

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064599.D
 Acq On : 26 Dec 2019 15:09
 Operator : VA/SY
 Sample : K6436-03
 Misc : 6.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 27 01:40:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

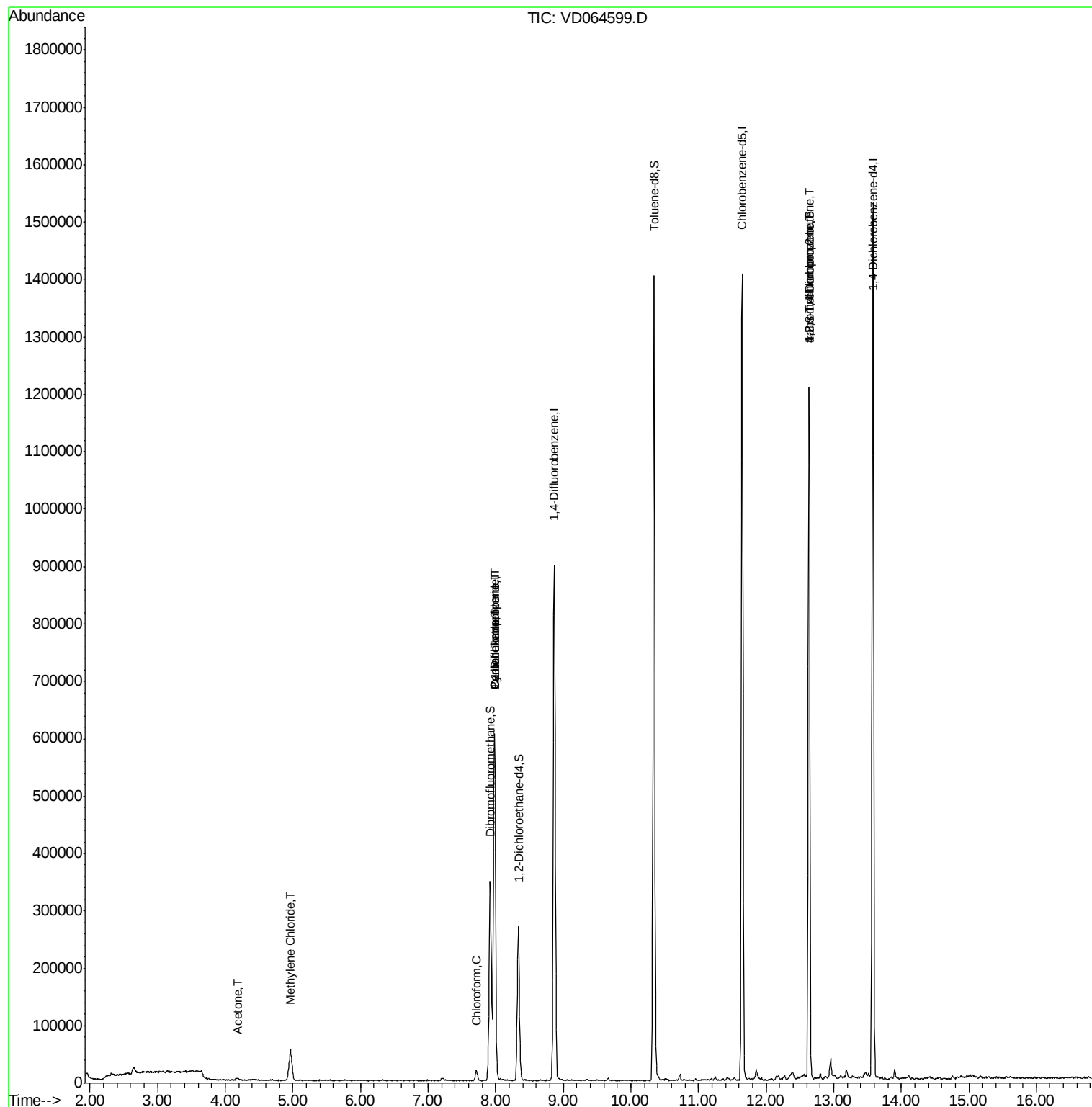
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	487635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	779600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	798699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	419256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	211997	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.92	113	244742	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	10.34	98	945975	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.64	95	361318	62.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.76%	
Target Compounds						
					Qvalue	
16) Acetone	4.18	43	6236	10.253	ug/l	98
20) Methylene Chloride	4.97	84	38812	4.365	ug/l	97
30) Chloroform	7.71	83	16068	1.912	ug/l	85
31) Cyclohexane	7.98	56	10452	1.304	ug/l #	8
36) 1,1-Dichloropropene	7.98	75	34300	4.571	ug/l #	51
38) Carbon Tetrachloride	7.98	117	45353	5.668	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	190433	57.520	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	190433	120.302	ug/l #	10

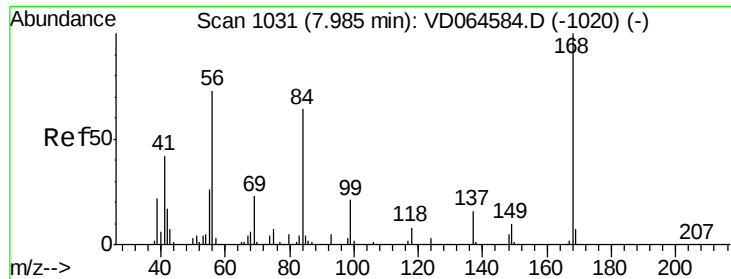
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064599.D

