

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064388.D
 Acq On : 26 Nov 2019 17:11
 Operator : VA/SY
 Sample : K6024-05
 Misc : 6.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 27 05:52:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

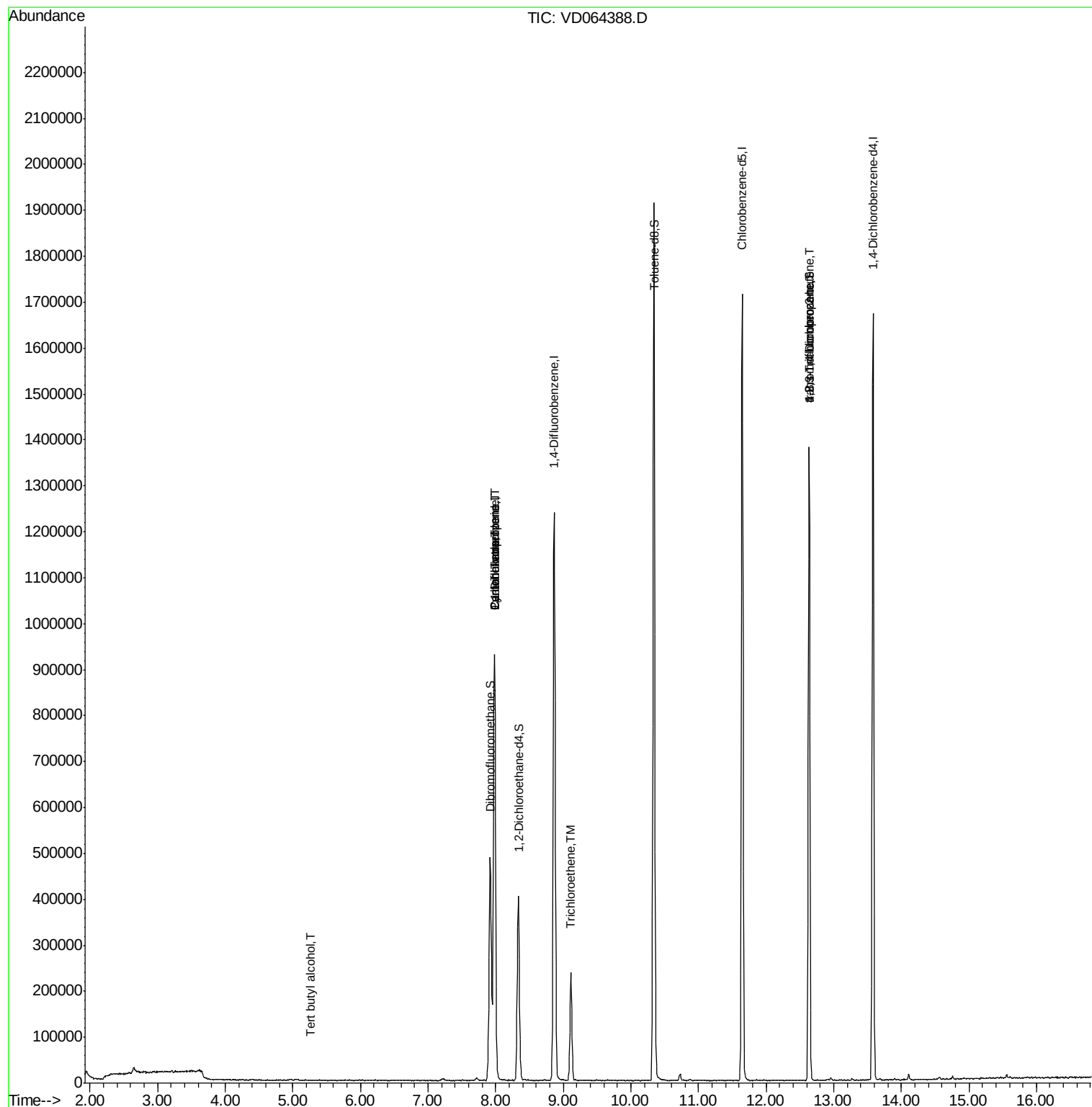
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	762029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1104158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	973912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	457852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	321866	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	7.92	113	332896	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	10.34	98	1301555	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
62) 4-Bromofluorobenzene	12.64	95	408659	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.26	59	796	1.818	ug/l #	80
31) Cyclohexane	7.98	56	15262	1.241	ug/l #	22
36) 1,1-Dichloropropene	7.98	75	52473	5.149	ug/l #	48
38) Carbon Tetrachloride	7.98	117	68701	6.301	ug/l #	16
44) Trichloroethene	9.11	130	87116	10.422	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	213712	57.950	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	213712	115.112	ug/l #	10

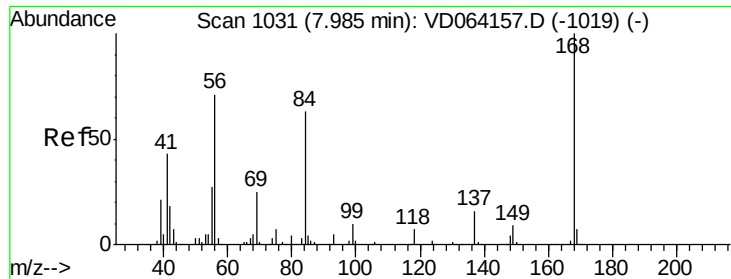
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 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: VD064388.D

