

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064458.D
 Acq On : 06 Dec 2019 14:58
 Operator : VA/SY
 Sample : K6187-03
 Misc : 5.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 22:37:02 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

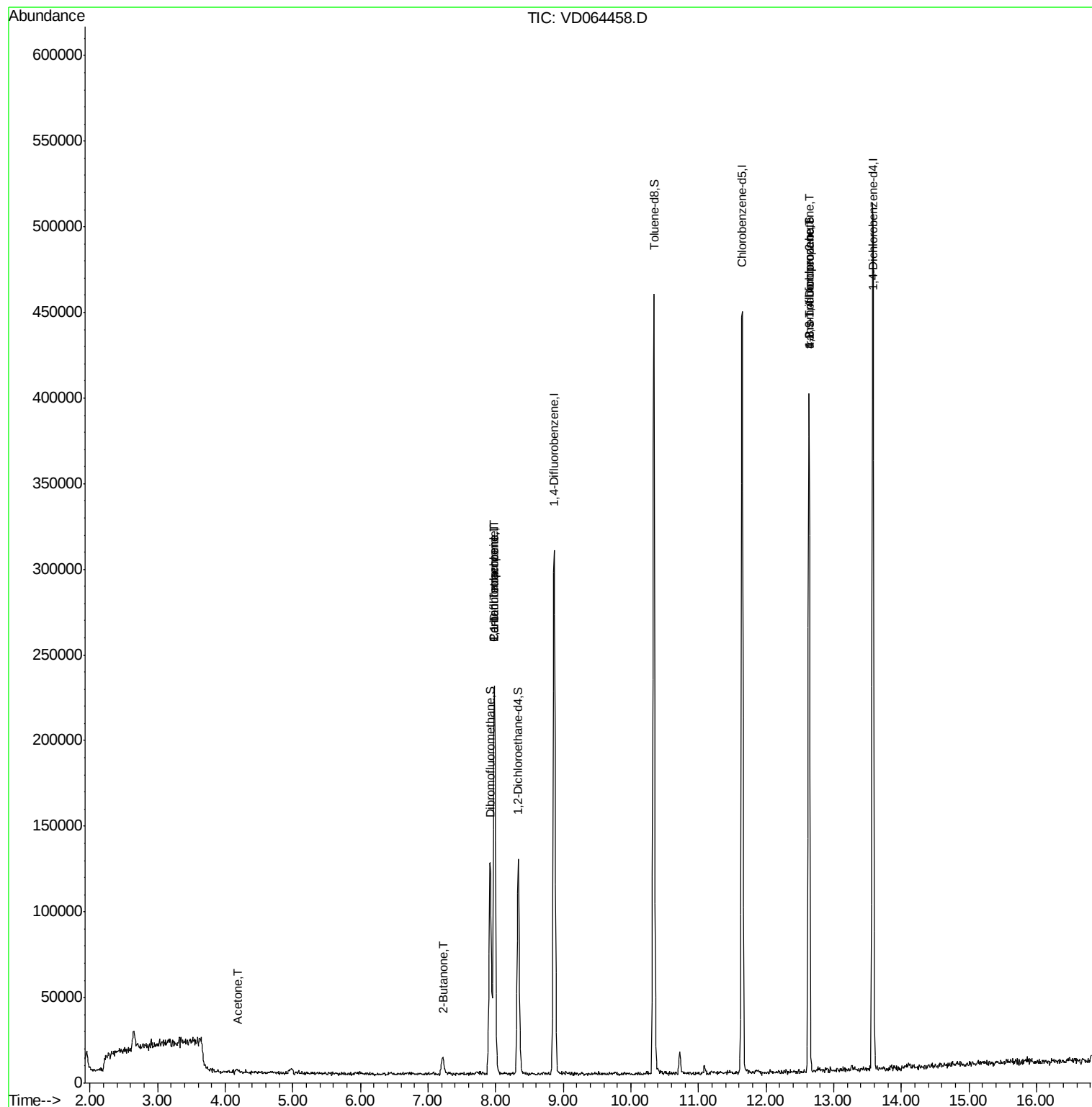
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	181752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	270250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	265613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	99590	60.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.08%	
35) Dibromofluoromethane	7.92	113	87780	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	10.34	98	321046	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.64	95	122979	59.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.32%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	4003	12.041	ug/l #	84
20) Methylene Chloride	4.96	84	2443	Below Cal	#	62
25) 2-Butanone	7.23	43	1372	2.918	ug/l #	49
31) Cyclohexane	7.99	56	3653	Below Cal	#	29
36) 1,1-Dichloropropene	7.98	75	12731	4.980	ug/l #	48
38) Carbon Tetrachloride	7.98	117	16519	6.123	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	62487	53.309	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	62487	116.241	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.53	75	58	Below Cal	#	1

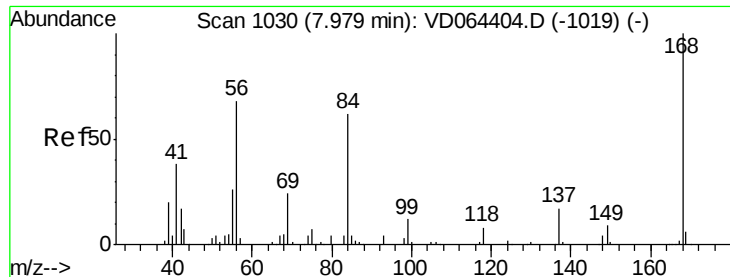
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120619\
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MSVOA_D
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Quant Time: Dec 06 22:37:02 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: VD064458.D

Acq: 06 Dec 2019 14:58

Instrument :

MSVOA_D

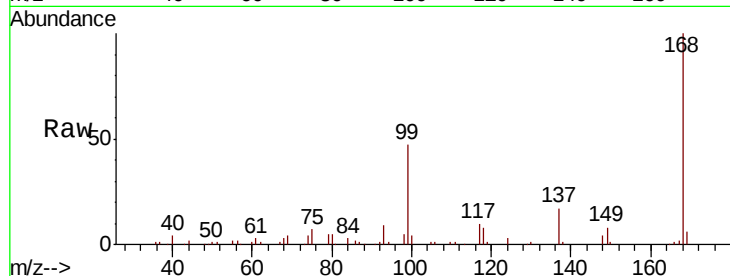
ClientSampleId :