Acq: 26 Dec 2019 15:09

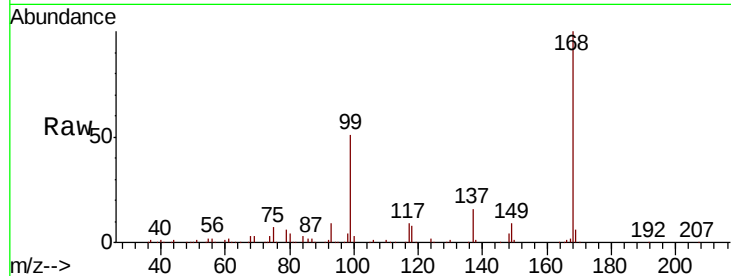
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 487635

Ion Ratio Lower Upper

168 100

99 51.0 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

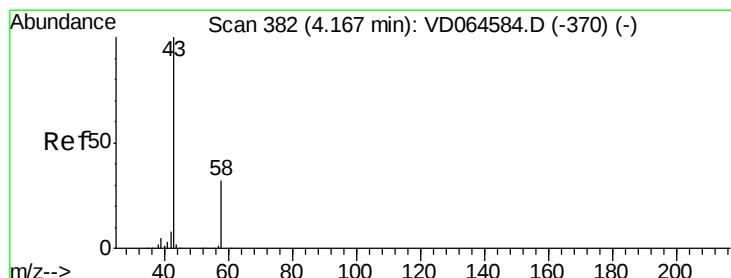
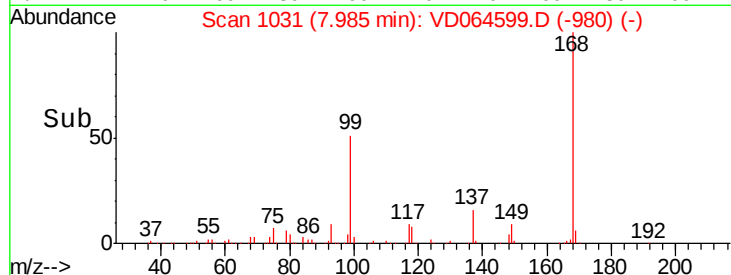
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.253 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064599.D