Acq: 26 Nov 2019 17:11

Instrument :

MSVOA_D

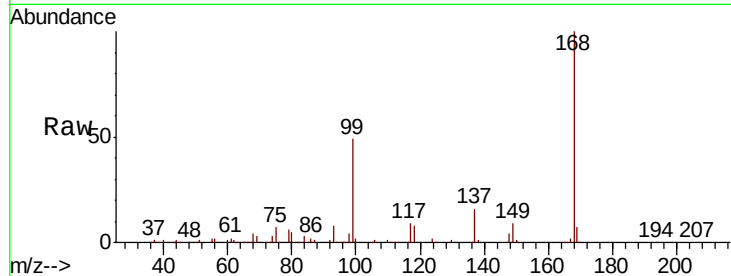
ClientSampleId :

Tot Ion:168 Resp: 762029

Ion Ratio Lower Upper

168 100

99 49.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

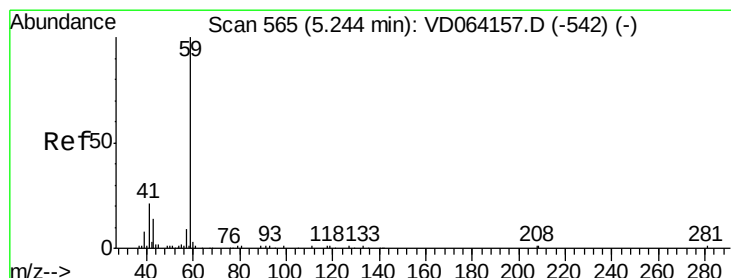
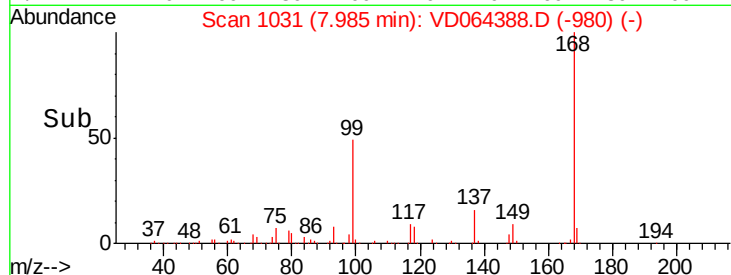
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.818 ug/l