Tot Ion:168 Resp: 181752

Ion Ratio Lower Upper

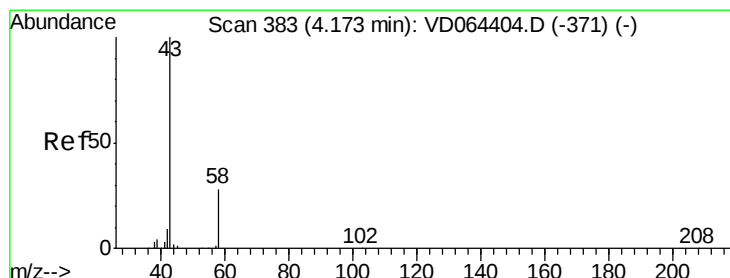
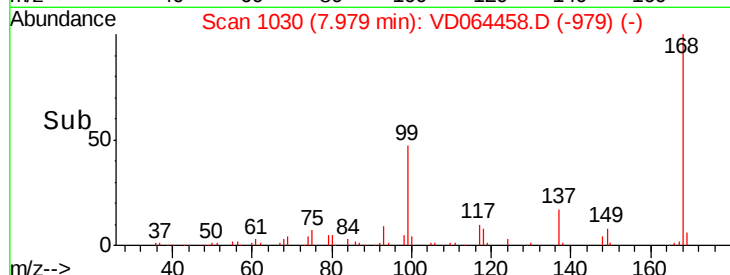
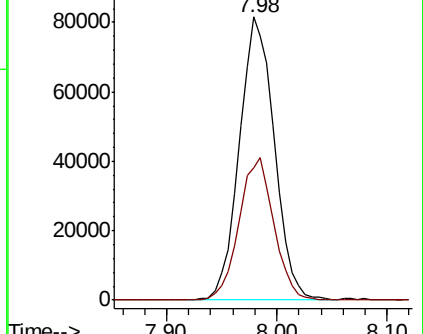
168 100

99 47.0 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: 12.041 ug/l

RT: 4.17 min Scan# 383

Delta R.T. -0.00 min

Lab File: VD064458.D

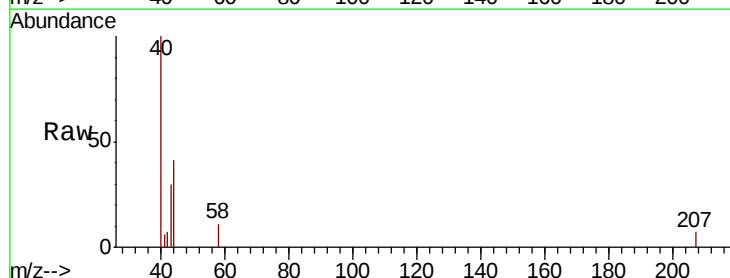
Acq: 06 Dec 2019 14:58

Tgt Ion: 43 Resp: 4003

Ion Ratio Lower Upper

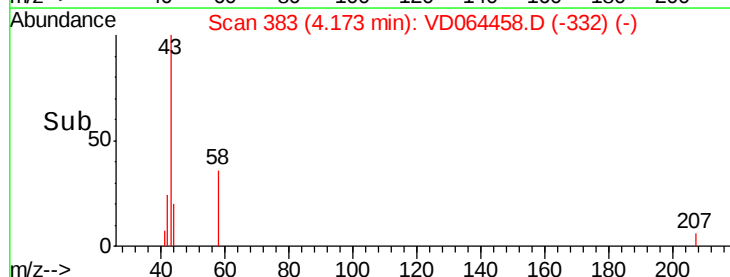
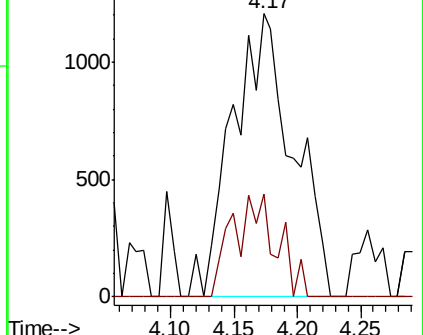
43 100

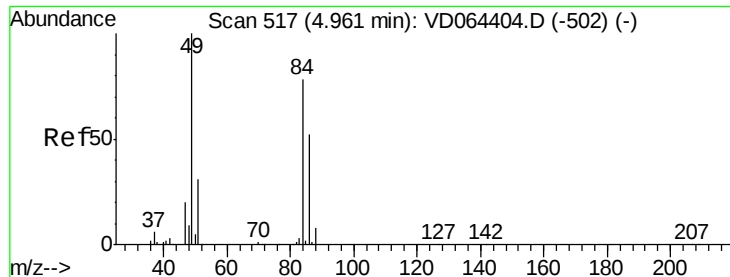
58 36.4 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

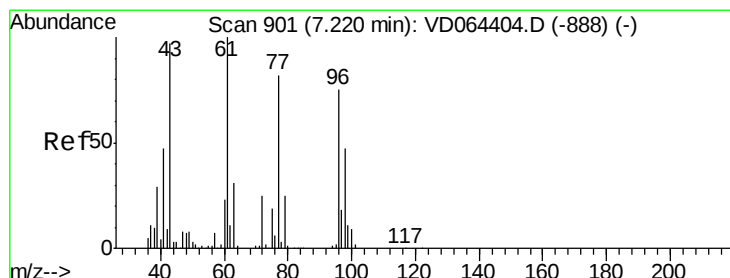
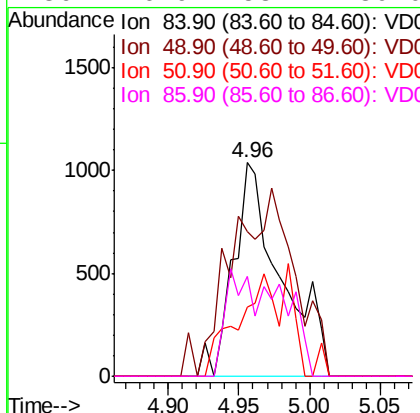
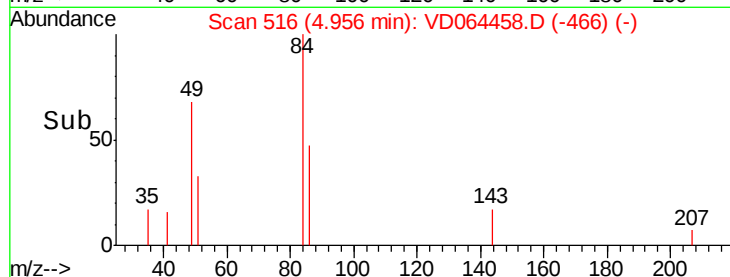
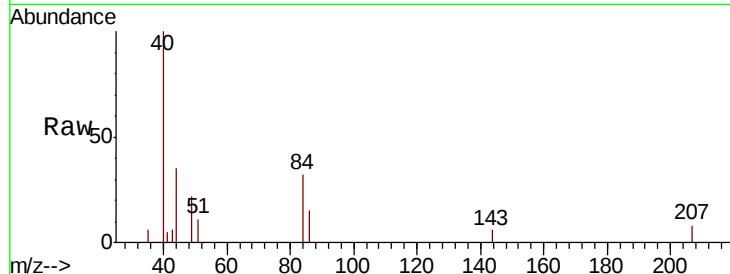




