

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120919\
 Data File : VD064475.D
 Acq On : 09 Dec 2019 17:18
 Operator : VA/SY
 Sample : K6205-03
 Misc : 4.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 10 02:45:50 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

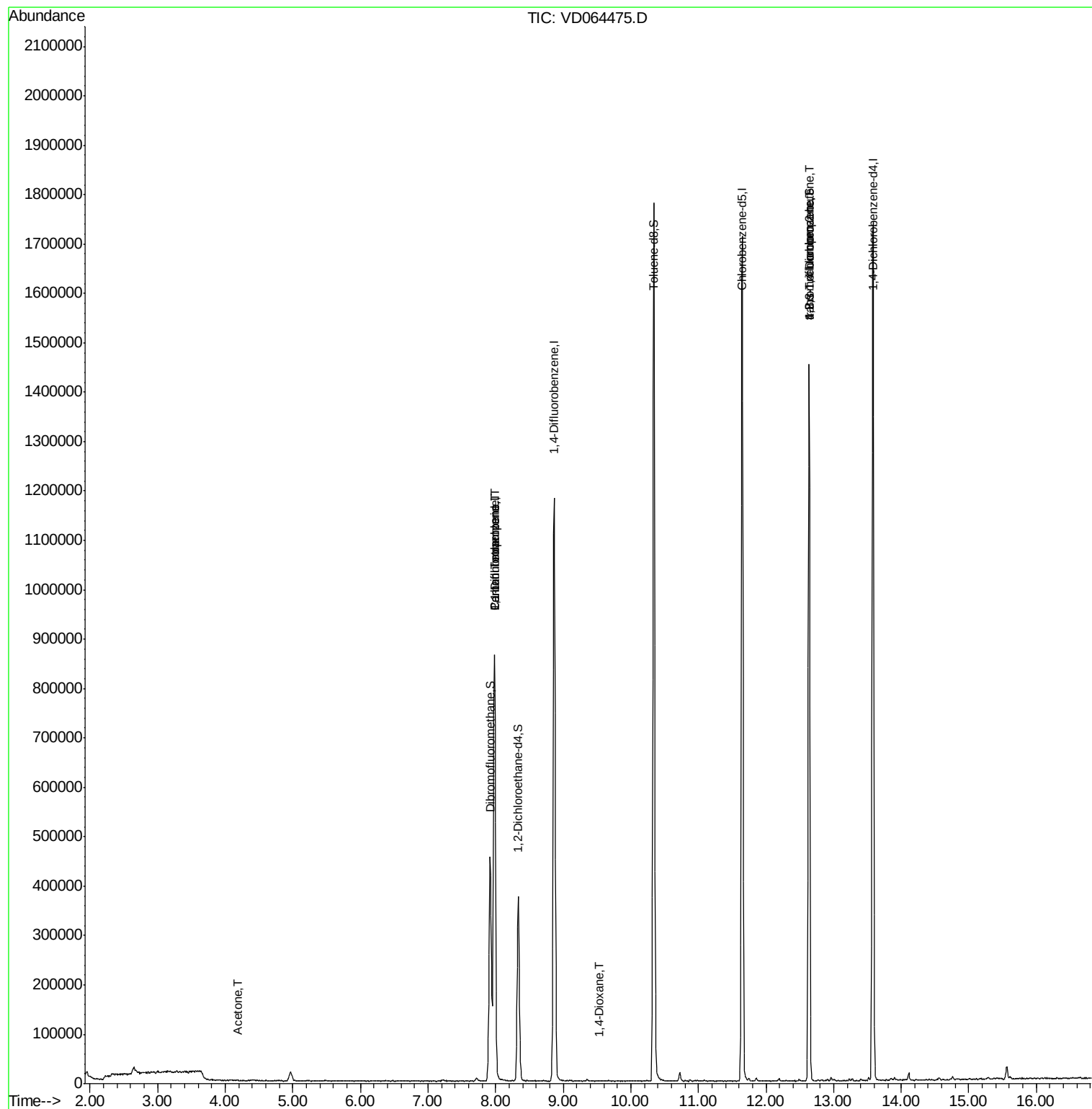
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	693569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1038599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	980436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	491243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	297165	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
35) Dibromofluoromethane	7.92	113	315728	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	10.34	98	1241105	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.64	95	426543	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
Target Compounds						
					Qvalue	
16) Acetone	4.18	43	2740	2.160	ug/l #	85
20) Methylene Chloride	4.97	84	13312	Below Cal		89
31) Cyclohexane	7.98	56	15354	Below Cal	#	43
36) 1,1-Dichloropropene	7.98	75	48506	4.938	ug/l #	49
38) Carbon Tetrachloride	7.98	117	63817	6.155	ug/l #	14
49) 1,4-Dioxane	9.53	88	59	1.297	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	223532	55.332	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	223532	120.653	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.40	75	72	Below Cal	#	1

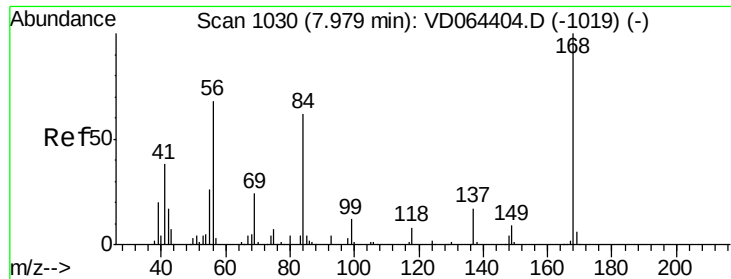
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120919\
Data File : VD064475.D
Acq On : 09 Dec 2019 17:18
Operator : VA/SY
Sample : K6205-03
Misc : 4.41G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 10 02:45:50 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: VD064475.D

Acq: 09 Dec 2019 17:18

Instrument :

MSVOA_D

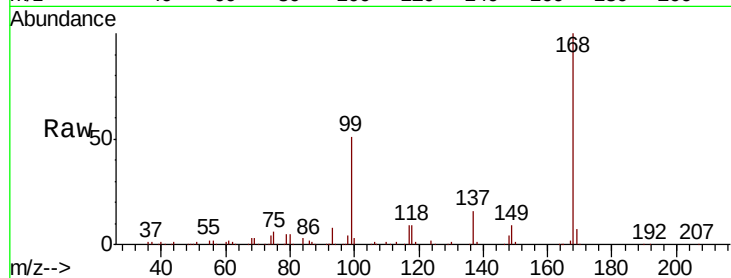
ClientSampleId :

