

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120919\
 Data File : VD064478.D
 Acq On : 09 Dec 2019 18:45
 Operator : VA/SY
 Sample : K6205-06
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 10 02:46:21 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

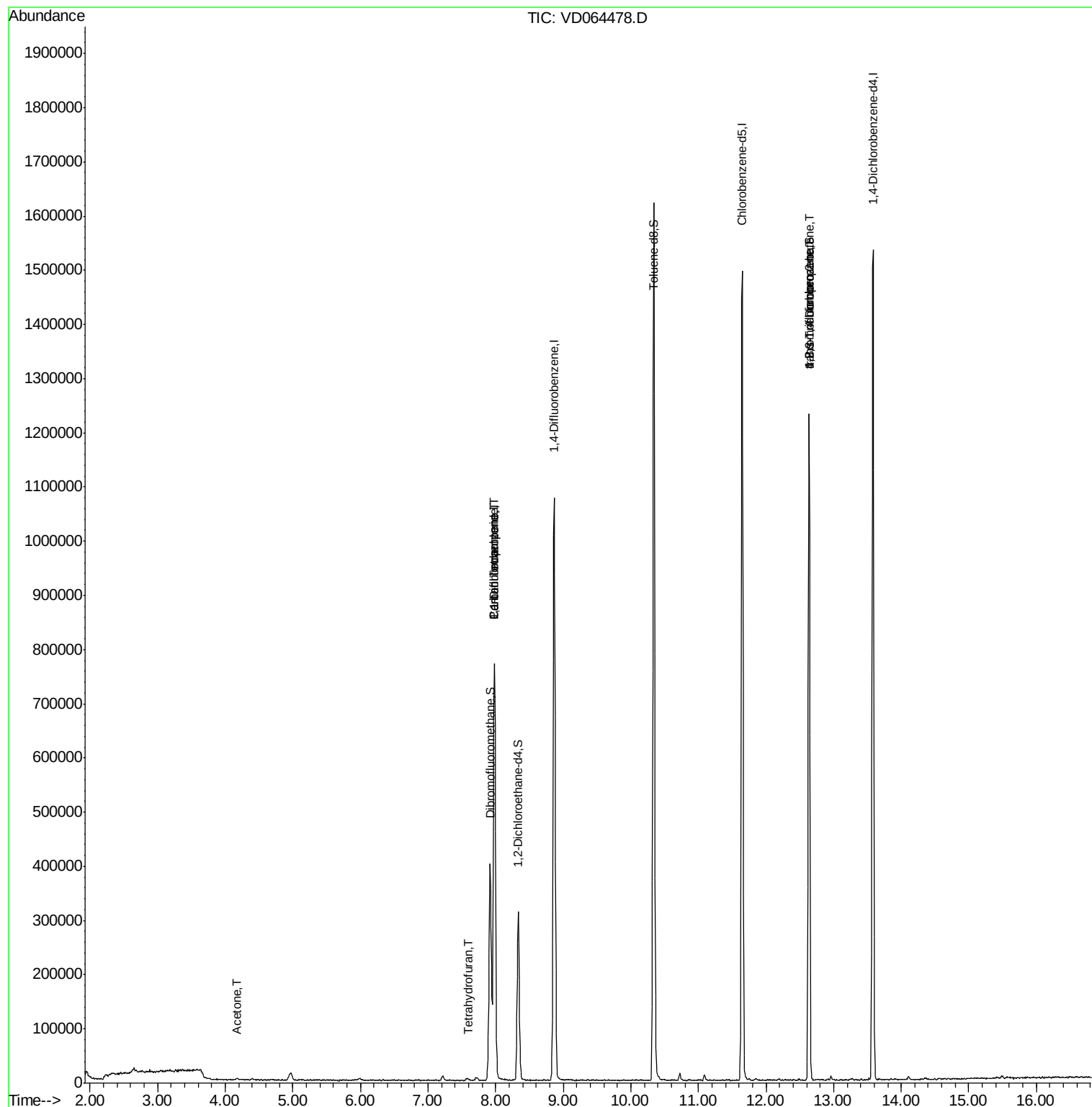
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	625803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	947552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	863531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	415730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	246492	43.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.04%	
35) Dibromofluoromethane	7.92	113	281610	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	10.34	98	1127682	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.64	95	368052	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	4353	3.803	ug/l #	74
20) Methylene Chloride	4.96	84	11494	Below Cal	#	79
29) Tetrahydrofuran	7.59	42	2273	2.207	ug/l #	87
31) Cyclohexane	7.97	56	12818	Below Cal	#	63
36) 1,1-Dichloropropene	7.99	75	42829	4.779	ug/l #	48
38) Carbon Tetrachloride	7.99	117	58594	6.194	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	190473	55.713	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	190473	121.483	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.49	75	265	Below Cal	#	1

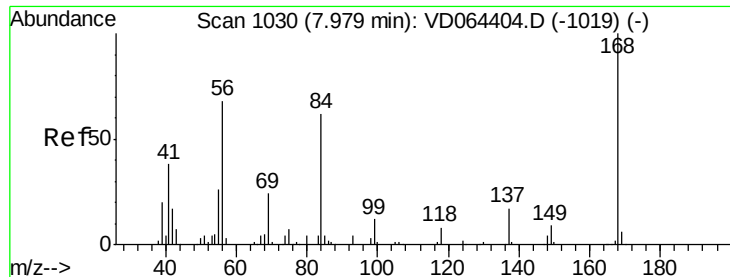
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120919\
Data File : VD064478.D
Acq On : 09 Dec 2019 18:45
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Sample : K6205-06
Misc : 5.06G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 10 02:46:21 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: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064478.D

Acq: 09 Dec 2019 18:45

Instrument :

MSVOA_D

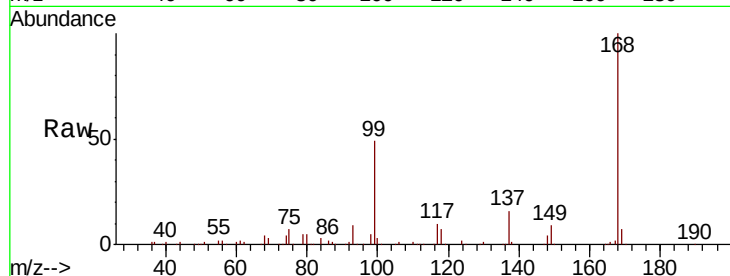
ClientSampleId :