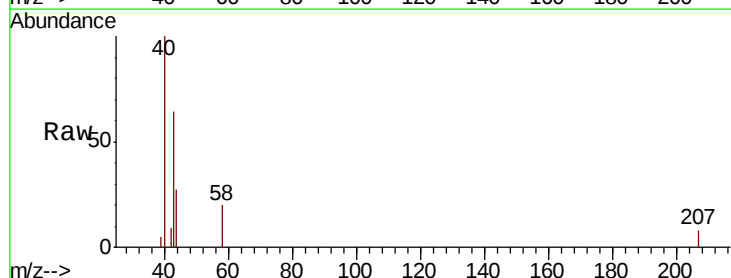
Acq: 26 Dec 2019 15:09

Tgt Ion: 43 Resp: 6236

Ion Ratio Lower Upper

43 100

58 31.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

2500

2000

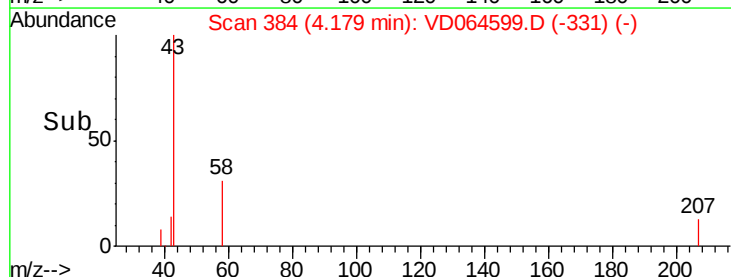
1500

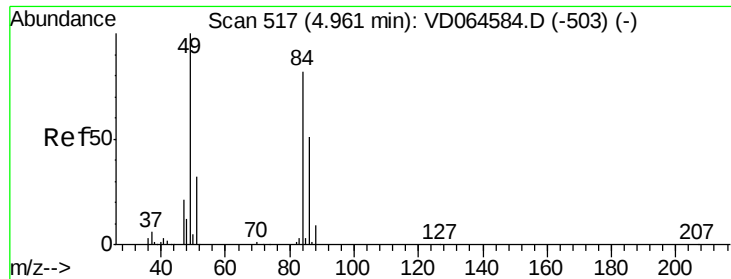
1000

500

0

Time-->

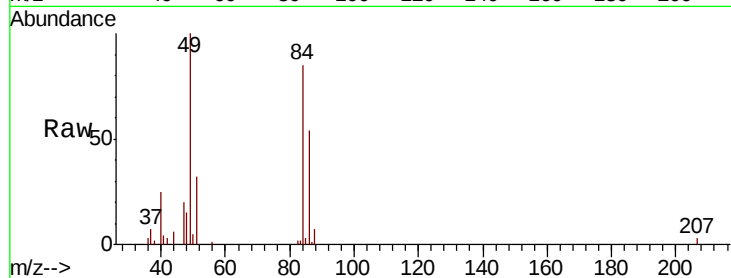




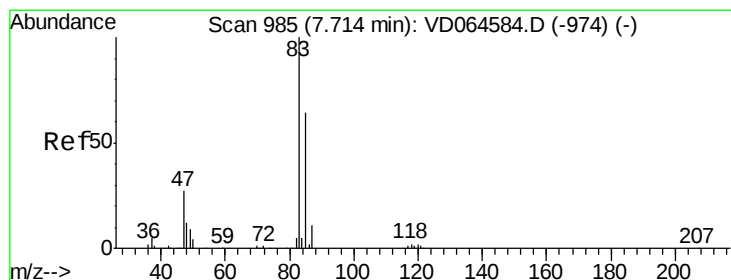
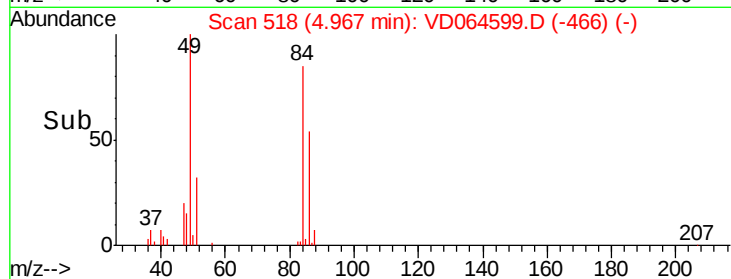
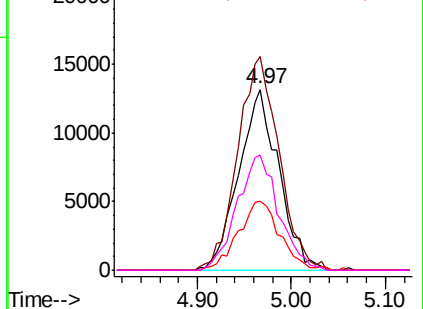
#20
Methvlene Chloride
Concen: 4.365 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064599.D
Acq: 26 Dec 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 38812
Ion Ratio Lower Upper
84 100
49 118.1 97.2 145.8
51 38.1 31.4 47.0
86 63.9 49.3 73.9

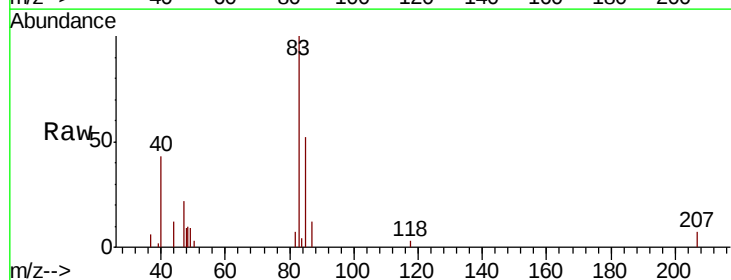


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

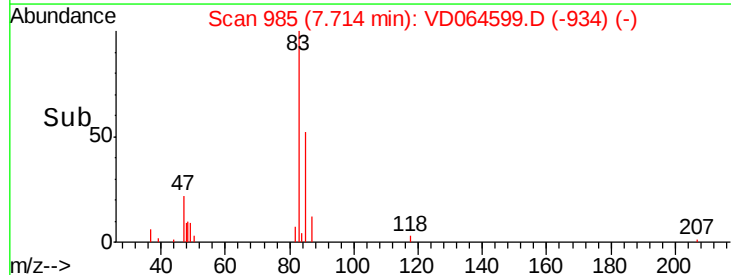
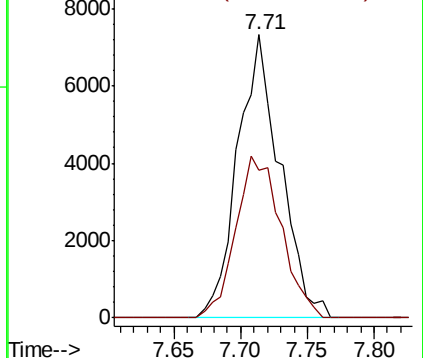


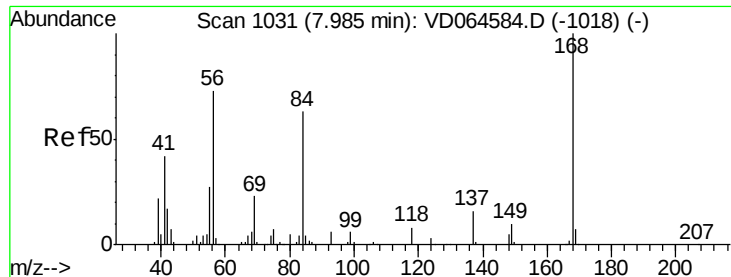
#30
Chloroform
Concen: 1.912 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064599.D
Acq: 26 Dec 2019 15:09

Tgt Ion: 83 Resp: 16068
Ion Ratio Lower Upper
83 100
85 52.4 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

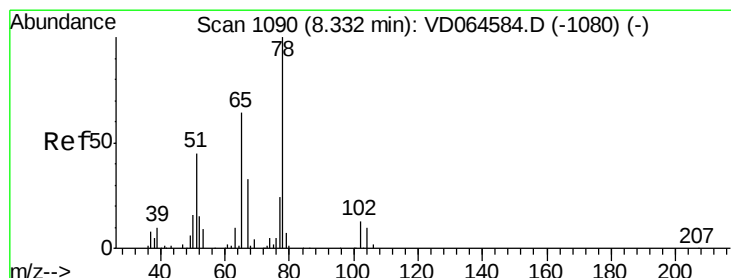
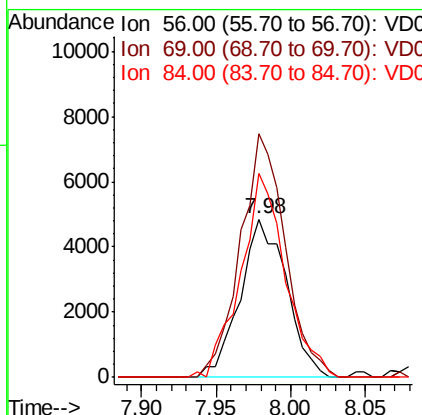
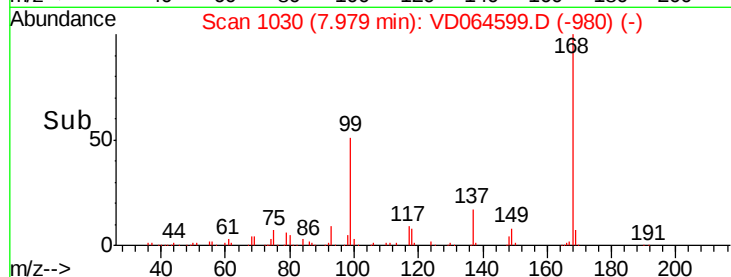
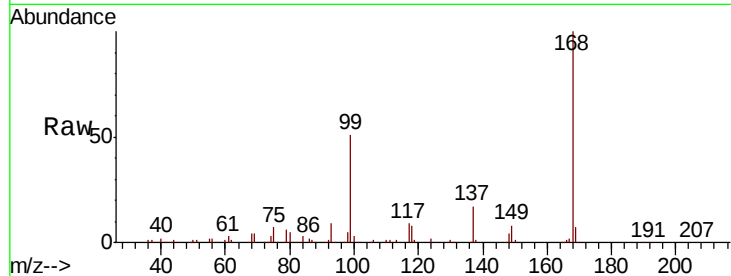