Tot Ion:168 Resp: 693569

Ion Ratio Lower Upper

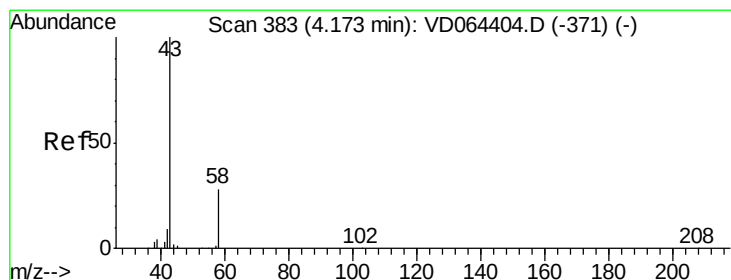
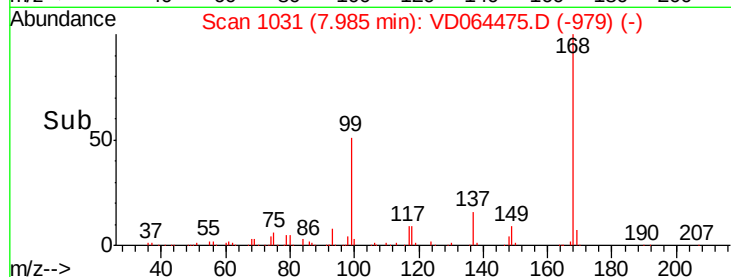
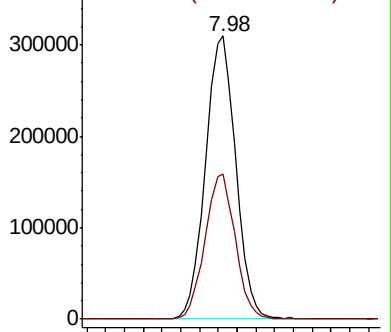
168 100

99 51.3 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: 2.160 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064475.D

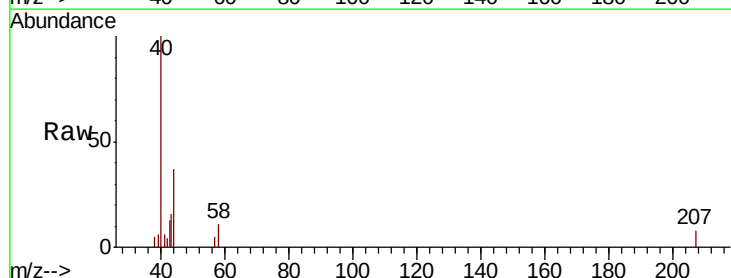
Acq: 09 Dec 2019 17:18

Tgt Ion: 43 Resp: 2740

Ion Ratio Lower Upper

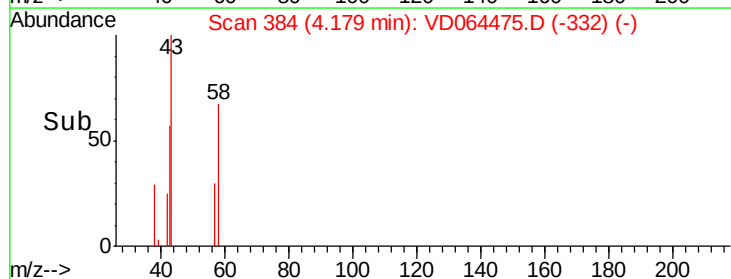
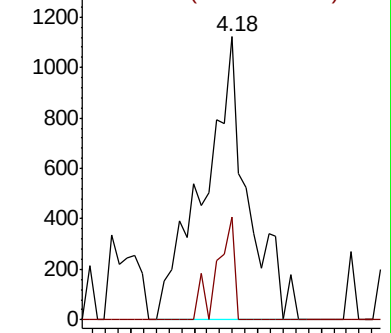
43 100

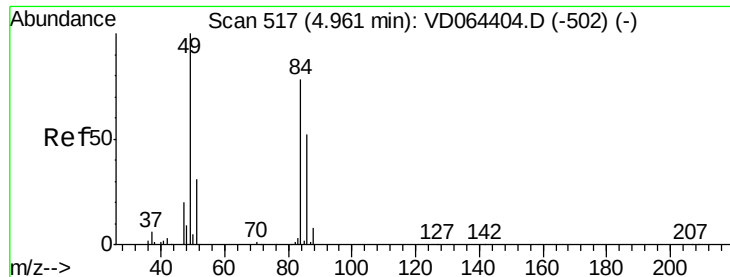
58 36.4 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

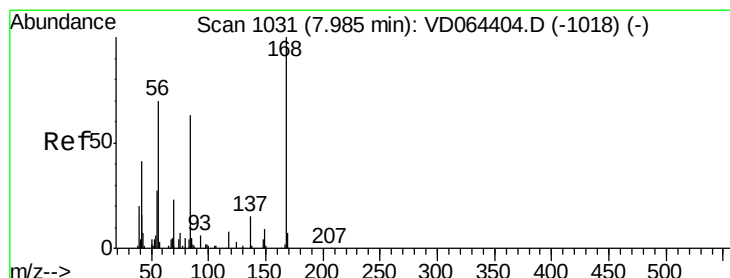
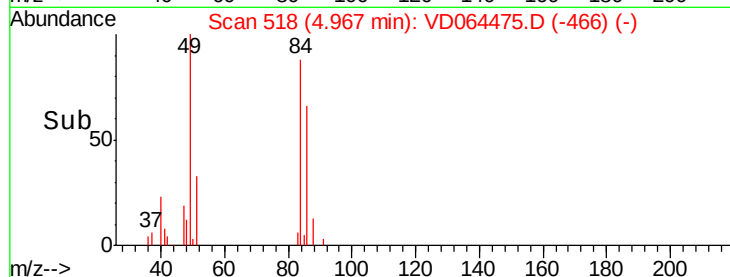
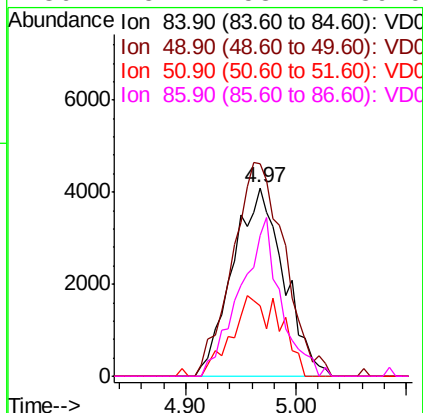
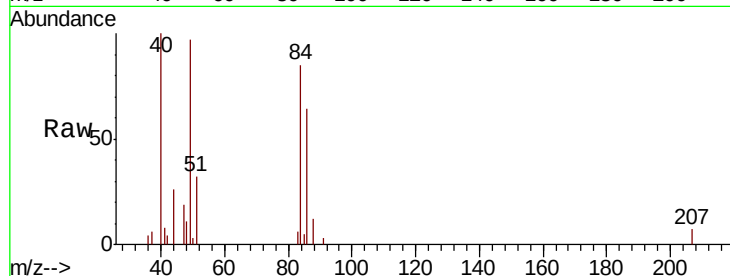




