

Data File : VD064236.D
Acq On : 15 Nov 2019 19:25
Operator : VA/SY
Sample : K5839-08
Misc : 4.52G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PHIPPS-BH-SW-01

Quant Time: Nov 16 04:54:07 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	1007606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1449358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1252858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	591691	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	426615	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	7.92	113	439026	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
50) Toluene-d8	10.34	98	1690202	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
62) 4-Bromofluorobenzene	12.64	95	536389	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

Target Compounds

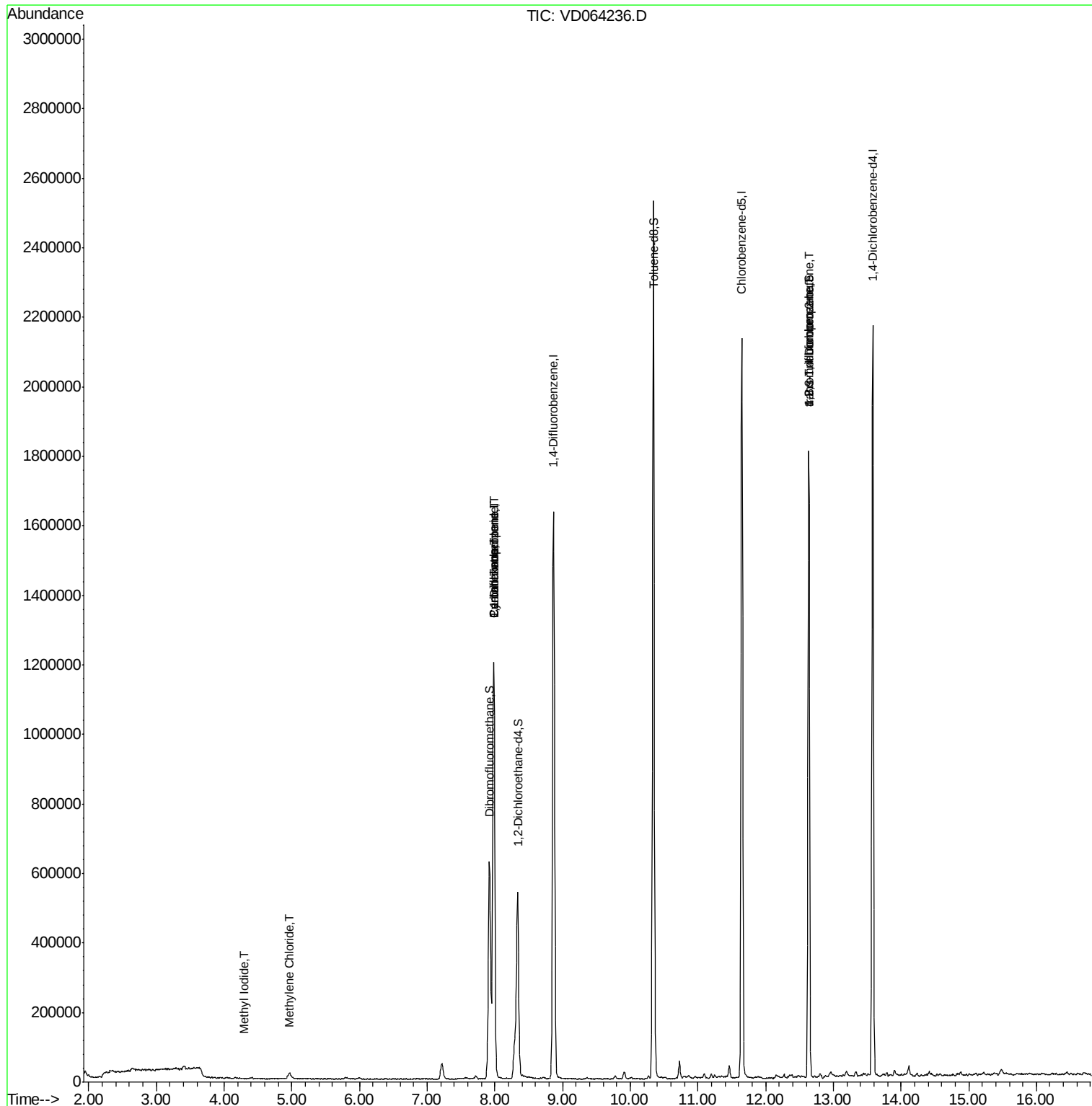
						Qvalue
10) Methyl Iodide	4.29	142	121	2.043	ug/l #	41
20) Methylene Chloride	4.97	84	12726	1.283	ug/l #	93
31) Cyclohexane	7.98	56	19138	1.177	ug/l #	24
36) 1,1-Dichloropropene	7.98	75	67771	5.066	ug/l #	49
38) Carbon Tetrachloride	7.98	117	86214	6.023	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	274517	57.600	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	274517	114.417	ug/l #	10

