

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120919\
 Data File : VD064477.D
 Acq On : 09 Dec 2019 18:16
 Operator : VA/SY
 Sample : K6205-05
 Misc : 6.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 10 02:46:11 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

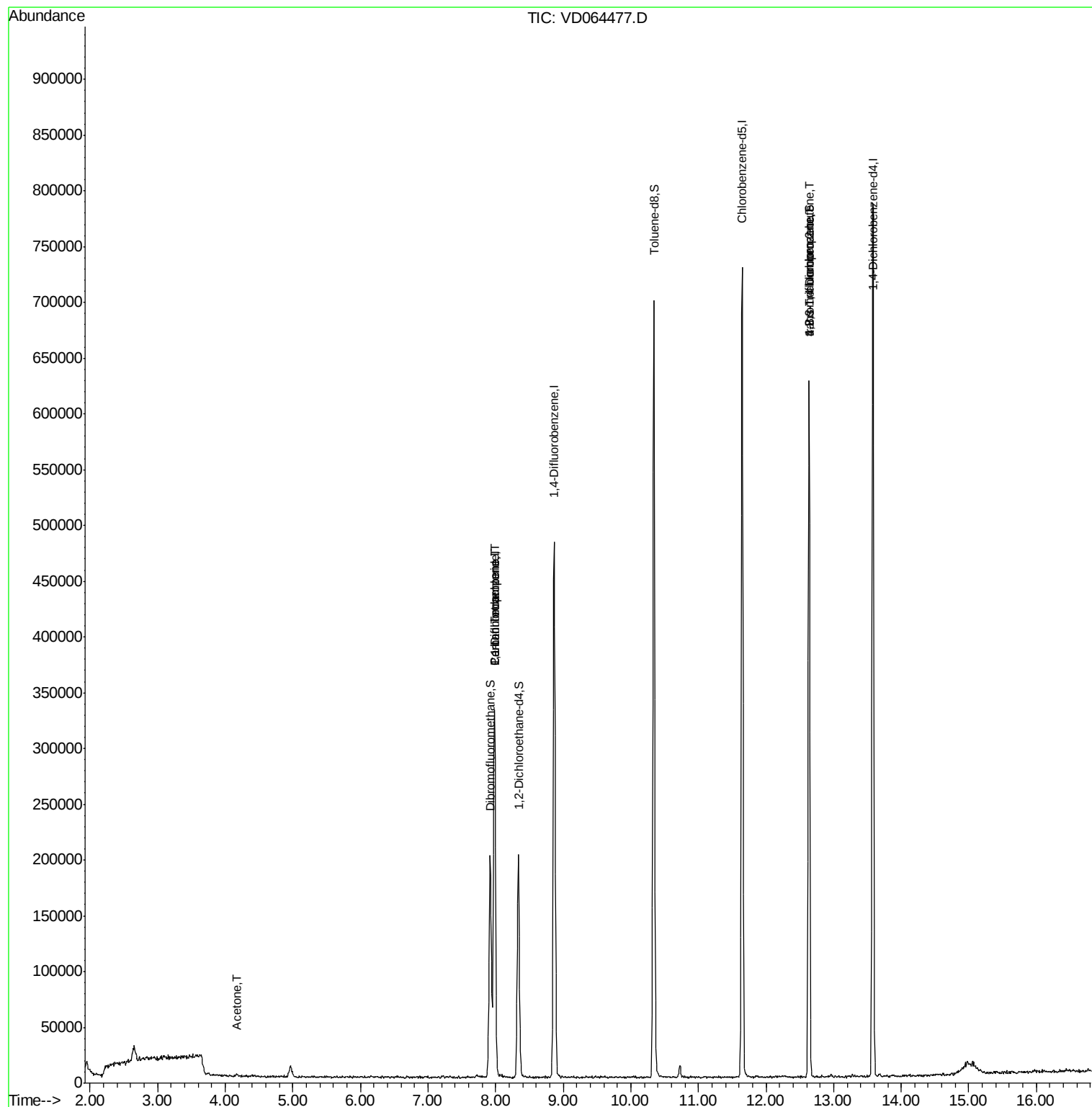
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	262992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	414284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	415596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	220306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	154508	64.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.82%	
35) Dibromofluoromethane	7.92	113	136762	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
50) Toluene-d8	10.34	98	485387	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.64	95	186601	59.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.10%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	3209	6.671	ug/l #	84
20) Methylene Chloride	4.96	84	7353	Below Cal	#	73
31) Cyclohexane	7.98	56	5141	Below Cal	#	19
36) 1,1-Dichloropropene	7.98	75	18380	4.690	ug/l #	49
38) Carbon Tetrachloride	7.98	117	24836	6.005	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	98683	54.469	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	98683	118.771	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.78	75	58	Below Cal	#	1

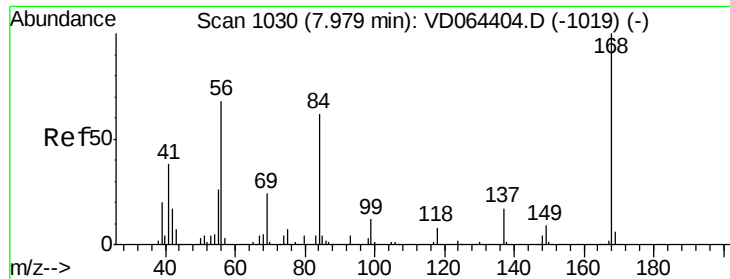
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120919\
Data File : VD064477.D
Acq On : 09 Dec 2019 18:16
Operator : VA/SY
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Misc : 6.13G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 10 02:46:11 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# 1030