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064475.D
Acq: 09 Dec 2019 17:18

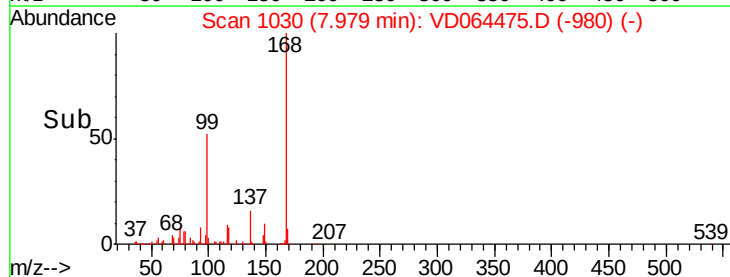
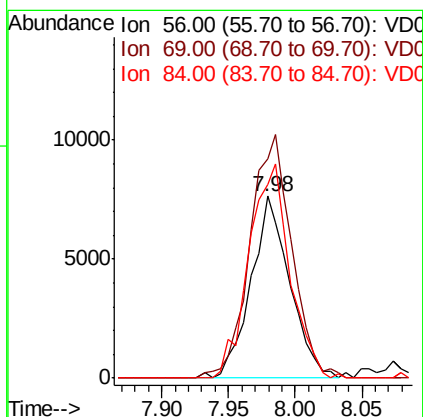
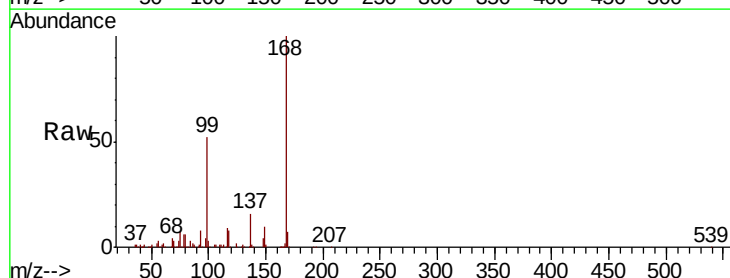
Instrument :
MSVOA_D
ClientSampleId :

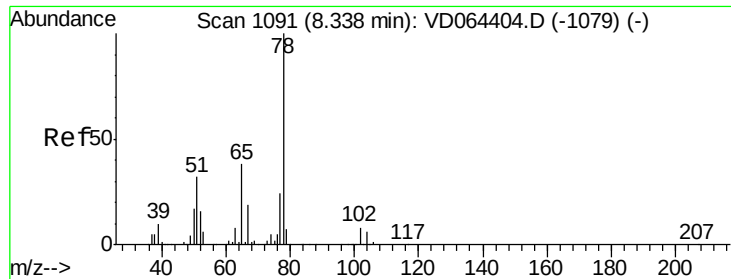
Tot Ion: 84 Resp: 13312
Ion Ratio Lower Upper
84 100
49 113.3 102.6 153.8
51 37.2 32.0 48.0
86 75.2 53.4 80.0



#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD064475.D
Acq: 09 Dec 2019 17:18

Tgt Ion: 56 Resp: 15354
Ion Ratio Lower Upper
56 100
69 120.5 26.2 39.4#
84 106.3 70.3 105.5#

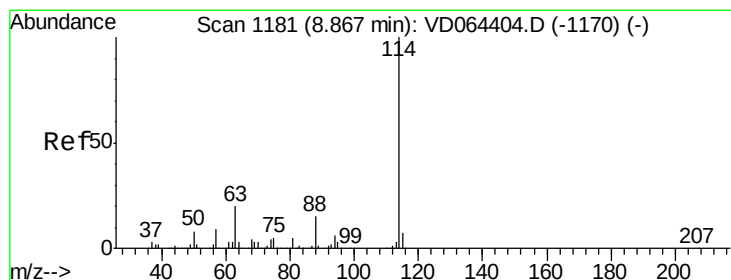
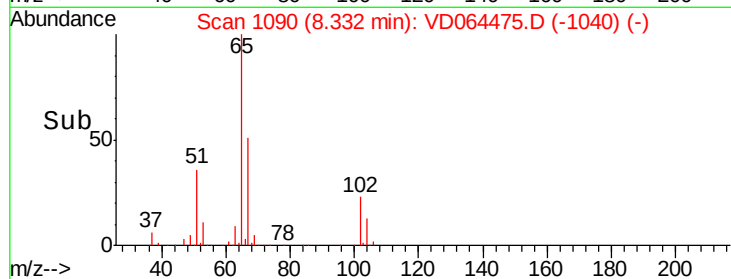
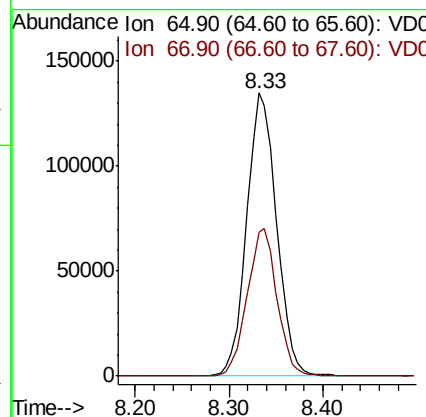
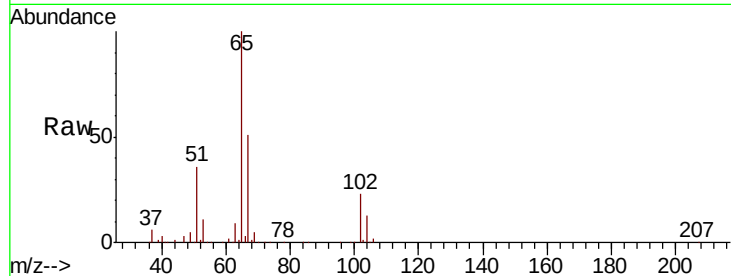