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064458.D
Acq: 06 Dec 2019 14:58

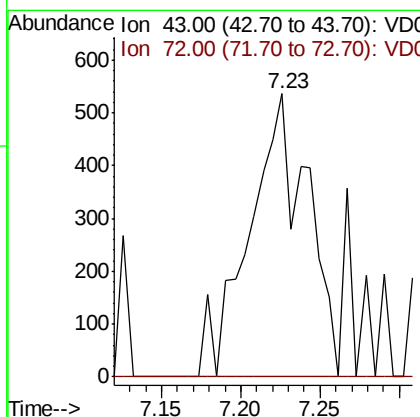
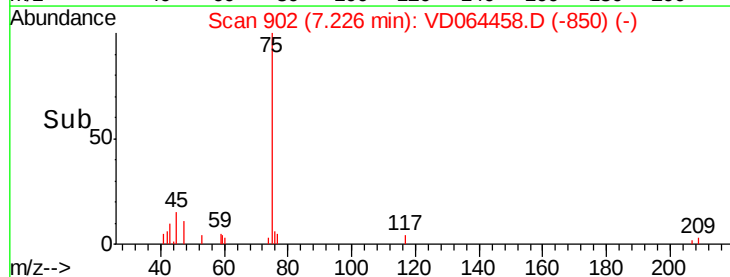
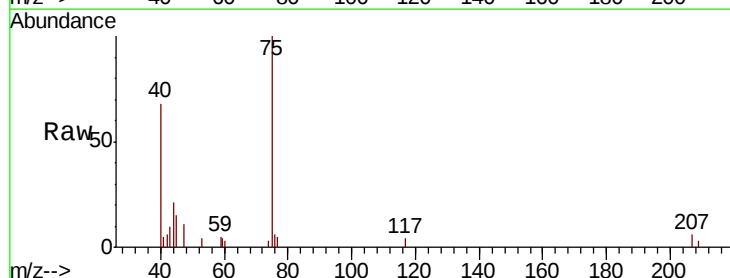
Instrument :
MSVOA_D
ClientSampleId :

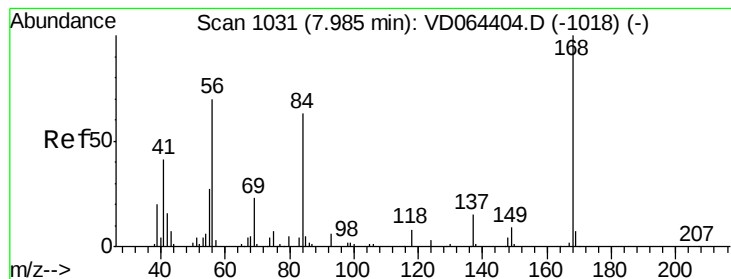
Tot Ion: 84 Resp: 2443
Ion Ratio Lower Upper
84 100
49 67.6 102.6 153.8#
51 32.7 32.0 48.0
86 46.9 53.4 80.0#



#25
2-Butanone
Concen: 2.918 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD064458.D
Acq: 06 Dec 2019 14:58

Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#





#31

Cyclohexane

Concen: Below Cal

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD064458.D

Acq: 06 Dec 2019 14:58

Instrument :

MSVOA_D

ClientSampled :

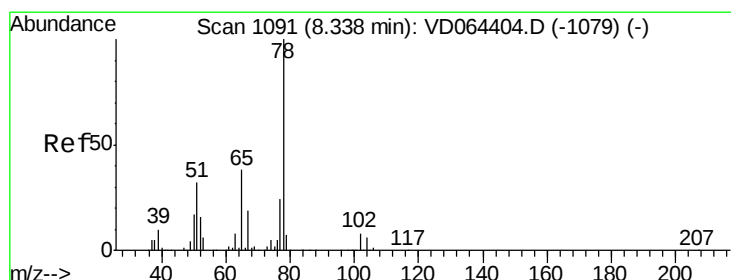
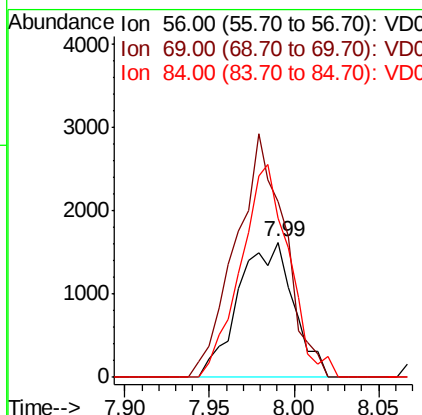
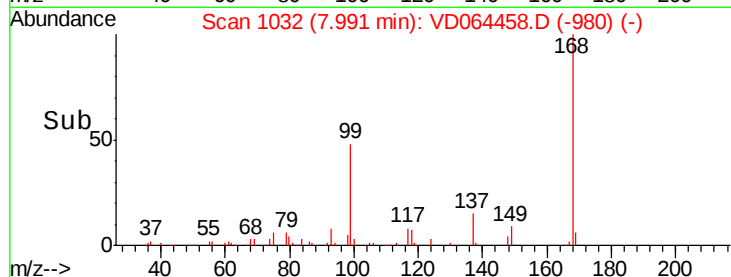
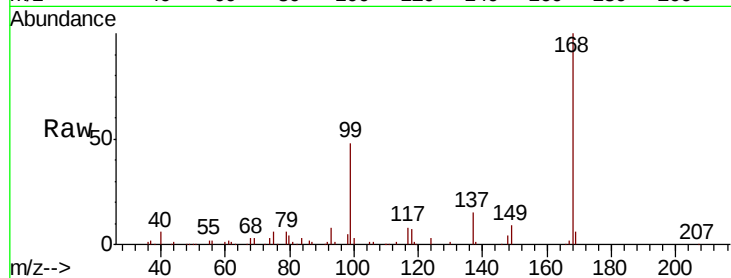
Tot Ion: 56 Resp: 3653