#31
Cyclohexane
Concen: 1.304 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064599.D
Acq: 26 Dec 2019 15:09

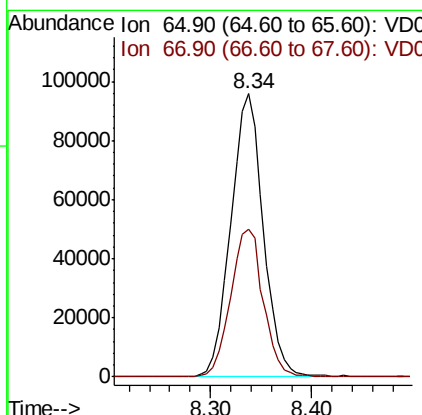
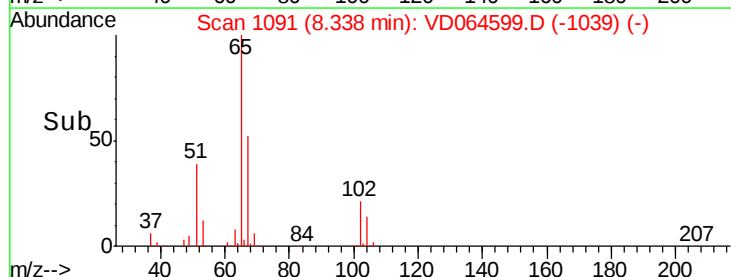
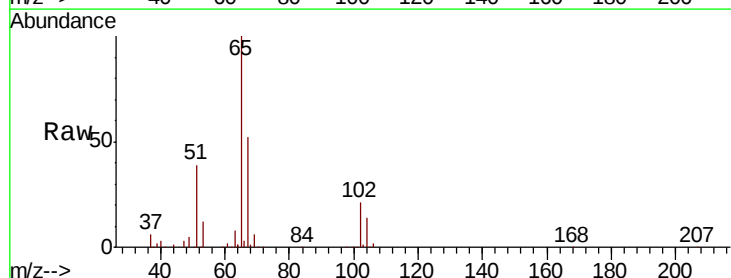
Instrument :
MSVOA_D
ClientSampled :

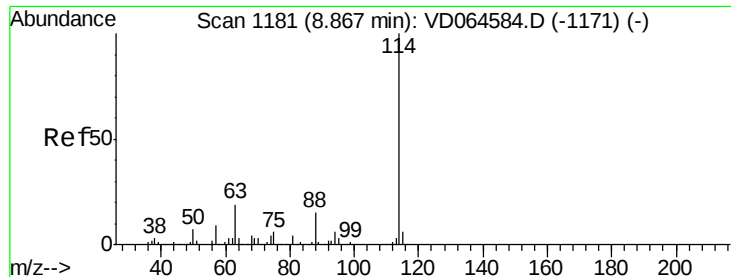
Tot Ion: 56 Resp: 10452
Ion Ratio Lower Upper
56 100
69 153.7 24.7 37.1#
84 128.7 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 49.303 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064599.D
Acq: 26 Dec 2019 15:09

Tgt Ion: 65 Resp: 211997
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.2

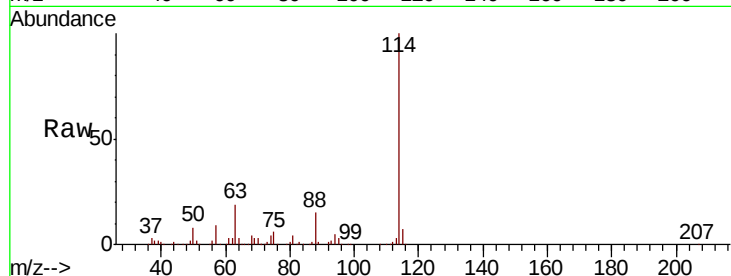




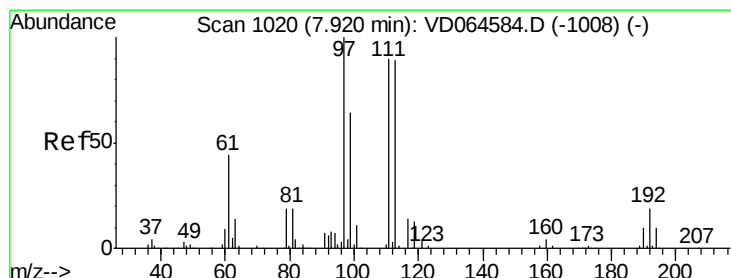
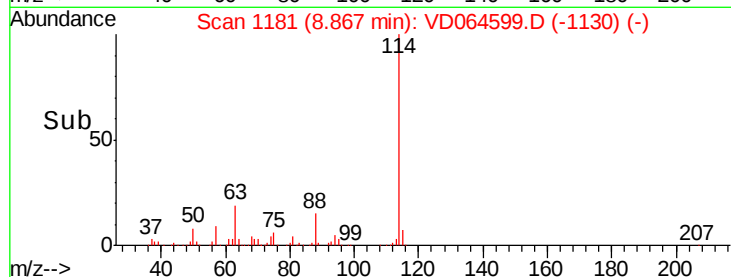
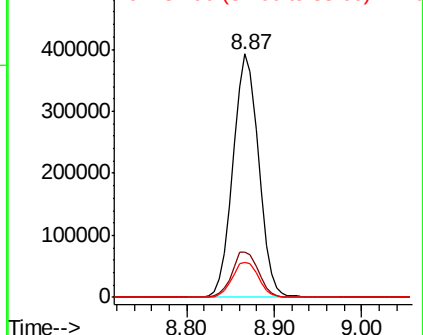
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064599.D
Acq: 26 Dec 2019 15:09

