06 Dec 2019 14:01

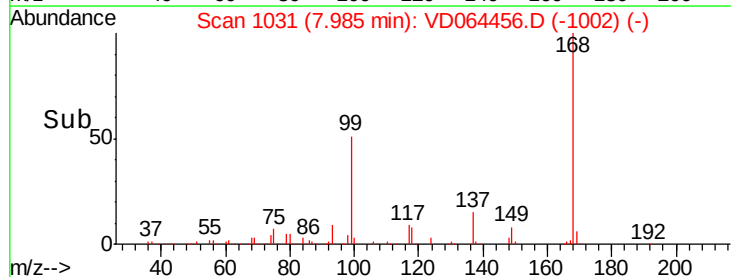
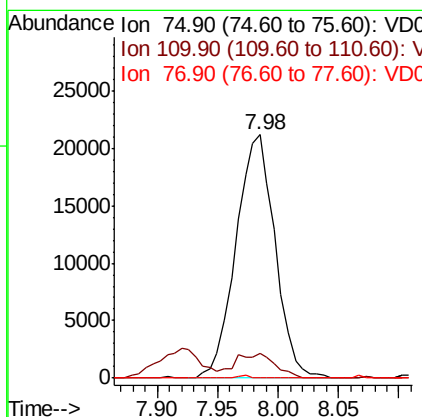
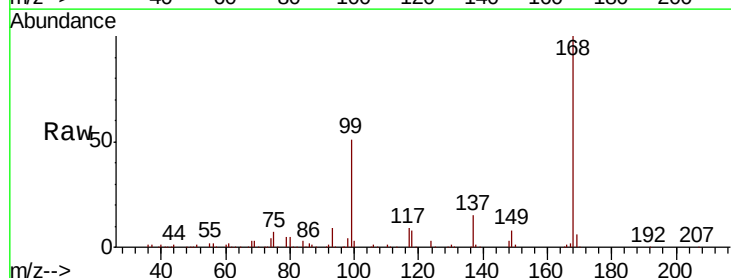
Instrument :
 MSVOA_D
 ClientSampleId :

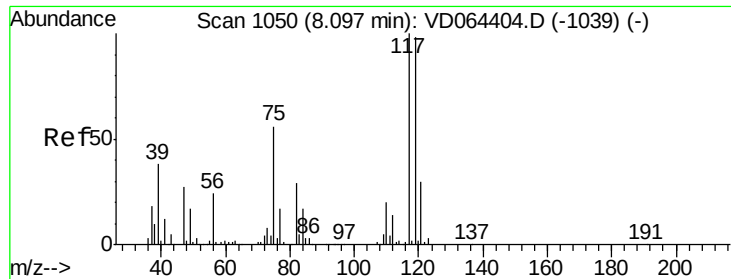
Tot Ion:113 Resp: 293803
 Ion Ratio Lower Upper
 113 100
 111 101.6 79.4 119.2
 192 23.0 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 4.986 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064456.D
 Acq: 06 Dec 2019 14:01

Tgt Ion: 75 Resp: 47585
 Ion Ratio Lower Upper
 75 100
 110 3.3 18.6 55.8#
 77 0.3 25.0 37.4#