Ion Ratio Lower Upper

56 100

69 130.6 26.2 39.4#

84 118.2 70.3 105.5#



#33

1,2-Dichloroethane-d4

Concen: 60.537 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064458.D

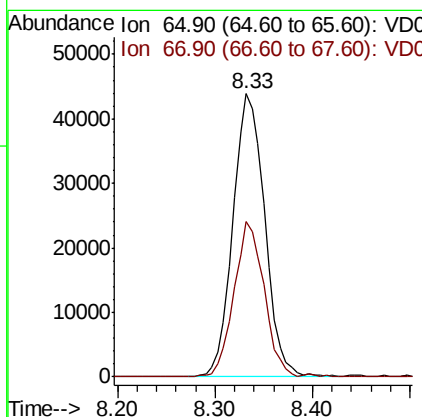
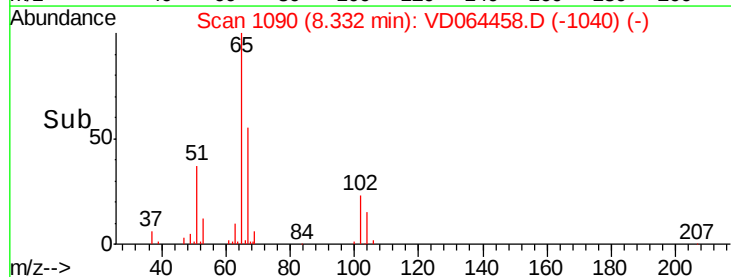
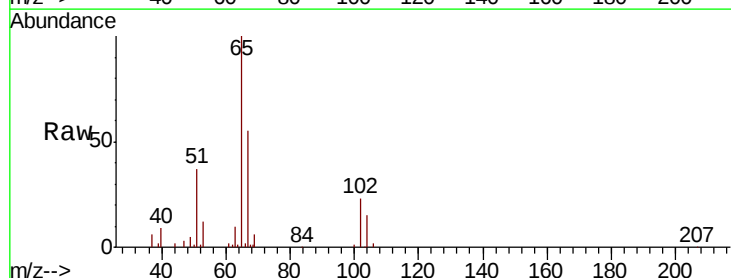
Acq: 06 Dec 2019 14:58

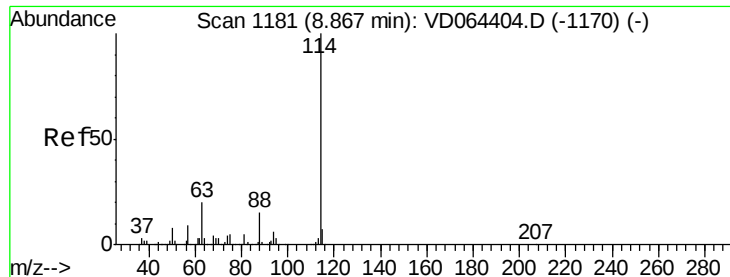
Tgt Ion: 65 Resp: 99590

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.0

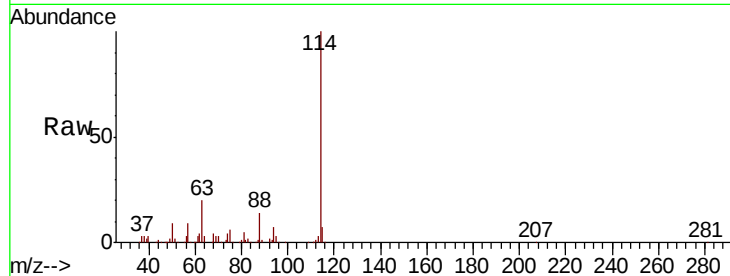




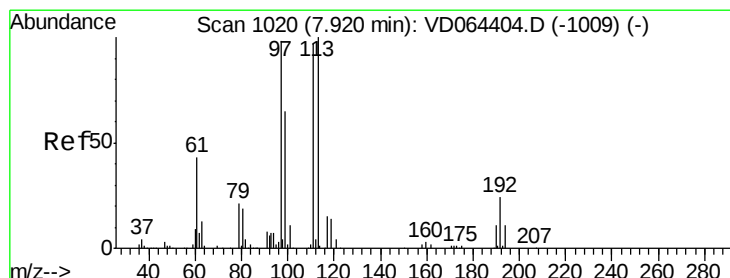
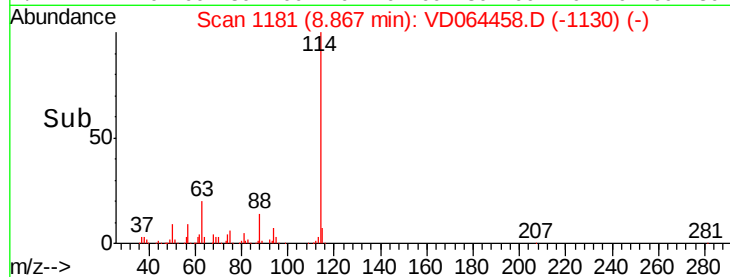
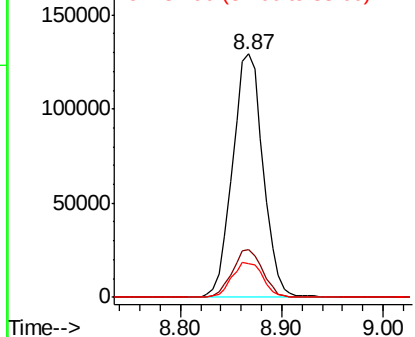
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064458.D
 Acq: 06 Dec 2019 14:58

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 270250
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 14.1 0.0 29.2

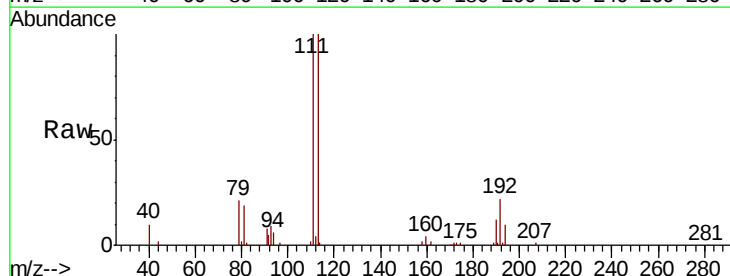


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

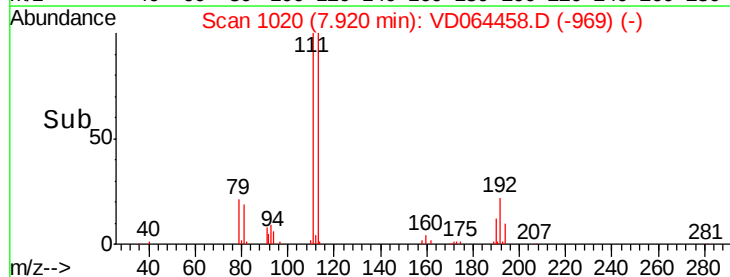
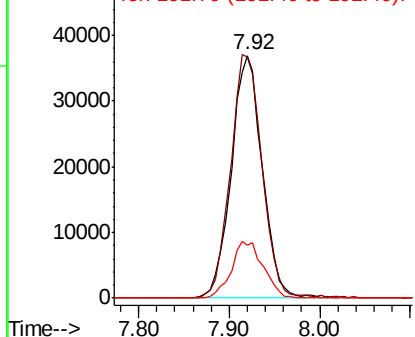