Tot Ion:168 Resp: 625803

Ion Ratio Lower Upper

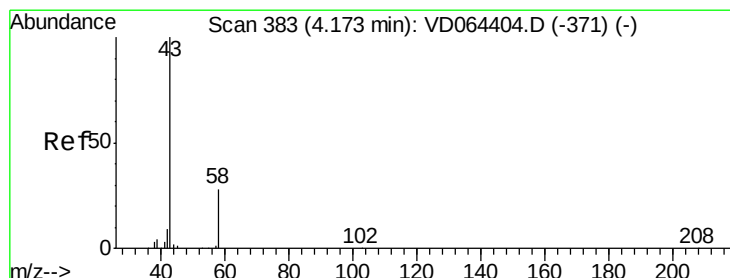
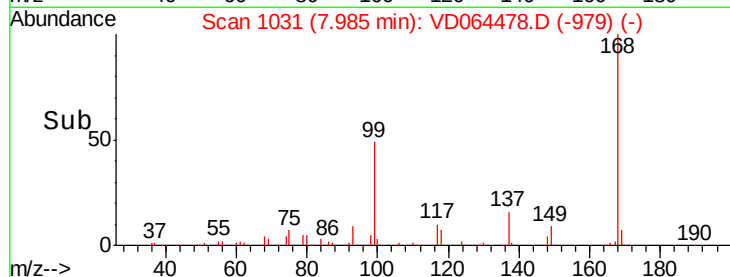
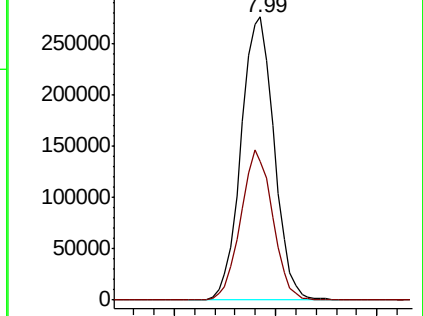
168 100

99 49.1 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: 3.803 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064478.D

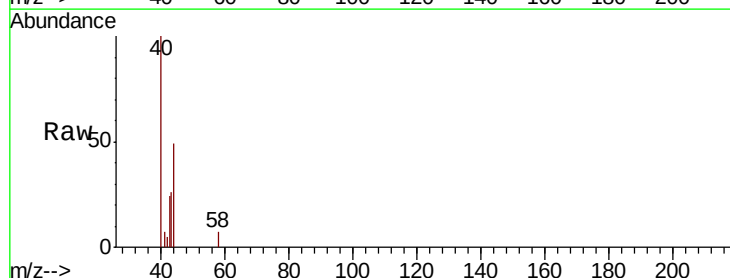
Acq: 09 Dec 2019 18:45

Tgt Ion: 43 Resp: 4353

Ion Ratio Lower Upper

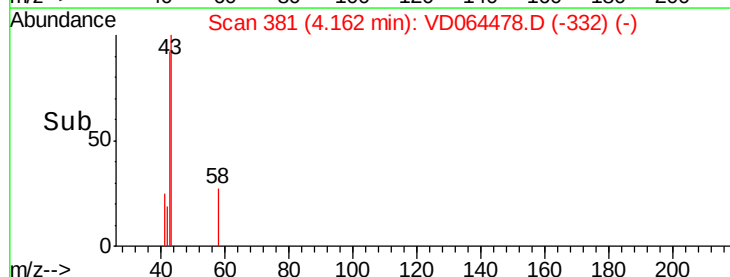
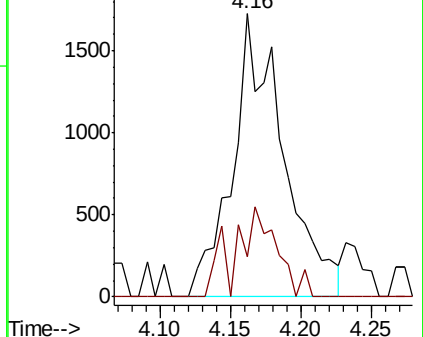
43 100

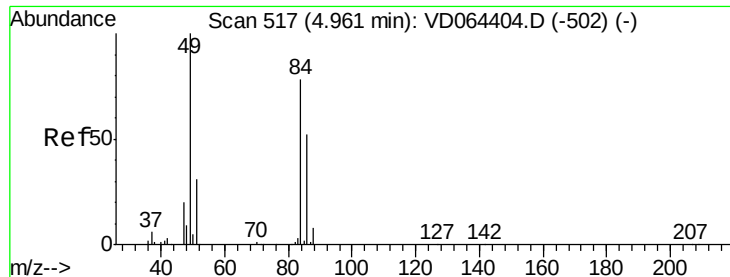
58 14.3 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

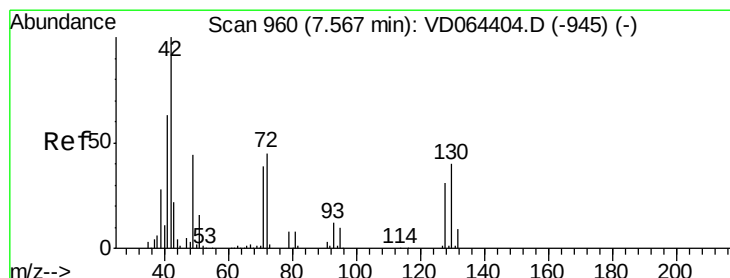
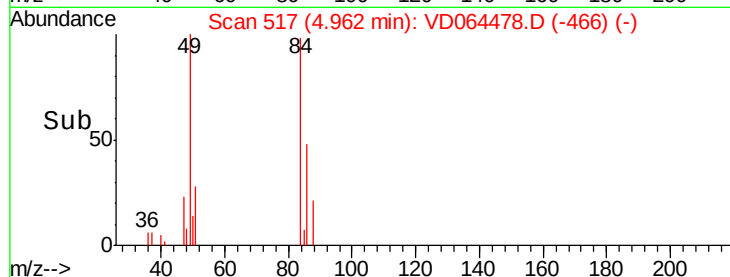
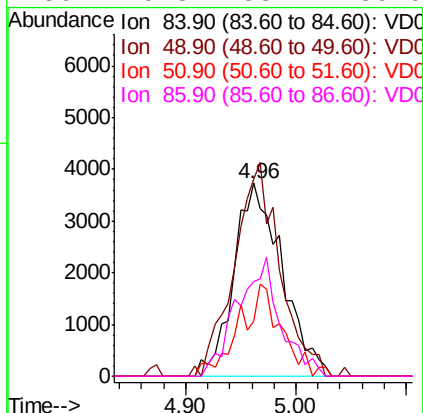
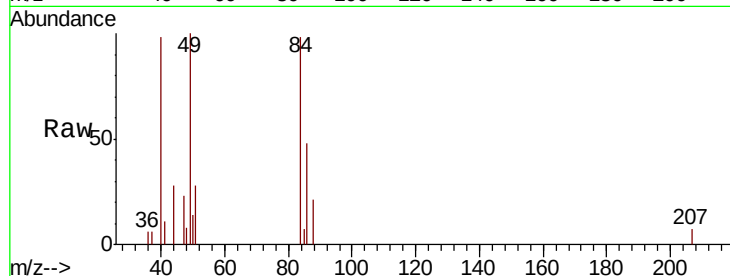