RT: 5.26 min Scan# 567

Delta R.T. 0.01 min

Lab File: VD064388.D

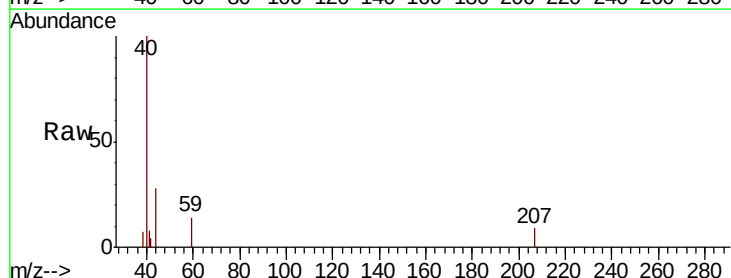
Acq: 26 Nov 2019 17:11

Tgt Ion: 59 Resp: 796

Ion Ratio Lower Upper

59 100

57 19.7 9.4 14.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.26

600

500

400

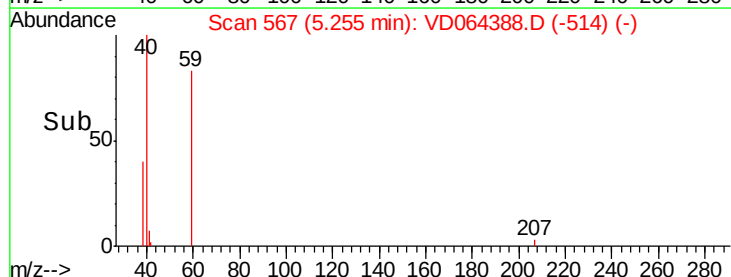
300

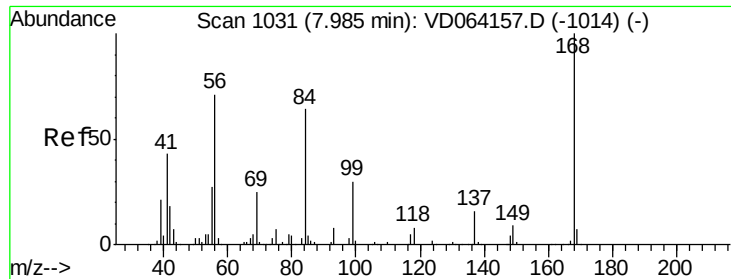
200

100

0

Time-->

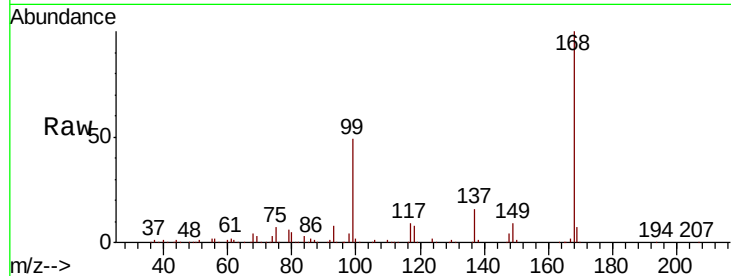




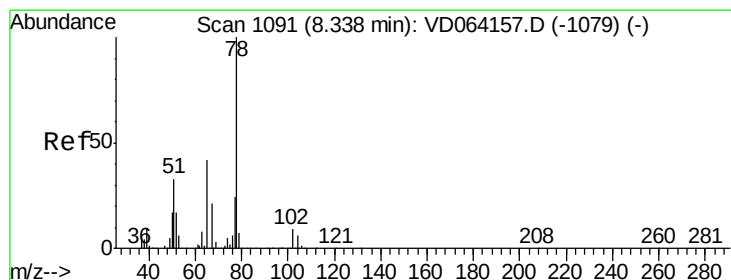
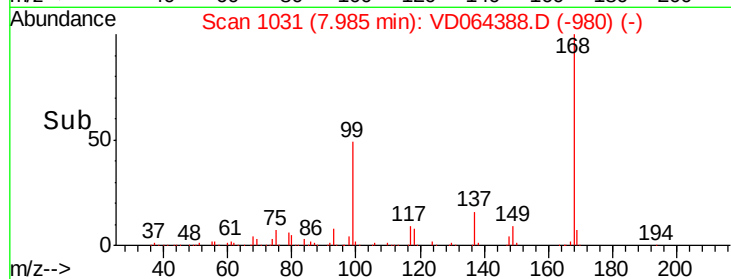
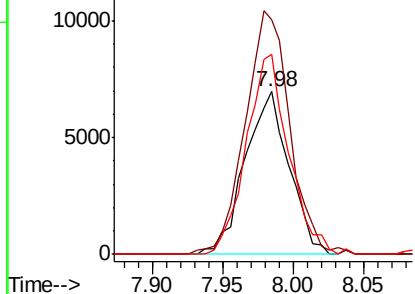
#31
Cyclohexane
Concen: 1.241 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064388.D
Acq: 26 Nov 2019 17:11

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 15262
Ion Ratio Lower Upper
56 100
69 144.2 28.2 42.4#
84 123.4 71.8 107.6#

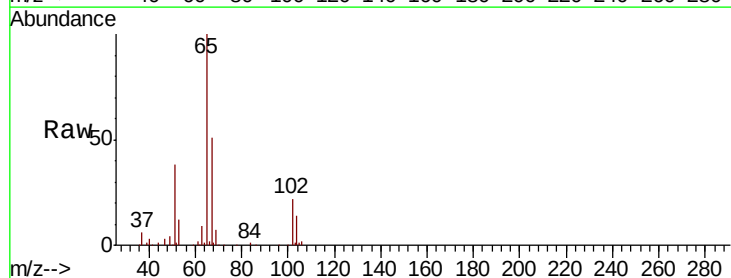


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

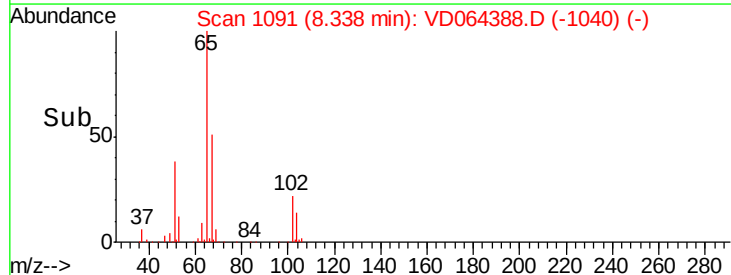
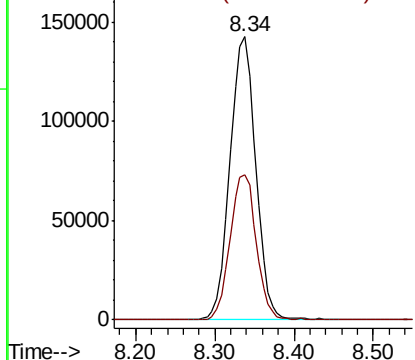


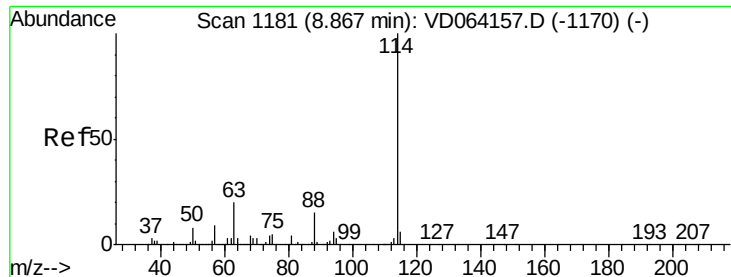
#33
1,2-Dichloroethane-d4
Concen: 51.357 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064388.D
Acq: 26 Nov 2019 17:11