Delta R.T. 0.00 min

Lab File: VD064477.D

Acq: 09 Dec 2019 18:16

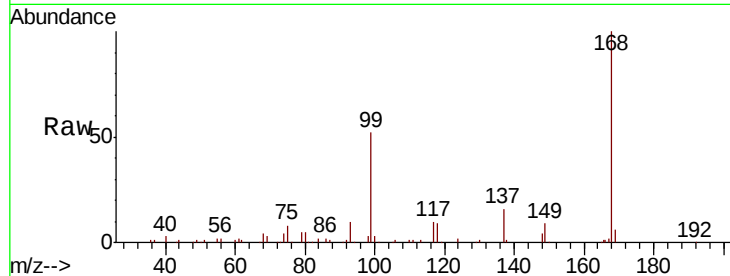
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 262992

Ion Ratio Lower Upper

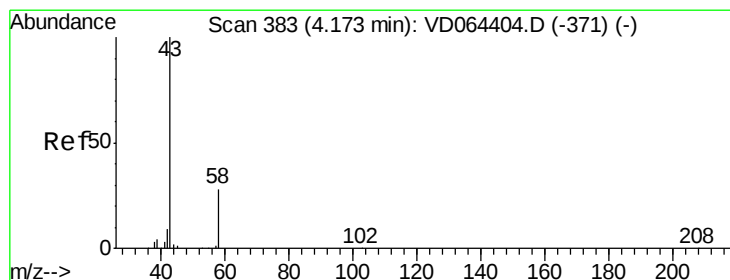
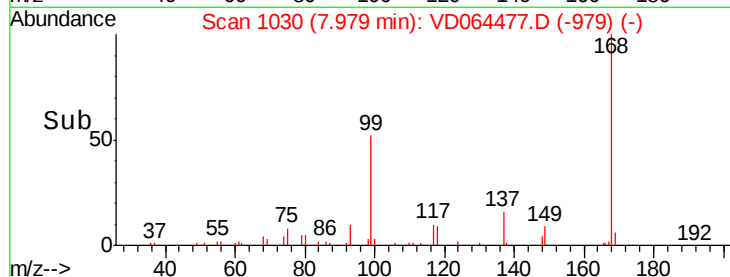
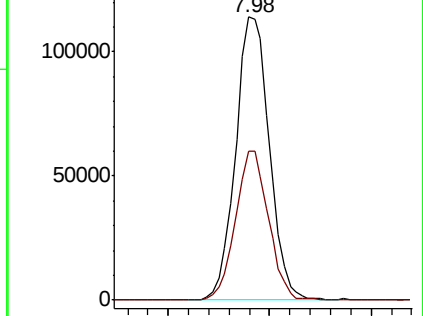
168 100

99 52.5 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: 6.671 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.00 min

Lab File: VD064477.D

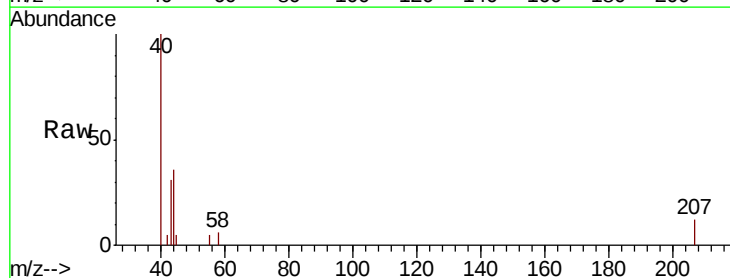
Acq: 09 Dec 2019 18:16

Tgt Ion: 43 Resp: 3209

Ion Ratio Lower Upper

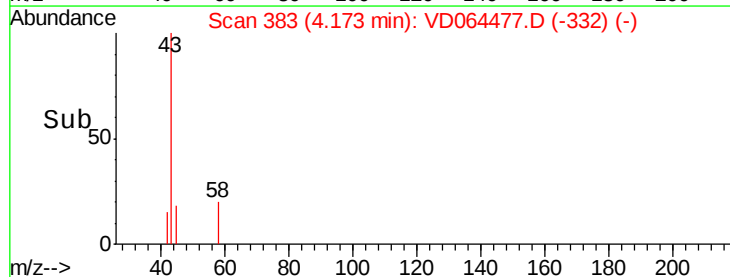
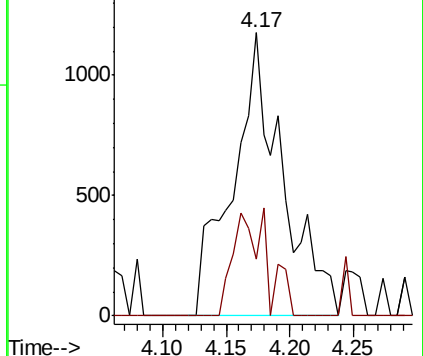
43 100

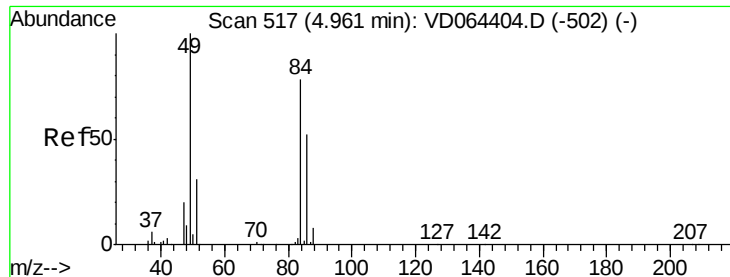
58 20.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

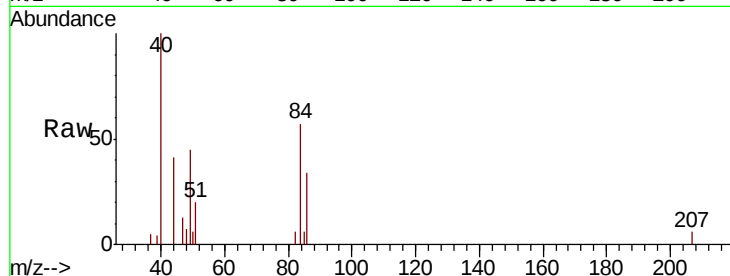




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064477.D
Acq: 09 Dec 2019 18:16