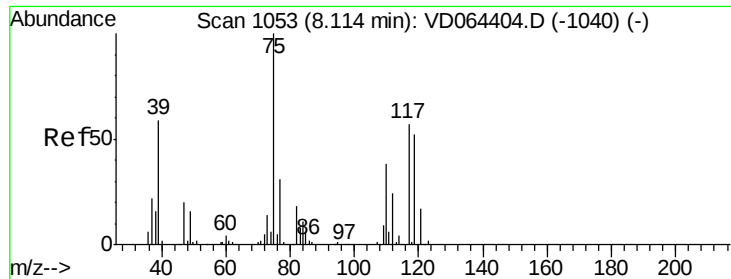
#35
 Dibromofluoromethane
 Concen: 51.553 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064458.D
 Acq: 06 Dec 2019 14:58

Tgt Ion:113 Resp: 87780
 Ion Ratio Lower Upper
 113 100
 111 101.9 79.4 119.2
 192 24.0 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: 4.980 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD064458.D

Acq: 06 Dec 2019 14:58

Instrument :
MSVOA_D
ClientSampleId :

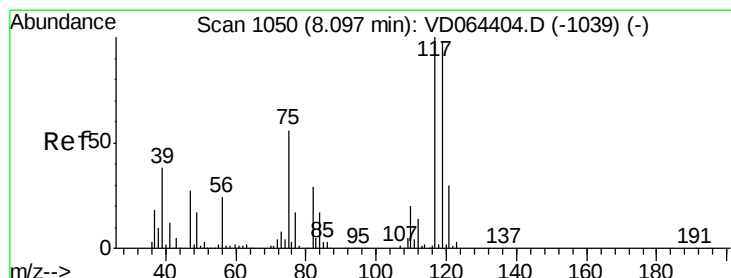
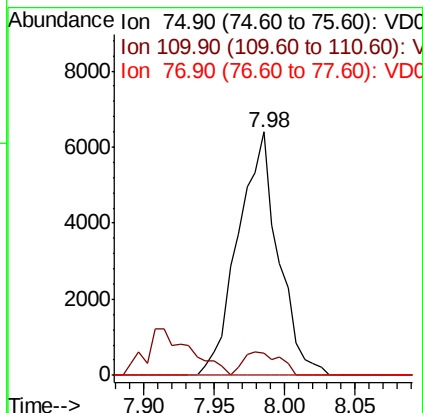
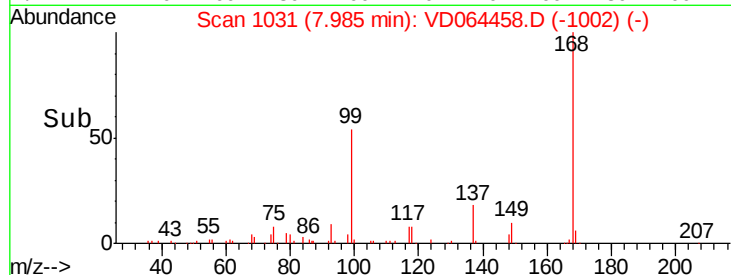
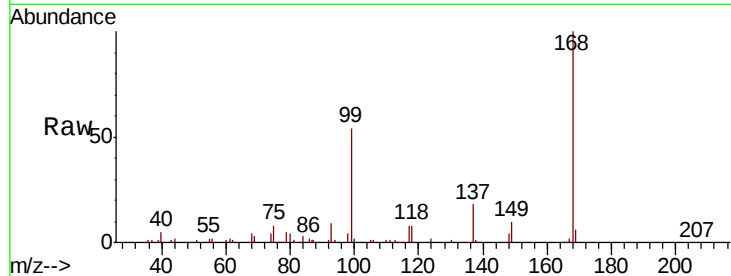
Tot Ion: 75 Resp: 12731

Ion Ratio Lower Upper

75 100

110 8.8 18.6 55.8#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.123 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064458.D

Acq: 06 Dec 2019 14:58

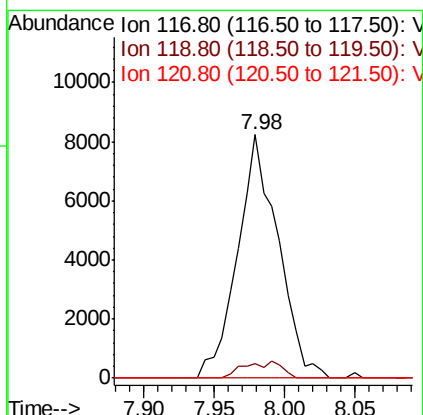
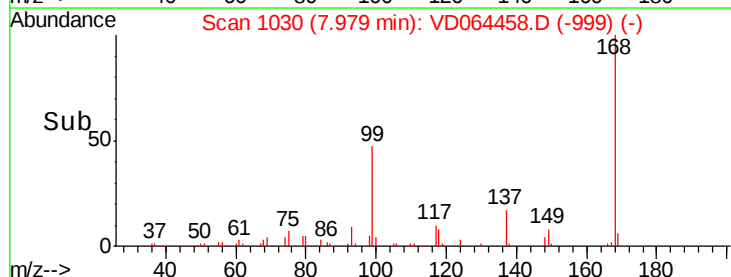
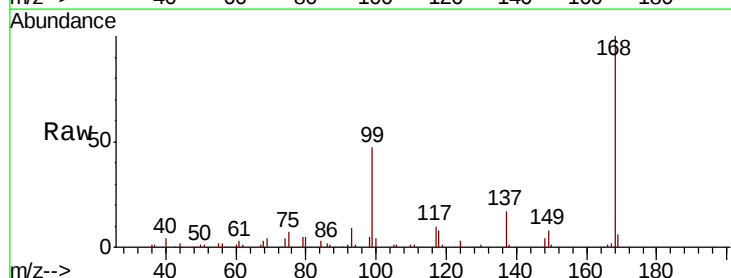
Tgt Ion: 117 Resp: 16519