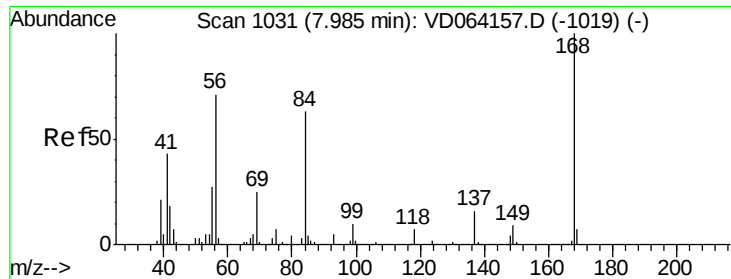
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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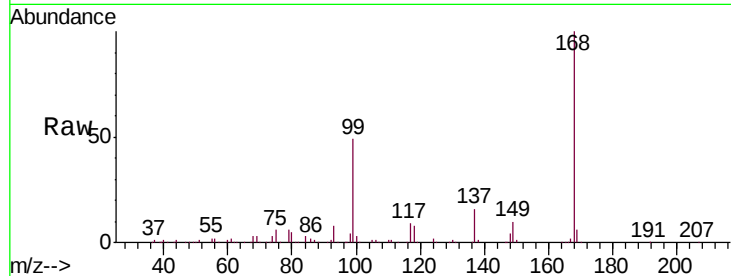
PHIPPS-BH-SW-01

Tgt Ion:168 Resp: 1007606

Ion Ratio Lower Upper

168 100

99 48.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

500000

400000

300000

200000

100000

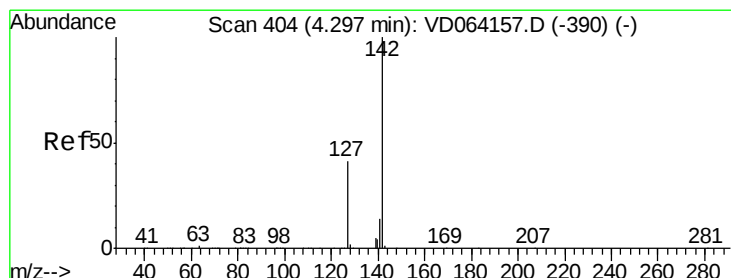
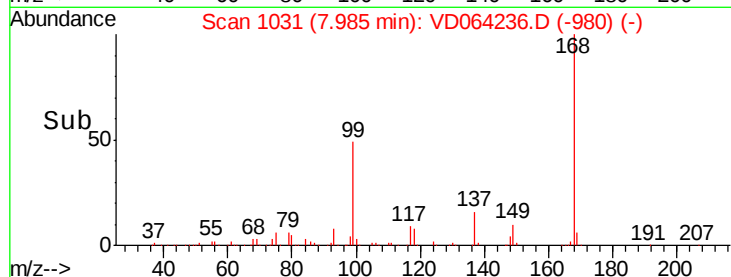
0

7.90

8.00

8.10

Time-->



#10

Methyl Iodide

Concen: 2.043 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064236.D

Acq: 15 Nov 2019 19:25

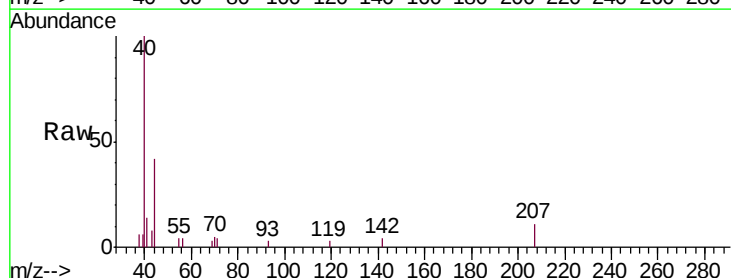
Tgt Ion:142 Resp: 121

Ion Ratio Lower Upper

142 100

127 0.0 34.4 51.6#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

250

200

150

100

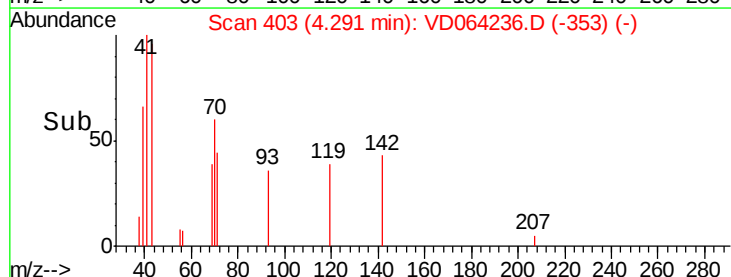
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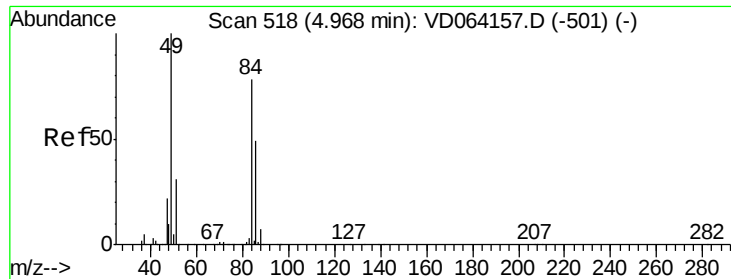
0

