

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120919\
 Data File : VD064476.D
 Acq On : 09 Dec 2019 17:47
 Operator : VA/SY
 Sample : K6205-04
 Misc : 5.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 10 02:46:01 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

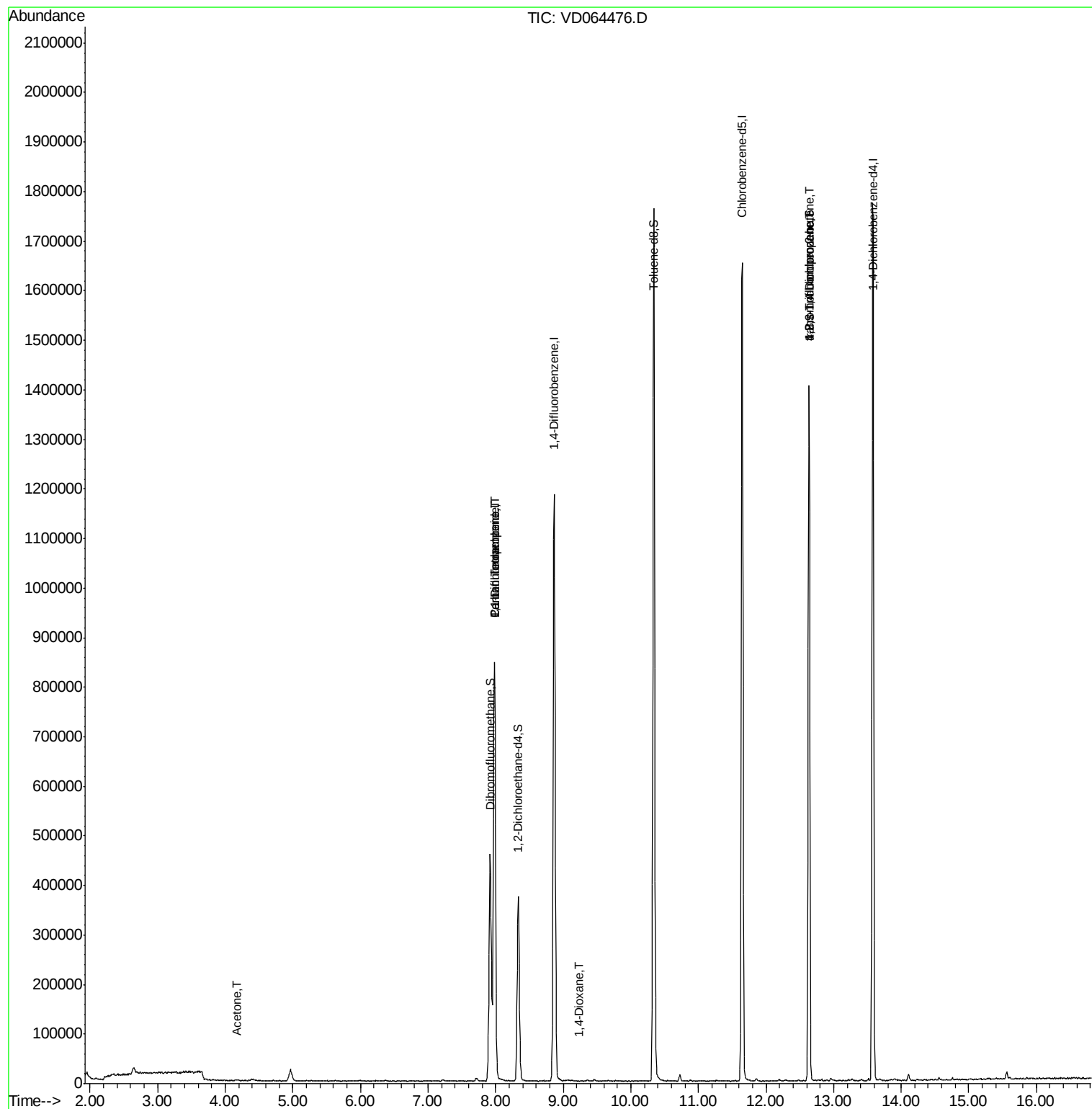
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	685643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1021345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	975029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	484828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	297849	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
35) Dibromofluoromethane	7.92	113	311385	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	10.34	98	1218760	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.64	95	427633	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	3476	2.772	ug/l #	47
20) Methylene Chloride	4.97	84	16848	Below Cal	#	83
31) Cyclohexane	7.98	56	13583	Below Cal	#	8
36) 1,1-Dichloropropene	7.99	75	45757	4.736	ug/l #	49
38) Carbon Tetrachloride	7.98	117	65976	6.471	ug/l #	13
49) 1,4-Dioxane	9.23	88	55	1.230	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	222402	55.781	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	222402	121.631	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.77	75	123	Below Cal	#	1

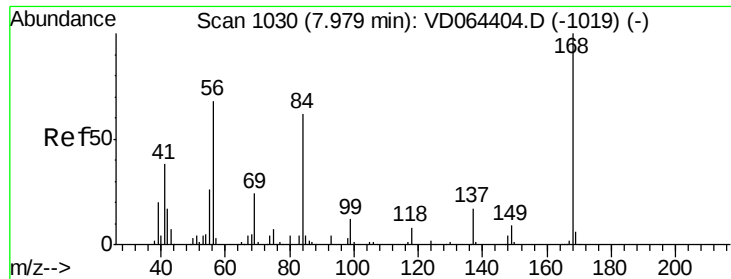
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120919\
Data File : VD064476.D
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Sample : K6205-04
Misc : 5.98G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 10 02:46:01 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: VD064476.D

Acq: 09 Dec 2019 17:47

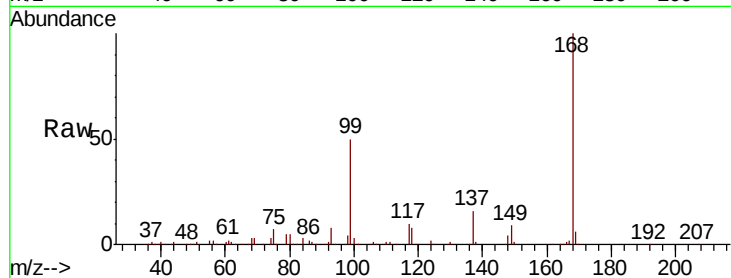
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 685643