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:114 Resp: 779600
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.0
88 14.6 0.0 29.2

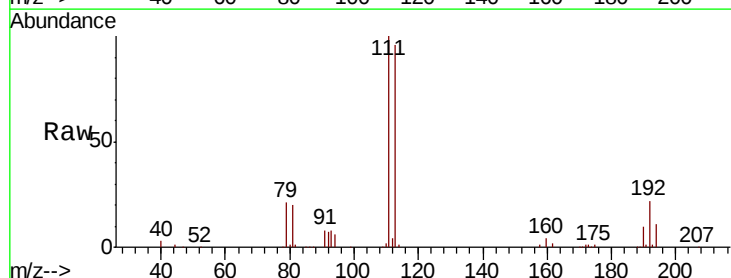


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

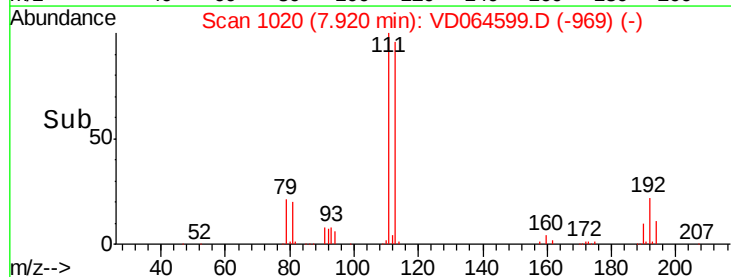
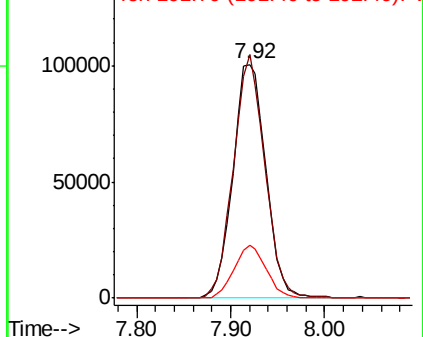


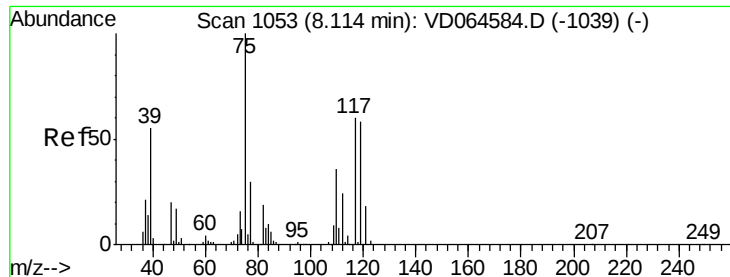
#35
Dibromofluoromethane
Concen: 51.169 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064599.D
Acq: 26 Dec 2019 15:09

Tgt Ion:113 Resp: 244742
Ion Ratio Lower Upper
113 100
111 99.4 80.6 121.0
192 21.8 17.9 26.9



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

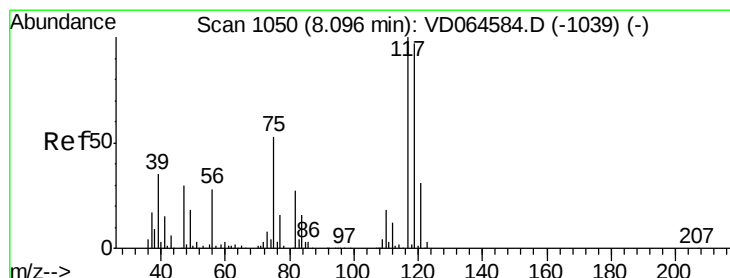
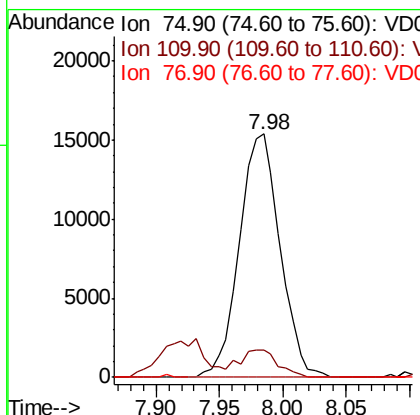
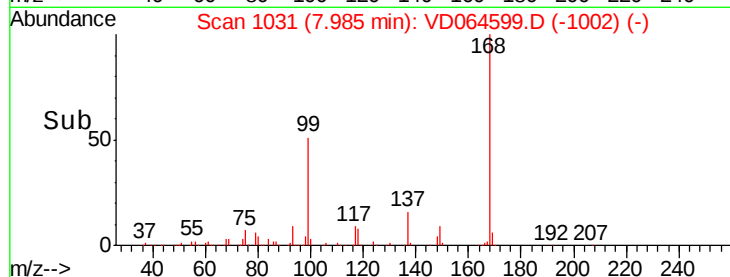
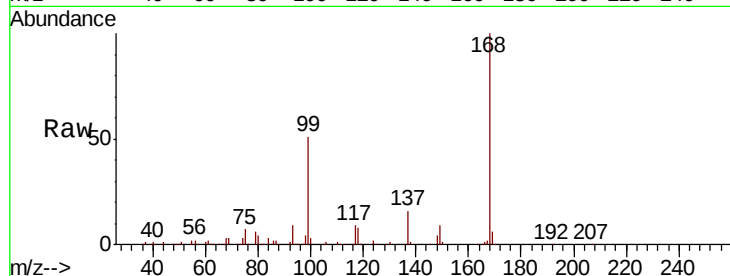