4.28

4.30

Time-->

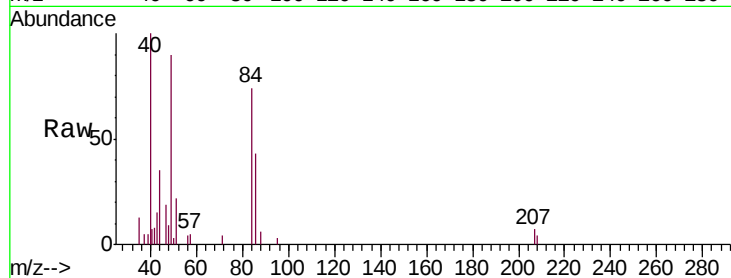




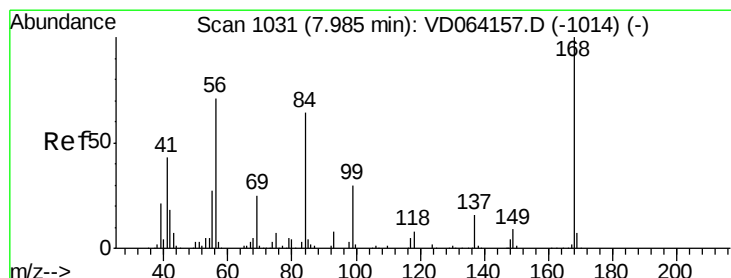
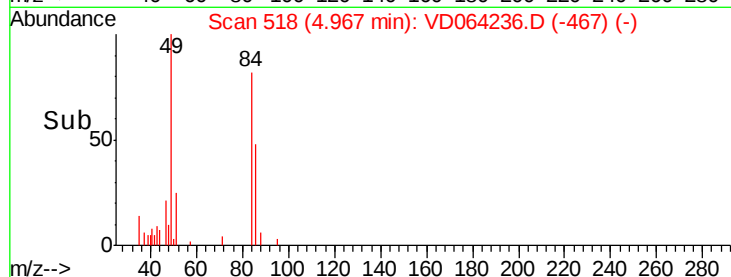
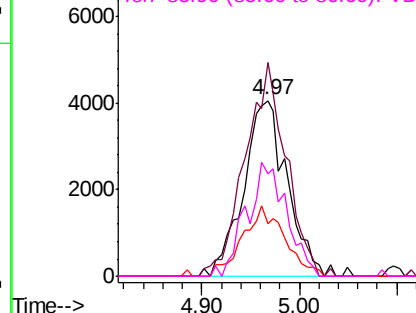
#20
Methylene Chloride
Concen: 1.283 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD064236.D
Acq: 15 Nov 2019 19:25

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MSVOA_D
ClientSampleId :
PHIPPS-BH-SW-01

Tgt Ion: 84 Resp: 12726
Ion Ratio Lower Upper
84 100
49 121.5 102.1 153.1
51 30.2 32.2 48.2#
86 58.2 49.9 74.9