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064478.D
Acq: 09 Dec 2019 18:45

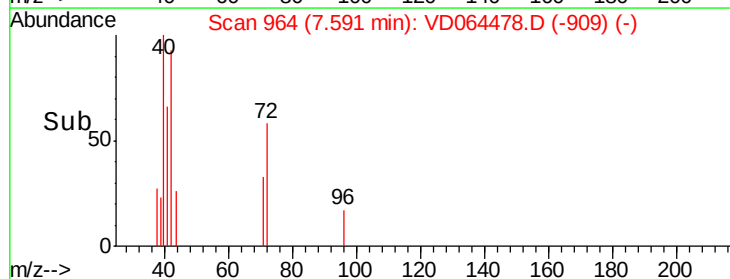
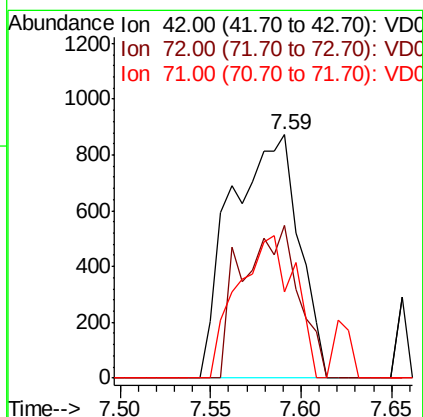
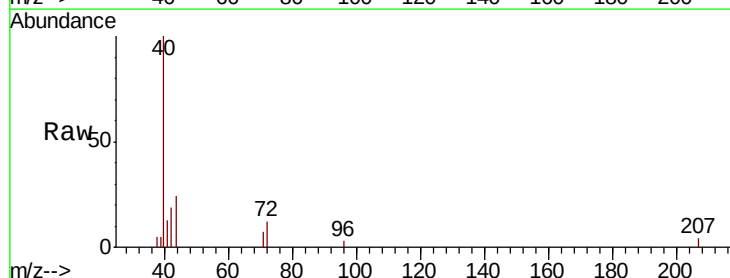
Instrument :
MSVOA_D
ClientSampleId :

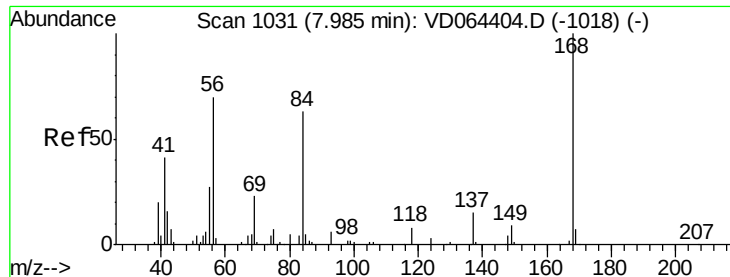
Tot Ion: 84 Resp: 11494
Ion Ratio Lower Upper
84 100
49 102.4 102.6 153.8#
51 28.8 32.0 48.0#
86 49.3 53.4 80.0#



#29
Tetrahydrofuran
Concen: 2.207 ug/l
RT: 7.59 min Scan# 964
Delta R.T. 0.02 min
Lab File: VD064478.D
Acq: 09 Dec 2019 18:45

Tgt Ion: 42 Resp: 2273
Ion Ratio Lower Upper
42 100
72 52.6 35.8 53.8
71 49.4 32.7 49.1#

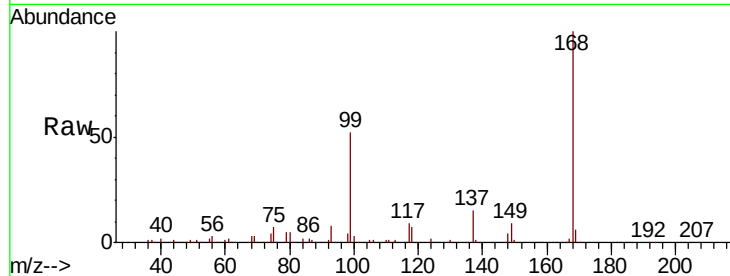




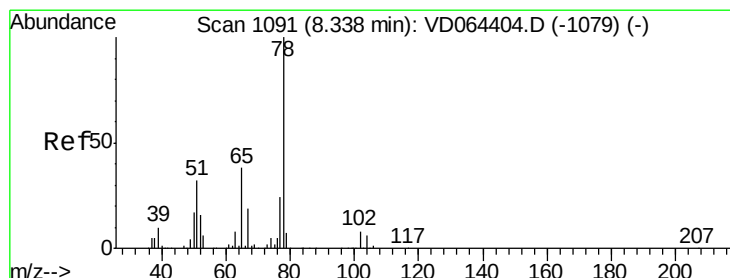
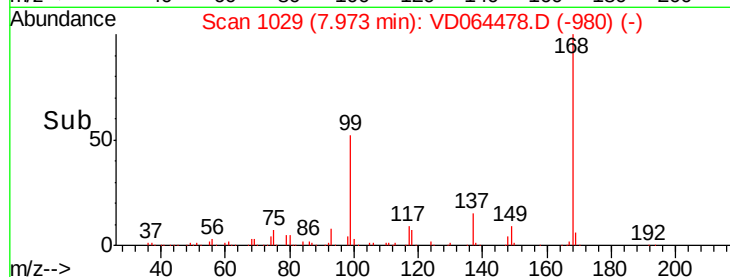
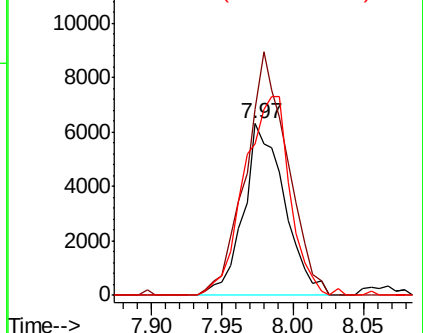
#31
Cyclohexane
Concen: Below Cal
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD064478.D
Acq: 09 Dec 2019 18:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 12818
Ion Ratio Lower Upper
56 100
69 108.4 26.2 39.4#
84 88.2 70.3 105.5