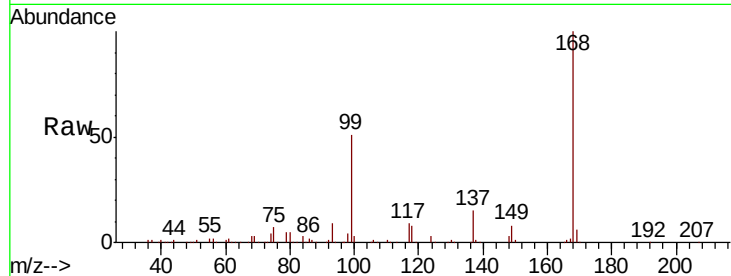




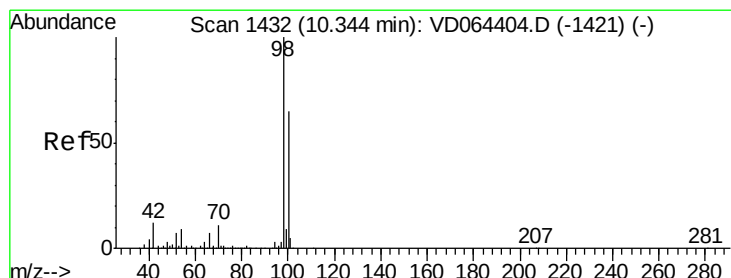
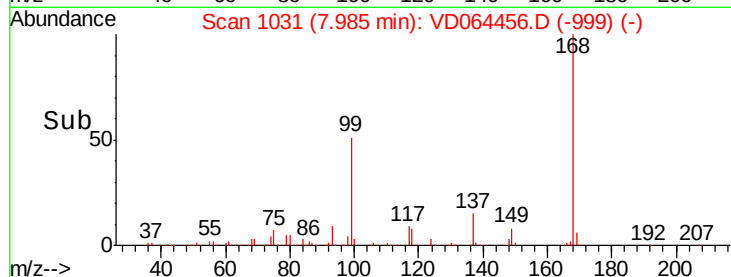
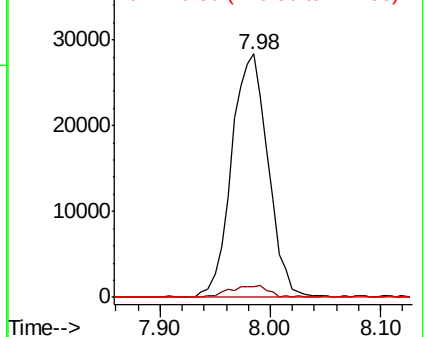
#38
Carbon Tetrachloride
Concen: 6.516 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064456.D
Acq: 06 Dec 2019 14:01

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 65631
Ion Ratio Lower Upper
117 100
119 4.3 78.8 118.2#
121 0.0 24.2 36.2#

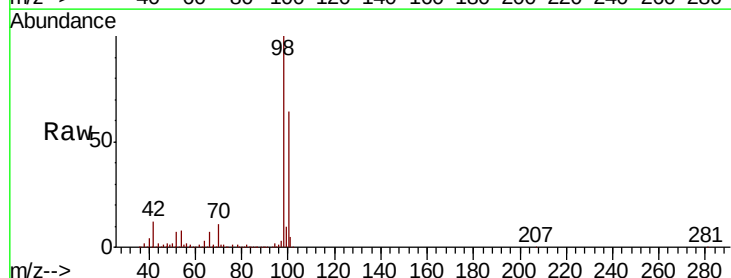


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

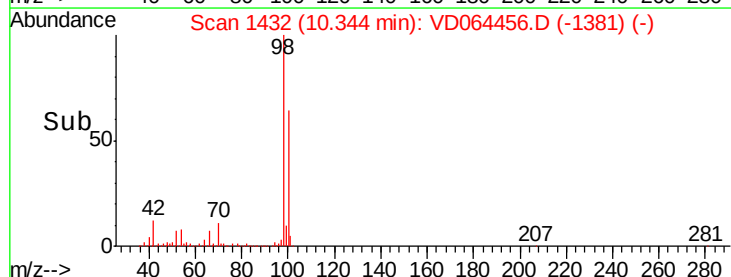
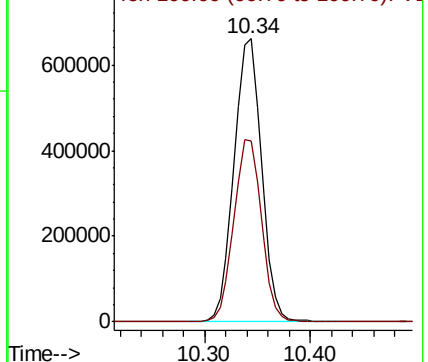