Tgt Ion: 65 Resp: 321866
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

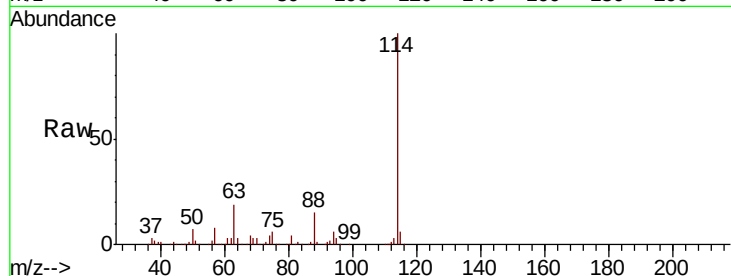




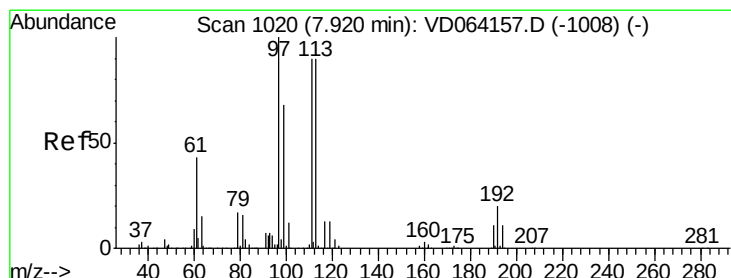
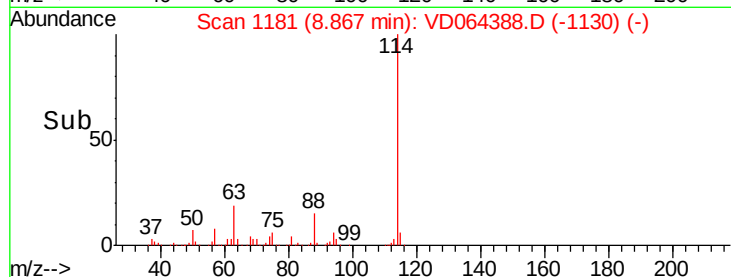
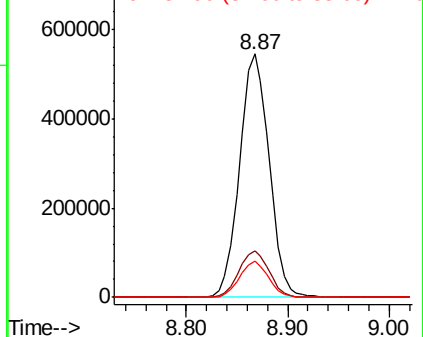
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064388.D
 Acq: 26 Nov 2019 17:11

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1104158
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 14.8 0.0 30.2

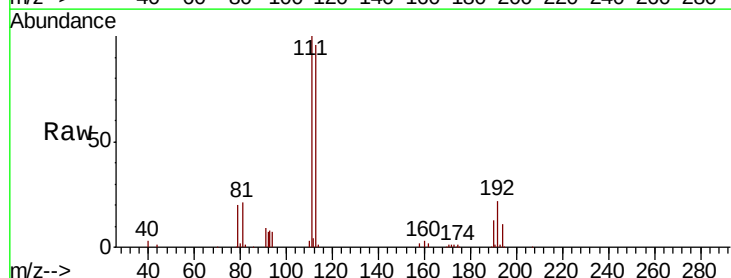


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

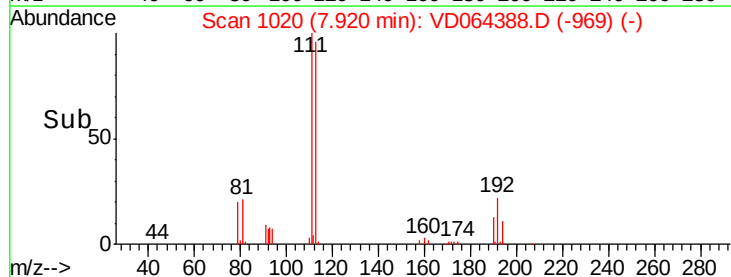
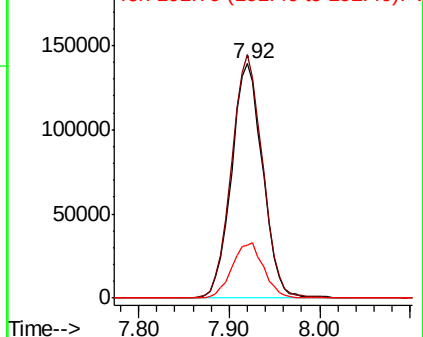


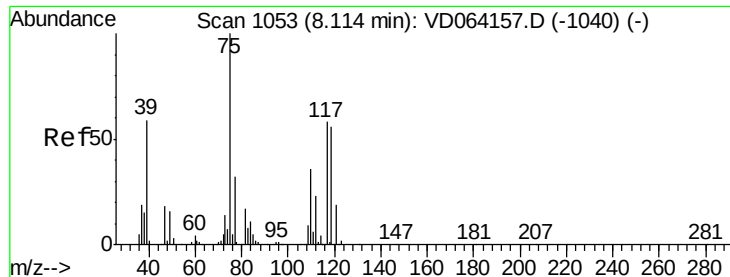
#35
 Dibromofluoromethane
 Concen: 52.523 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064388.D
 Acq: 26 Nov 2019 17:11

Tgt Ion:113 Resp: 332896
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.5 122.3
 192 23.8 18.8 28.2



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: 5.149 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064388.D

Acq: 26 Nov 2019 17:11

Instrument :

MSVOA_D

ClientSampleId :