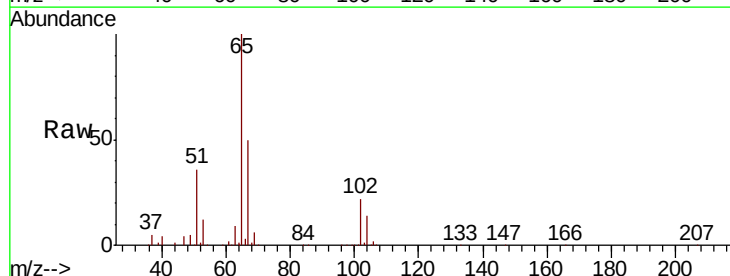


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

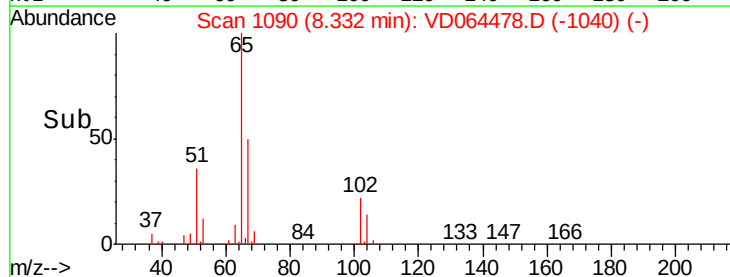
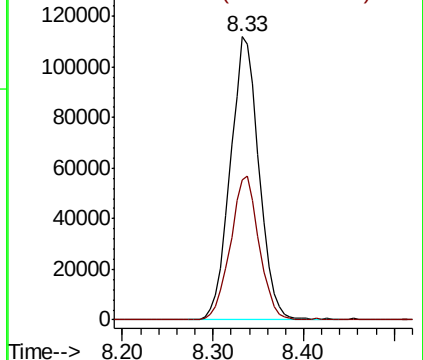


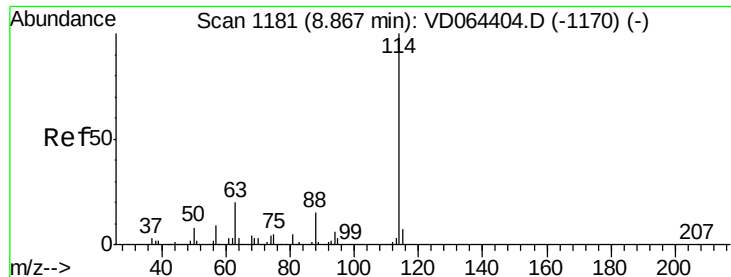
#33
1,2-Dichloroethane-d4
Concen: 43.516 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064478.D
Acq: 09 Dec 2019 18:45

Tgt Ion: 65 Resp: 246492
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

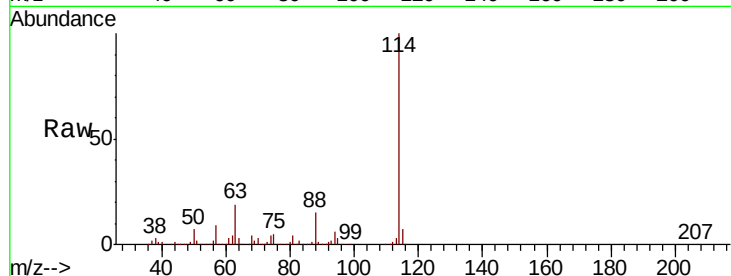




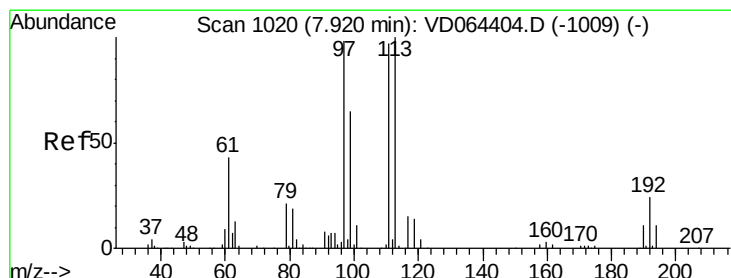
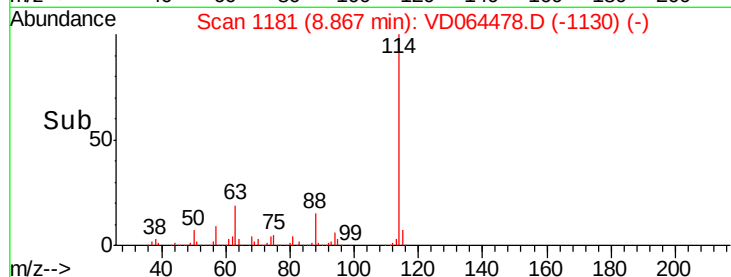
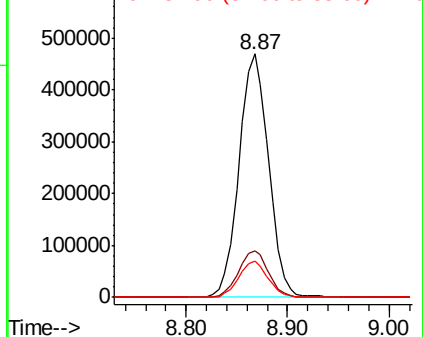
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064478.D
 Acq: 09 Dec 2019 18:45

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 947552
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 15.1 0.0 29.2