Ion Ratio Lower Upper

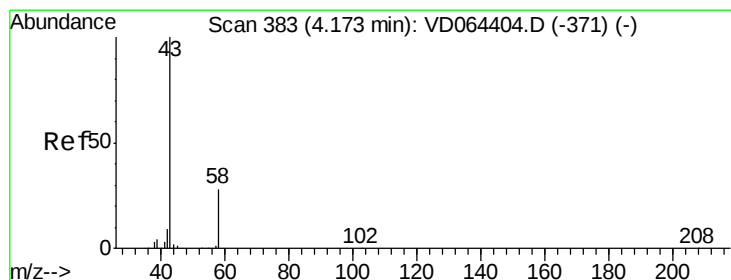
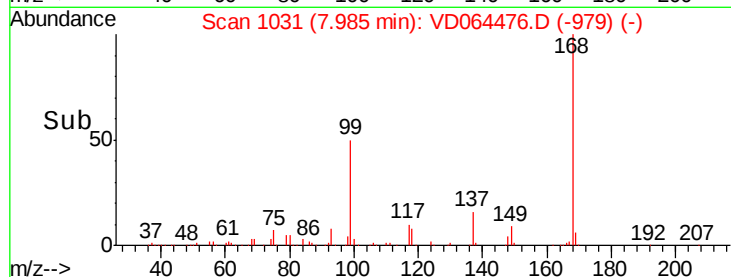
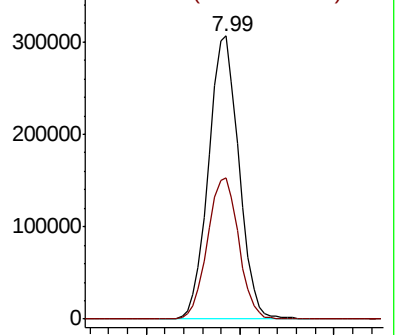
168 100

99 49.9 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: 2.772 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064476.D

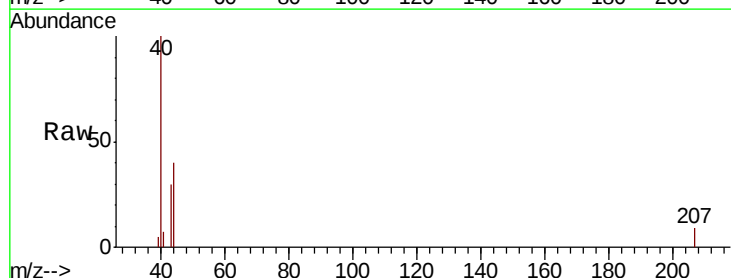
Acq: 09 Dec 2019 17:47

Tgt Ion: 43 Resp: 3476

Ion Ratio Lower Upper

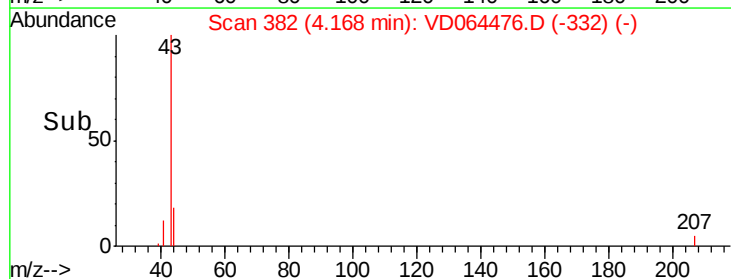
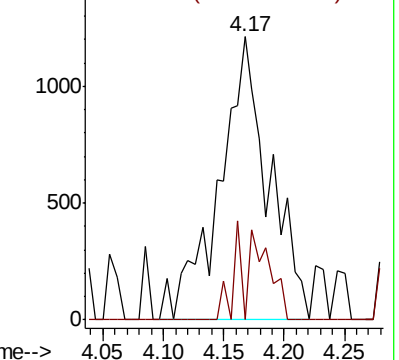
43 100

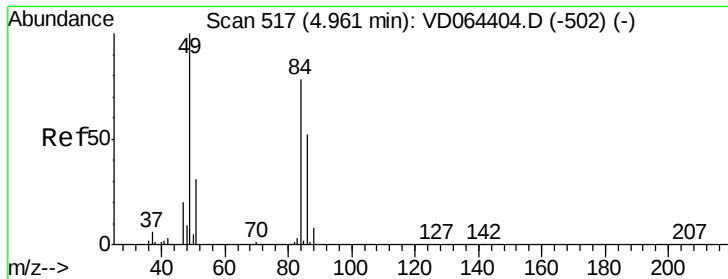
58 0.0 22.6 33.8#



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: VD064476.D

Acq: 09 Dec 2019 17:47

Instrument :

MSVOA_D

ClientSampleID :