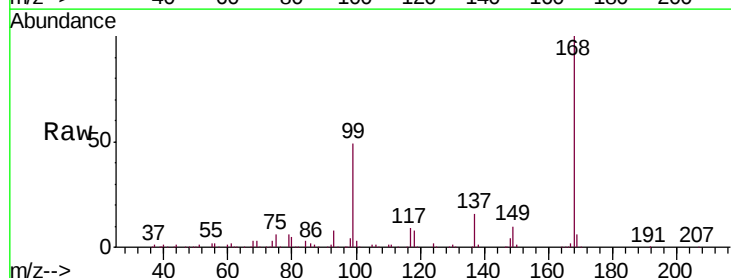


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

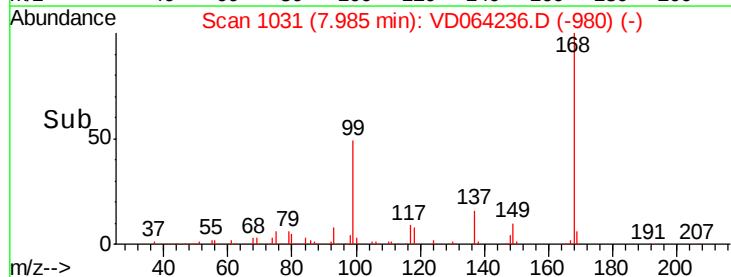
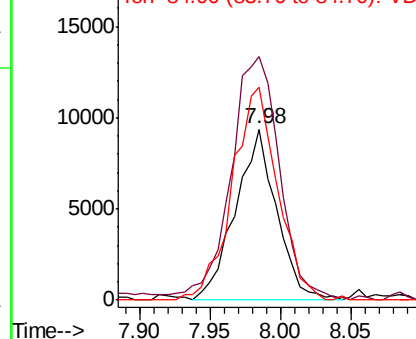


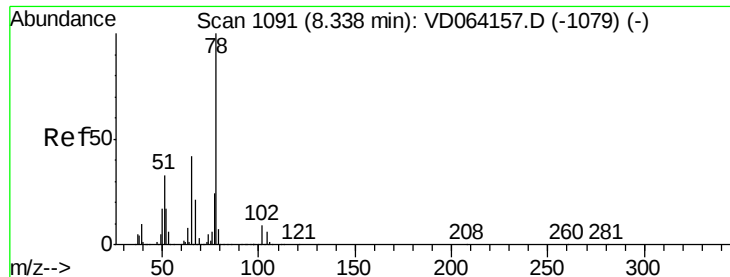
#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064236.D
Acq: 15 Nov 2019 19:25

Tgt Ion: 56 Resp: 19138
Ion Ratio Lower Upper
56 100
69 140.6 28.2 42.4#
84 122.1 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

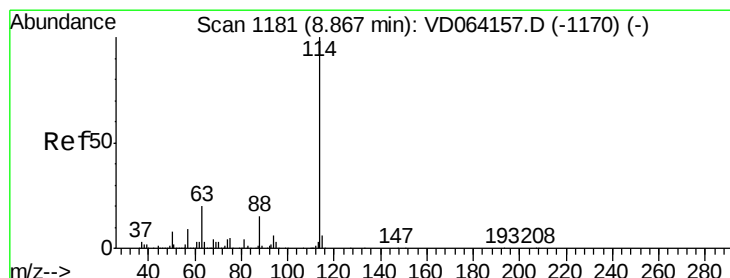
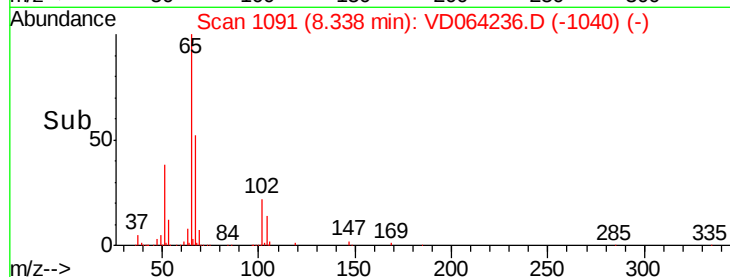
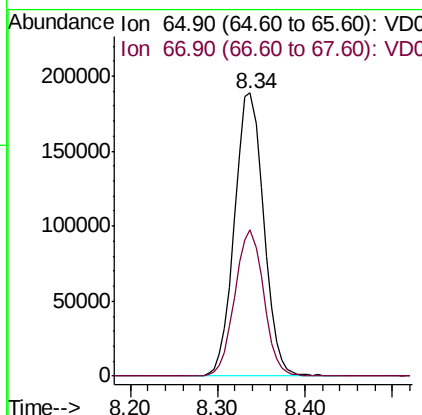
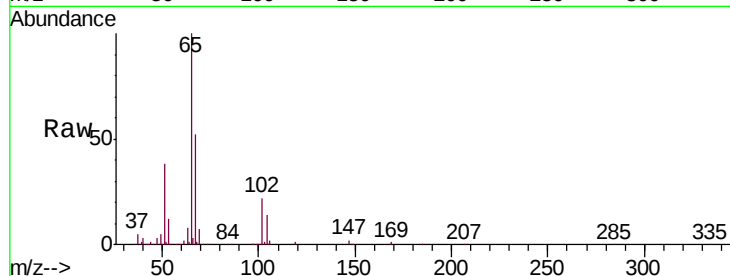




#33
 1,2-Dichloroethane-d4
 Concen: 51.480 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064236.D
 Acq: 15 Nov 2019 19:25