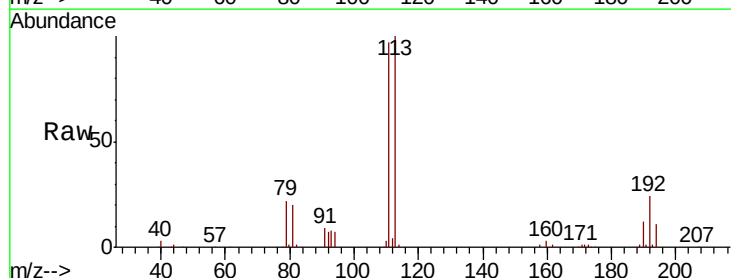


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

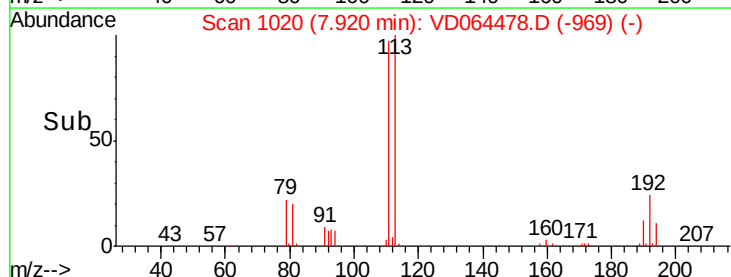
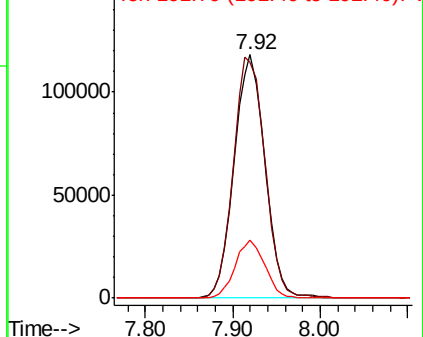


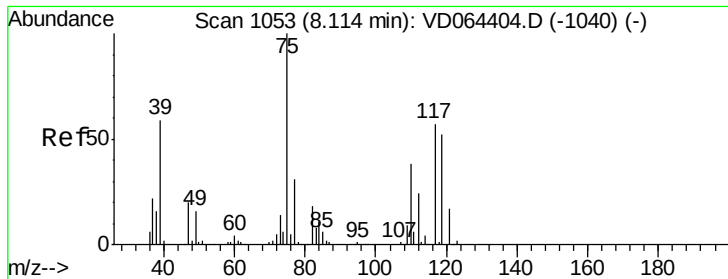
#35
 Dibromofluoromethane
 Concen: 47.170 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064478.D
 Acq: 09 Dec 2019 18:45

Tgt Ion:113 Resp: 281610
 Ion Ratio Lower Upper
 113 100
 111 101.8 79.4 119.2
 192 22.8 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

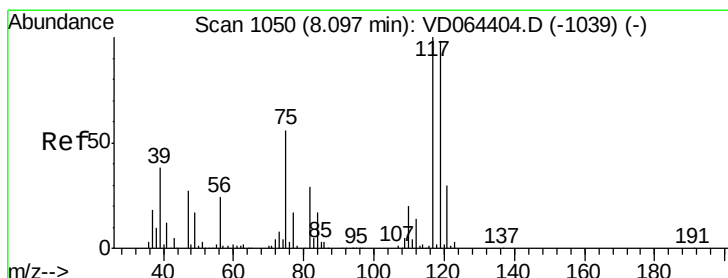
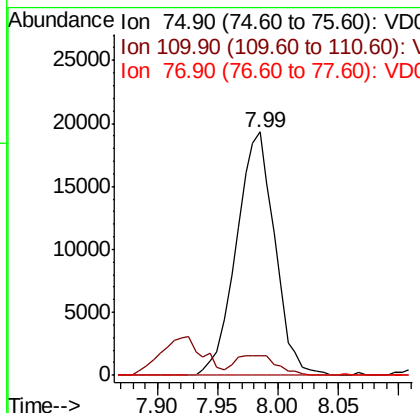
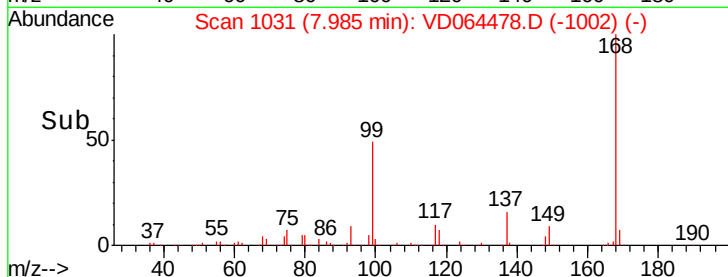
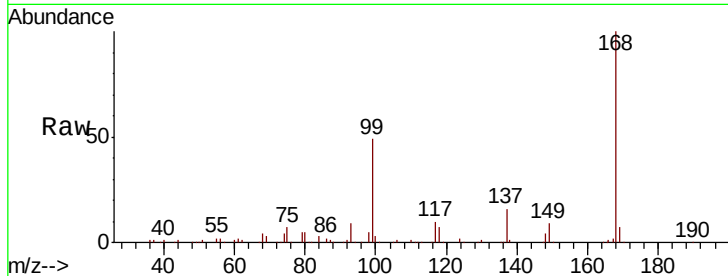




#36
 1,1-Dichloropropene
 Concen: 4.779 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064478.D
 Acq: 09 Dec 2019 18:45

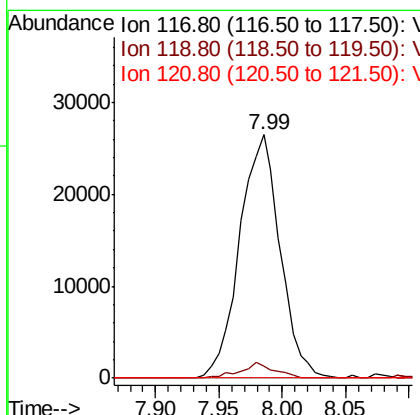
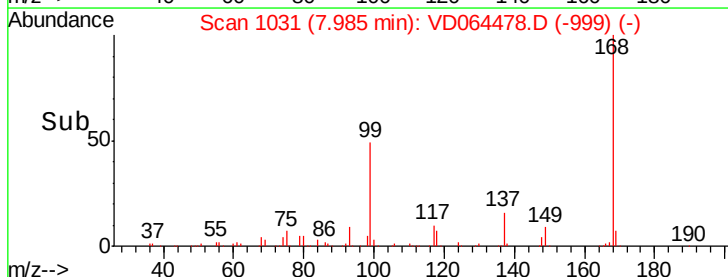
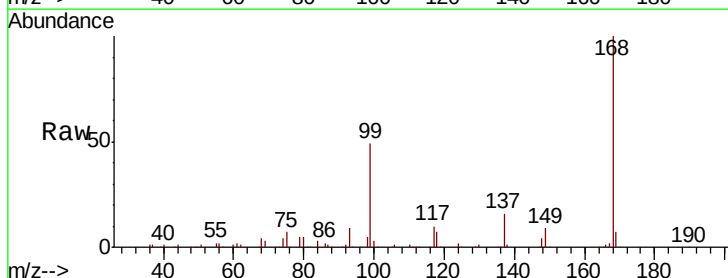
Instrument :
 MSVOA_D
 ClientSampled :

