

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064463.D
 Acq On : 06 Dec 2019 17:22
 Operator : VA/SY
 Sample : K6188-05
 Misc : 7.85G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 22:37:45 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

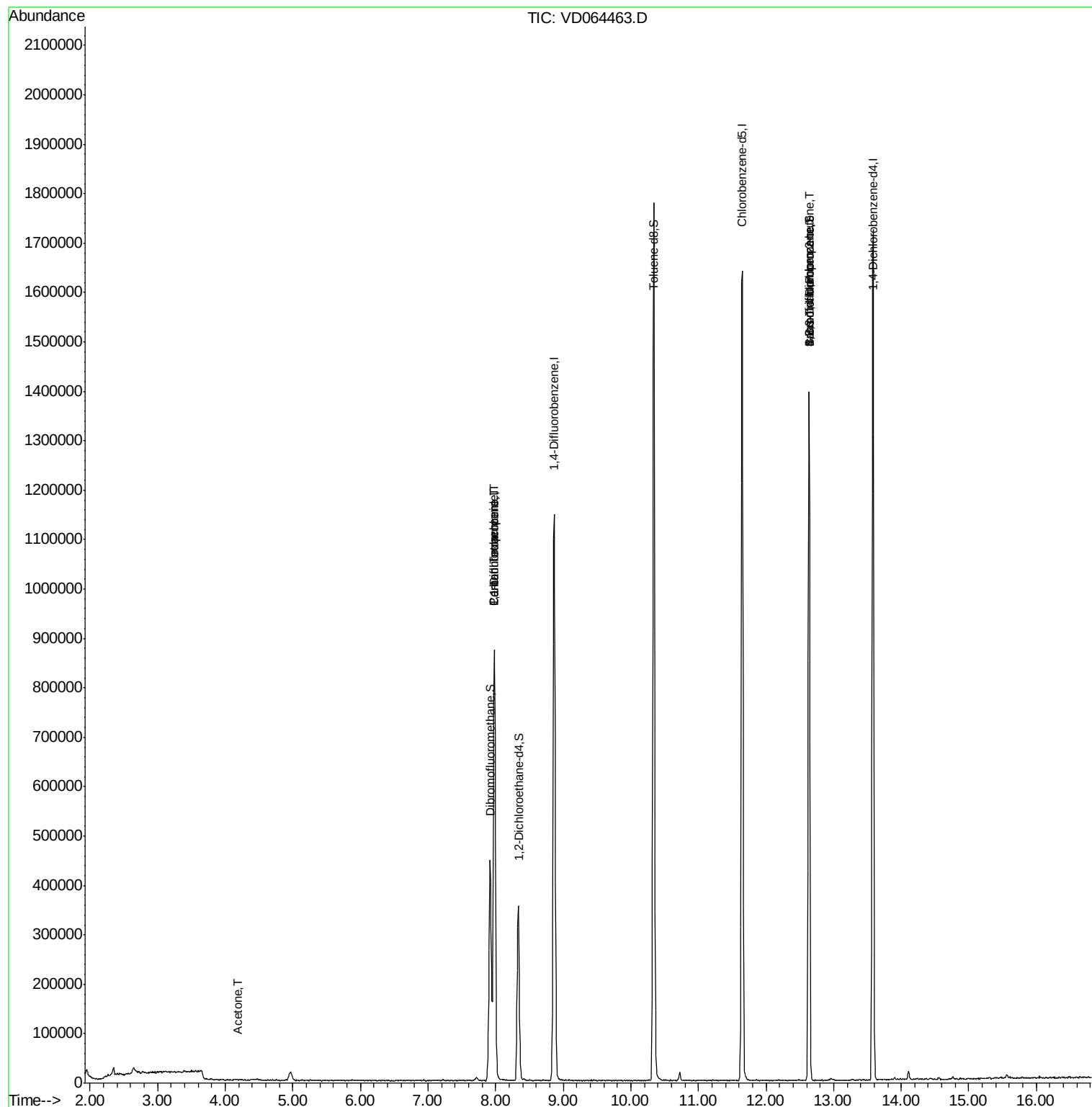
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	694520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1028149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	962064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	470636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	282958	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.02%	
35) Dibromofluoromethane	7.92	113	306233	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
50) Toluene-d8	10.34	98	1221307	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.64	95	416269	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
Target Compounds						
					Qvalue	
16) Acetone	4.18	43	3859	3.038	ug/l #	88
20) Methylene Chloride	4.97	84	12727	Below Cal	#	88
31) Cyclohexane	7.98	56	13692	Below Cal	#	1
36) 1,1-Dichloropropene	7.98	75	48350	4.972	ug/l #	49
38) Carbon Tetrachloride	7.98	117	64481	6.282	ug/l #	17
71) Bromoform	12.63	173	4548	1.023	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	215154	55.590	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	215154	121.216	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.64	75	61	Below Cal	#	1

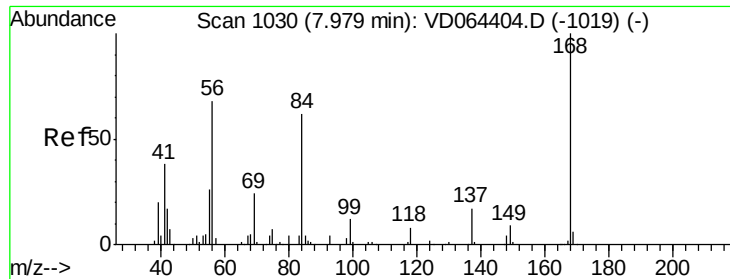
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120619\
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Quant 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: VD064463.D

Acq: 06 Dec 2019 17:22

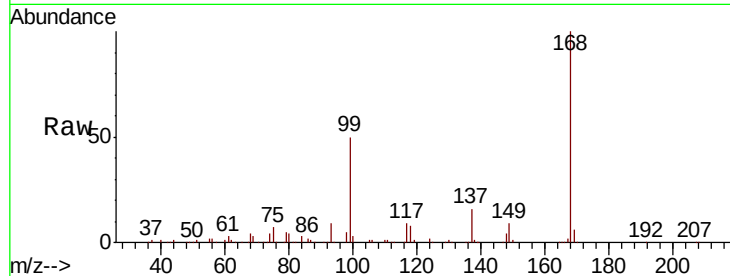
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 694520