Tot Ion: 84 Resp: 16848

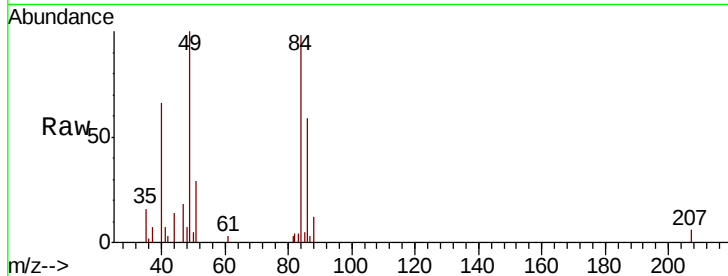
Ion Ratio Lower Upper

84 100

49 102.2 102.6 153.8#

51 30.1 32.0 48.0#

86 60.3 53.4 80.0



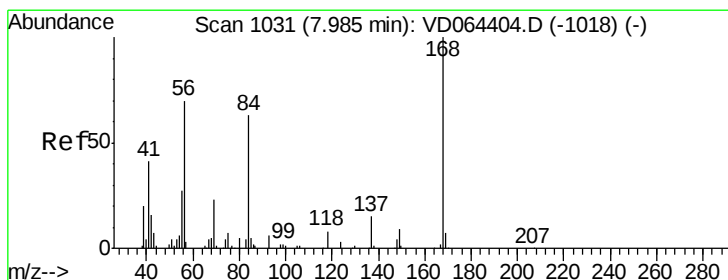
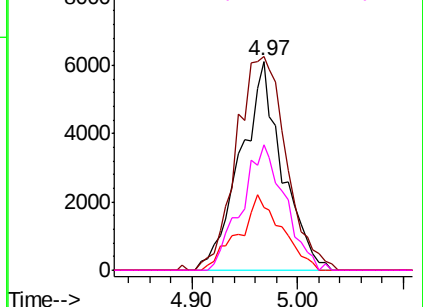
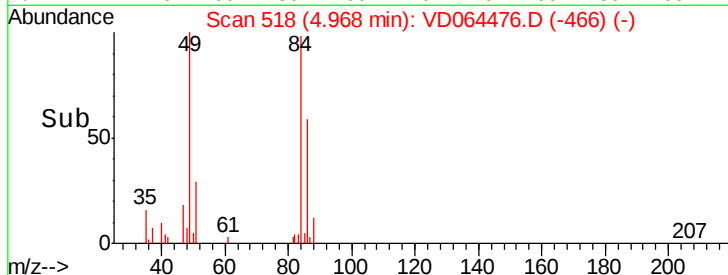
Abundance

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: VD064476.D

Acq: 09 Dec 2019 17:47

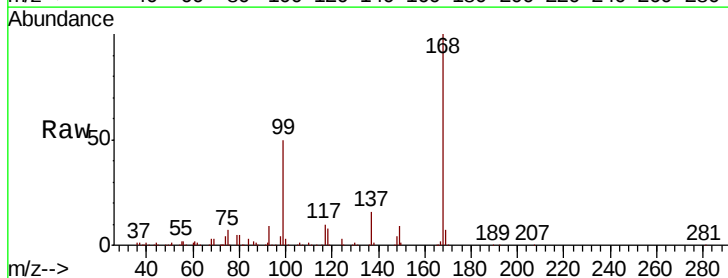
Tgt Ion: 56 Resp: 13583

Ion Ratio Lower Upper

56 100

69 138.1 26.2 39.4#

84 140.4 70.3 105.5#

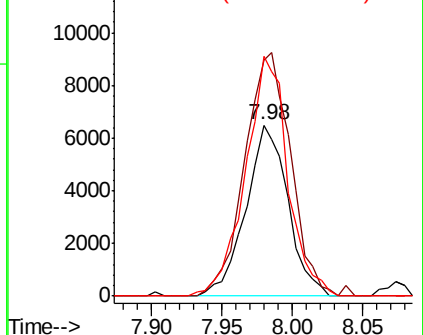
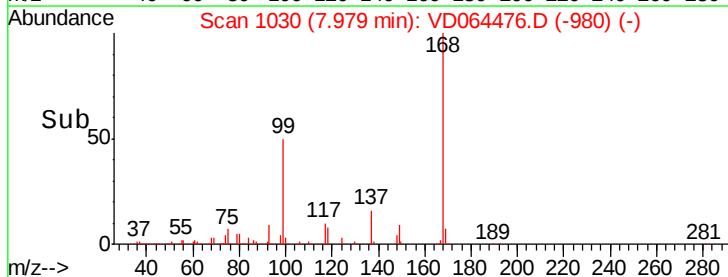


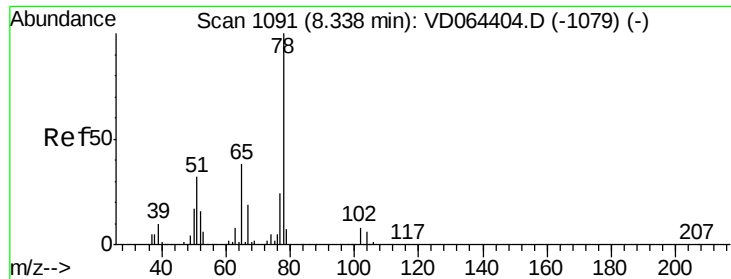
Abundance

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

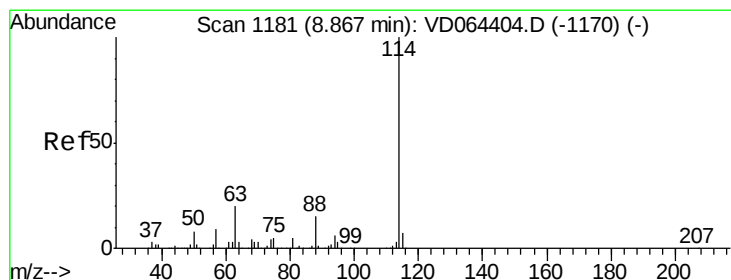
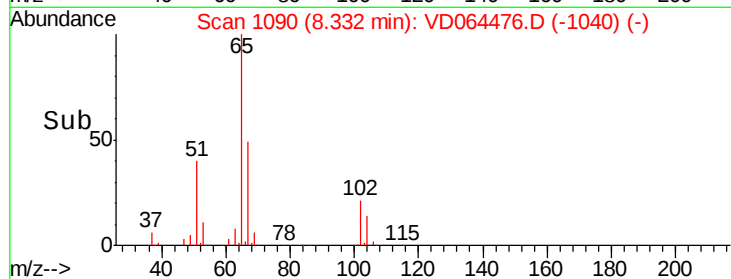
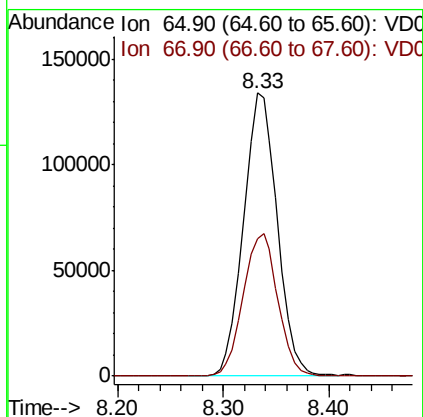
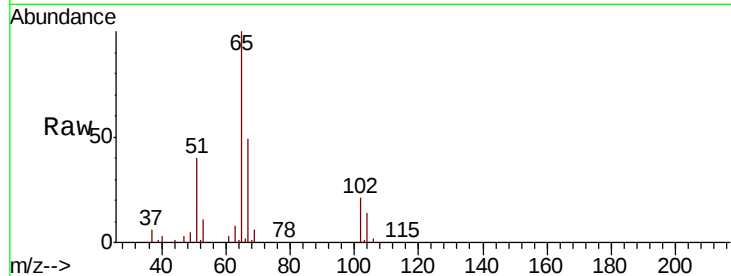