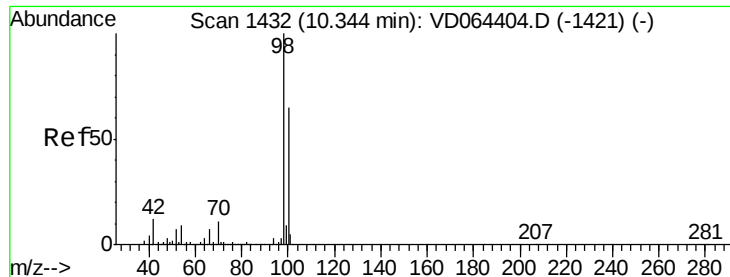
Ion Ratio Lower Upper

117 100

119 6.2 78.8 118.2#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 50.055 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064458.D

Acq: 06 Dec 2019 14:58

Instrument :

MSVOA_D

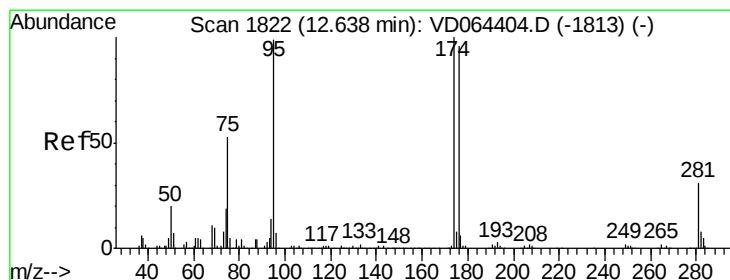
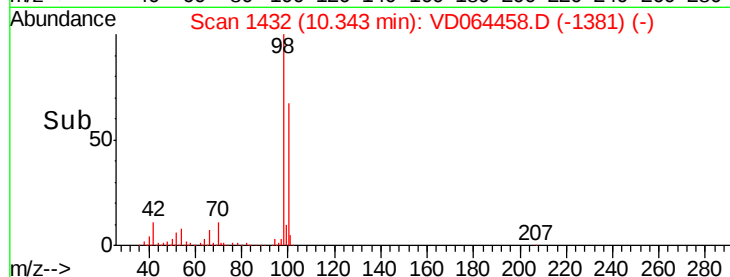
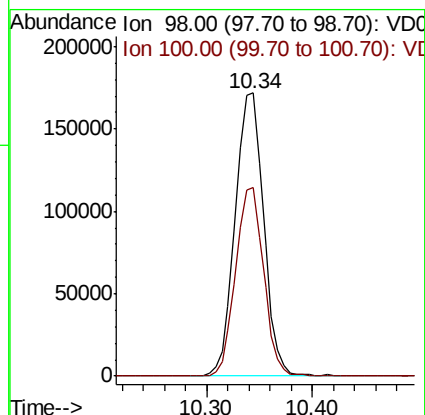
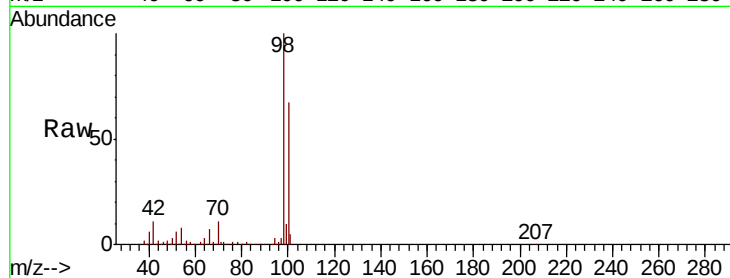
ClientSampleId :

Tot Ion: 98 Resp: 321046

Ion Ratio Lower Upper

98 100

100 65.5 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 59.662 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064458.D

Acq: 06 Dec 2019 14:58

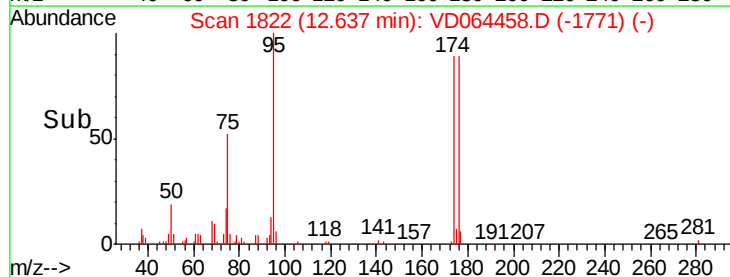
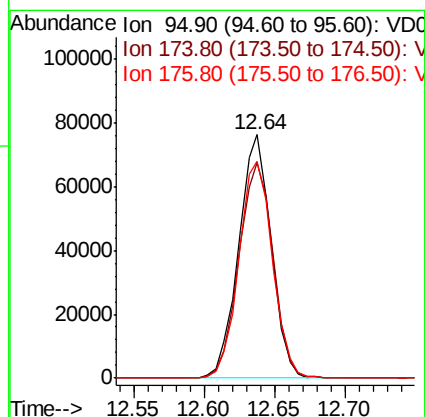
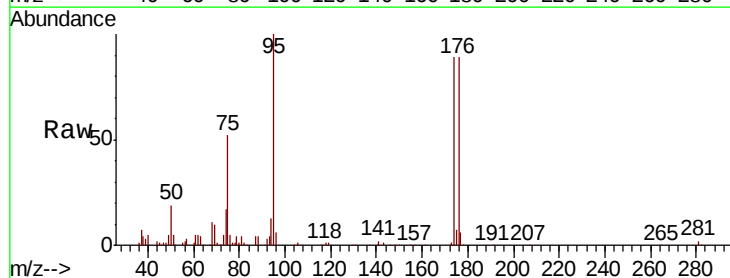
Tgt Ion: 95 Resp: 122979