Ion Ratio Lower Upper

168 100

99 50.0 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

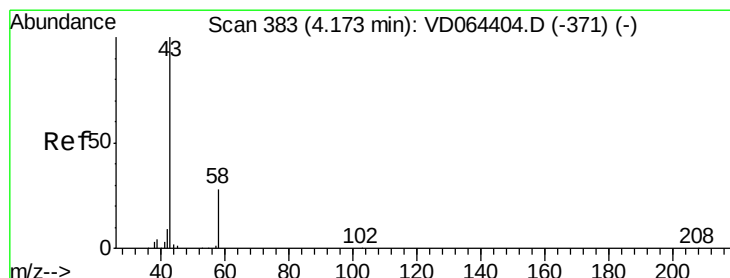
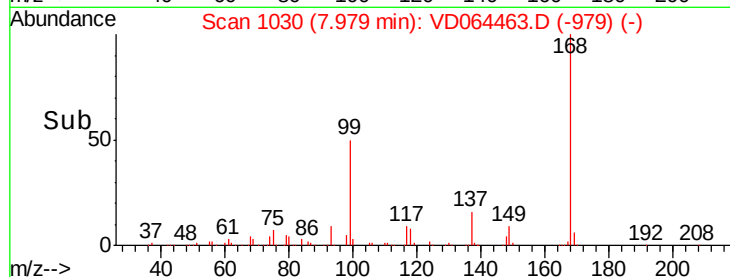
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.038 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064463.D

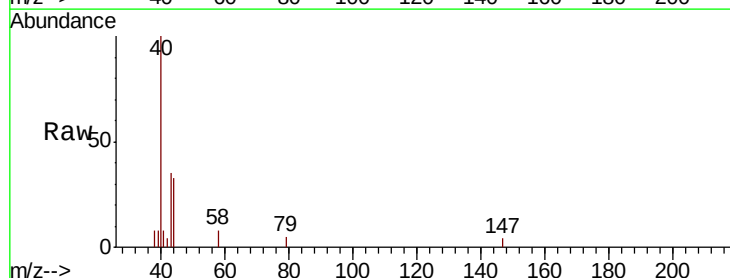
Acq: 06 Dec 2019 17:22

Tgt Ion: 43 Resp: 3859

Ion Ratio Lower Upper

43 100

58 21.8 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

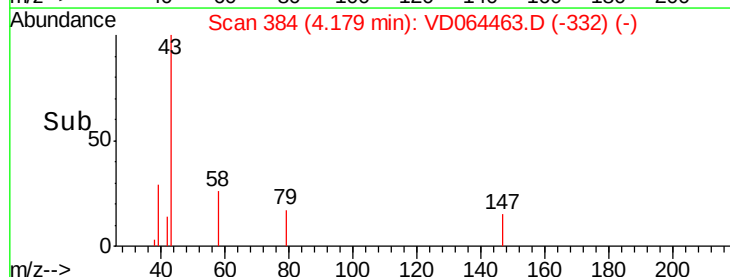
1500

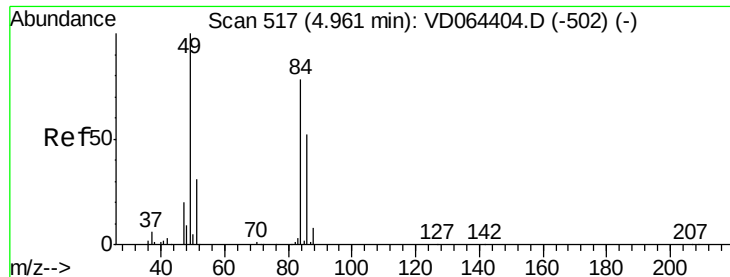
1000

500

0

Time-->

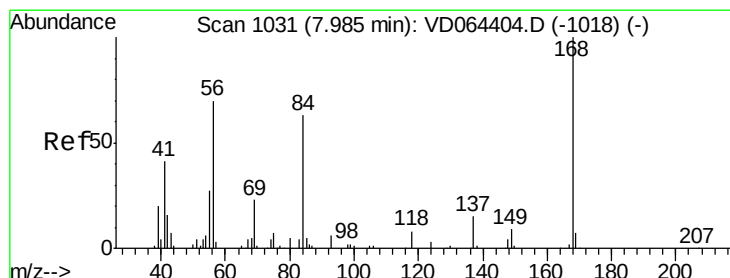
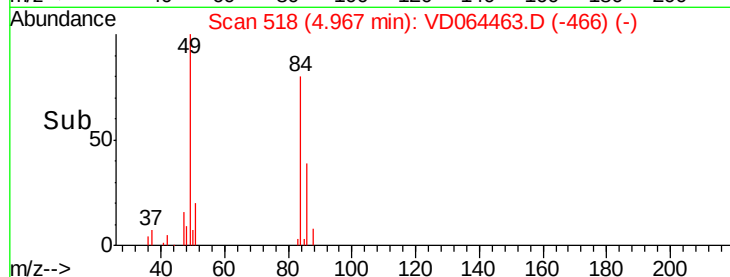
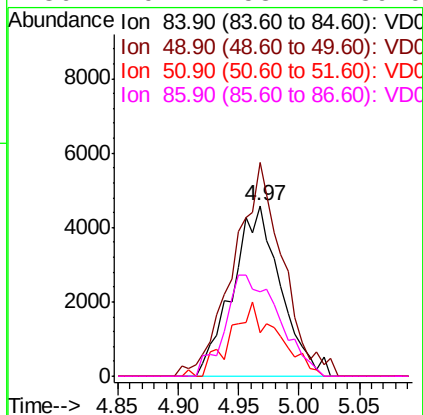
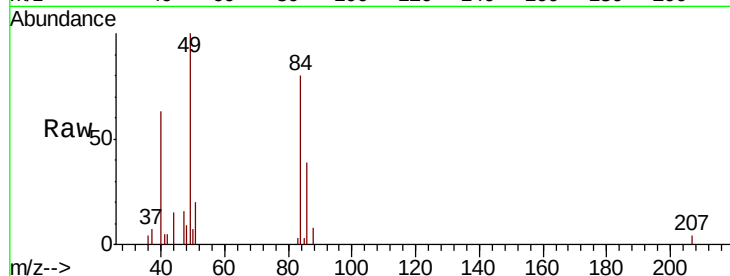