#33
 1,2-Dichloroethane-d4
 Concen: 47.336 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064475.D
 Acq: 09 Dec 2019 17:18

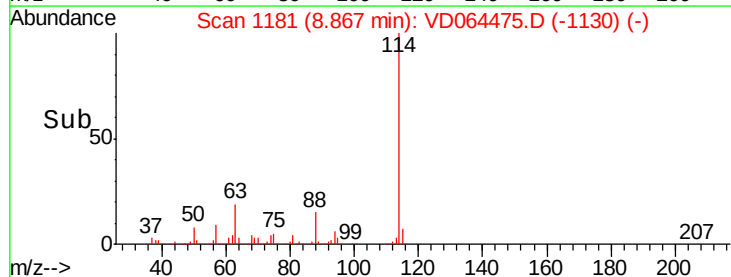
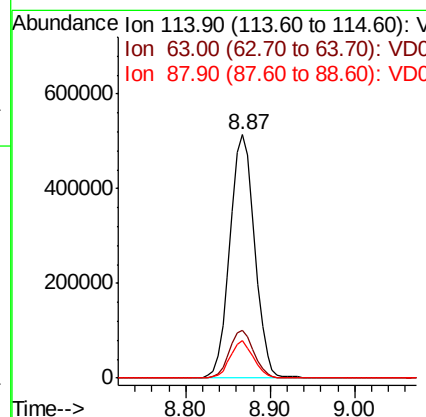
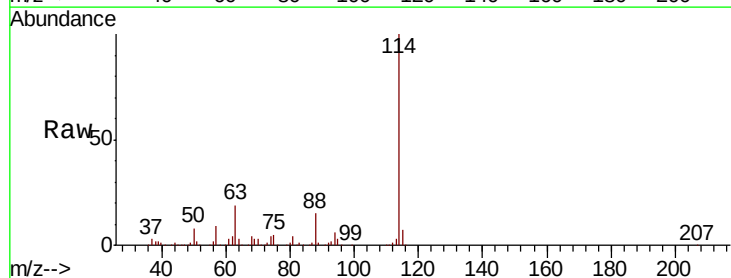
Instrument :
 MSVOA_D
 ClientSampled :

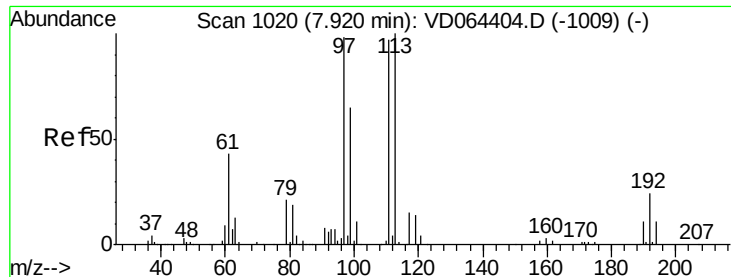
Tot Ion: 65 Resp: 297165
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064475.D
 Acq: 09 Dec 2019 17:18

Tgt Ion: 114 Resp: 1038599
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.2 0.0 29.2

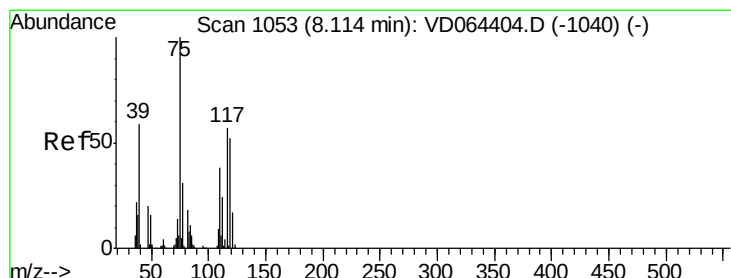
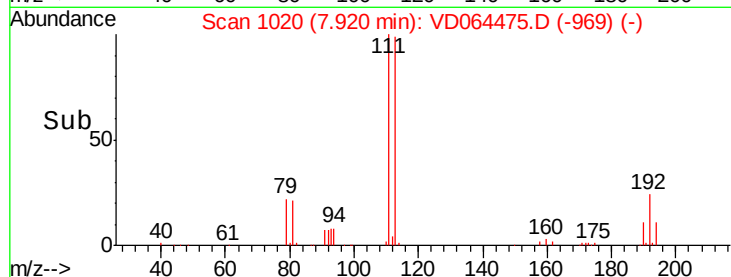
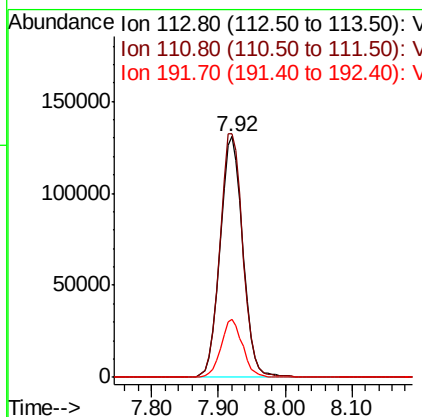
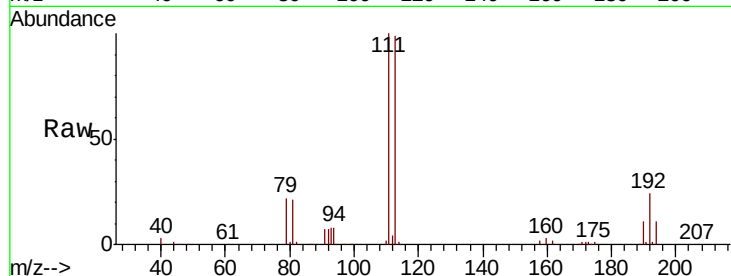