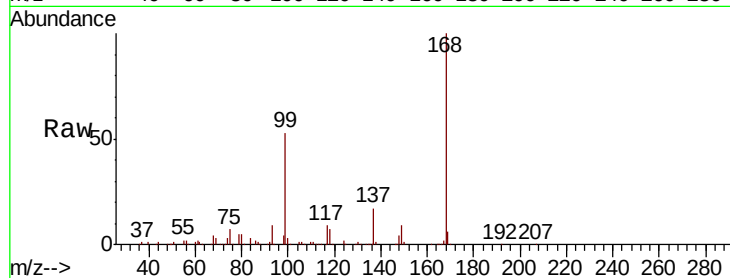
Tot Ion: 75 Resp: 52473

Ion Ratio Lower Upper

75 100

110 8.5 18.3 54.9#

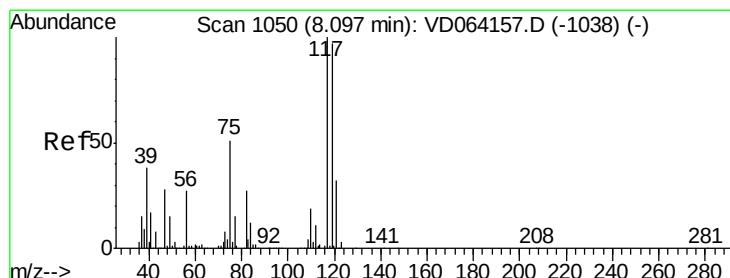
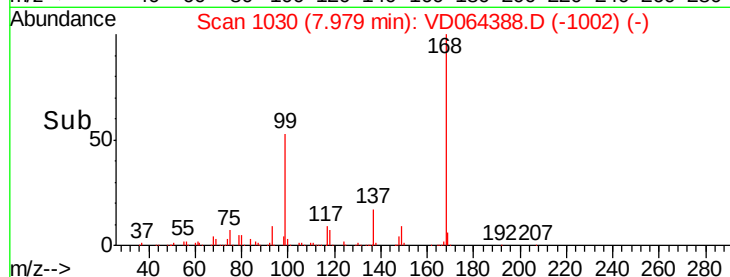
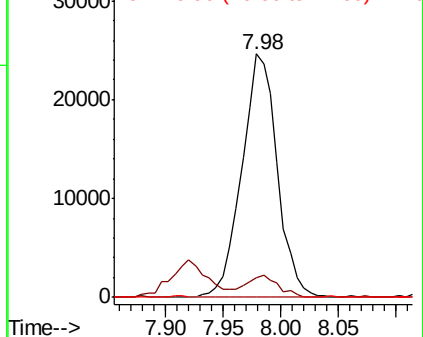
77 0.0 25.0 37.6#



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: 6.301 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064388.D

Acq: 26 Nov 2019 17:11

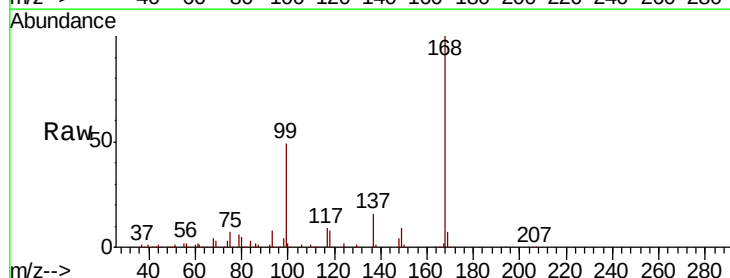
Tgt Ion: 117 Resp: 68701

Ion Ratio Lower Upper

117 100

119 5.1 77.2 115.8#

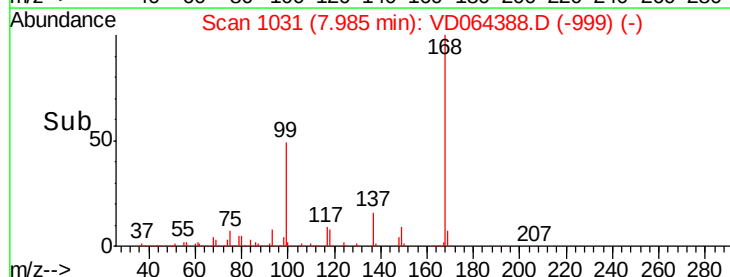
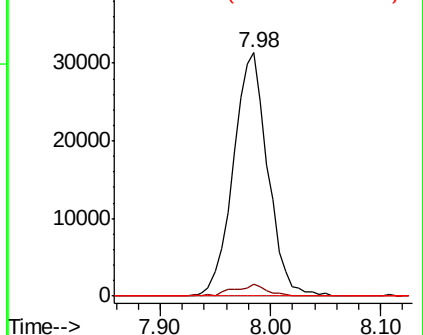
121 0.0 25.5 38.3#

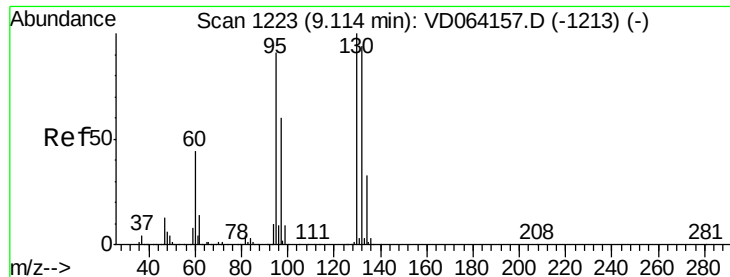


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 10.422 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD064388.D

Acq: 26 Nov 2019 17:11

Instrument :

MSVOA_D

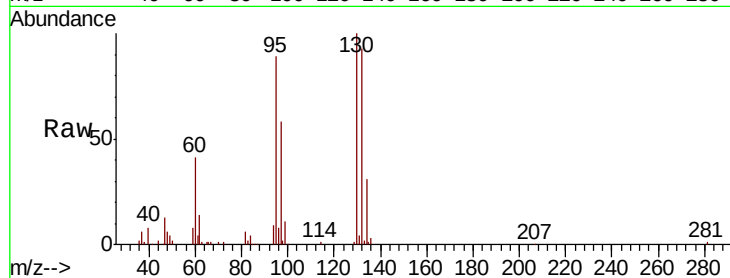
ClientSampleId :