#33
 1,2-Dichloroethane-d4
 Concen: 47.993 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064476.D
 Acq: 09 Dec 2019 17:47

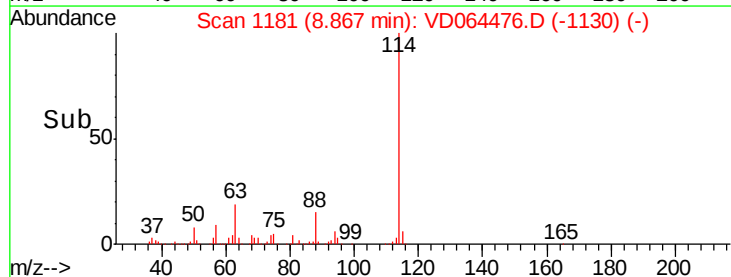
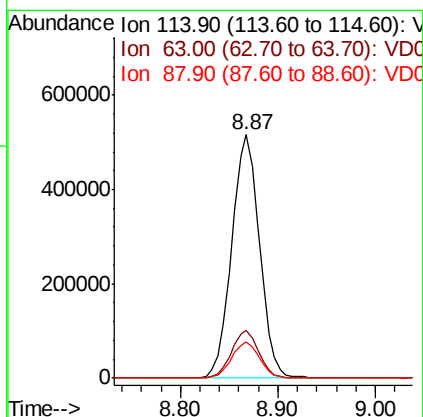
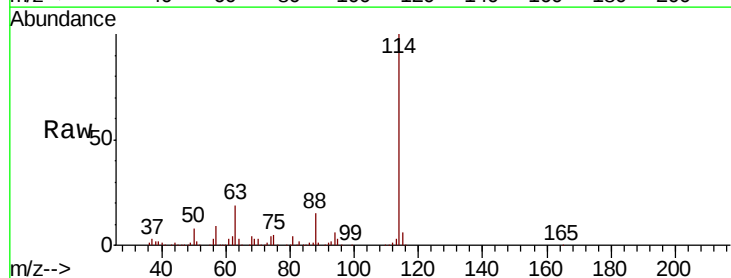
Instrument :
 MSVOA_D
 ClientSampleId :

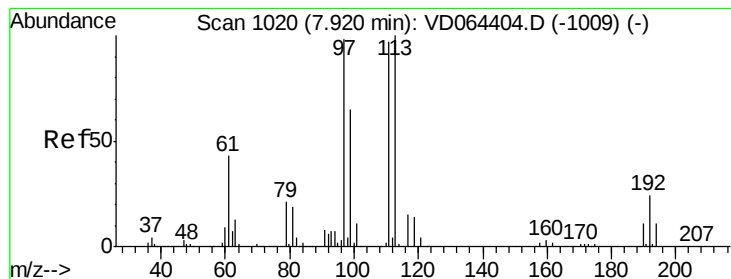
Tot Ion: 65 Resp: 297849
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064476.D
 Acq: 09 Dec 2019 17:47

Tgt Ion: 114 Resp: 1021345
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 14.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.389 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064476.D

Acq: 09 Dec 2019 17:47

Instrument :
MSVOA_D
ClientSampleId :

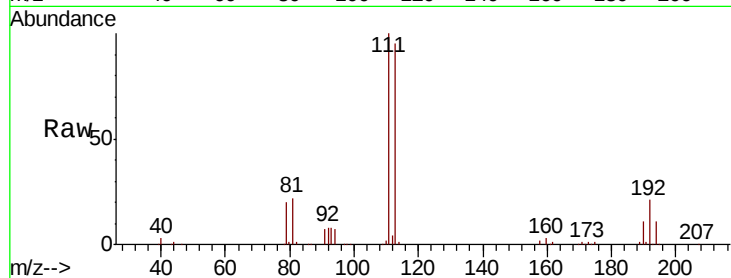
Tot Ion:113 Resp: 311385

Ion	Ratio	Lower	Upper
113	100		
111	104.1	79.4	119.2
192	22.7	18.6	28.0

113 100

111 104.1 79.4 119.2

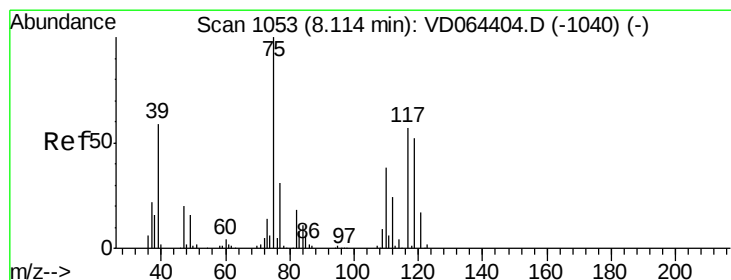
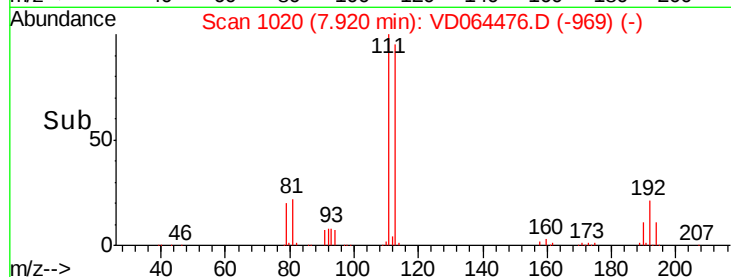
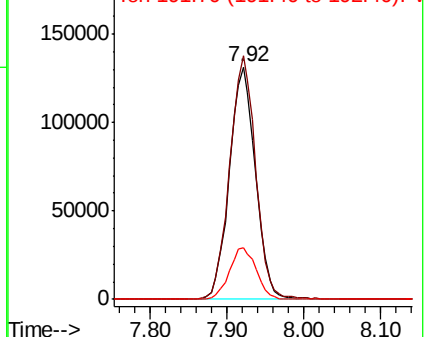
192 22.7 18.6 28.0