#35
 Dibromofluoromethane
 Concen: 48.249 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064475.D
 Acq: 09 Dec 2019 17:18

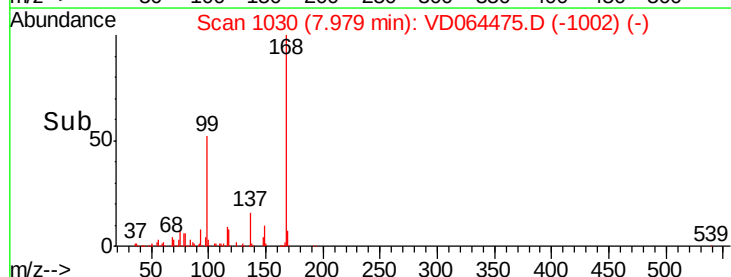
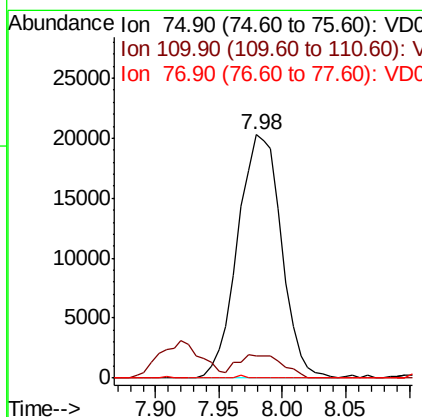
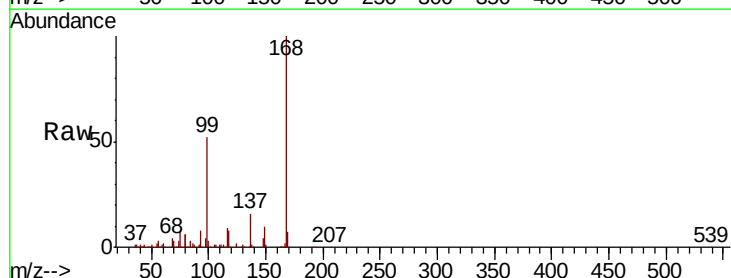
Instrument :
 MSVOA_D
 ClientSampleId :

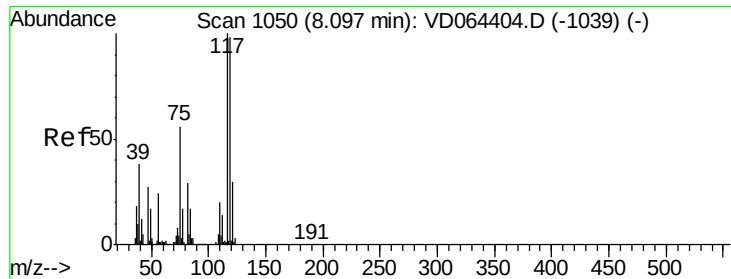
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.4	119.2
192	22.9	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 4.938 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064475.D
 Acq: 09 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.6	55.8#
77	0.1	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 6.155 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064475.D

Acq: 09 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

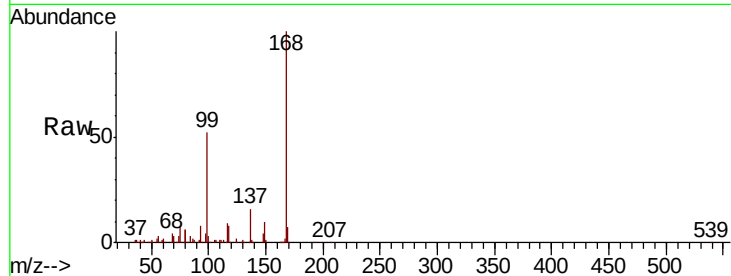
Tot Ion:117 Resp: 63817

Ion Ratio Lower Upper

117 100

119 4.4 78.8 118.2#

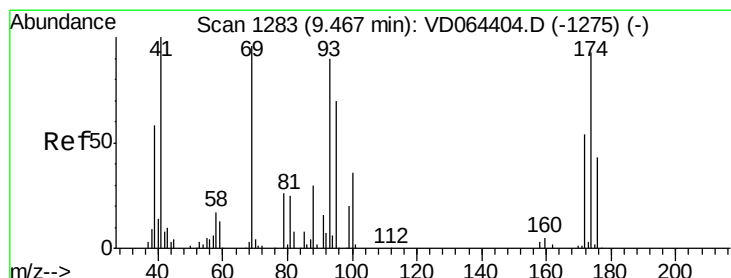
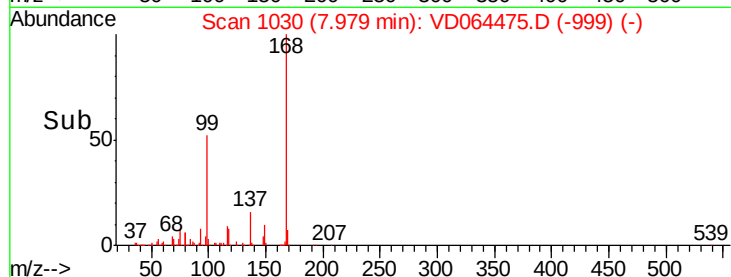
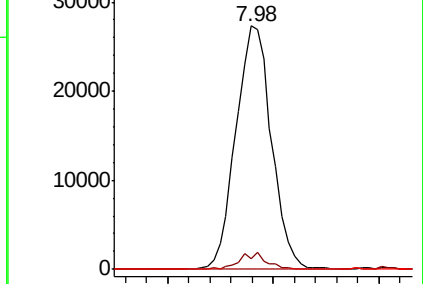
121 0.0 24.2 36.2#



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



#49

1,4-Dioxane

Concen: 1.297 ug/l

RT: 9.53 min Scan# 1293

Delta R.T. 0.06 min

Lab File: VD064475.D

Acq: 09 Dec 2019 17:18

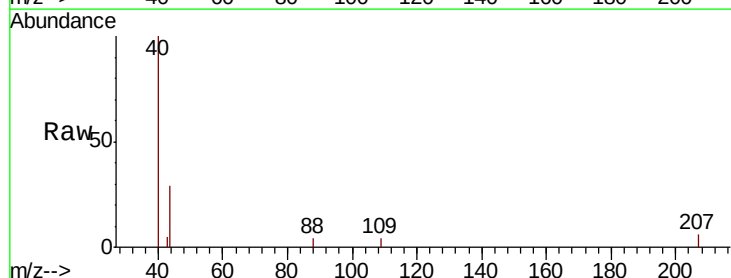
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