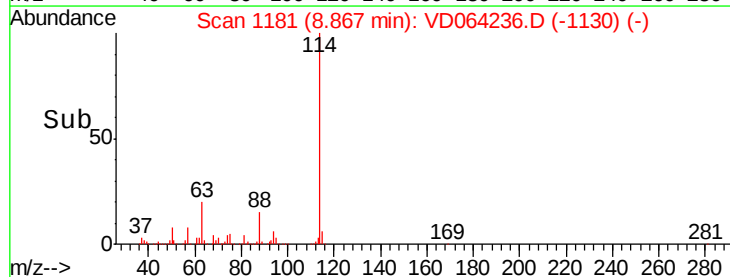
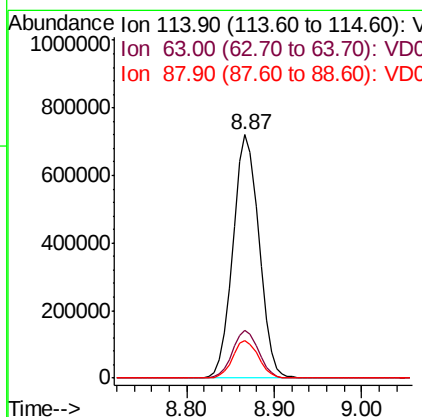
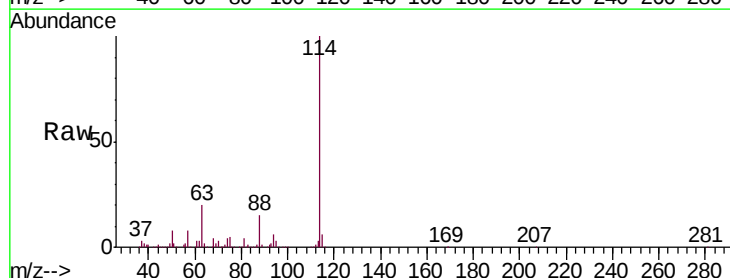
Instrument :
 MSVOA_D
 ClientSampleId :
 PHIPPS-BH-SW-01

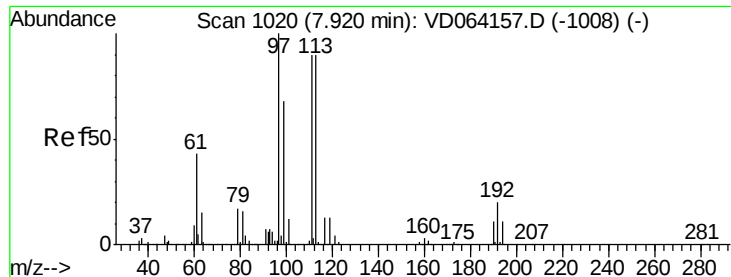
Tgt Ion: 65 Resp: 426615
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064236.D
 Acq: 15 Nov 2019 19:25

Tgt Ion: 114 Resp: 1449358
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.3 0.0 30.2

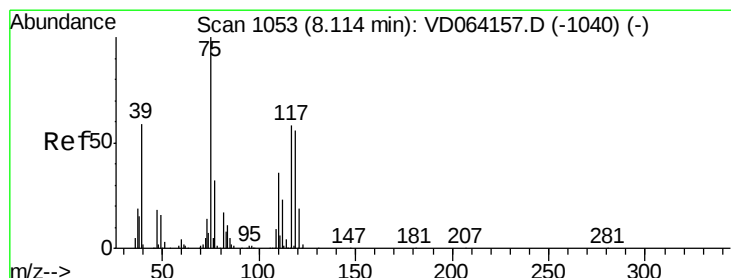
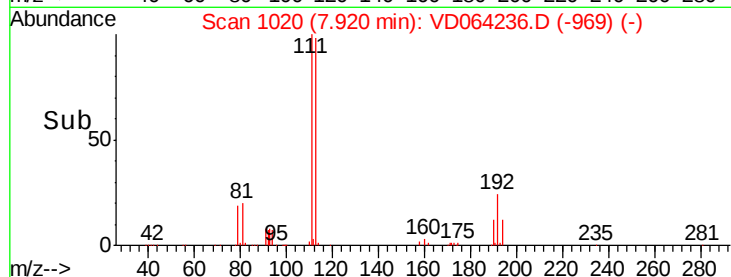
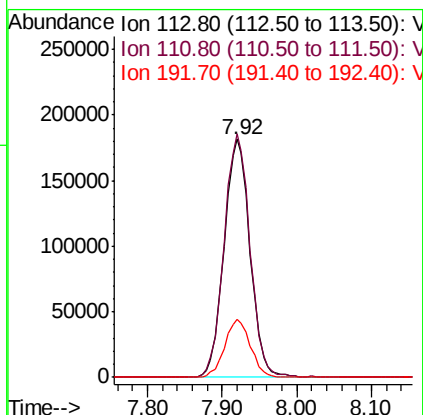
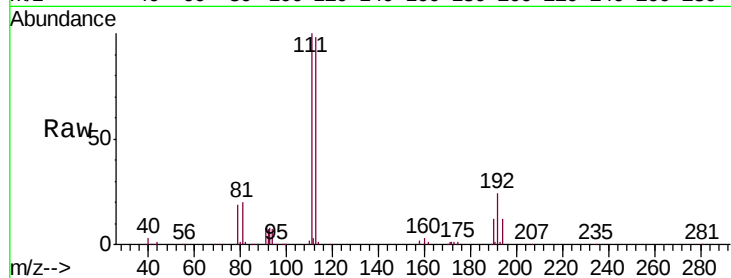