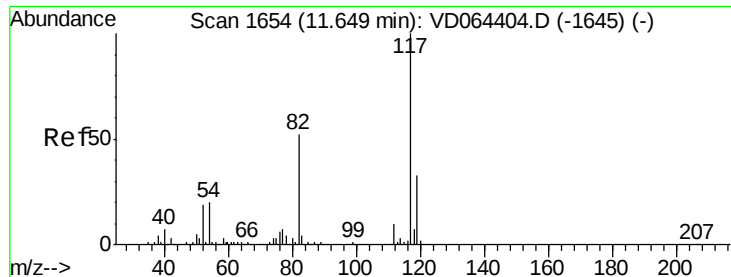
Ion Ratio Lower Upper

95 100

174 92.9 0.0 197.2

176 91.9 0.0 189.6

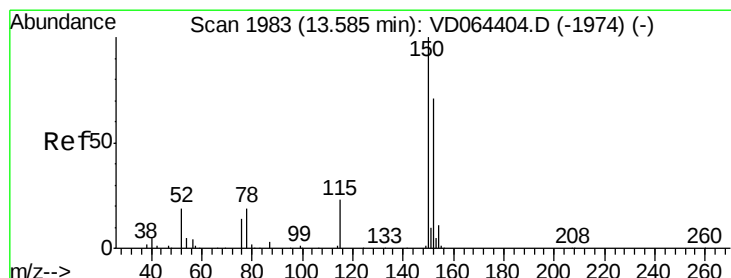
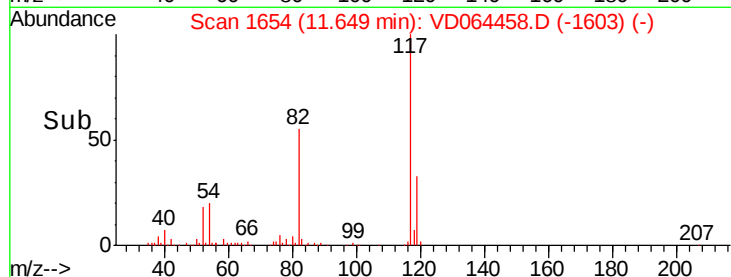
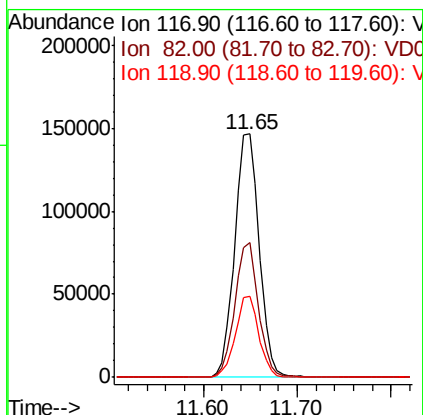
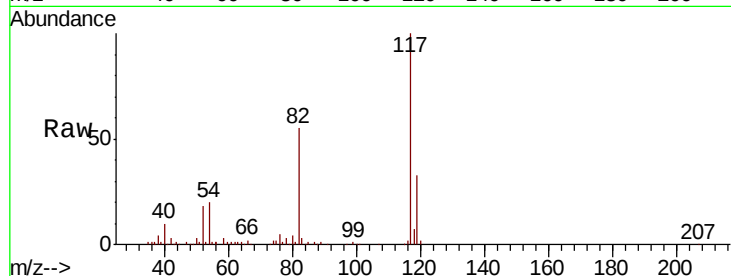




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064458.D
Acq: 06 Dec 2019 14:58

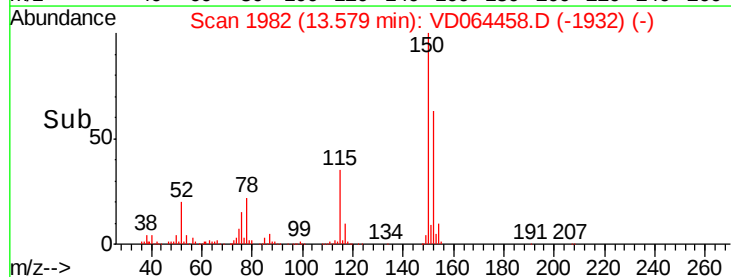
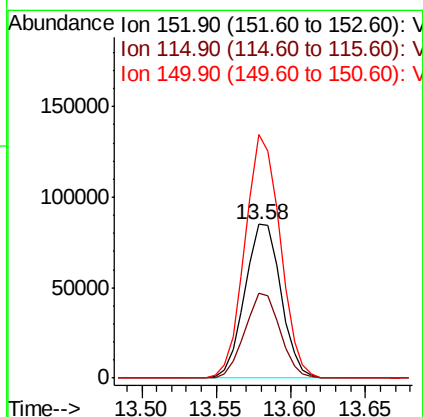
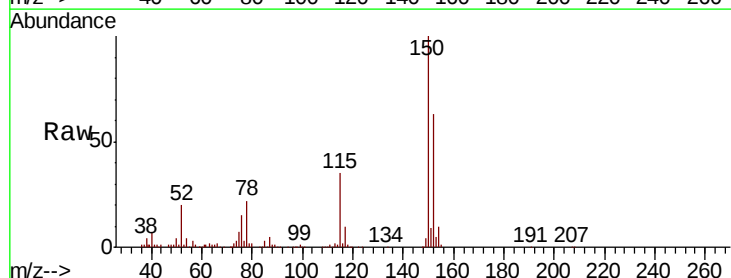
Instrument :
MSVOA_D
ClientSampleId :

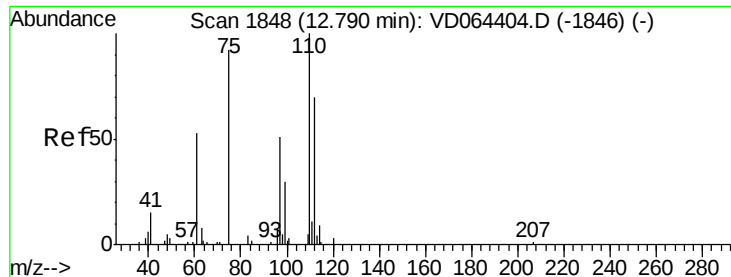
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	41.4	62.2
119	33.4	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064458.D
Acq: 06 Dec 2019 14:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.7	80.1
150	154.2	0.0	347.2





#76

1,2,3-Trichloropropane

Concen: 53.309 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064458.D

Acq: 06 Dec 2019 14:58

Instrument :