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064463.D
Acq: 06 Dec 2019 17:22

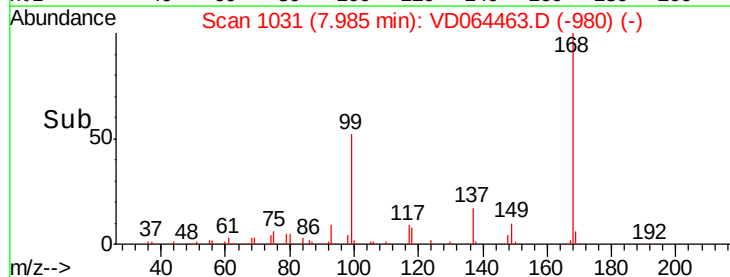
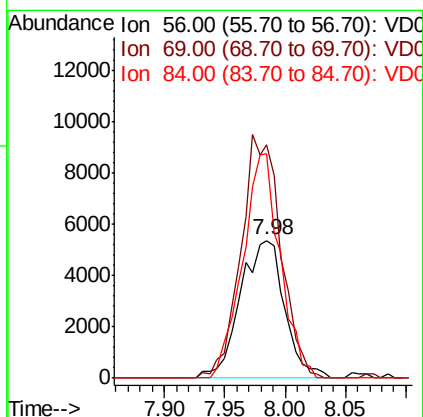
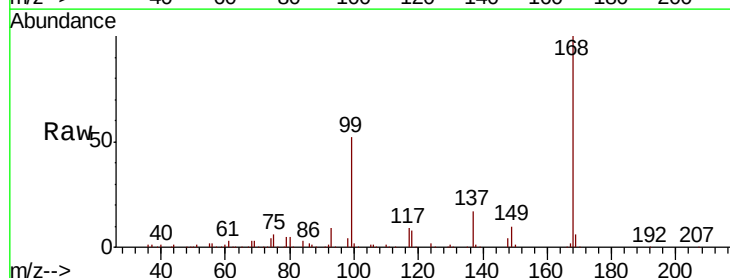
Instrument :
MSVOA_D
ClientSampleId :

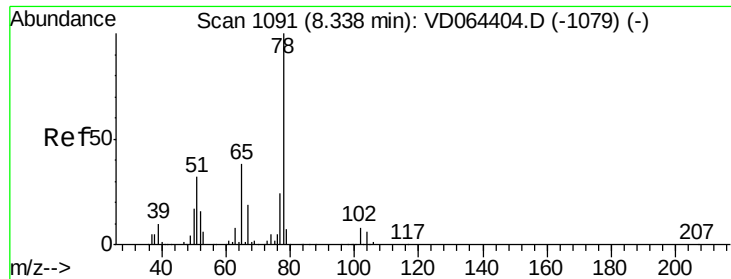
Tot Ion: 84 Resp: 12727
Ion Ratio Lower Upper
84 100
49 125.2 102.6 153.8
51 25.4 32.0 48.0#
86 49.4 53.4 80.0#



#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064463.D
Acq: 06 Dec 2019 17:22

Tgt Ion: 56 Resp: 13692
Ion Ratio Lower Upper
56 100
69 169.6 26.2 39.4#
84 162.8 70.3 105.5#

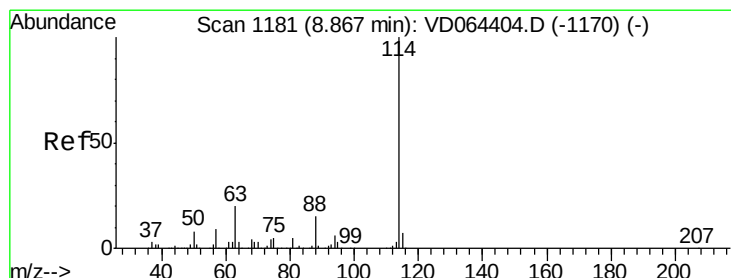
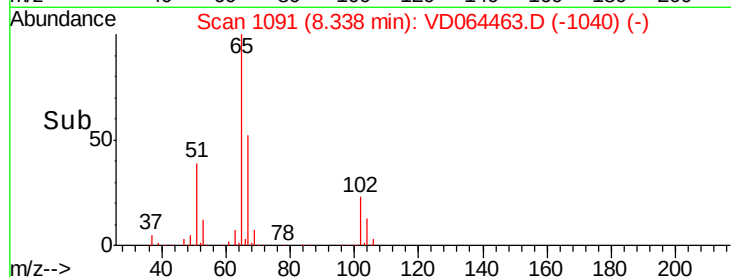
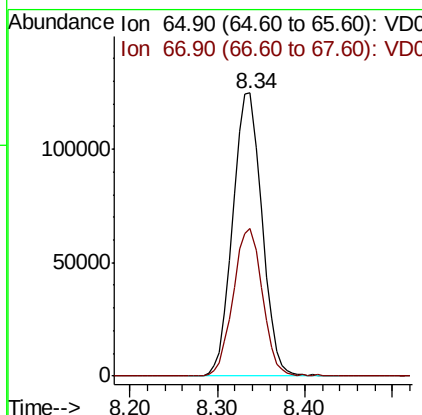
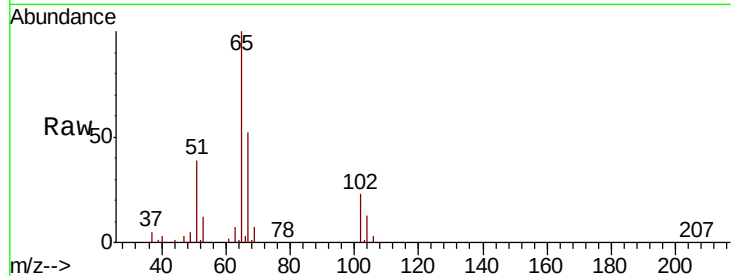




#33
 1,2-Dichloroethane-d4
 Concen: 45.011 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064463.D
 Acq: 06 Dec 2019 17:22