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	84	Resp	7353
Ion Ratio	Lower	Upper	
84	100		
49	80.2	102.6	153.8#
51	34.5	32.0	48.0
86	59.7	53.4	80.0



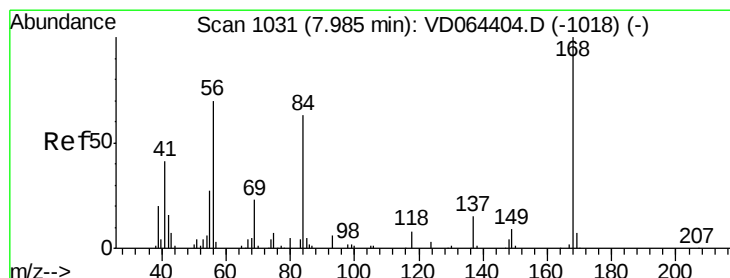
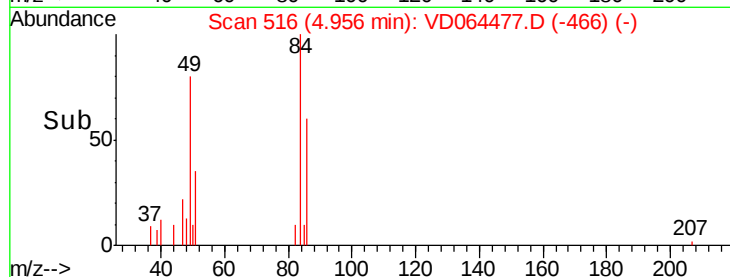
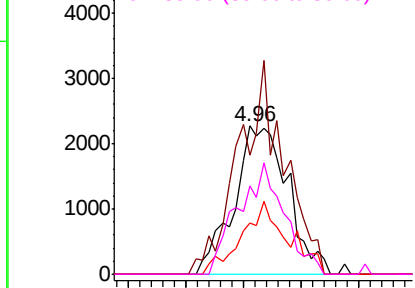
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

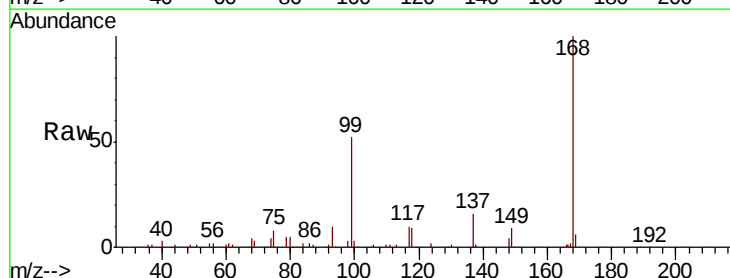
Ion 50.90 (50.60 to 51.60): VDC

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: VD064477.D
Acq: 09 Dec 2019 18:16

Tgt Ion	56	Resp	5141
Ion Ratio	Lower	Upper	
56	100		
69	160.7	26.2	39.4#
84	113.1	70.3	105.5#

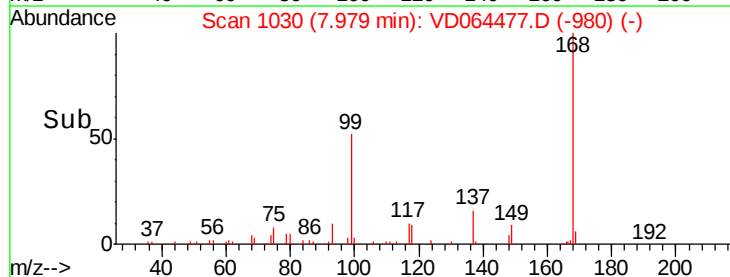
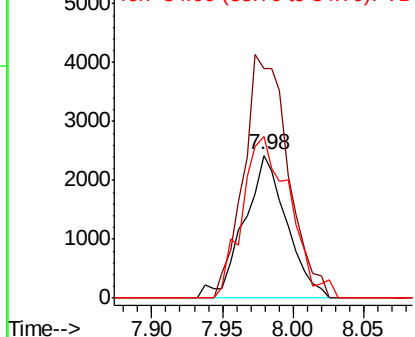


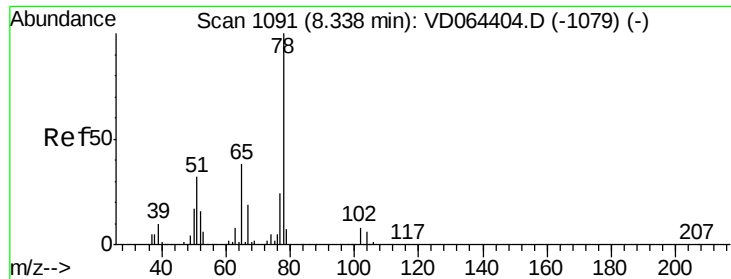
Abundance

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: 64.907 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064477.D

Acq: 09 Dec 2019 18:16

Instrument :

MSVOA_D

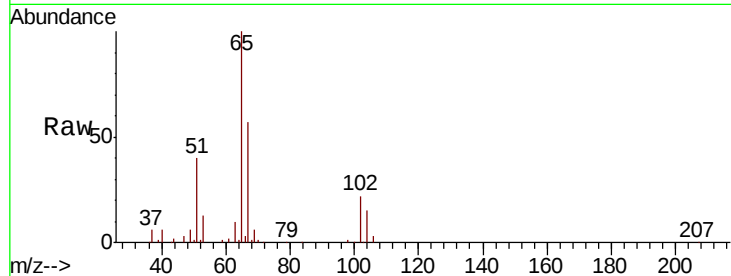
ClientSampleId :