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: 4.736 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD064476.D

Acq: 09 Dec 2019 17:47

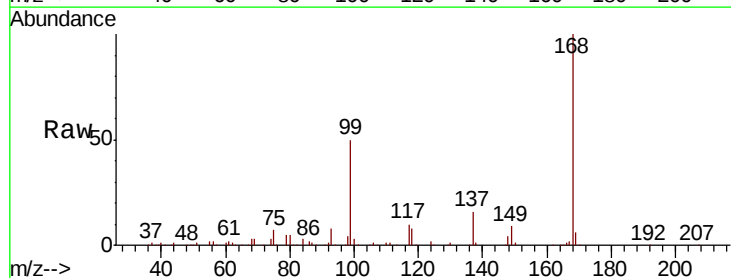
Tgt Ion: 75 Resp: 45757

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.6	55.8#
77	0.0	25.0	37.4#

75 100

110 9.7 18.6 55.8#

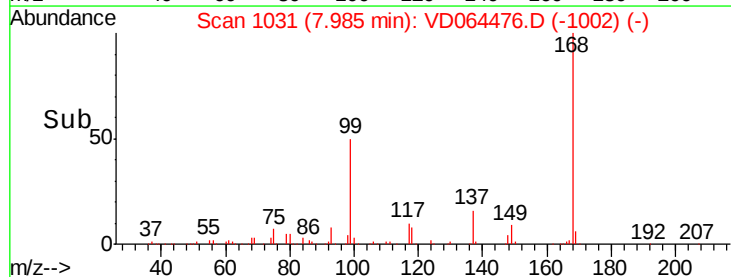
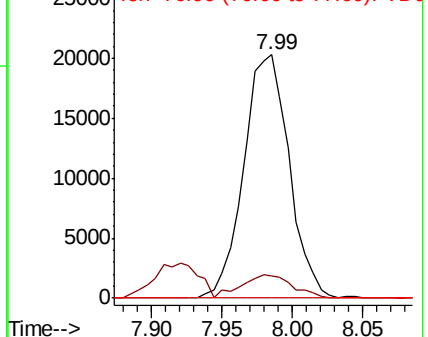
77 0.0 25.0 37.4#

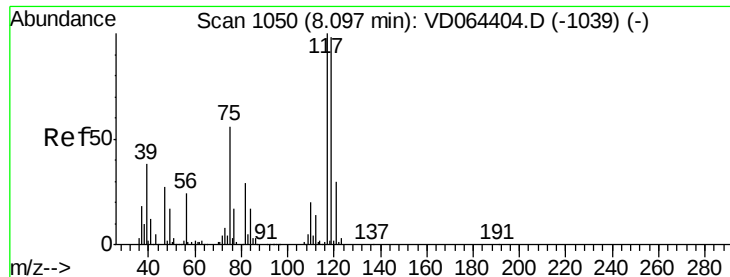


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.471 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064476.D

Acq: 09 Dec 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

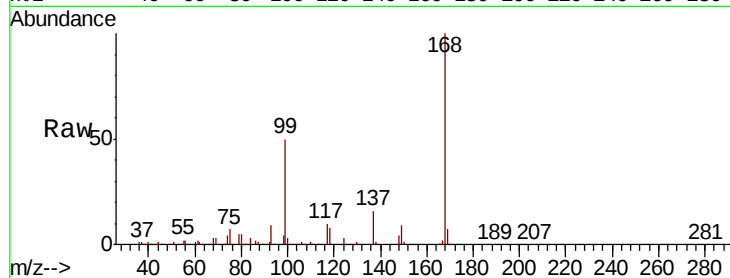
Tot Ion:117 Resp: 65976

Ion Ratio Lower Upper

117 100

119 3.2 78.8 118.2#

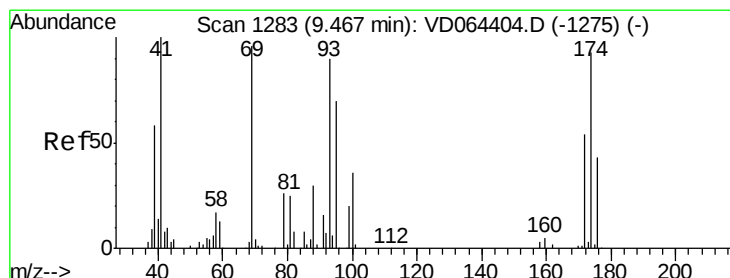
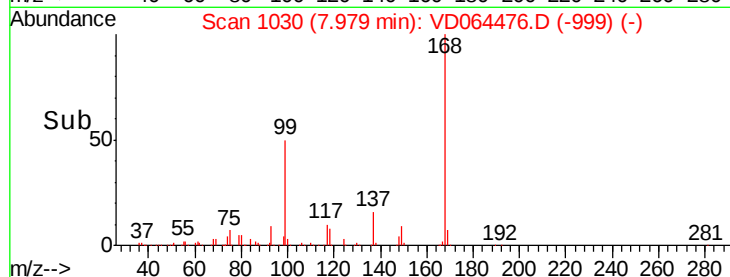
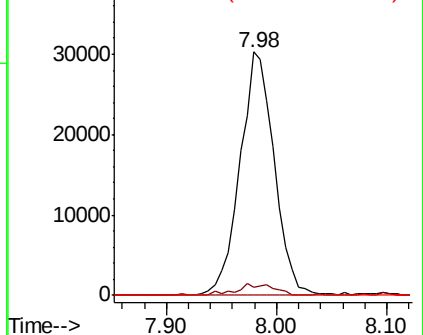
121 0.0 24.2 36.2#