43 798.3 26.7 40.1#

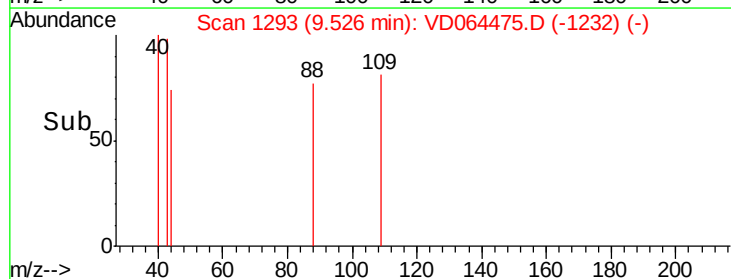
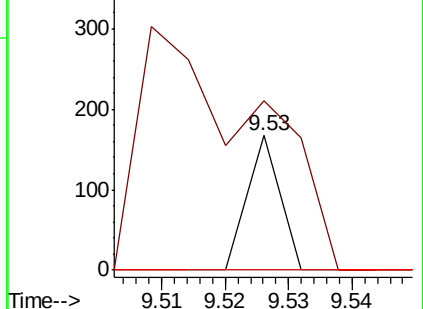
58 0.0 52.3 78.5#

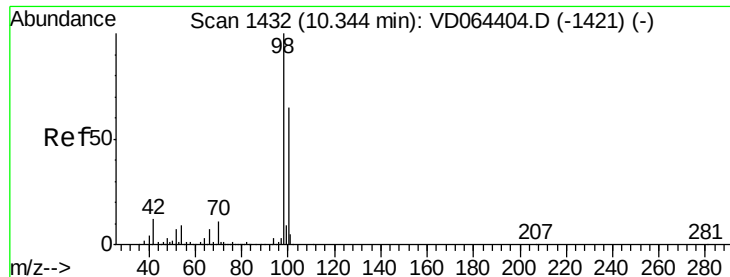


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

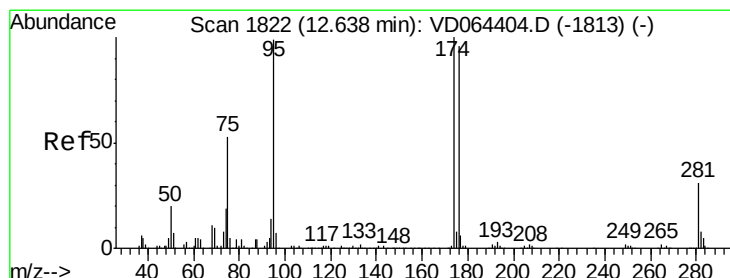
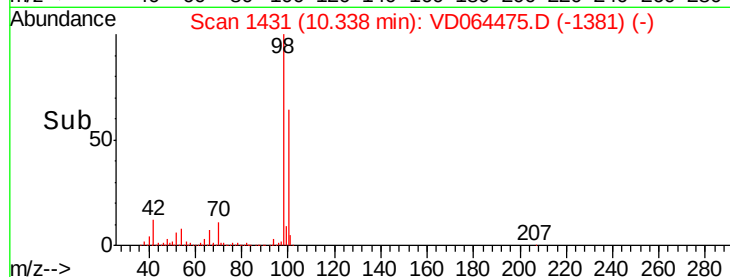
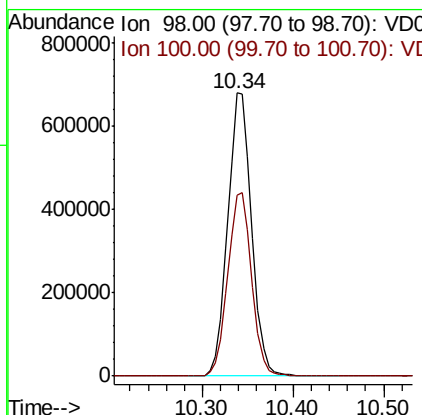
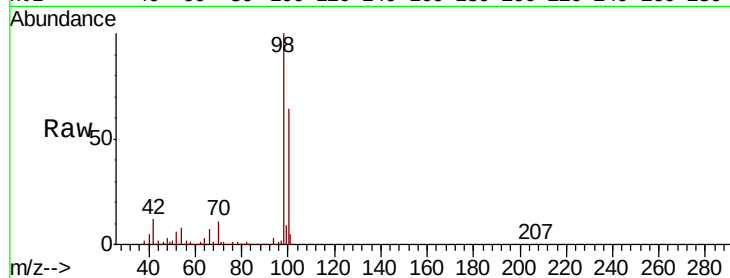




#50
Toluene-d8
Concen: 50.350 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064475.D
Acq: 09 Dec 2019 17:18

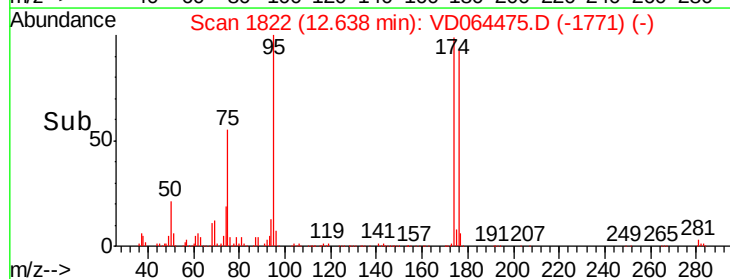
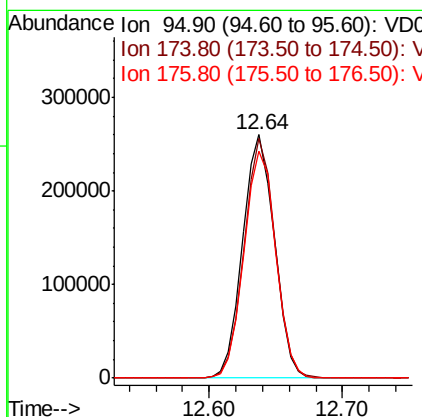
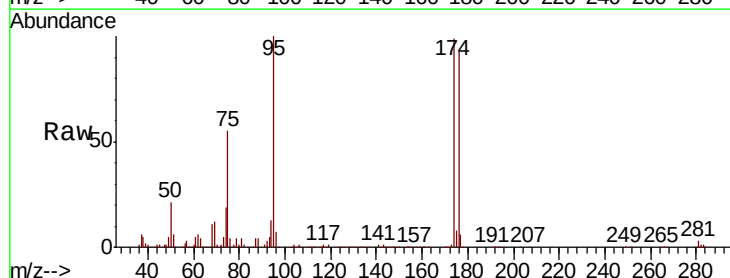
Instrument :
MSVOA_D
ClientSampleId :