#35
Dibromofluoromethane
Concen: 52.770 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064236.D
Acq: 15 Nov 2019 19:25

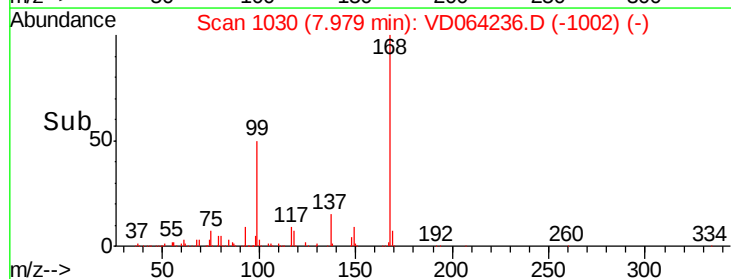
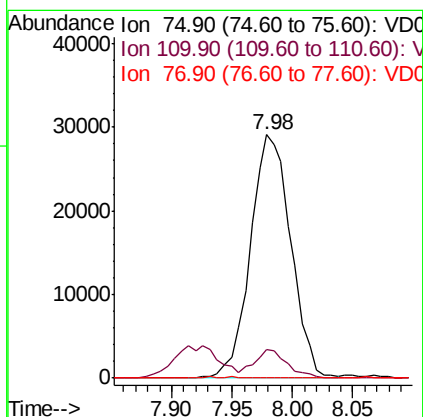
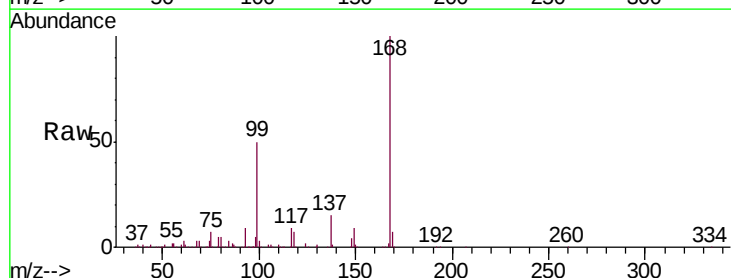
Instrument :
MSVOA_D
ClientSampleId :
PHIPPS-BH-SW-01

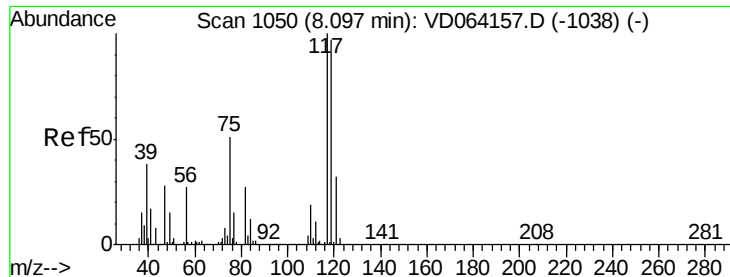
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	24.0	18.8	28.2



#36
1,1-Dichloropropene
Concen: 5.066 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD064236.D
Acq: 15 Nov 2019 19:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.3	54.9#
77	0.0	25.0	37.6#