Tot Ion:130 Resp: 87116

Ion Ratio Lower Upper

130 100

95 89.3 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

9.11

40000

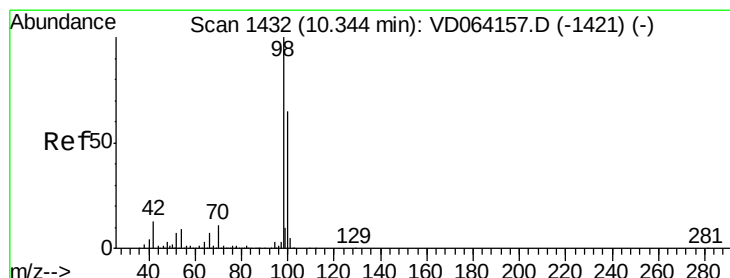
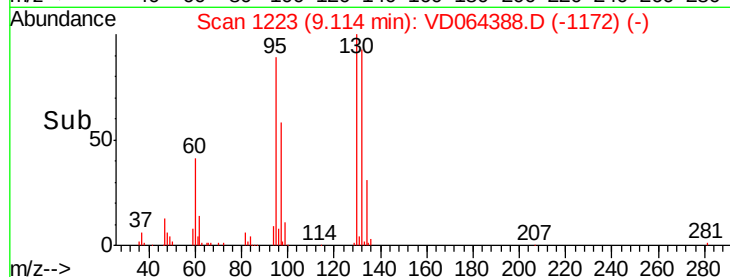
30000