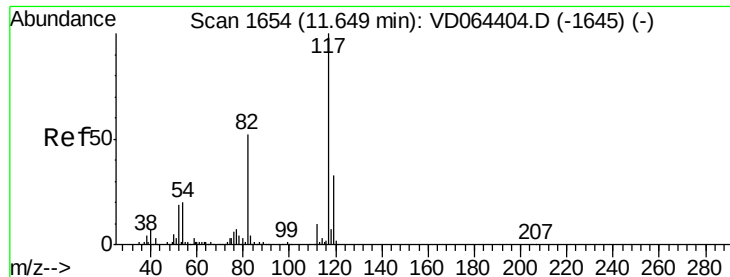
Tot Ion: 98 Resp: 1241105
Ion Ratio Lower Upper
98 100
100 65.0 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 53.845 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064475.D
Acq: 09 Dec 2019 17:18

Tgt Ion: 95 Resp: 426543
Ion Ratio Lower Upper
95 100
174 96.3 0.0 197.2
176 93.2 0.0 189.6

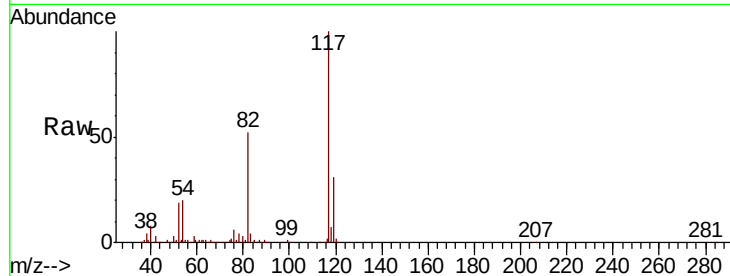




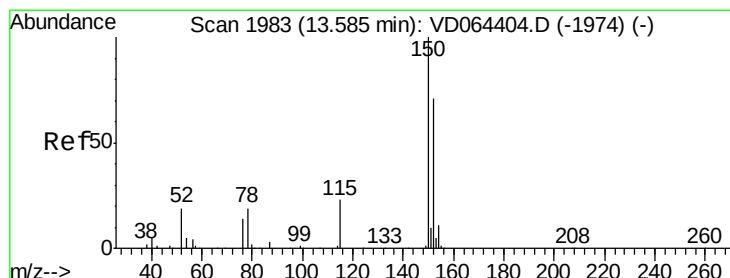
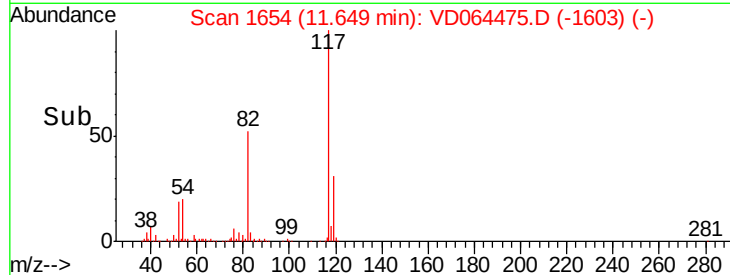
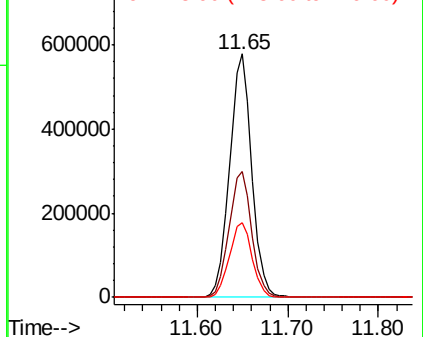
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064475.D
Acq: 09 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 980436
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.2
119 30.8 26.2 39.2

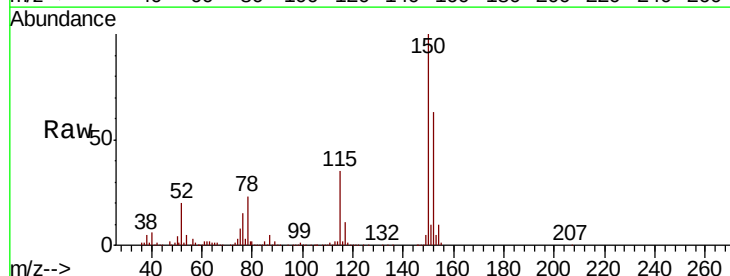


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

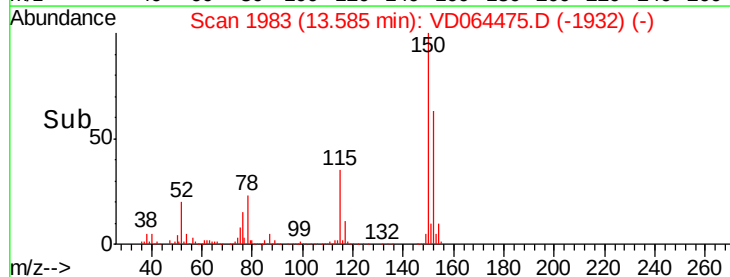
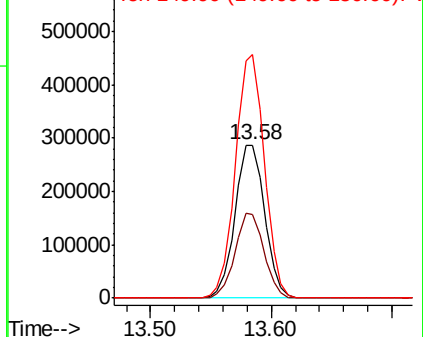