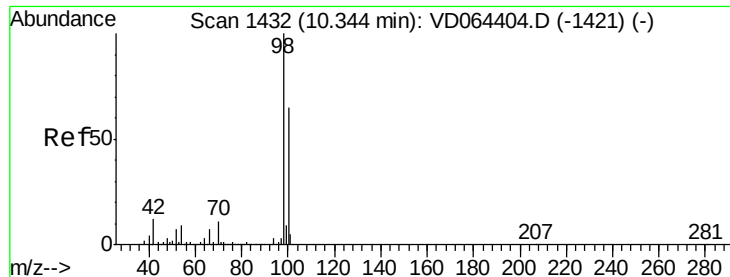
Tot Ion: 75 Resp: 42829
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.6 55.8#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.194 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064478.D
 Acq: 09 Dec 2019 18:45

Tgt Ion: 117 Resp: 58594
 Ion Ratio Lower Upper
 117 100
 119 4.9 78.8 118.2#
 121 0.0 24.2 36.2#

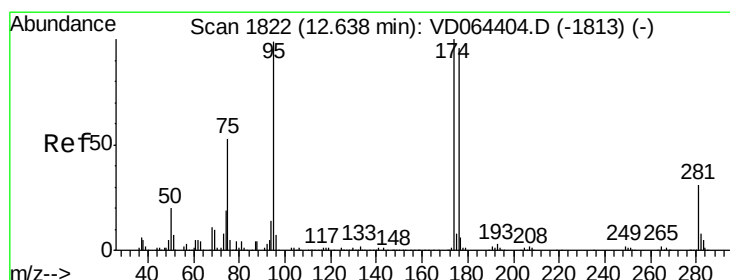
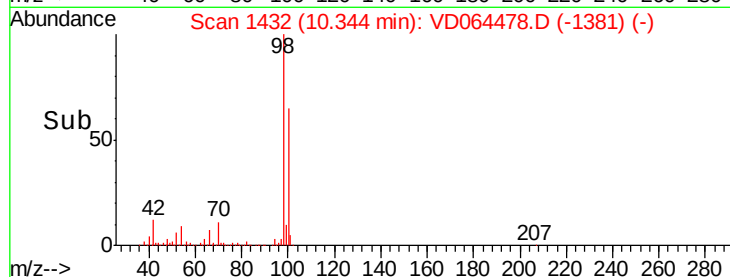
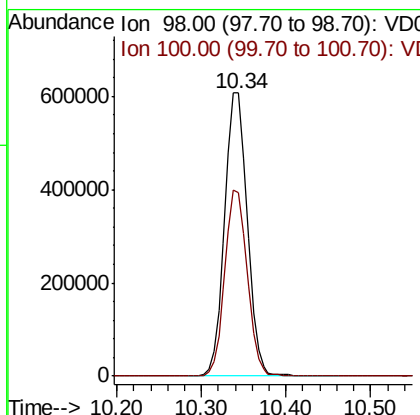
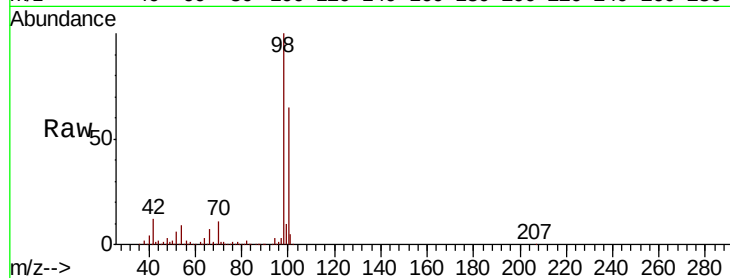




#50
Toluene-d8
Concen: 50.145 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064478.D
Acq: 09 Dec 2019 18:45

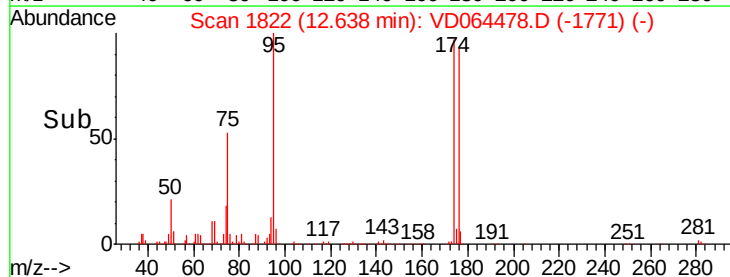
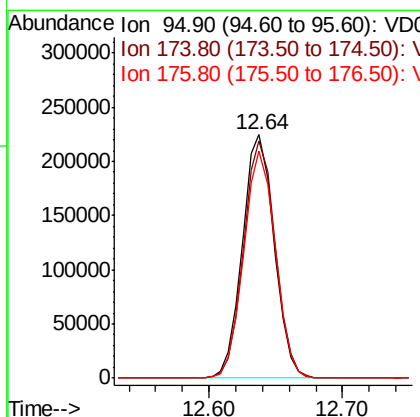
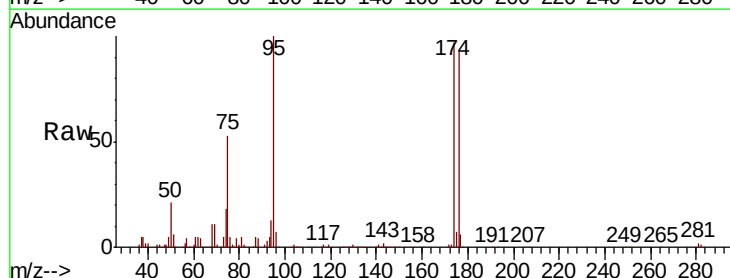
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MSVOA_D
ClientSampleId :