#36
 1,1-Dichloropropene
 Concen: 4.571 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064599.D
 Acq: 26 Dec 2019 15:09

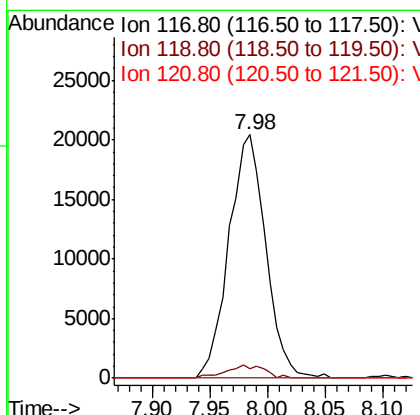
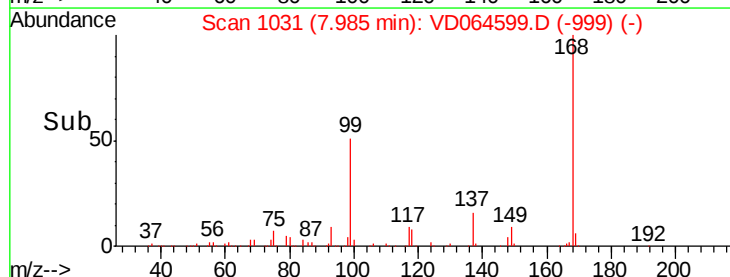
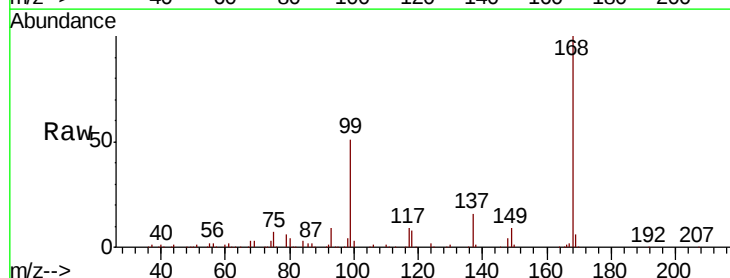
Instrument :
 MSVOA_D
 ClientSampleId :

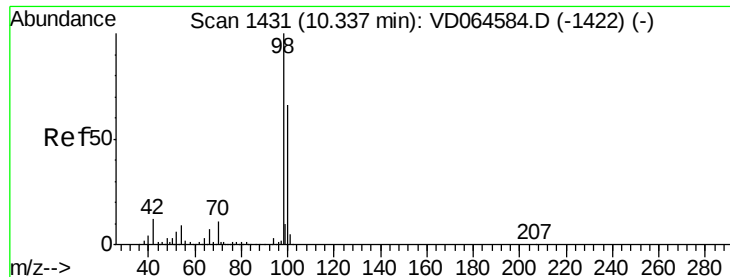
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.1	54.1#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 5.668 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064599.D
 Acq: 26 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.3	115.9#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 51.641 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064599.D

Acq: 26 Dec 2019 15:09

Instrument :

MSVOA_D

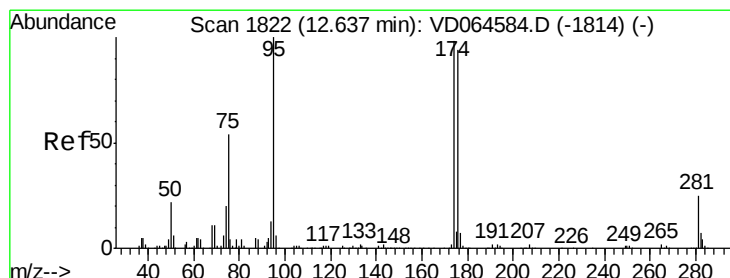
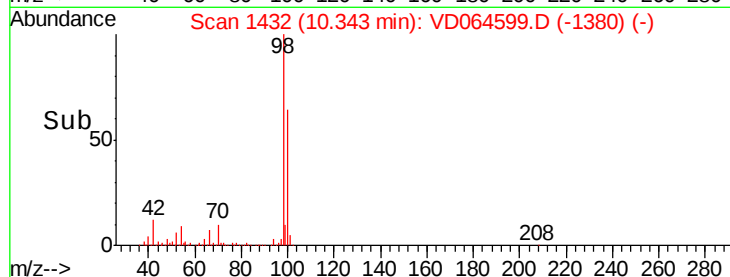
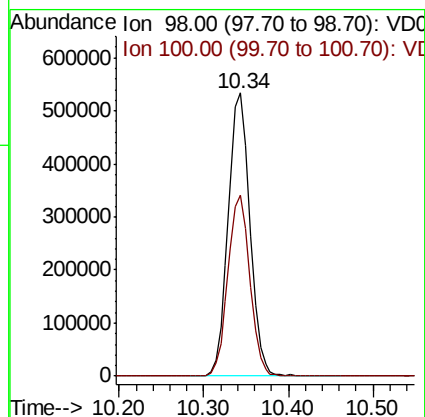
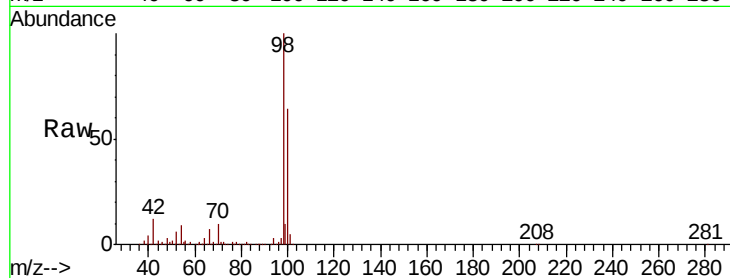
ClientSampleId :