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: 1.230 ug/l

RT: 9.23 min Scan# 1243

Delta R.T. -0.24 min

Lab File: VD064476.D

Acq: 09 Dec 2019 17:47

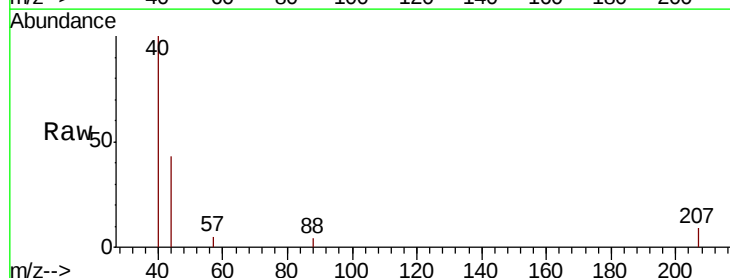
Tgt Ion: 88 Resp: 55

Ion Ratio Lower Upper

88 100

43 220.0 26.7 40.1#

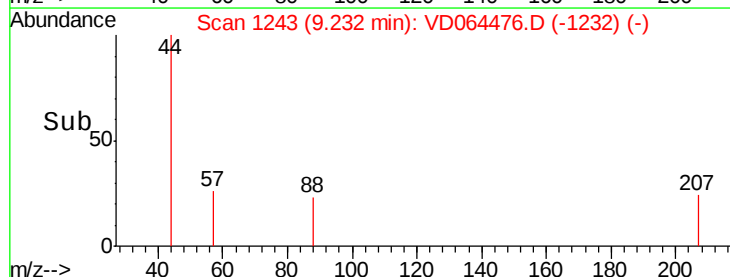
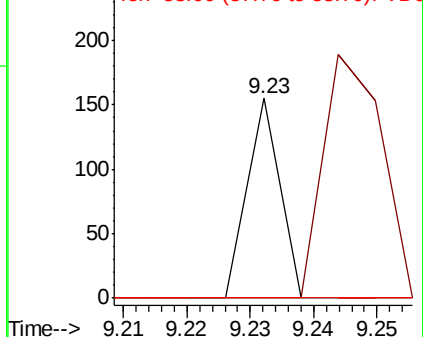
58 0.0 52.3 78.5#

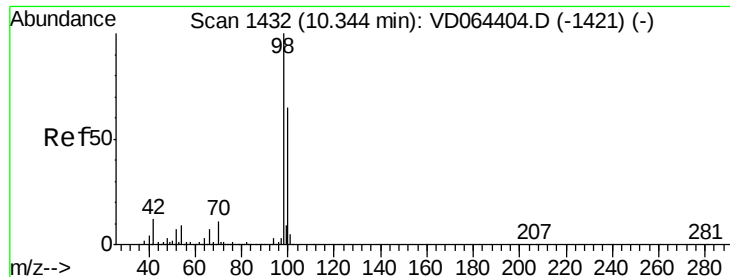


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

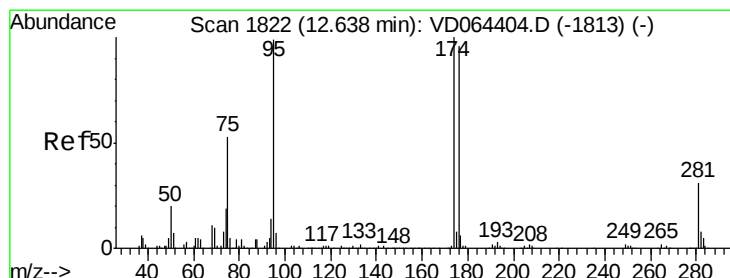
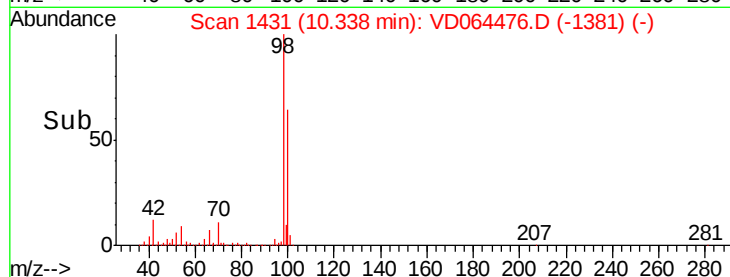
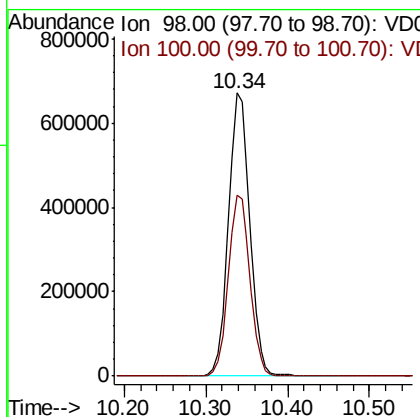
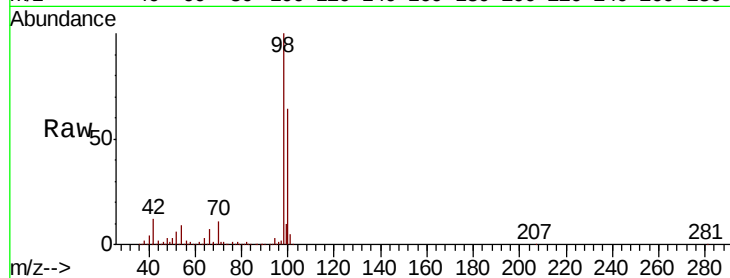




#50
Toluene-d8
Concen: 50.279 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064476.D
Acq: 09 Dec 2019 17:47

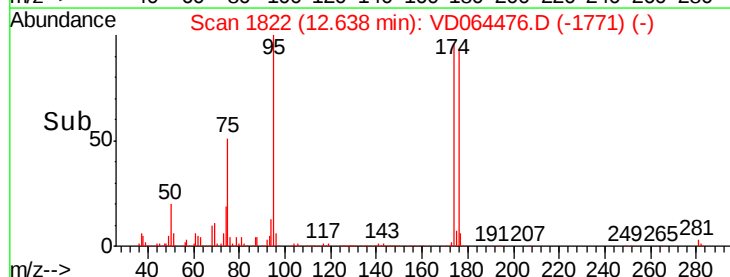
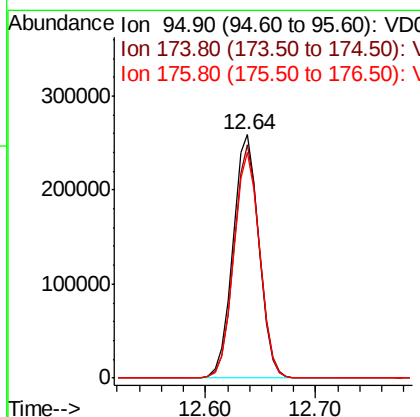
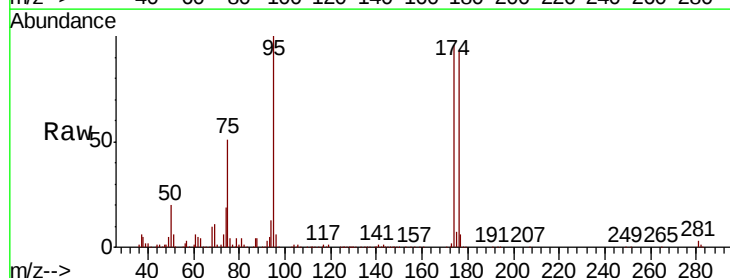
Instrument :
MSVOA_D
ClientSampleId :