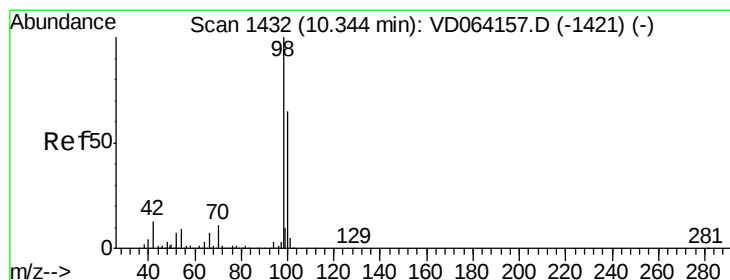
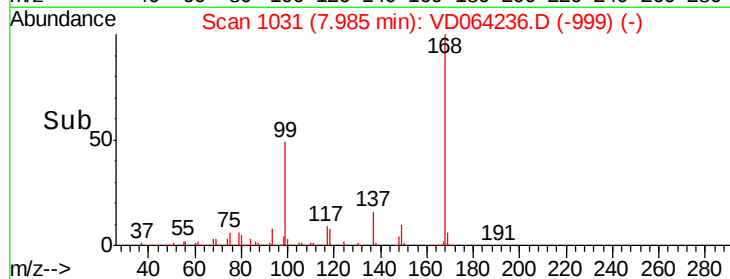
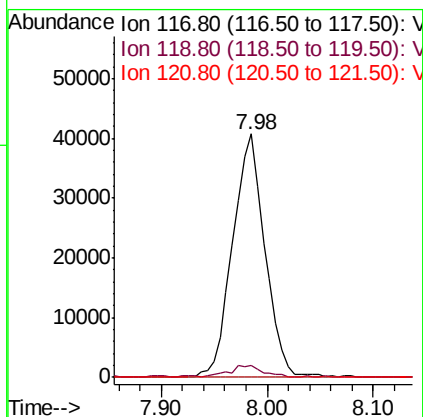
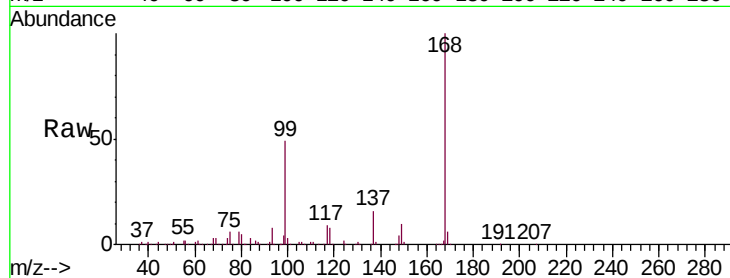




#38
Carbon Tetrachloride
Concen: 6.023 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064236.D
Acq: 15 Nov 2019 19:25

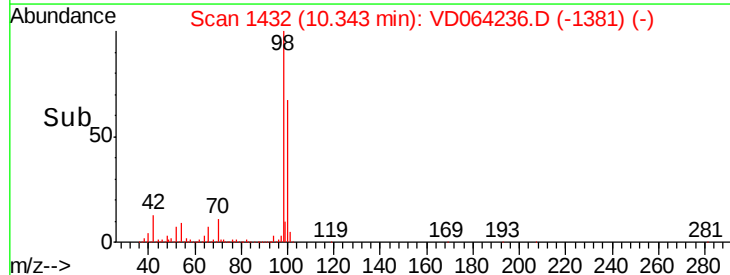
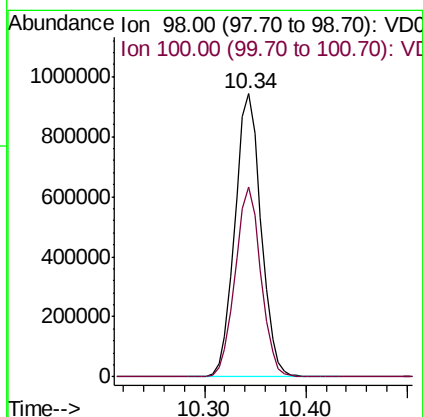
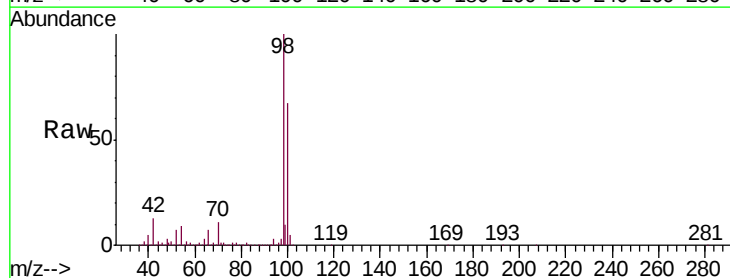
Instrument :
MSVOA_D
ClientSampleId :
PHIPPS-BH-SW-01

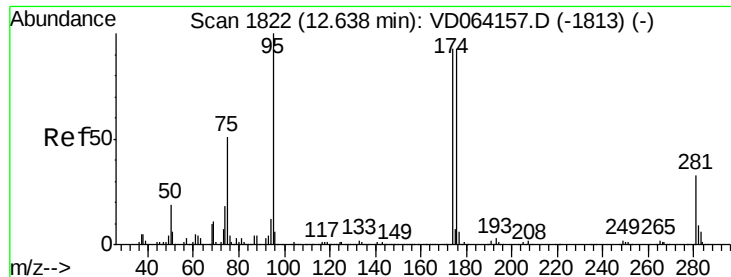
Tgt Ion:117 Resp: 86214
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 53.854 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064236.D
Acq: 15 Nov 2019 19:25