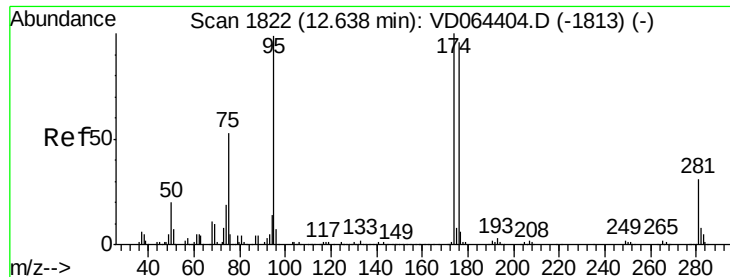
#50
Toluene-d8
Concen: 49.968 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064456.D
Acq: 06 Dec 2019 14:01

Tgt Ion: 98 Resp: 1196491
Ion Ratio Lower Upper
98 100
100 64.9 52.6 79.0



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

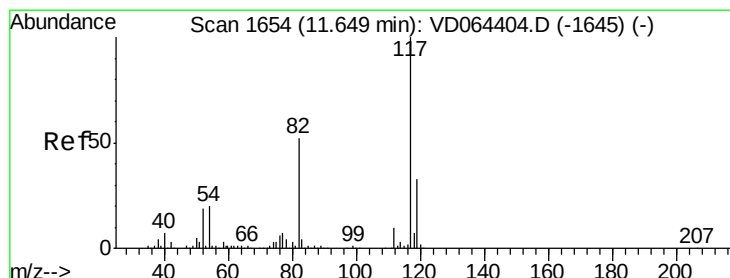
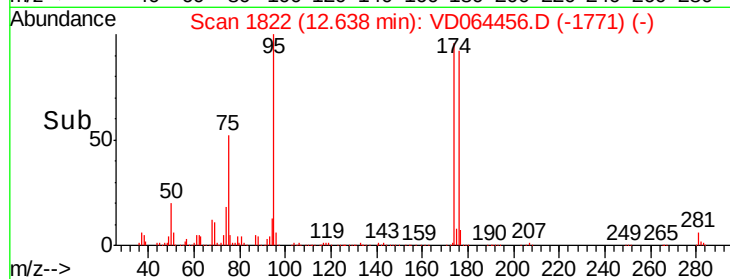
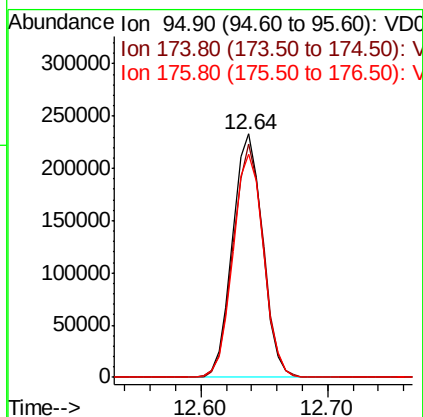
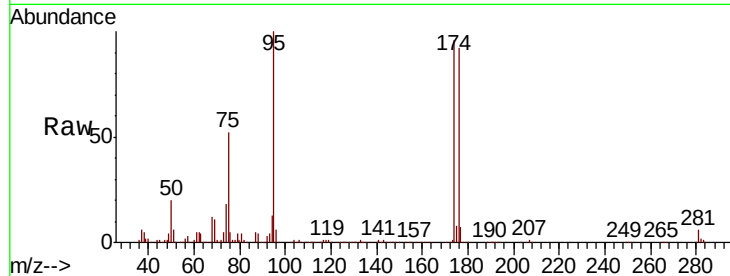




#62
4-Bromofluorobenzene
Concen: 49.538 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064456.D
Acq: 06 Dec 2019 14:01