MSVOA_D

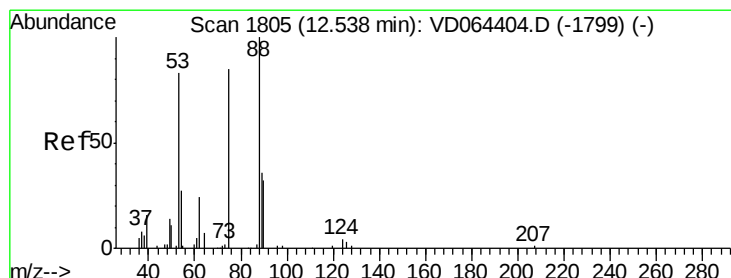
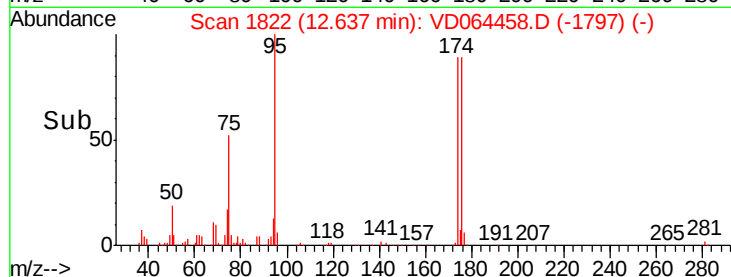
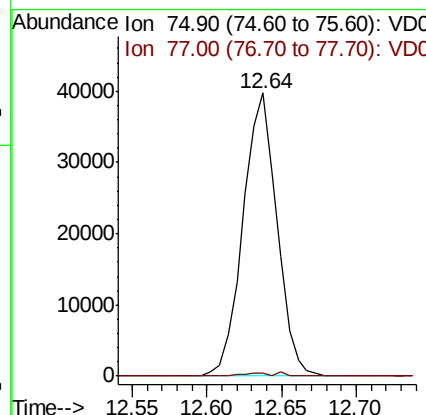
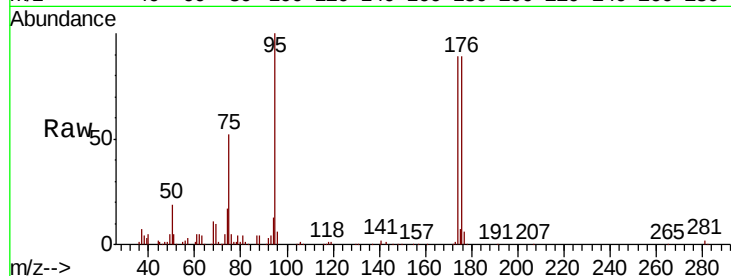
ClientSampleId :

Tot Ion: 75 Resp: 62487

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.241 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064458.D

Acq: 06 Dec 2019 14:58

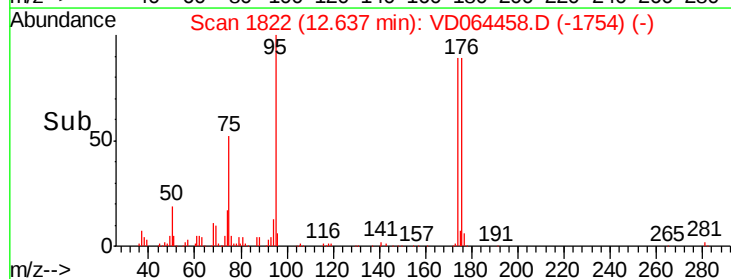
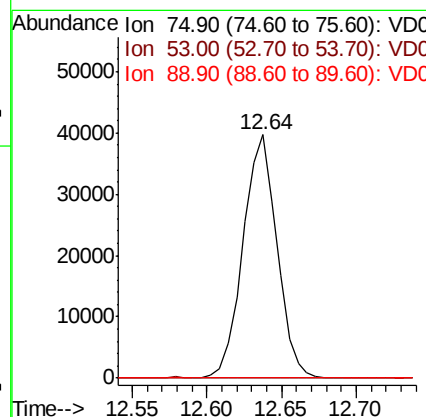
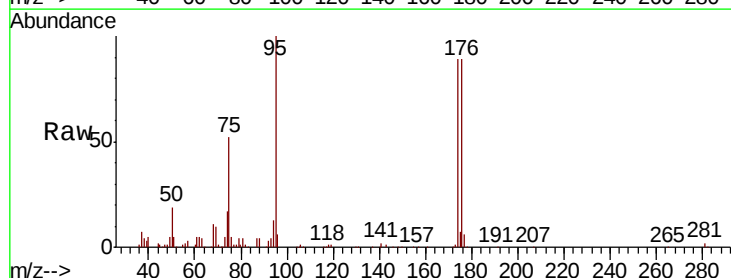
Tgt Ion: 75 Resp: 62487

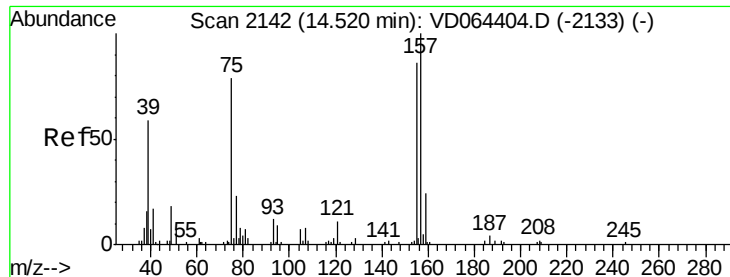
Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

89 0.0 38.5 57.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.53 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VD064458.D

Acq: 06 Dec 2019 14:58

Instrument :

MSVOA_D

ClientSampleId :

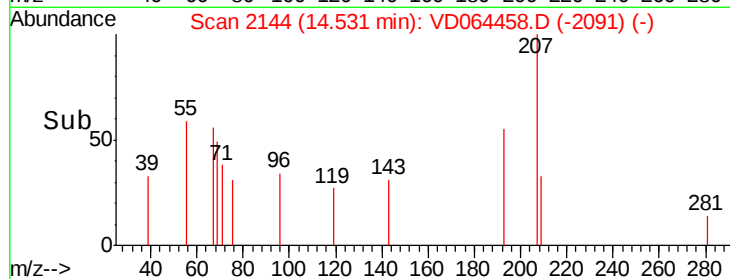
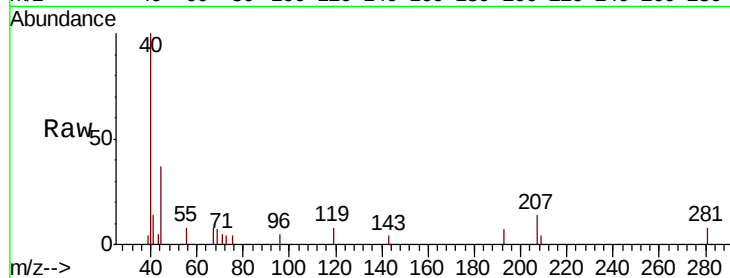
Tot Ion: 75 Resp: 58

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.7#

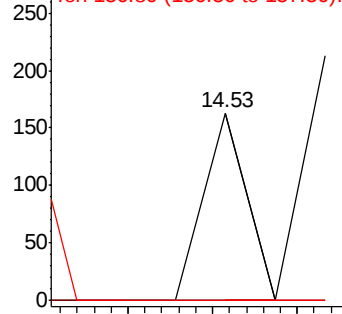
157 0.0 63.2 189.8#



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



Time-->