Tot Ion: 65 Resp: 154508

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

60000

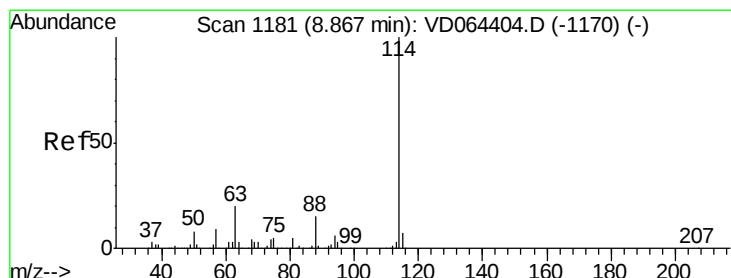
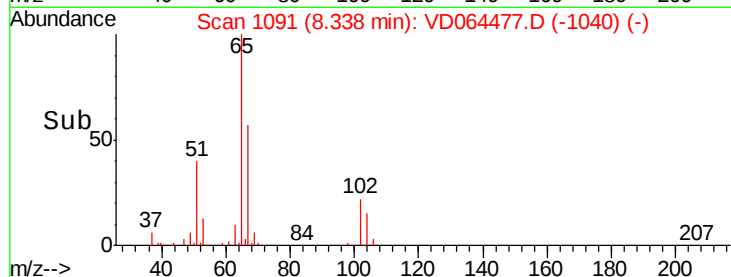
40000

20000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064477.D

Acq: 09 Dec 2019 18:16

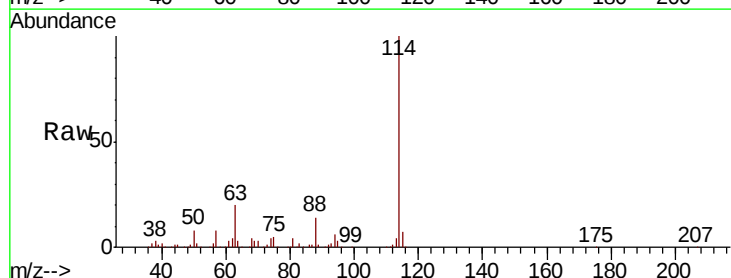
Tgt Ion: 114 Resp: 414284

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 14.0 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

250000

200000

150000

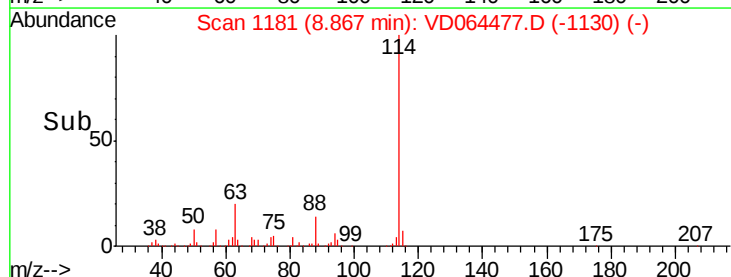
100000

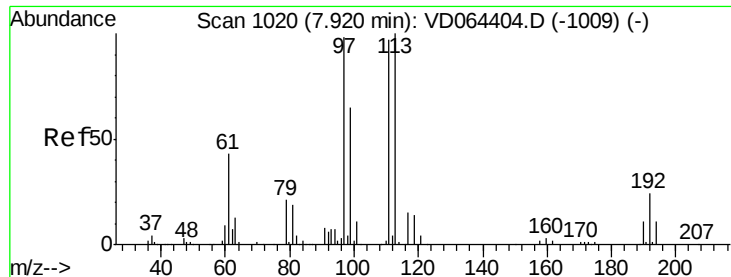
50000

0

8.80 8.90 9.00

Time-->

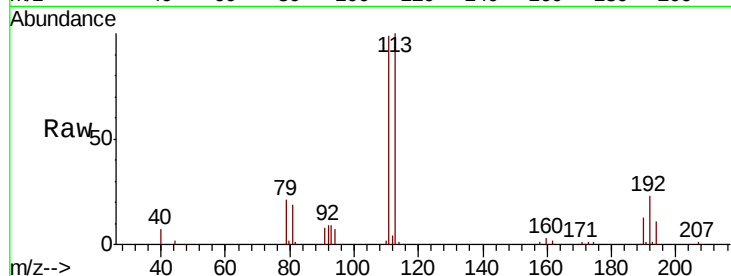




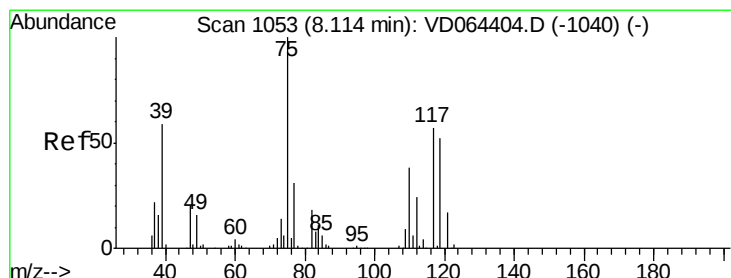
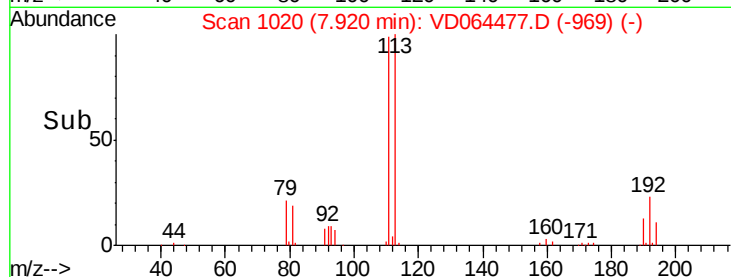
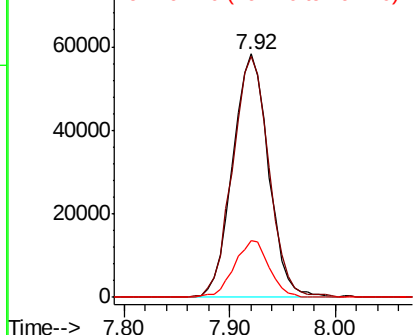
#35
 Dibromofluoromethane
 Concen: 52.395 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064477.D
 Acq: 09 Dec 2019 18:16