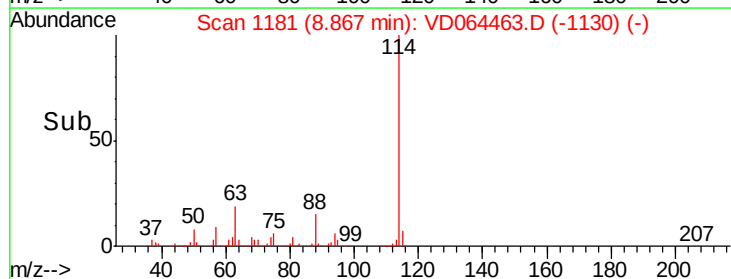
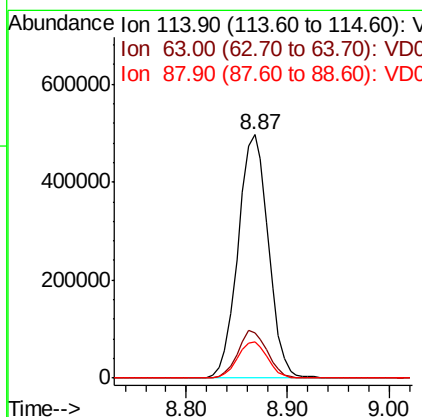
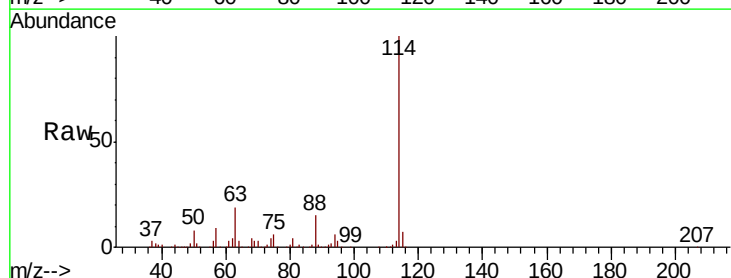
Instrument :
 MSVOA_D
 ClientSampleId :

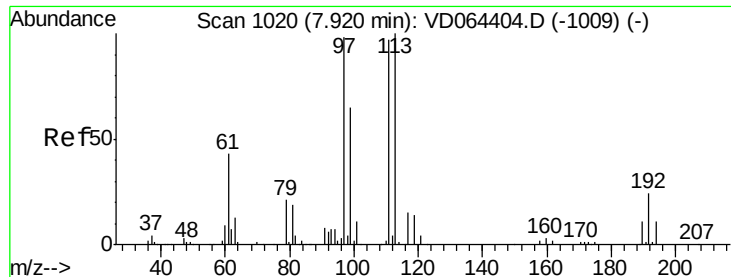
Tot Ion: 65 Resp: 282958
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064463.D
 Acq: 06 Dec 2019 17:22

Tgt Ion: 114 Resp: 1028149
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 14.9 0.0 29.2

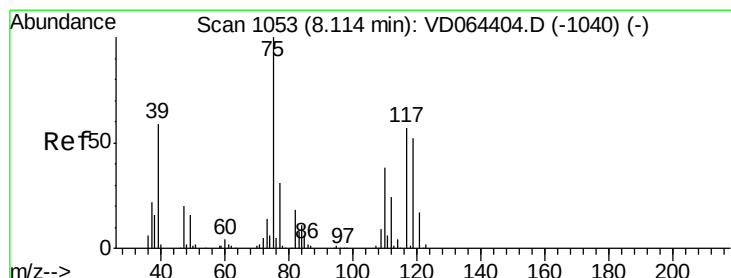
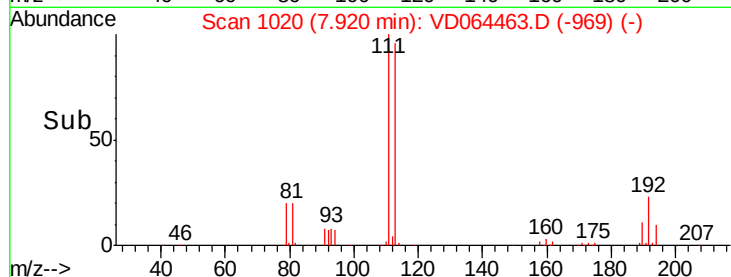
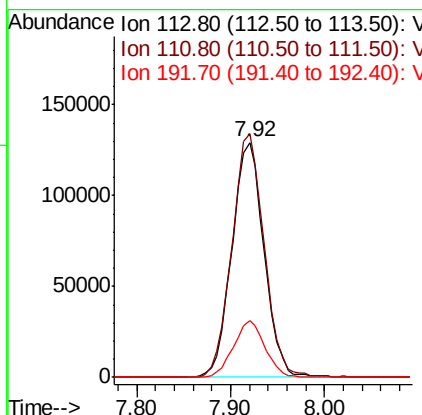
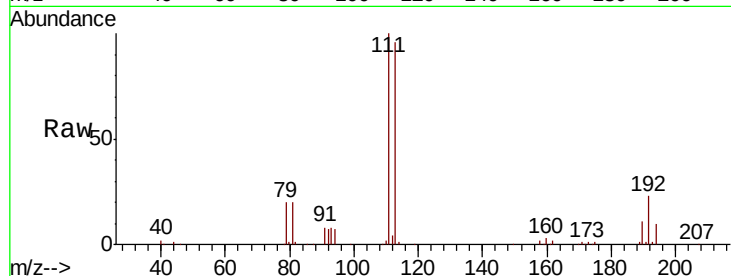




#35
 Dibromofluoromethane
 Concen: 47.274 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064463.D
 Acq: 06 Dec 2019 17:22