20000

10000

0

Time--> 9.00 9.05 9.10 9.15 9.20



#50

Toluene-d8

Concen: 54.436 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064388.D

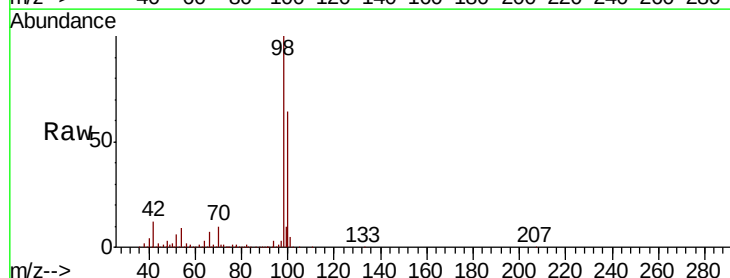
Acq: 26 Nov 2019 17:11

Tgt Ion: 98 Resp: 1301555

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VD

10.34

800000

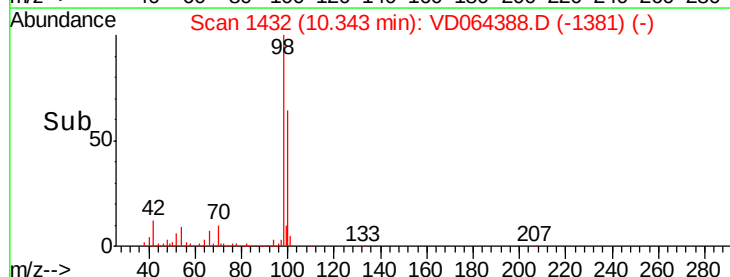
600000

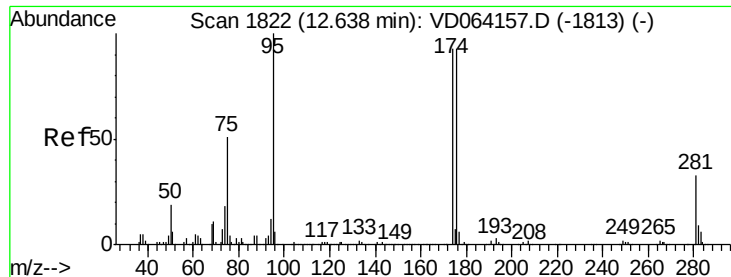
400000

200000

0

Time--> 10.20 10.30 10.40 10.50

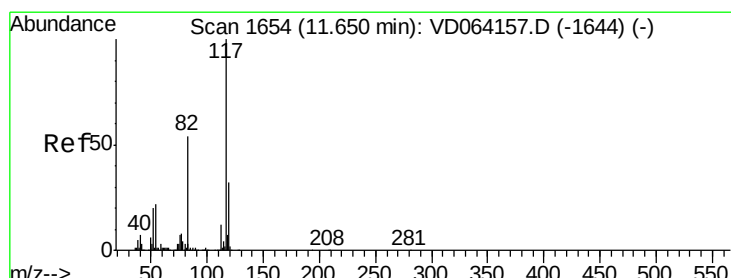
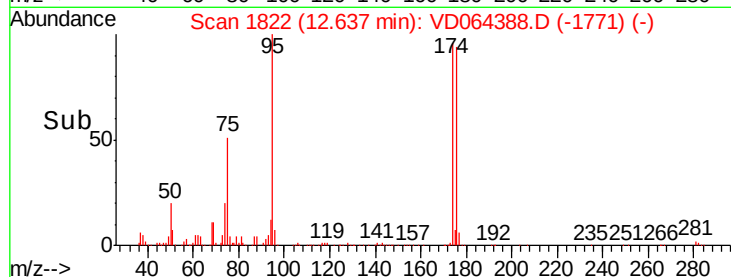
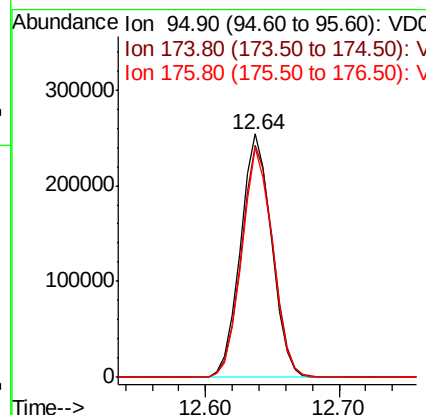
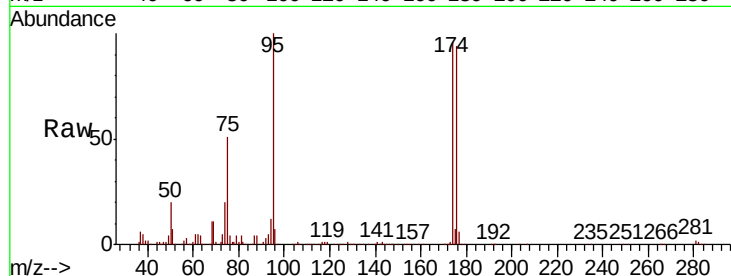




#62
4-Bromofluorobenzene
Concen: 49.354 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064388.D
Acq: 26 Nov 2019 17:11

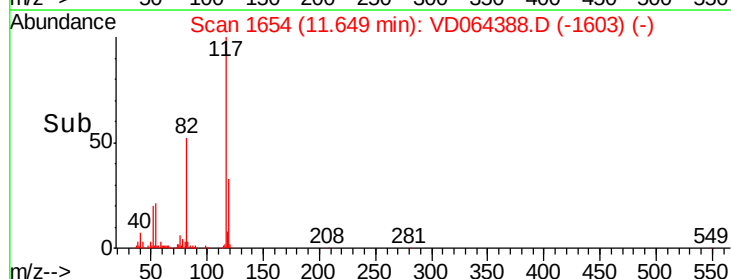
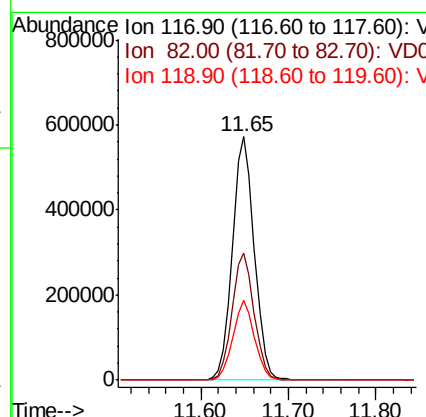
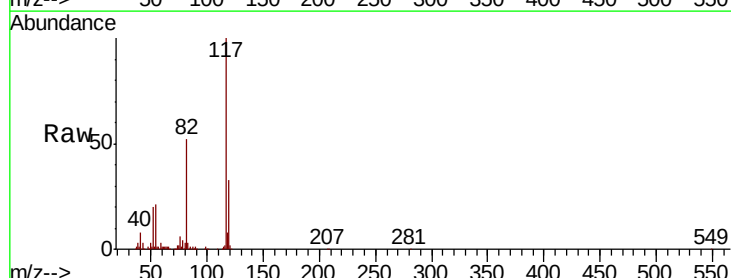
Instrument :
MSVOA_D
ClientSampleId :

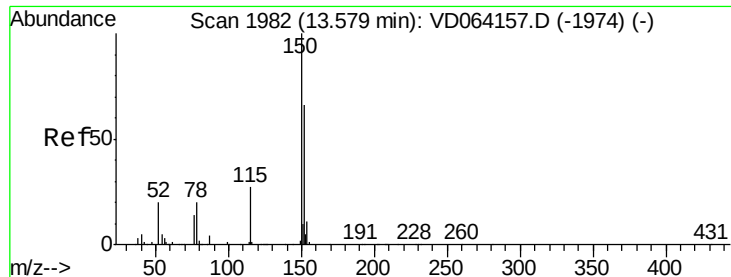
Tot Ion: 95 Resp: 408659
Ion Ratio Lower Upper
95 100
174 96.8 0.0 183.6
176 93.7 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064388.D
Acq: 26 Nov 2019 17:11

Tgt Ion: 117 Resp: 973912
Ion Ratio Lower Upper
117 100
82 52.2 42.8 64.2
119 32.5 25.6 38.4