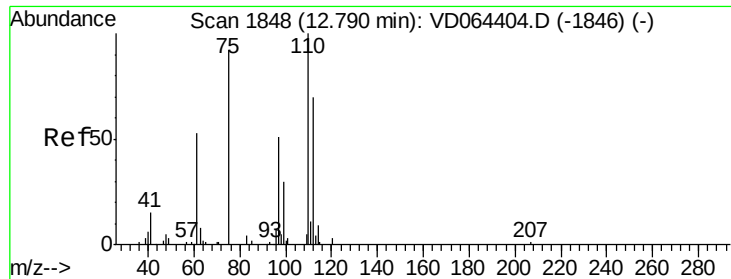
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064475.D
Acq: 09 Dec 2019 17:18

Tgt Ion:152 Resp: 491243
Ion Ratio Lower Upper
152 100
115 54.4 26.7 80.1
150 156.2 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: 55.332 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064475.D

Acq: 09 Dec 2019 17:18

Instrument :

MSVOA_D

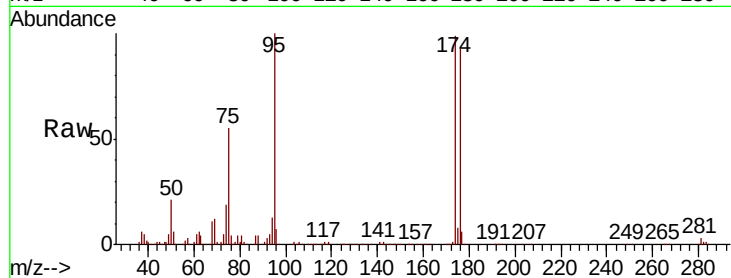
ClientSampleId :

Tot Ion: 75 Resp: 223532

Ion Ratio Lower Upper

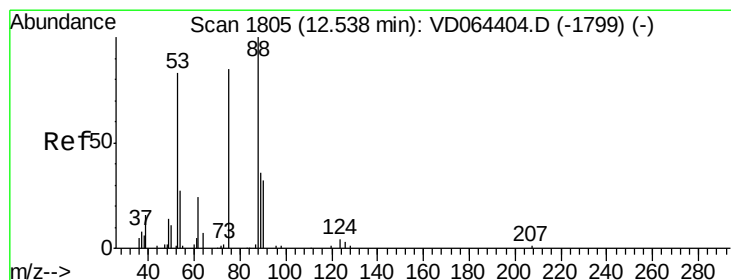
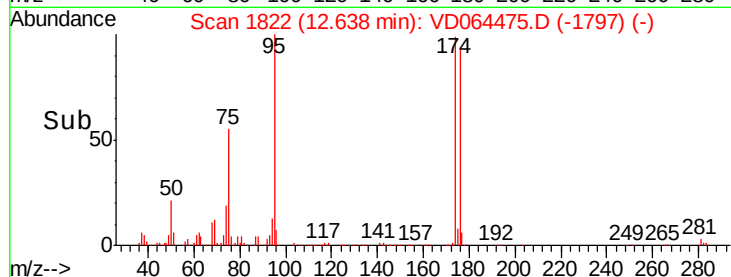
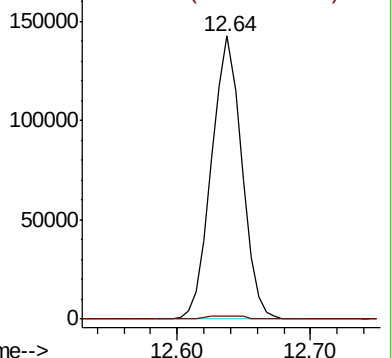
75 100

77 1.4 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: 120.653 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064475.D

Acq: 09 Dec 2019 17:18

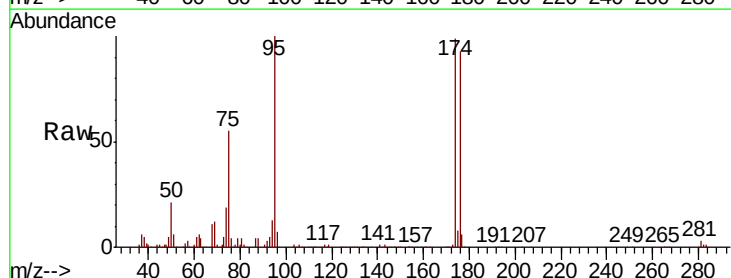
Tgt Ion: 75 Resp: 223532

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

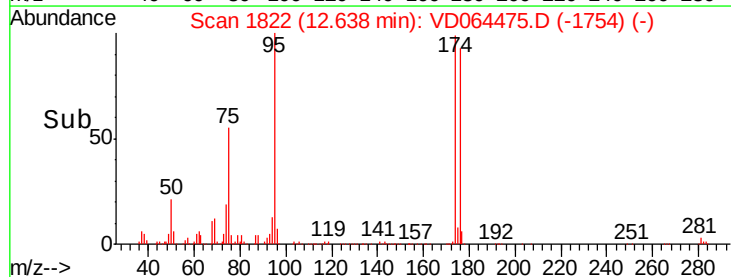
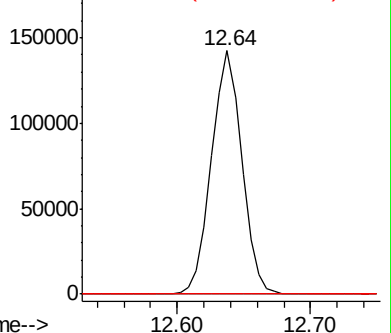
89 0.0 38.5 57.7#

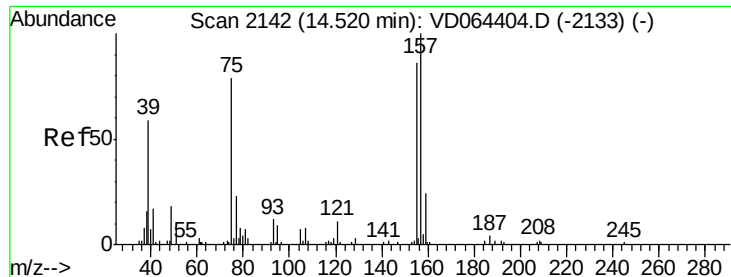


Abundance Ion 74.90 (74.60 to 75.60): VDC

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: 14.40 min Scan# 2122

Delta R.T. -0.12 min

Lab File: VD064475.D

Acq: 09 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 72

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

157 0.0 63.2 189.8#