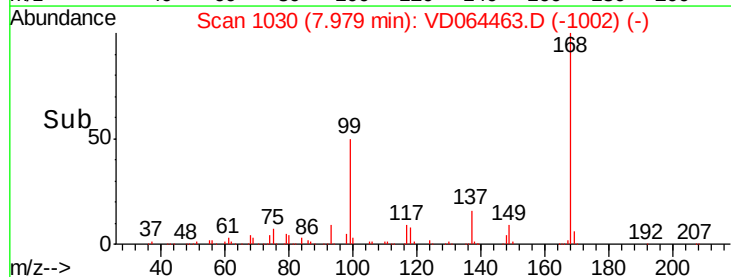
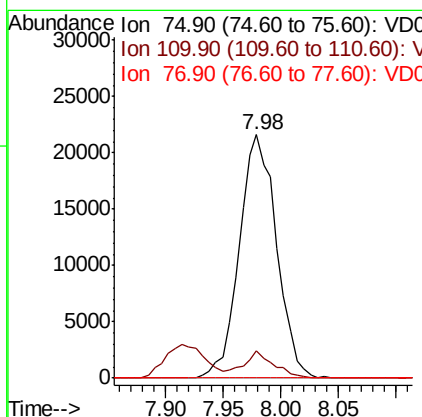
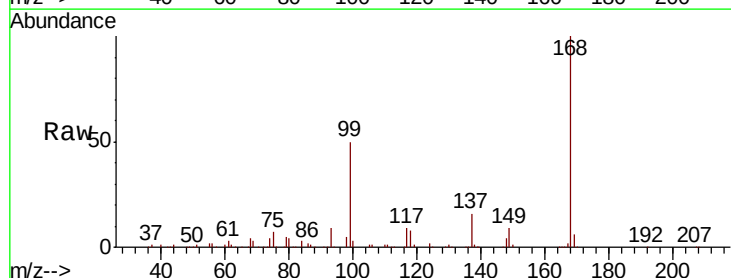
Instrument :
 MSVOA_D
 ClientSampleId :

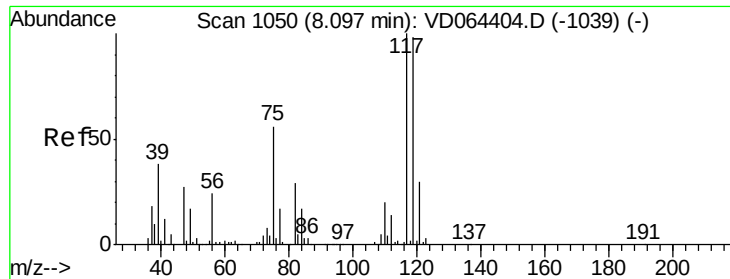
Tot Ion:113 Resp: 306233
 Ion Ratio Lower Upper
 113 100
 111 104.0 79.4 119.2
 192 23.6 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 4.972 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064463.D
 Acq: 06 Dec 2019 17:22

Tgt Ion: 75 Resp: 48350
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.6 55.8#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.282 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064463.D

Acq: 06 Dec 2019 17:22

Instrument :

MSVOA_D

ClientSampled :

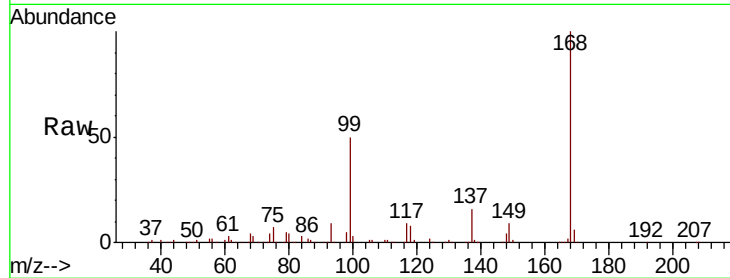
Tot Ion:117 Resp: 64481

Ion Ratio Lower Upper

117 100

119 7.3 78.8 118.2#

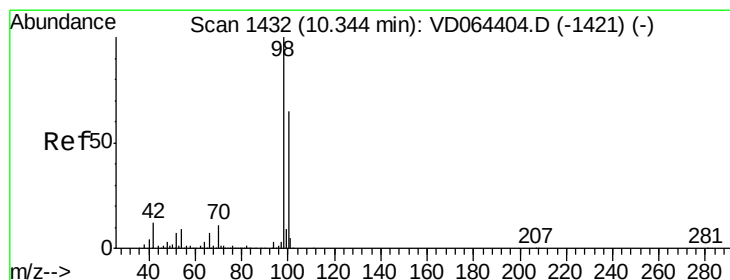
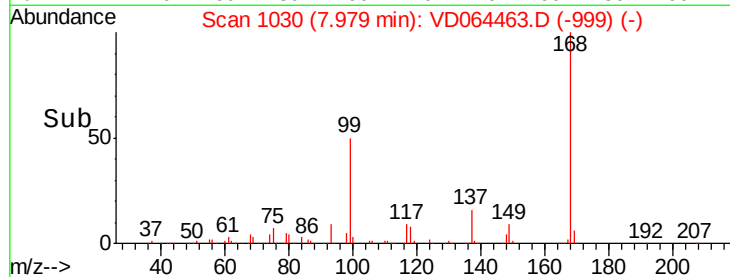
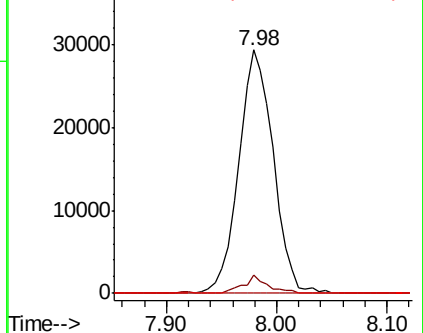
121 0.0 24.2 36.2#



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: 50.051 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064463.D

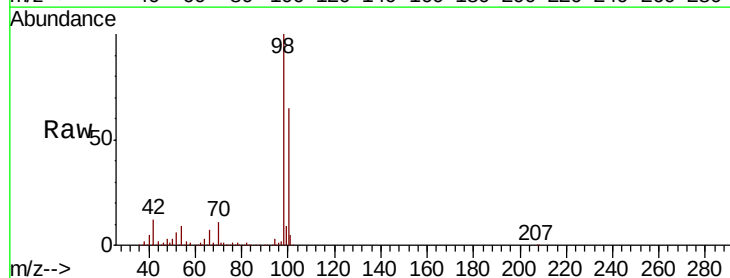
Acq: 06 Dec 2019 17:22

Tgt Ion: 98 Resp: 1221307

Ion Ratio Lower Upper

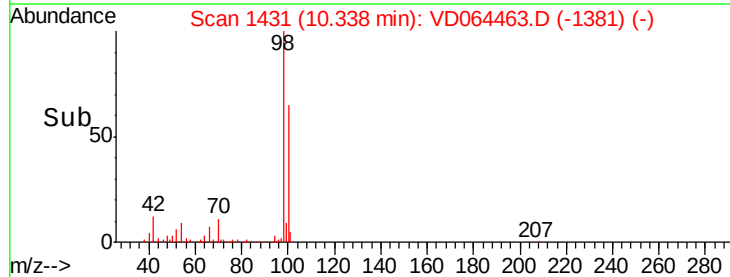
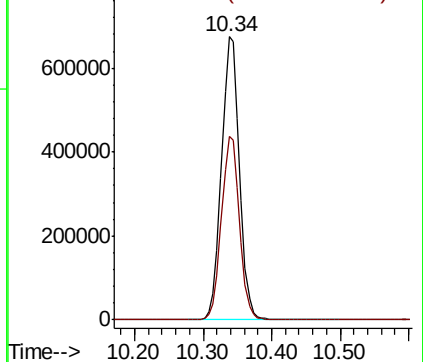
98 100