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 136762
 Ion Ratio Lower Upper
 113 100
 111 100.4 79.4 119.2
 192 22.6 18.6 28.0

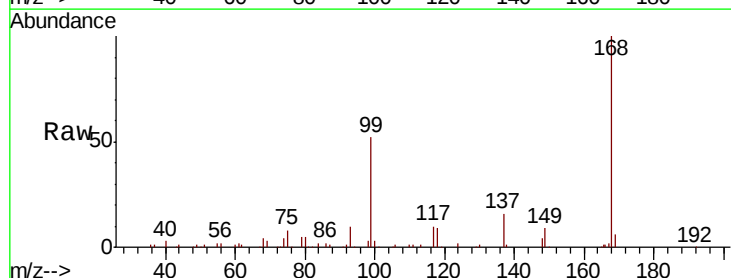


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

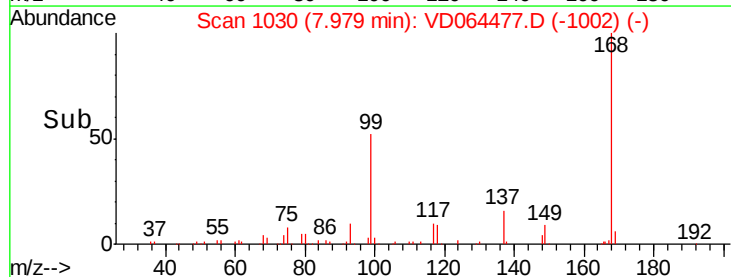
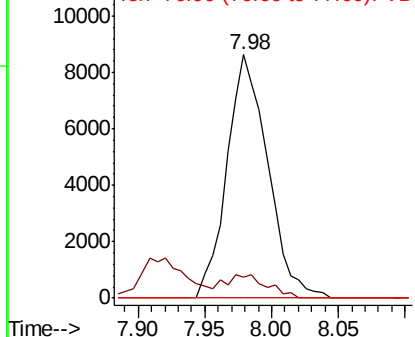


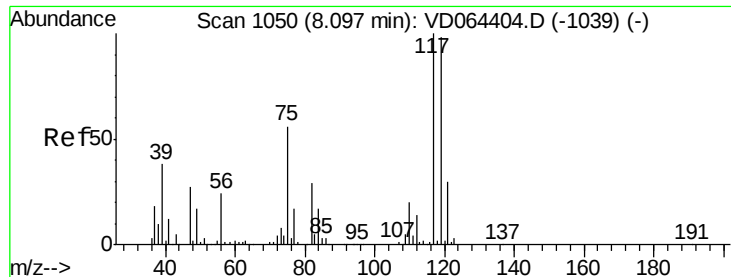
#36
 1,1-Dichloropropene
 Concen: 4.690 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064477.D
 Acq: 09 Dec 2019 18:16

Tgt Ion: 75 Resp: 18380
 Ion Ratio Lower Upper
 75 100
 110 10.0 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: 6.005 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064477.D

Acq: 09 Dec 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

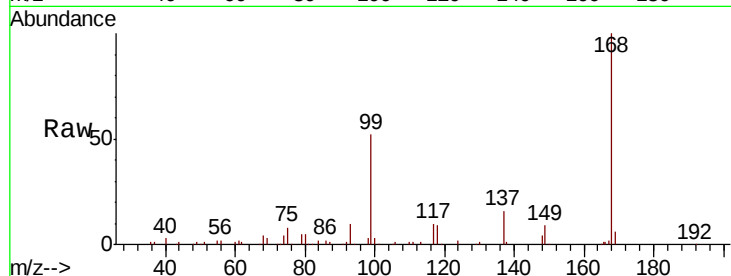
Tot Ion:117 Resp: 24836

Ion Ratio Lower Upper

117 100

119 3.9 78.8 118.2#

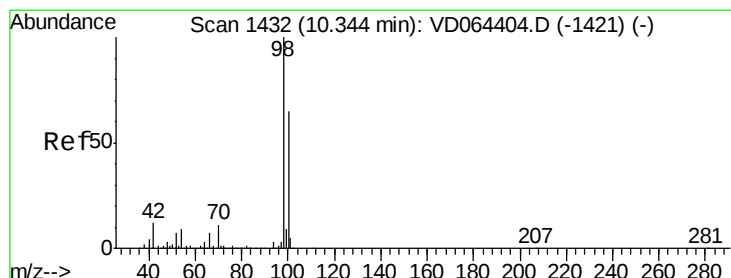
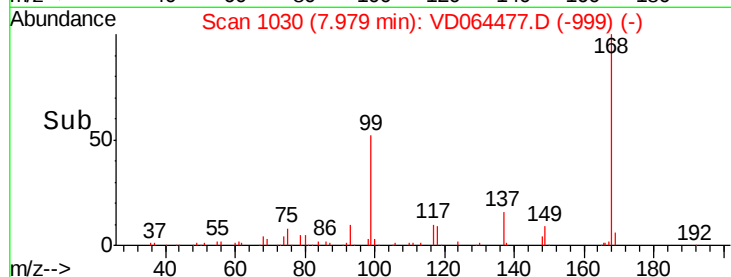
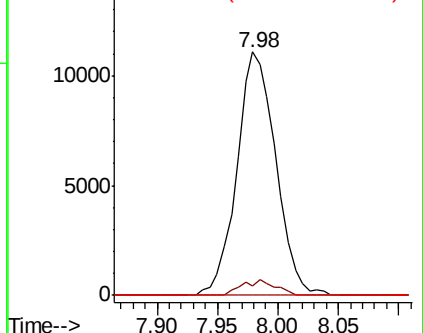
121 0.0 24.2 36.2#