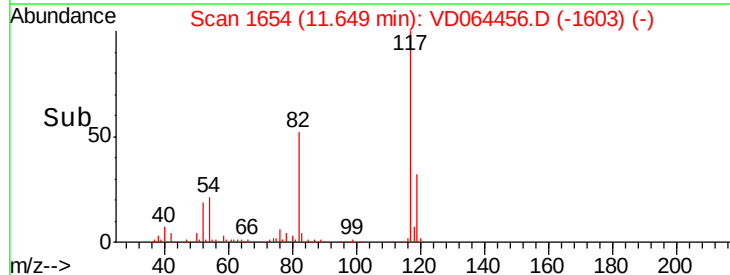
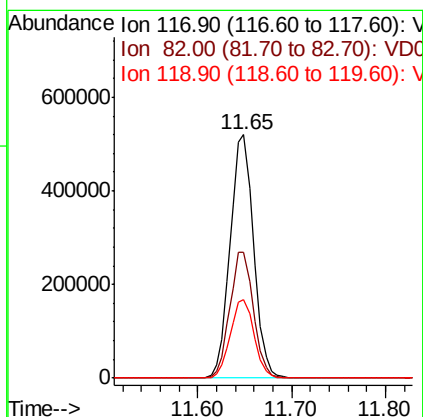
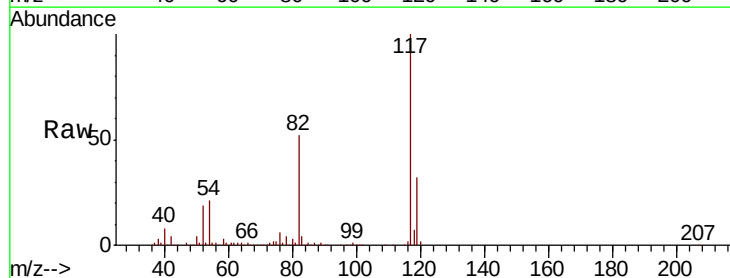
Instrument :
MSVOA_D
ClientSampleId :

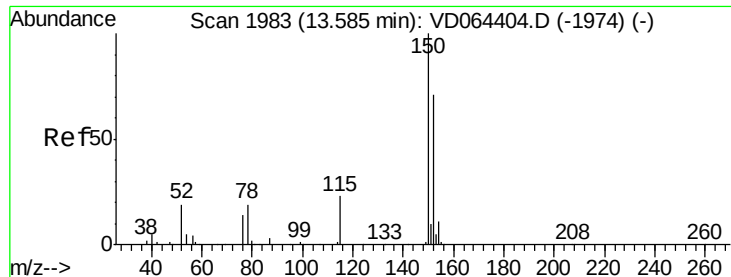
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	197.2
176	93.0	0.0	189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064456.D
Acq: 06 Dec 2019 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.4	62.2
119	32.4	26.2	39.2