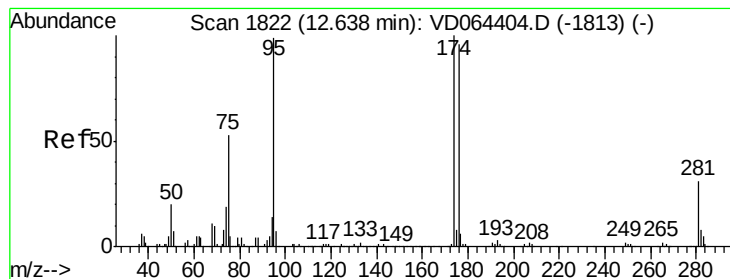
100 65.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.083 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064463.D

Acq: 06 Dec 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

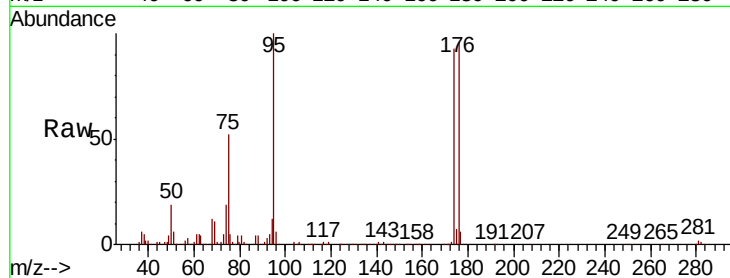
Tot Ion: 95 Resp: 416269

Ion Ratio Lower Upper

95 100

174 95.5 0.0 197.2

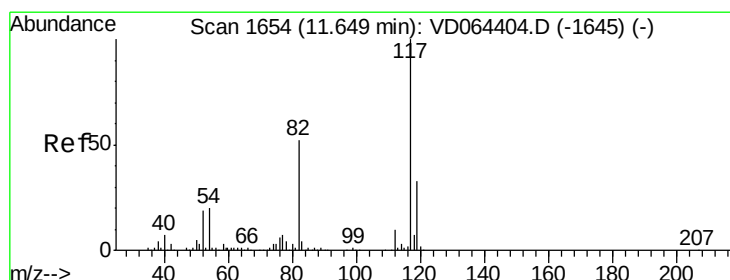
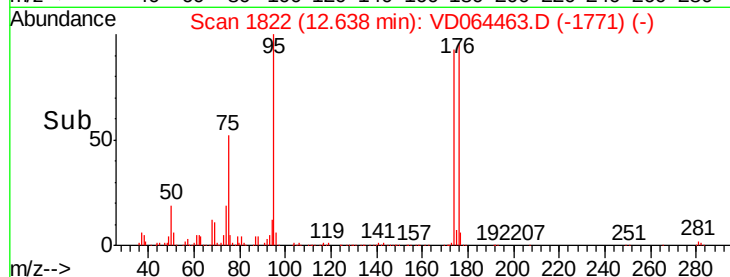
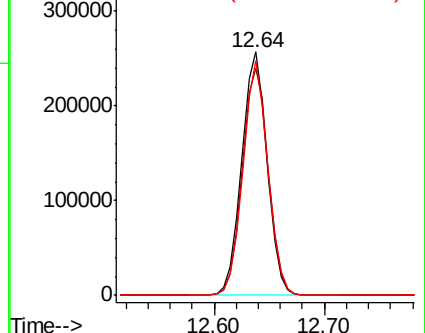
176 94.0 0.0 189.6



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: VD064463.D

Acq: 06 Dec 2019 17:22

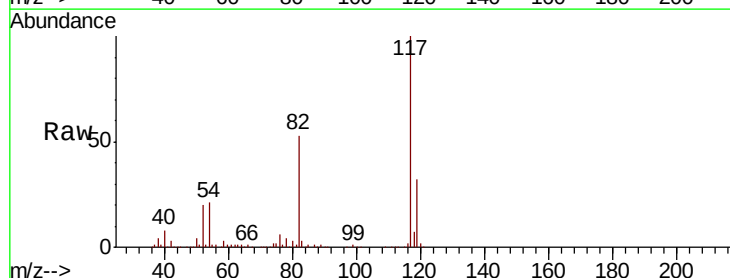
Tgt Ion: 117 Resp: 962064

Ion Ratio Lower Upper

117 100

82 52.6 41.4 62.2

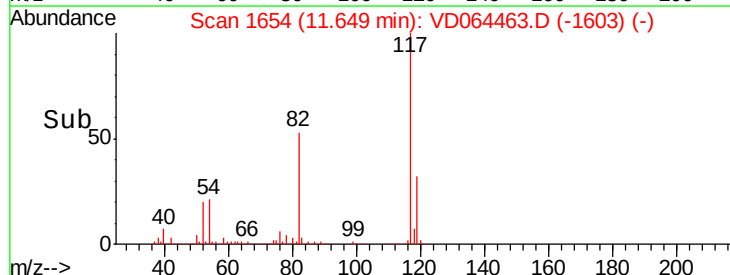
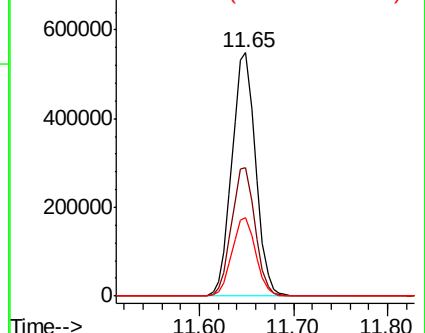
119 32.2 26.2 39.2