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: 49.366 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064477.D

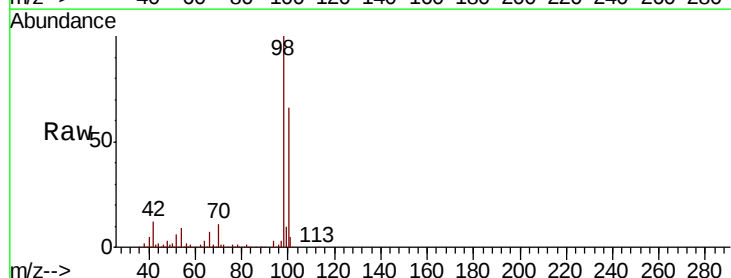
Acq: 09 Dec 2019 18:16

Tgt Ion: 98 Resp: 485387

Ion Ratio Lower Upper

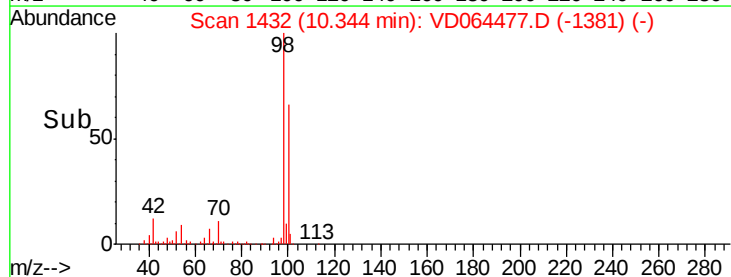
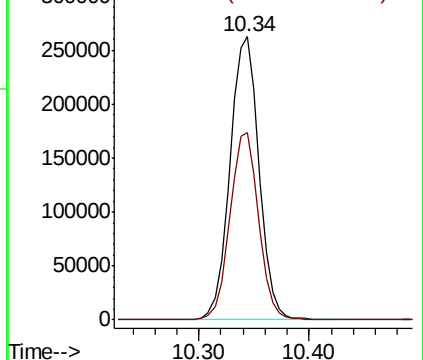
98 100

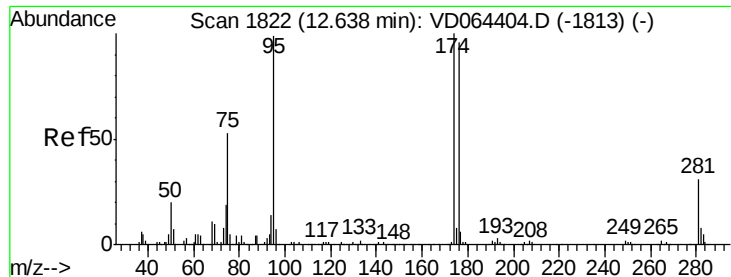
100 65.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

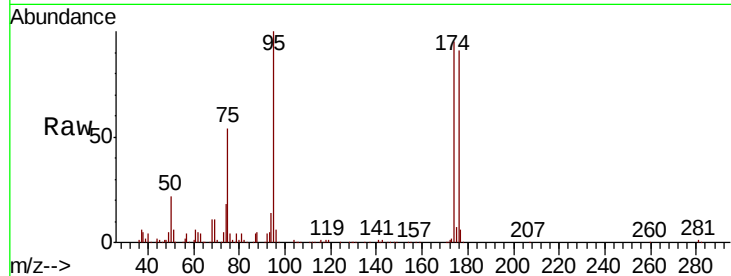




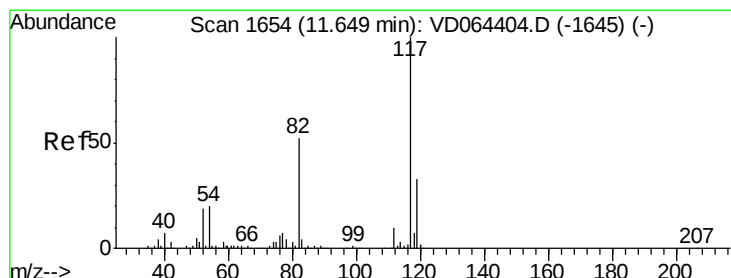
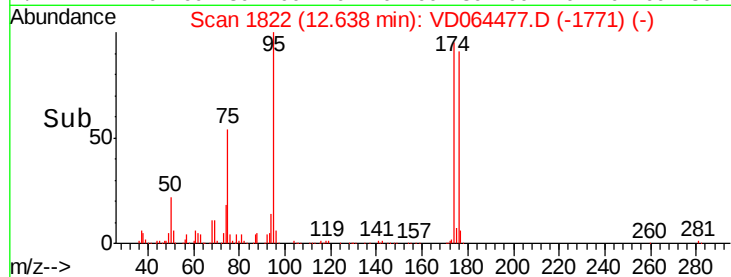
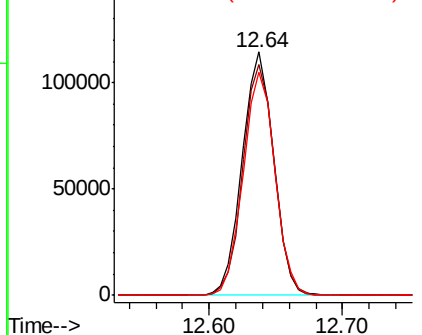
#62
4-Bromofluorobenzene
Concen: 59.054 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064477.D
Acq: 09 Dec 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 186601
Ion Ratio Lower Upper
95 100
174 94.7 0.0 197.2
176 92.2 0.0 189.6