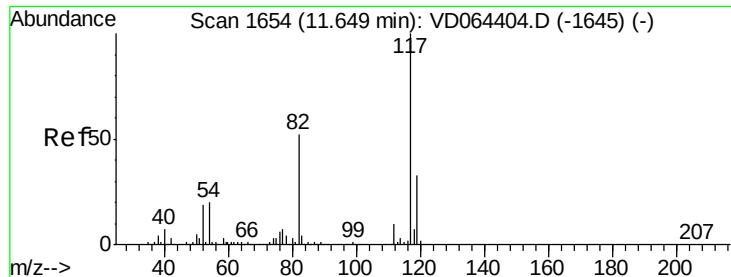
Tot Ion: 98 Resp: 1127682
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 50.926 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064478.D
Acq: 09 Dec 2019 18:45

Tgt Ion: 95 Resp: 368052
Ion Ratio Lower Upper
95 100
174 97.0 0.0 197.2
176 92.9 0.0 189.6

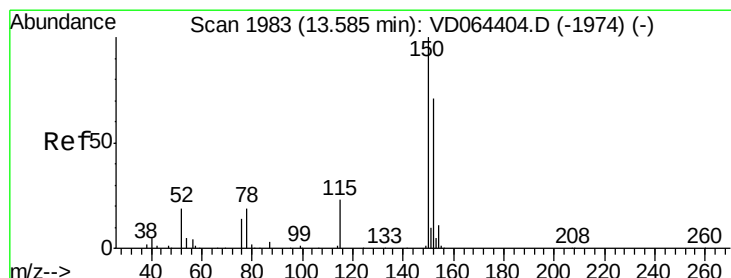
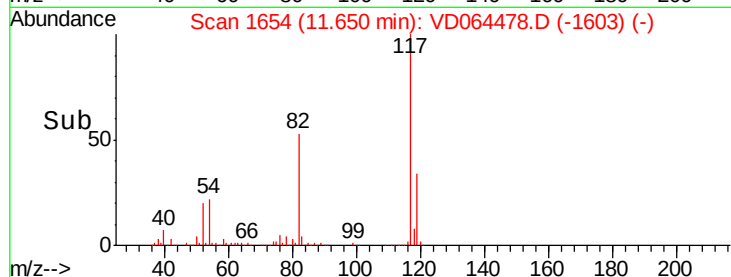
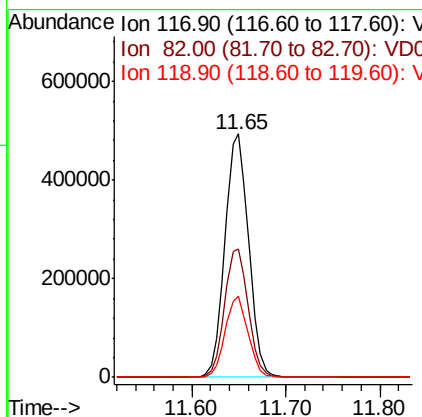
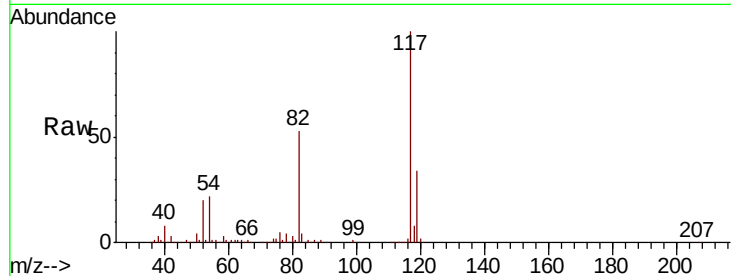




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064478.D
Acq: 09 Dec 2019 18:45

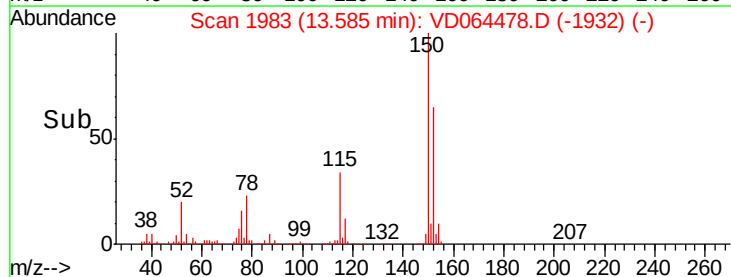
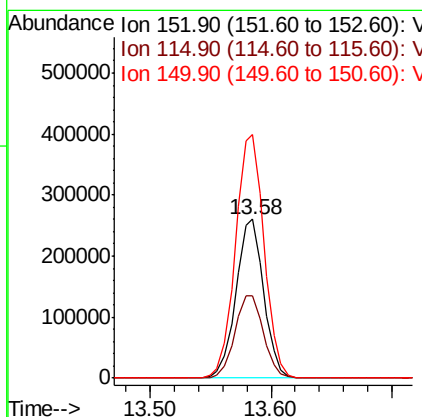
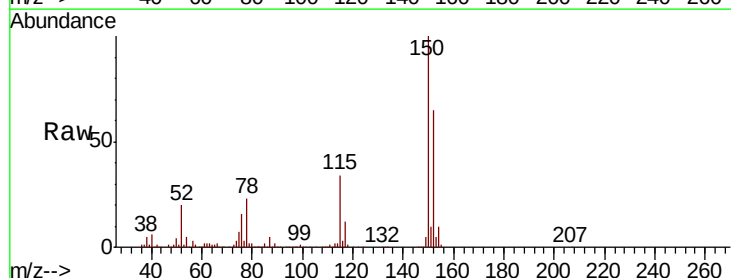
Instrument :
MSVOA_D
ClientSampleId :

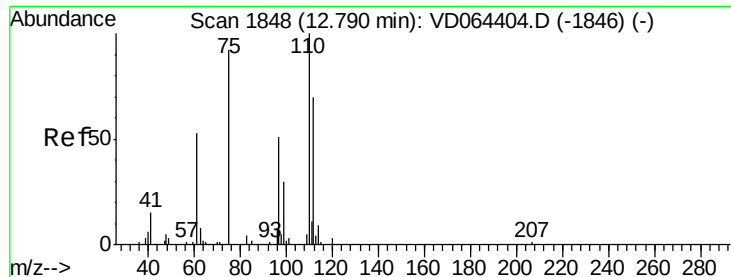
Tot Ion:117 Resp: 863531
Ion Ratio Lower Upper
117 100
82 52.7 41.4 62.2
119 33.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064478.D
Acq: 09 Dec 2019 18:45