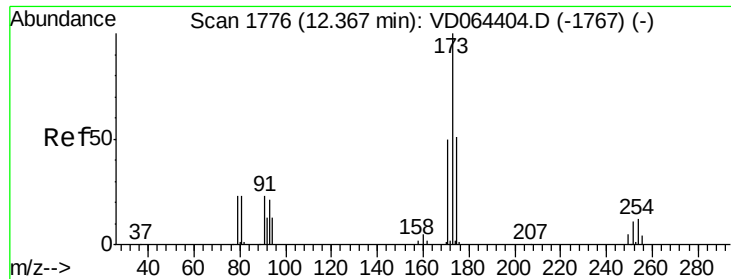


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#71

Bromoform

Concen: 1.023 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.26 min

Lab File: VD064463.D

Acq: 06 Dec 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

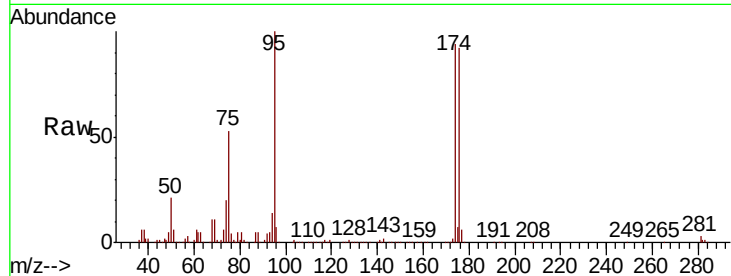
Tot Ion:173 Resp: 4548

Ion Ratio Lower Upper

173 100

175 544.5 25.3 75.8#

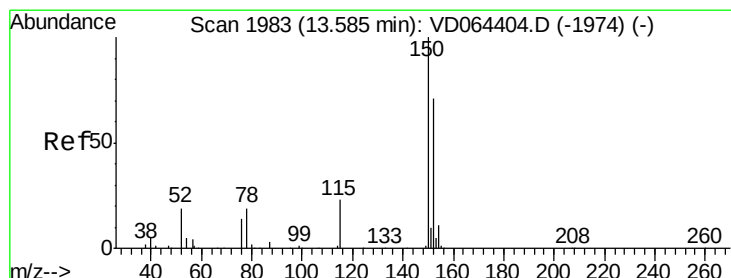
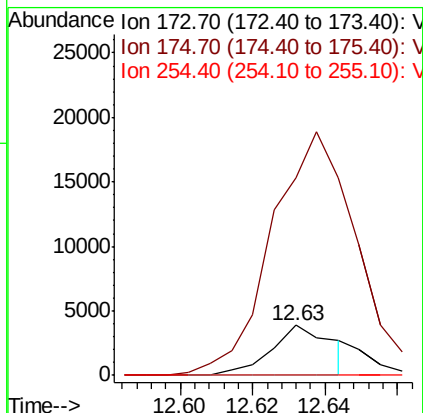
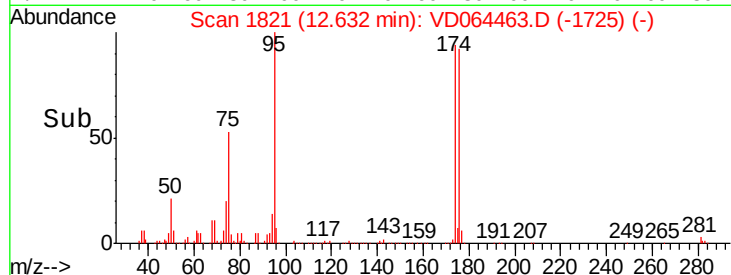
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VD064463.D

Acq: 06 Dec 2019 17:22

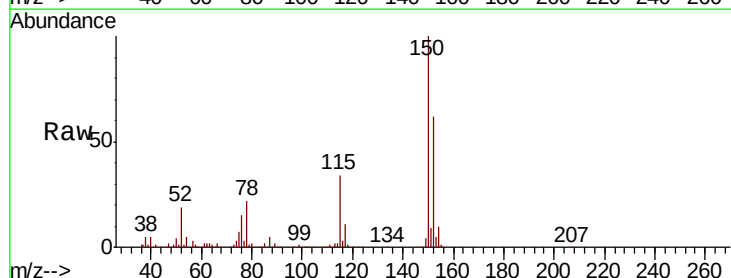
Tgt Ion:152 Resp: 470636

Ion Ratio Lower Upper

152 100

115 54.8 26.7 80.1

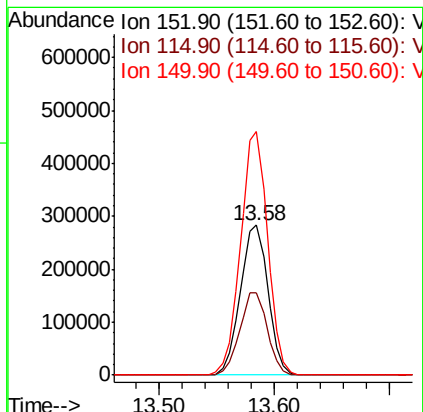
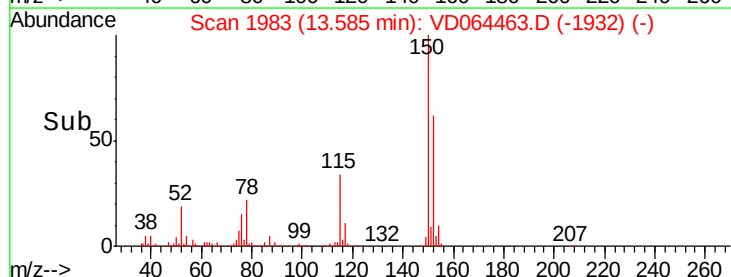
150 158.7 0.0 347.2

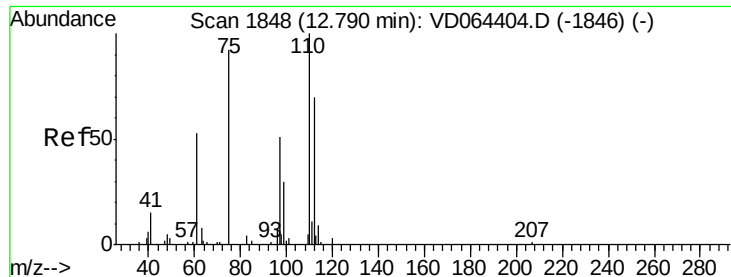


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 55.590 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064463.D