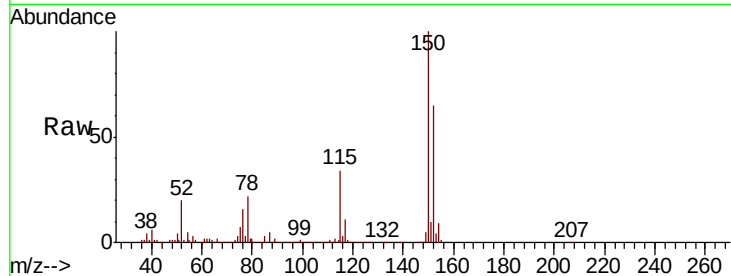


#72

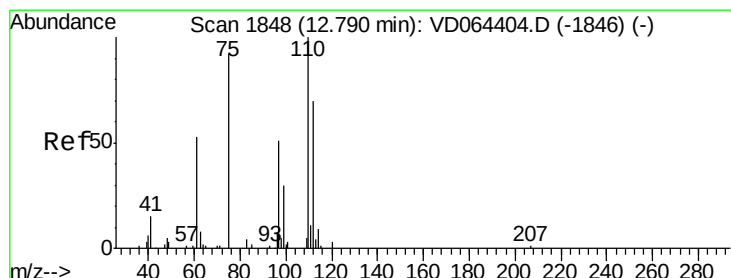
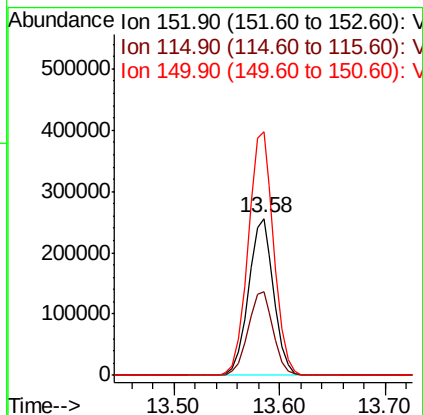
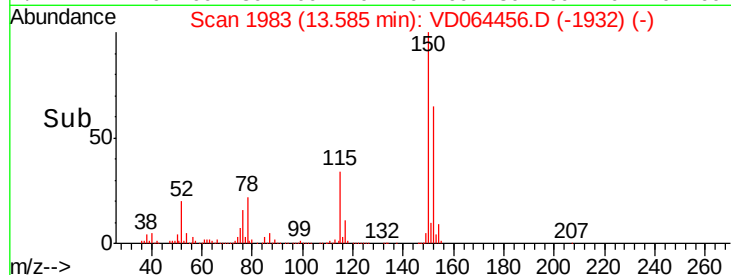
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064456.D
Acq: 06 Dec 2019 14:01

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:152 Resp: 421962
Ion Ratio Lower Upper
152 100
115 53.1 26.7 80.1
150 157.4 0.0 347.2



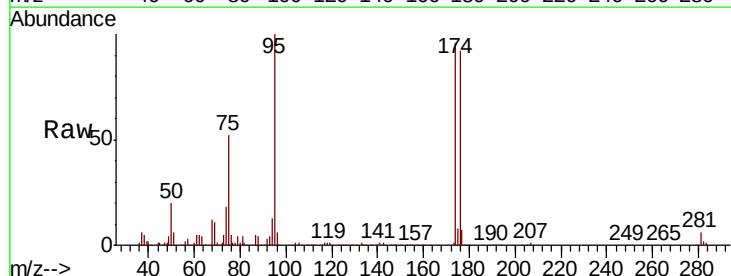
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



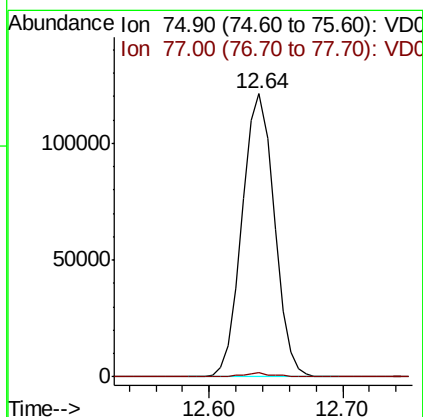
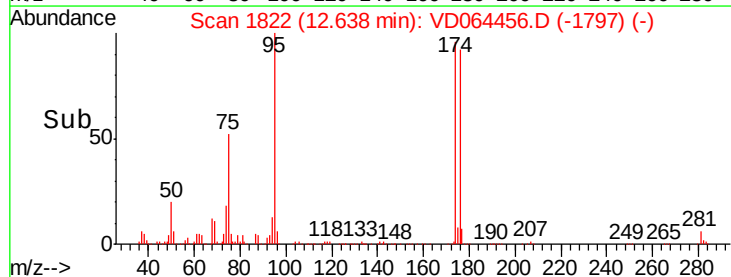
#76

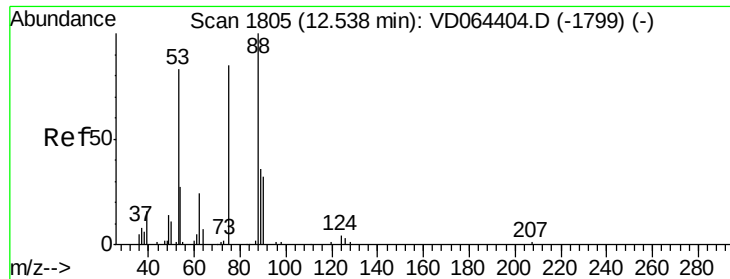
1,2,3-Trichloropropane
Concen: 58.364 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064456.D
Acq: 06 Dec 2019 14:01