Tot Ion: 98 Resp: 945975

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 62.378 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064599.D

Acq: 26 Dec 2019 15:09

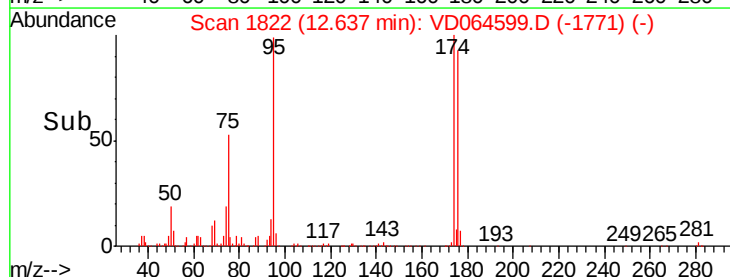
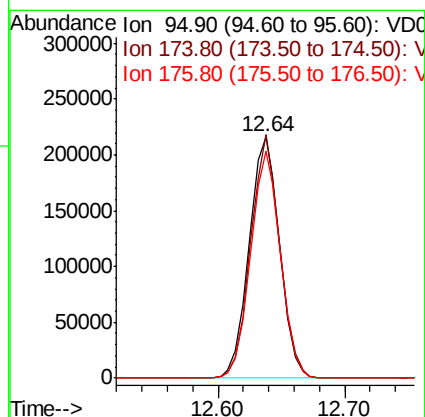
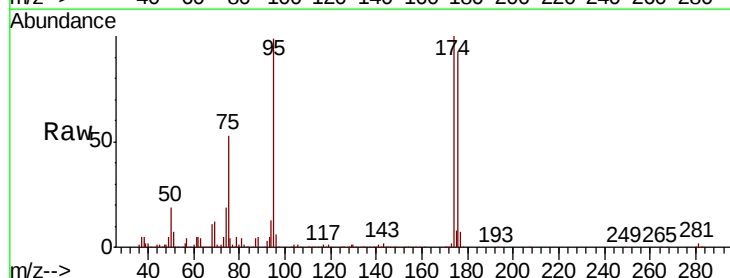
Tgt Ion: 95 Resp: 361318

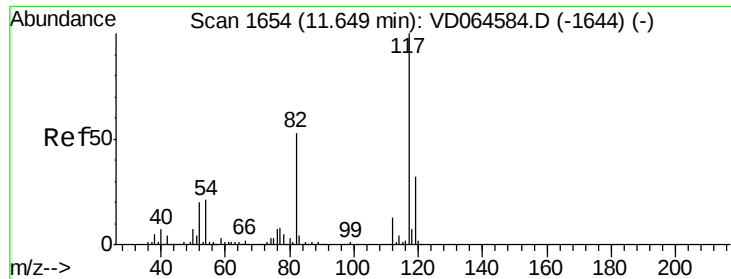
Ion Ratio Lower Upper

95 100

174 96.3 0.0 193.2

176 91.8 0.0 184.2

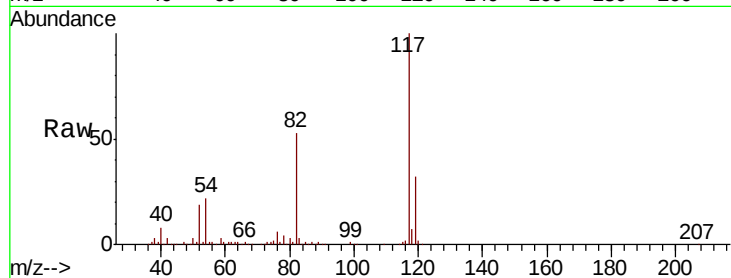




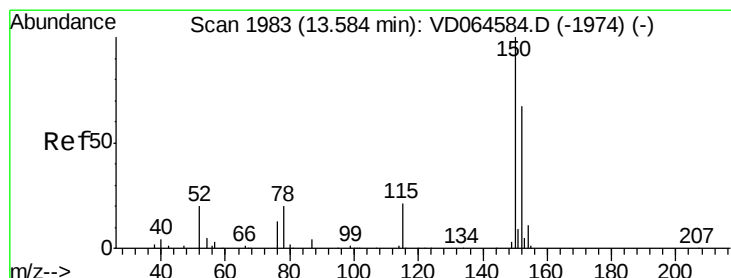
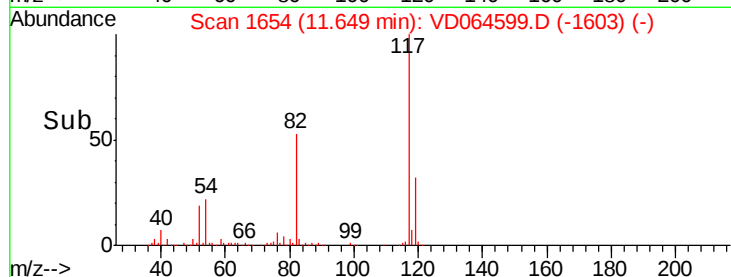
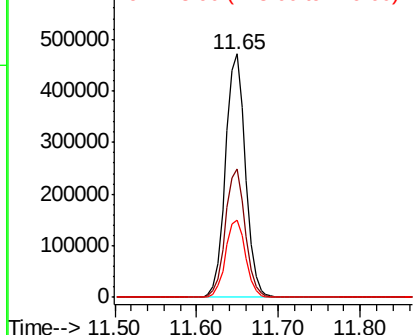
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064599.D
Acq: 26 Dec 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 798699
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.4
119 31.7 26.0 39.0