Acq: 06 Dec 2019 17:22

Instrument :

MSVOA_D

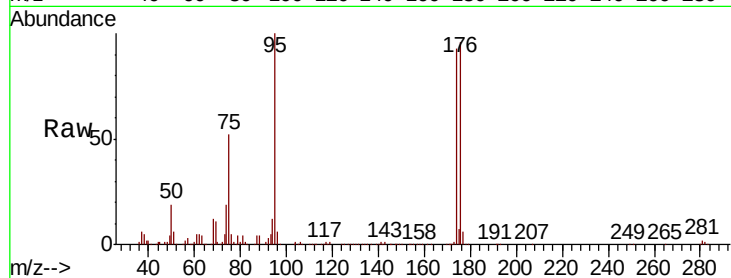
ClientSampleId :

Tot Ion: 75 Resp: 215154

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

12.64

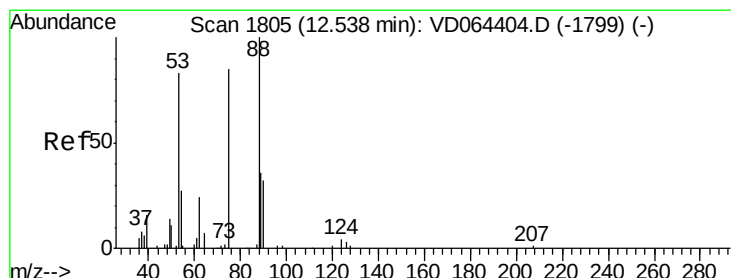
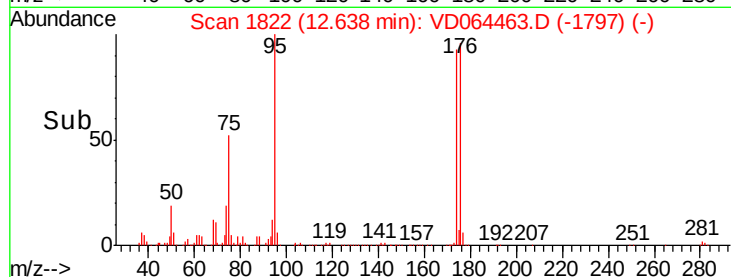
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 121.216 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064463.D

Acq: 06 Dec 2019 17:22

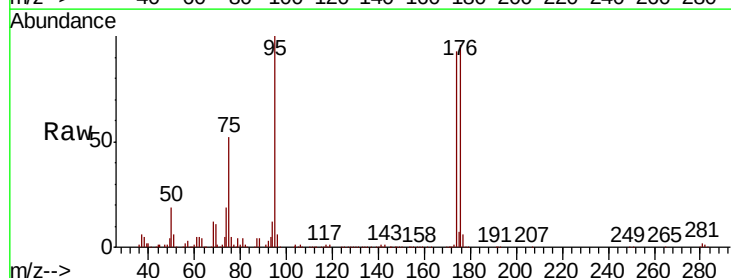
Tgt Ion: 75 Resp: 215154

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

89 0.2 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

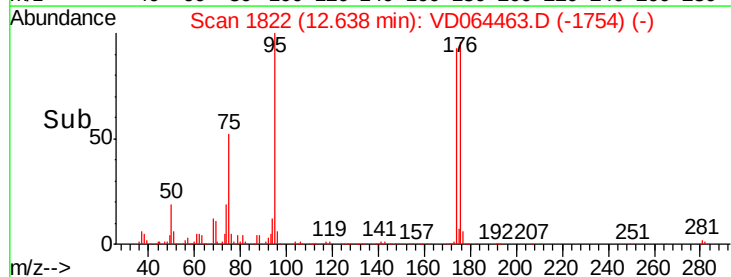
150000

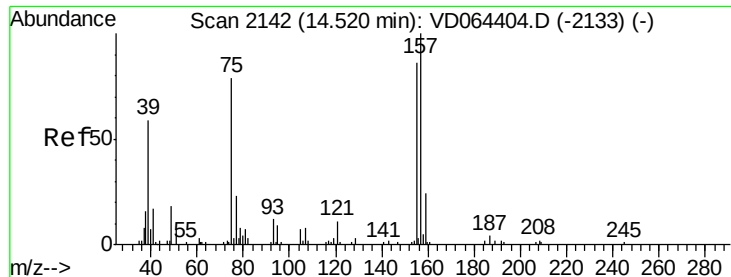
100000

50000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.64 min Scan# 2163

Delta R.T. 0.12 min

Lab File: VD064463.D

Acq: 06 Dec 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

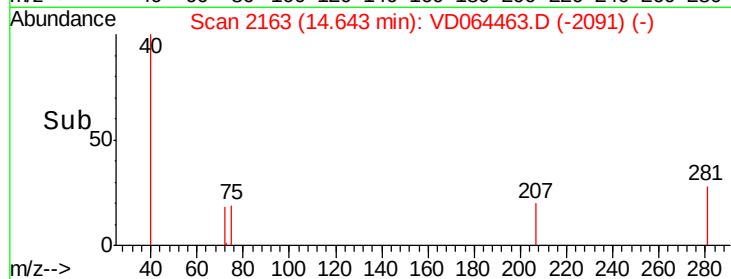
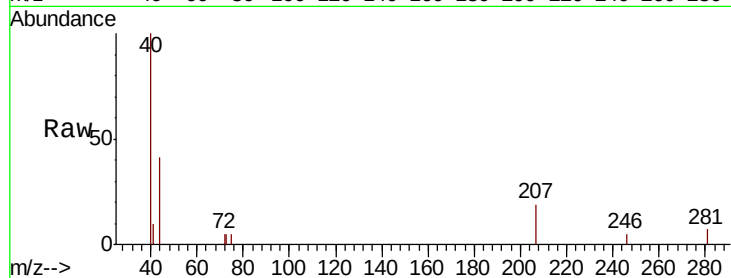
Tot Ion: 75 Resp: 61

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