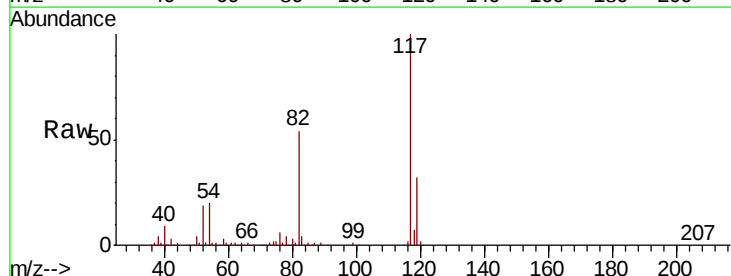


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

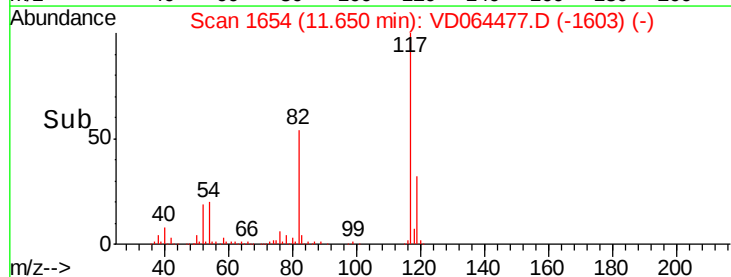
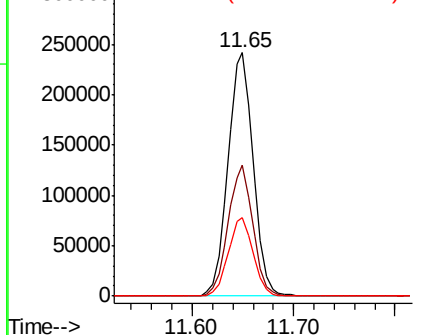


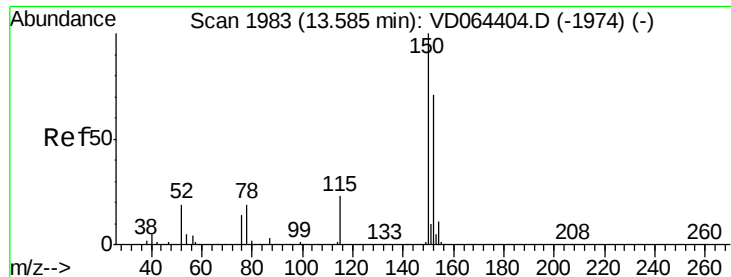
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064477.D
Acq: 09 Dec 2019 18:16

Tgt Ion: 117 Resp: 415596
Ion Ratio Lower Upper
117 100
82 53.7 41.4 62.2
119 32.4 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# 1982

Delta R.T. -0.01 min

Lab File: VD064477.D

Acq: 09 Dec 2019 18:16

Instrument :

MSVOA_D

ClientSampled :

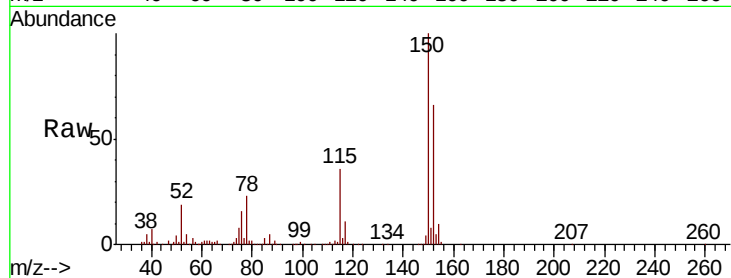
Tot Ion:152 Resp: 220306

Ion Ratio Lower Upper

152 100

115 53.8 26.7 80.1

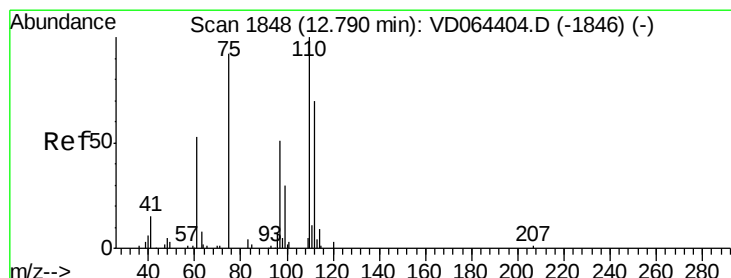
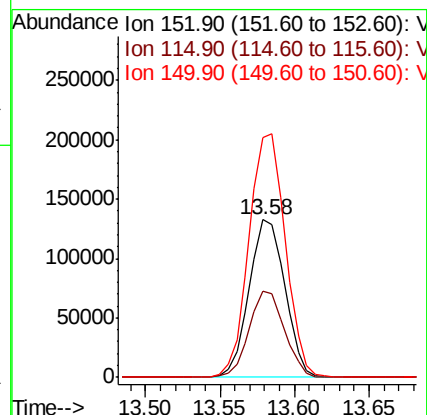
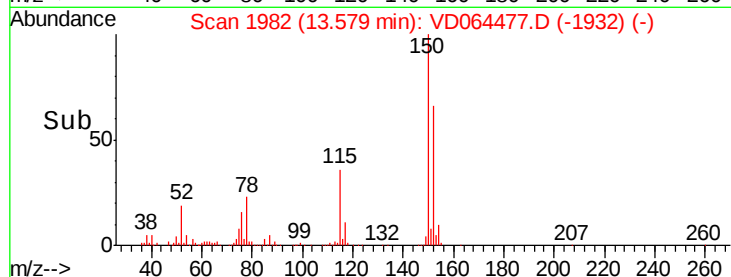
150 156.2 0.0 347.2



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: 54.469 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064477.D