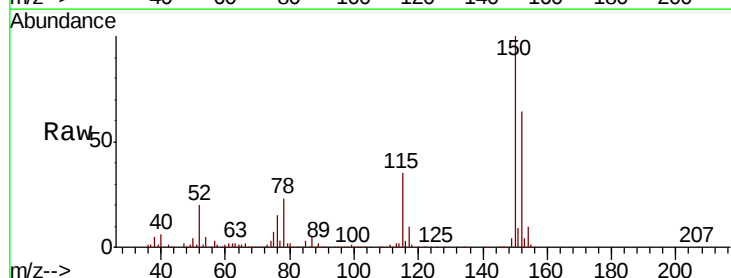


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

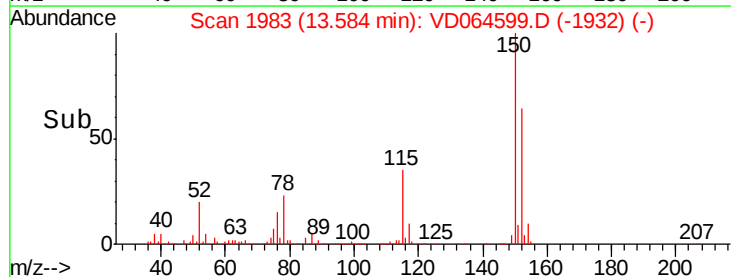
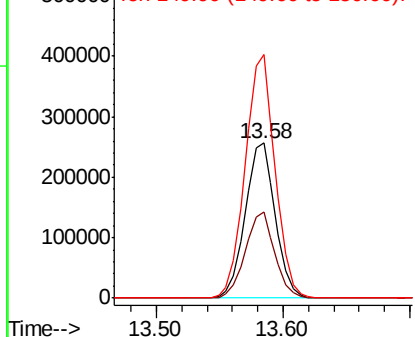


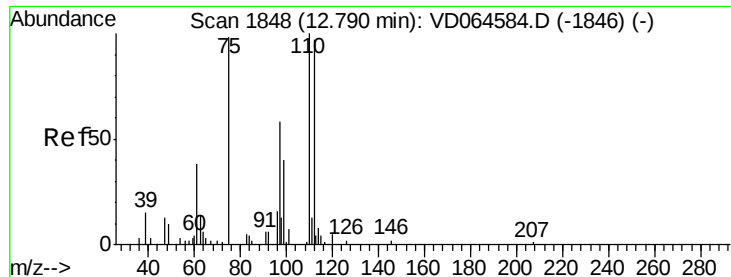
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064599.D
Acq: 26 Dec 2019 15:09

Tgt Ion:152 Resp: 419256
Ion Ratio Lower Upper
152 100
115 54.4 27.8 83.4
150 156.8 0.0 351.4



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: 57.520 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064599.D

Acq: 26 Dec 2019 15:09

Instrument :

MSVOA_D

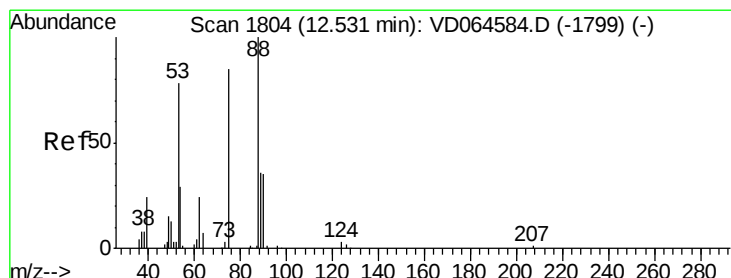
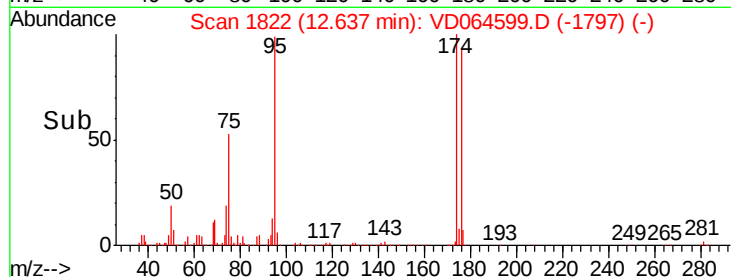
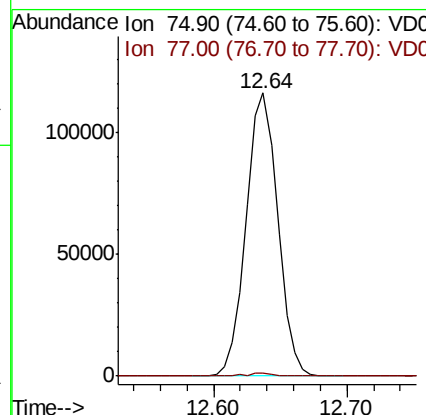
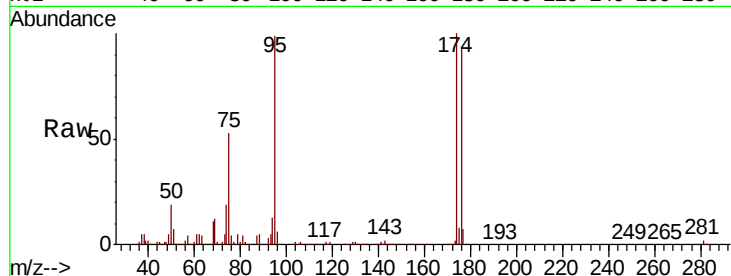
ClientSampled :

Tot Ion: 75 Resp: 190433

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 120.302 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064599.D

Acq: 26 Dec 2019 15:09

Tgt Ion: 75 Resp: 190433

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#