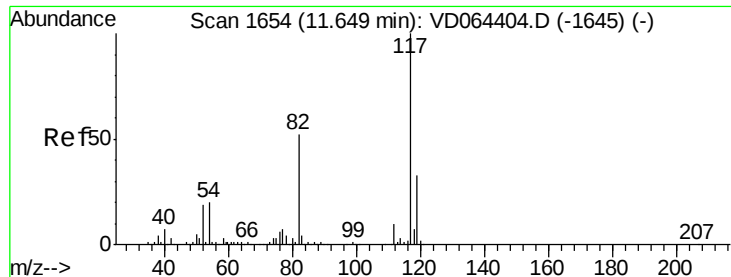
Tot Ion: 98 Resp: 1218760
Ion Ratio Lower Upper
98 100
100 64.9 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 54.895 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064476.D
Acq: 09 Dec 2019 17:47

Tgt Ion: 95 Resp: 427633
Ion Ratio Lower Upper
95 100
174 94.4 0.0 197.2
176 92.2 0.0 189.6

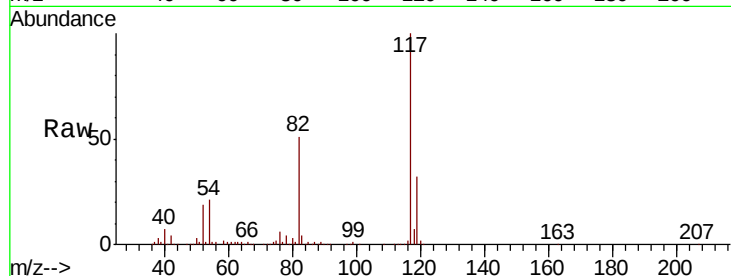




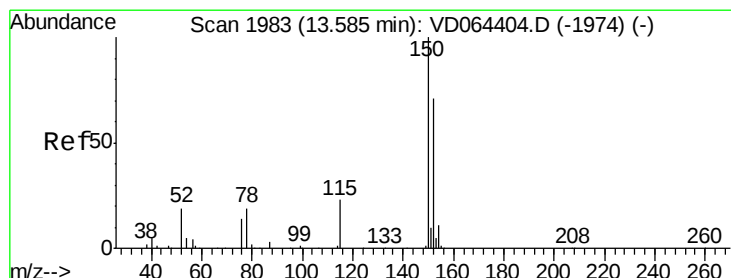
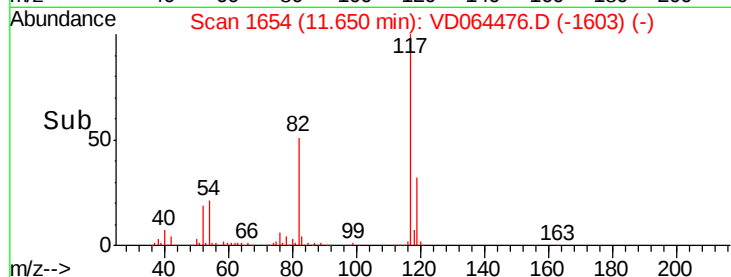
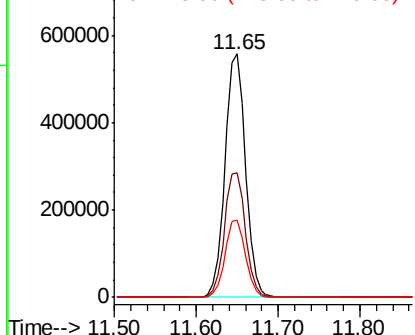
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064476.D
Acq: 09 Dec 2019 17:47

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 975029
Ion Ratio Lower Upper
117 100
82 51.3 41.4 62.2
119 31.5 26.2 39.2

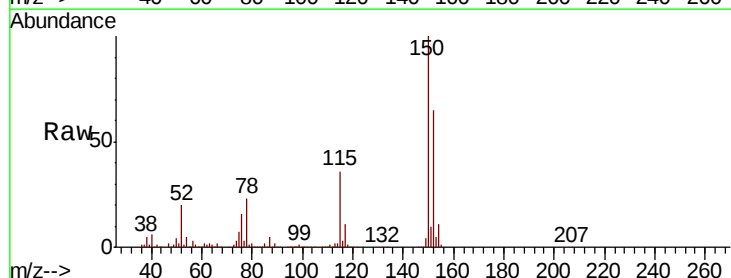


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

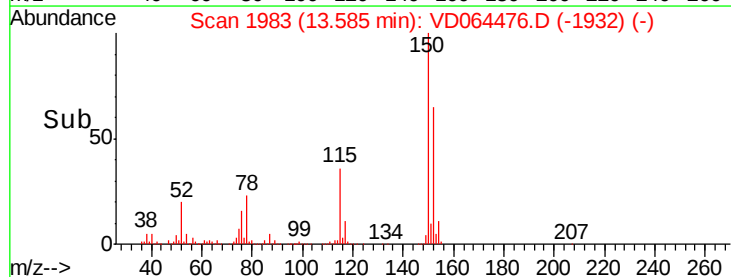
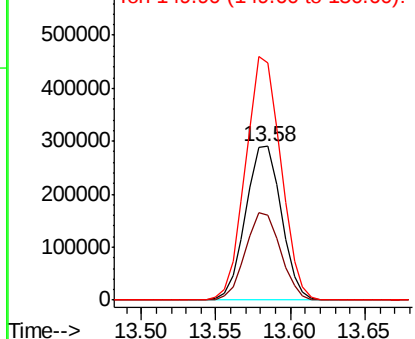