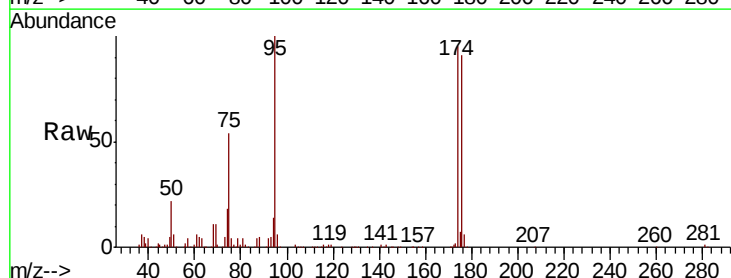
Acq: 09 Dec 2019 18:16

Tgt Ion: 75 Resp: 98683

Ion Ratio Lower Upper

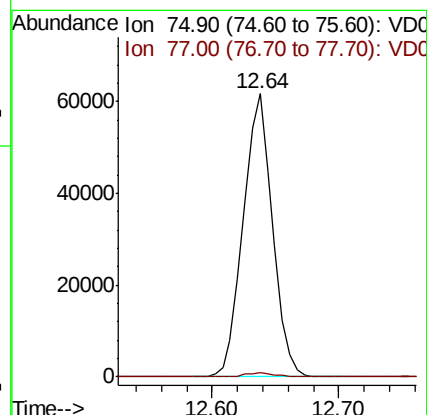
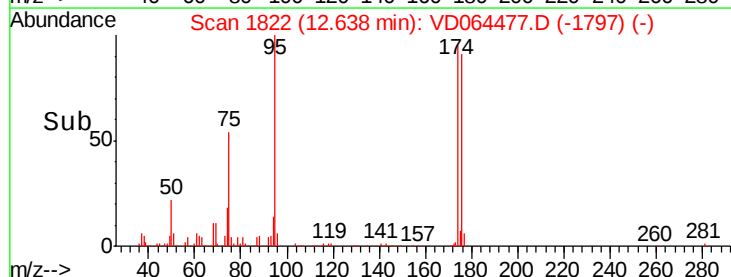
75 100

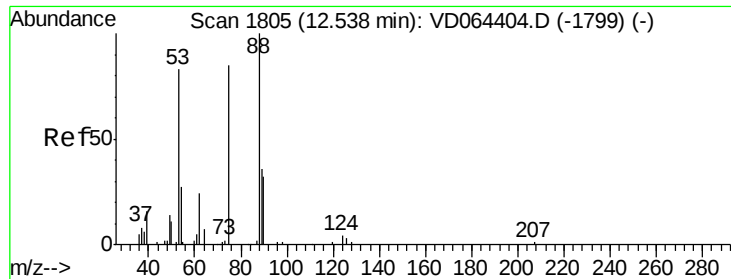
77 1.3 0.0 0.0#



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: 118.771 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064477.D

Acq: 09 Dec 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

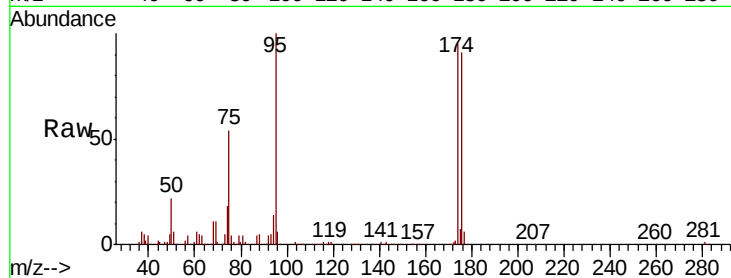
Tot Ion: 75 Resp: 98683

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

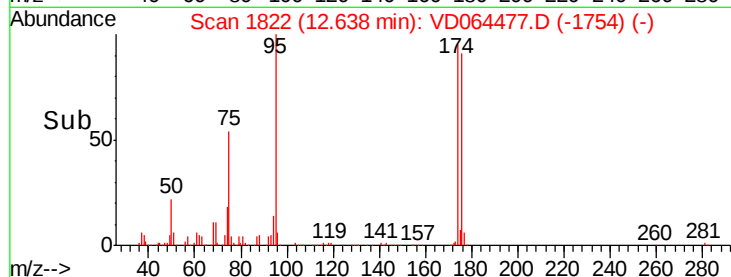
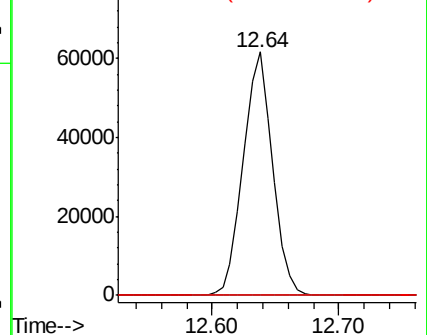
89 0.0 38.5 57.7#



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: 14.78 min Scan# 2187

Delta R.T. 0.27 min

Lab File: VD064477.D

Acq: 09 Dec 2019 18:16

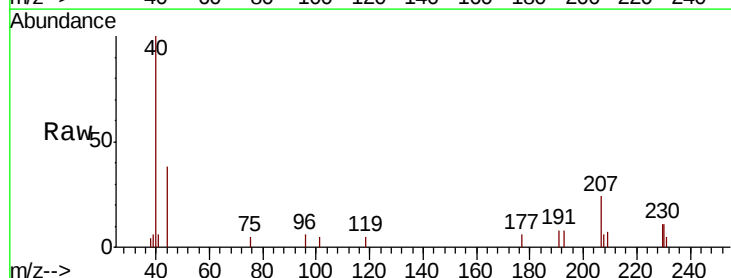
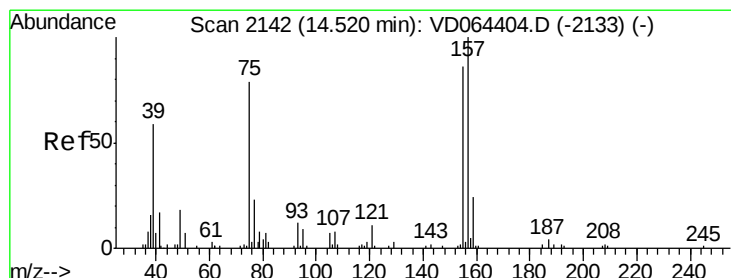
Tgt Ion: 75 Resp: 58

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