Tgt Ion:152 Resp: 415730
Ion Ratio Lower Upper
152 100
115 53.9 26.7 80.1
150 158.3 0.0 347.2





#76

1,2,3-Trichloropropane

Concen: 55.713 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064478.D

Acq: 09 Dec 2019 18:45

Instrument :

MSVOA_D

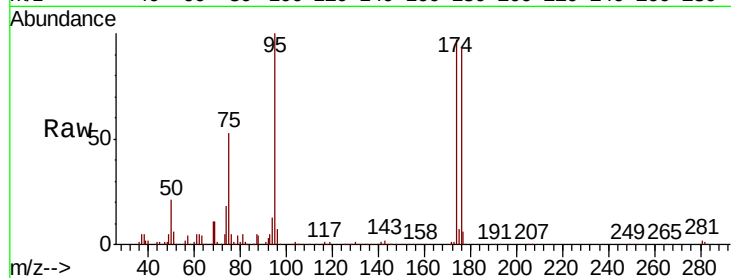
ClientSampled :

Tot Ion: 75 Resp: 190473

Ion Ratio Lower Upper

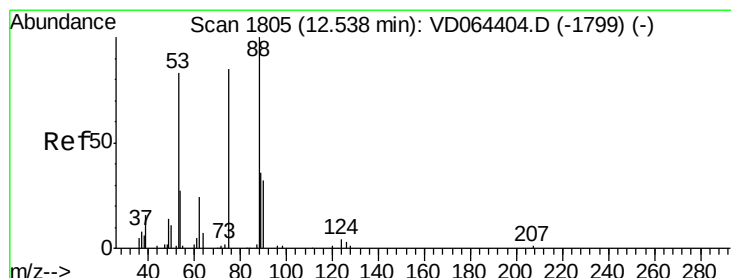
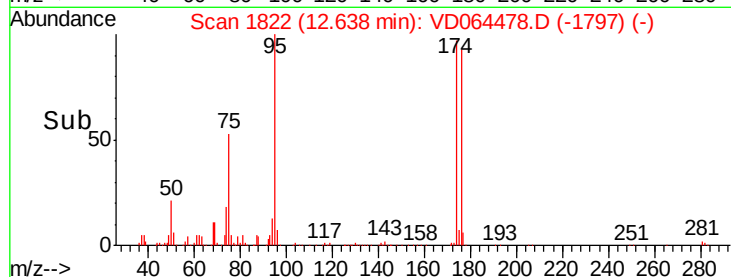
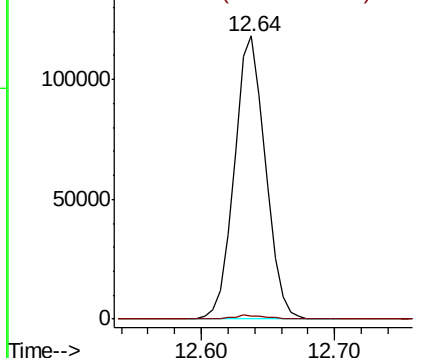
75 100

77 1.5 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: 121.483 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064478.D

Acq: 09 Dec 2019 18:45

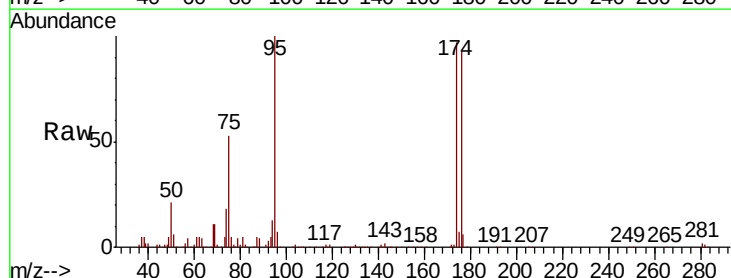
Tgt Ion: 75 Resp: 190473

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

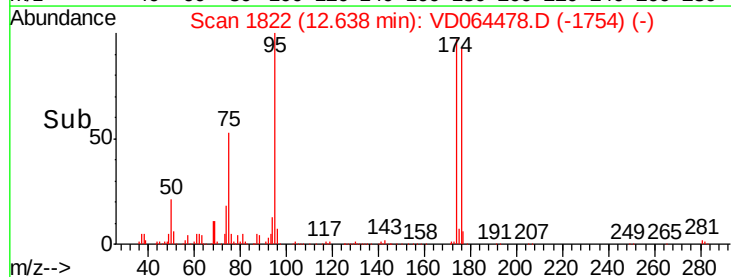
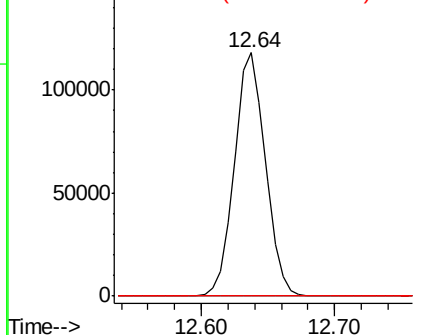
89 0.0 38.5 57.7#

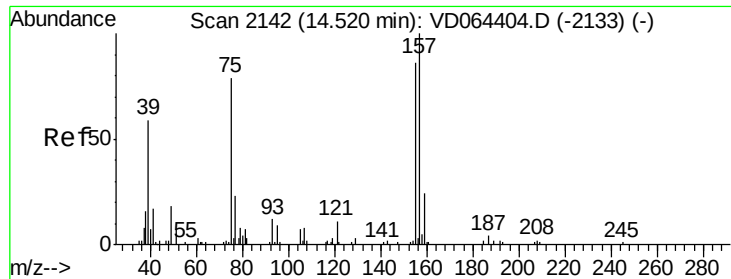


Abundance Ion 74.90 (74.60 to 75.60): VDC

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: 14.49 min Scan# 2137

Delta R.T. -0.03 min

Lab File: VD064478.D

Acq: 09 Dec 2019 18:45

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 265

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

157 0.0 63.2 189.8#