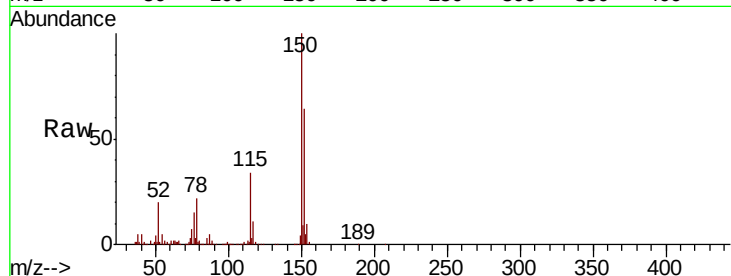




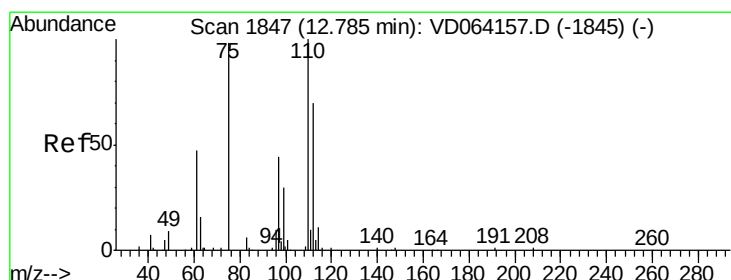
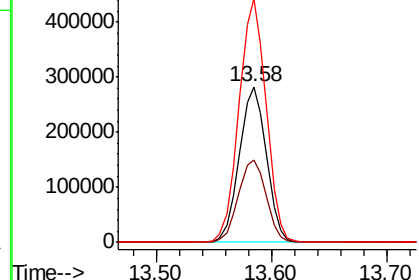
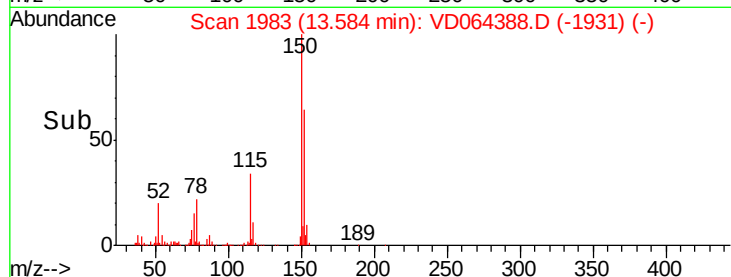
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: VD064388.D
 Acq: 26 Nov 2019 17:11

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.4	82.2
150	156.5	0.0	351.6

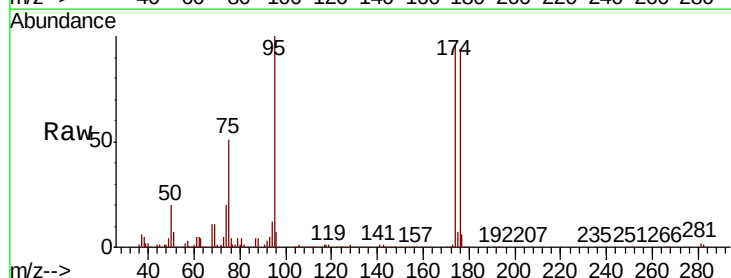


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

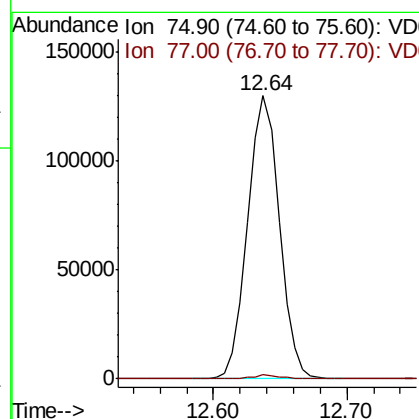
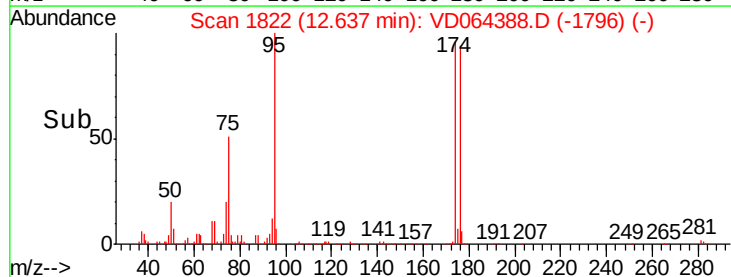


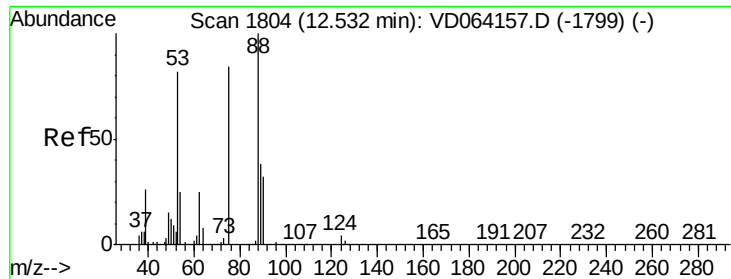
#76
 1,2,3-Trichloropropane
 Concen: 57.950 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064388.D
 Acq: 26 Nov 2019 17:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 115.112 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064388.D

Acq: 26 Nov 2019 17:11

Instrument :

MSVOA_D

ClientSampleId :

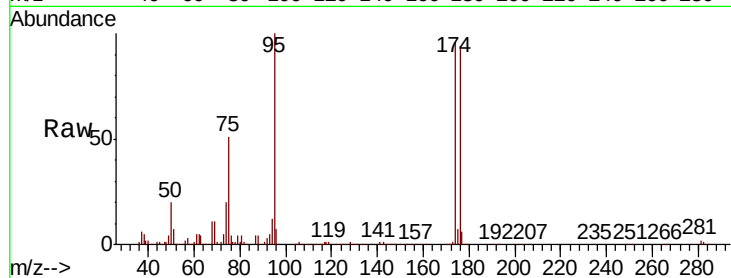
Tot Ion: 75 Resp: 213712

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.0 36.6 55.0#



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