Tgt Ion: 75 Resp: 202526
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: 127.263 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064456.D

Acq: 06 Dec 2019 14:01

Instrument :

MSVOA_D

ClientSampleId :

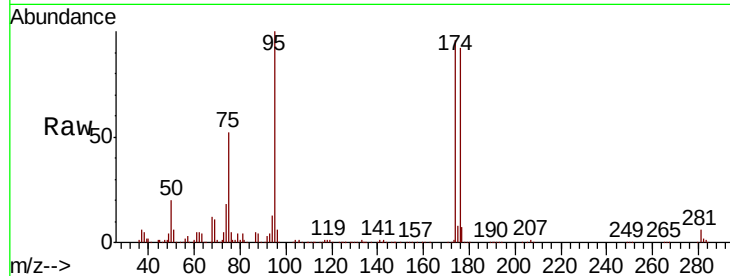
Tot Ion: 75 Resp: 202526

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

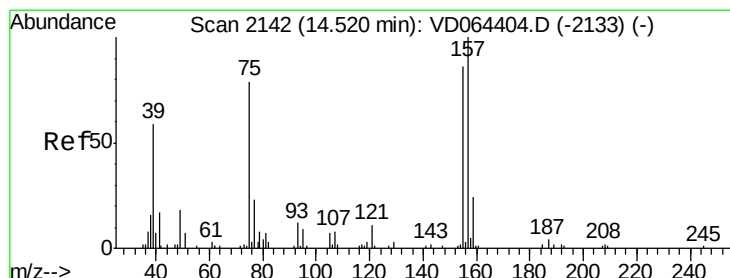
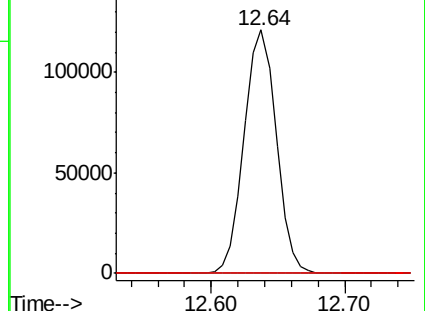
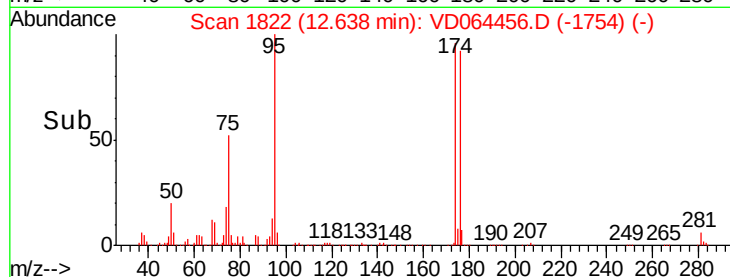
89 0.0 38.5 57.7#



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# 2138

Delta R.T. -0.02 min

Lab File: VD064456.D

Acq: 06 Dec 2019 14:01

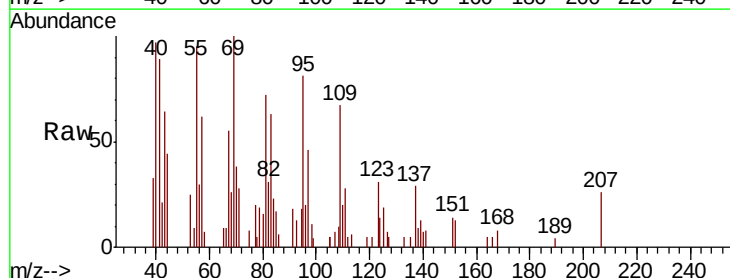
Tgt Ion: 75 Resp: 249

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