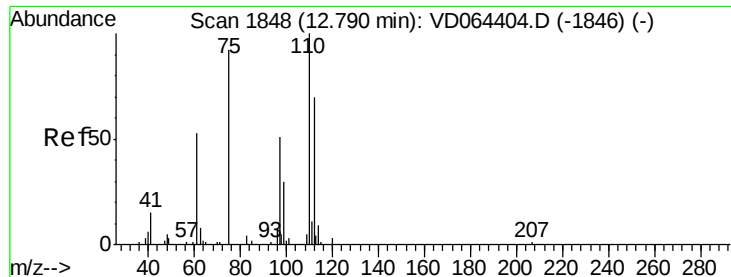
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064476.D
Acq: 09 Dec 2019 17:47

Tgt Ion:152 Resp: 484828
Ion Ratio Lower Upper
152 100
115 55.7 26.7 80.1
150 155.6 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: 55.781 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064476.D

Acq: 09 Dec 2019 17:47

Instrument :

MSVOA_D

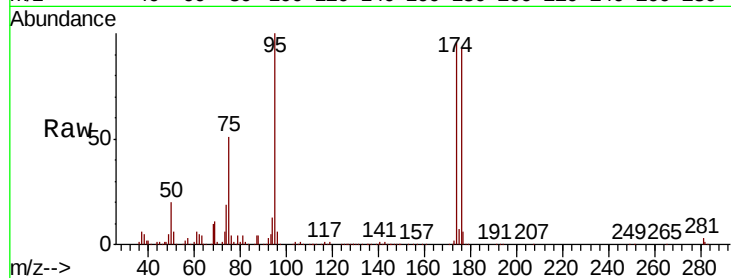
ClientSampled :

Tot Ion: 75 Resp: 222402

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

12.64

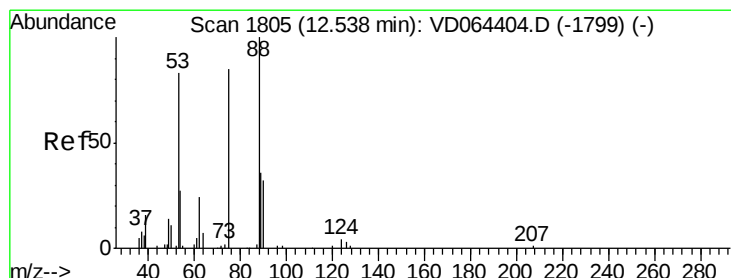
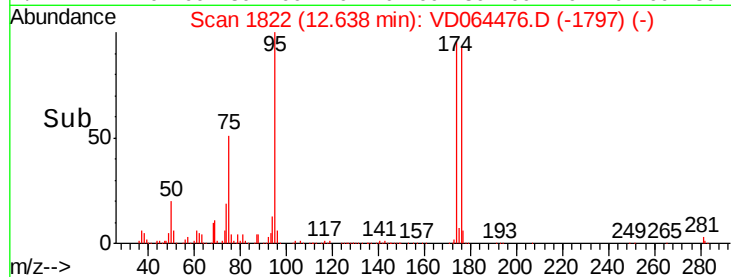
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 121.631 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064476.D

Acq: 09 Dec 2019 17:47

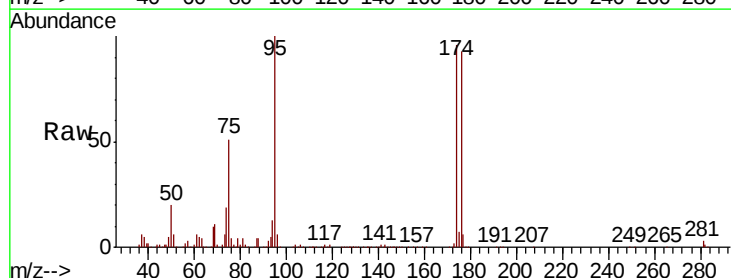
Tgt Ion: 75 Resp: 222402

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

12.64

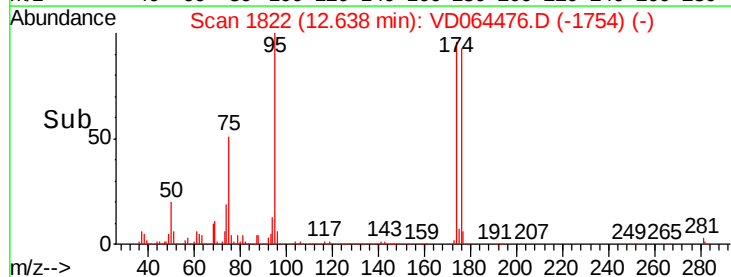
150000

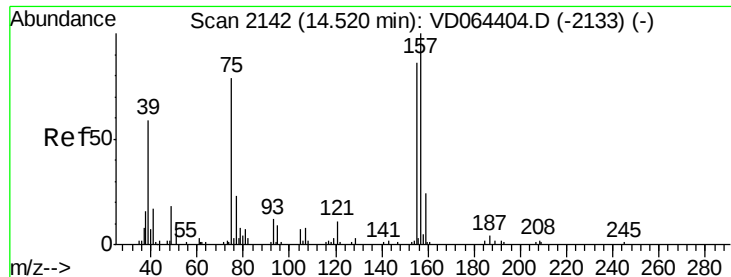
100000

50000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.77 min Scan# 2185

Delta R.T. 0.25 min

Lab File: VD064476.D

Acq: 09 Dec 2019 17:47

Instrument :

MSVOA_D

ClientSampleId :

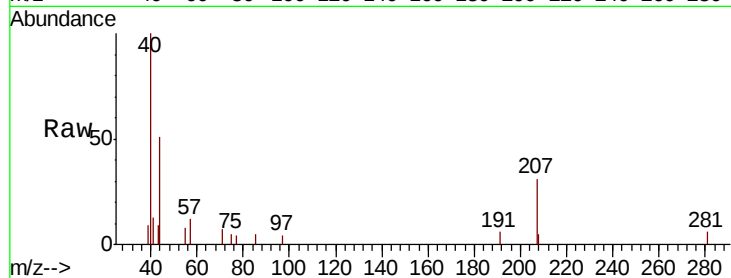
Tot Ion: 75 Resp: 123

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