Tgt Ion: 98 Resp: 1690202
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

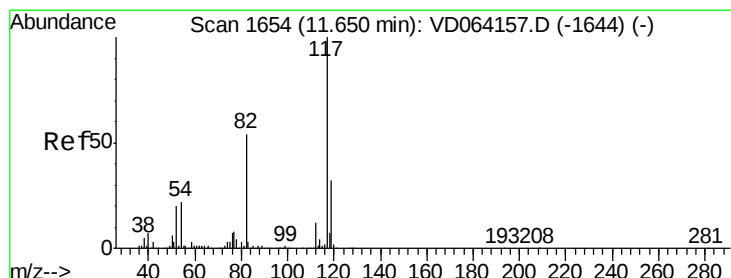
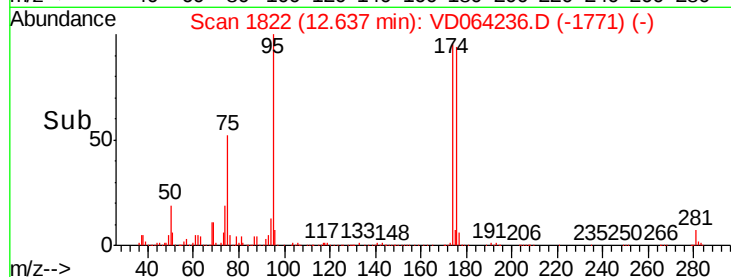
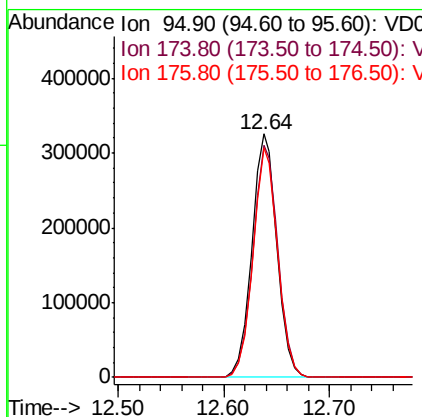
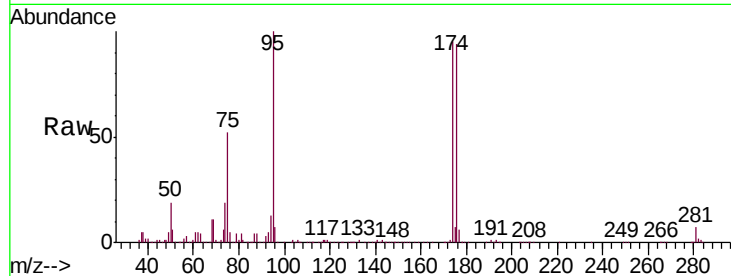




#62
4-Bromofluorobenzene
Concen: 49.351 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064236.D
Acq: 15 Nov 2019 19:25

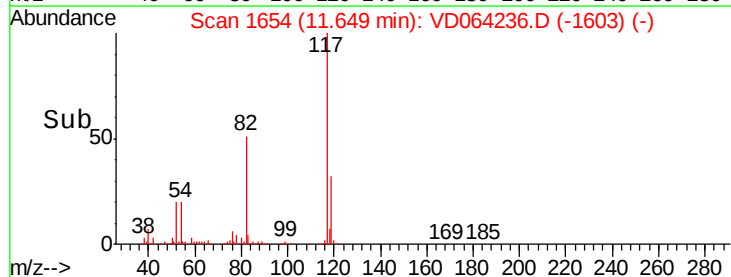
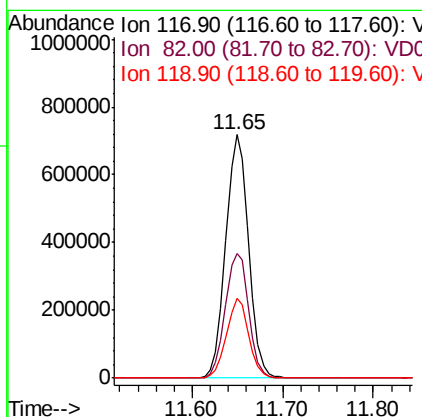
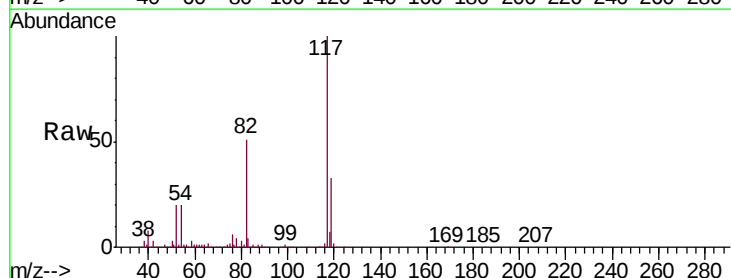
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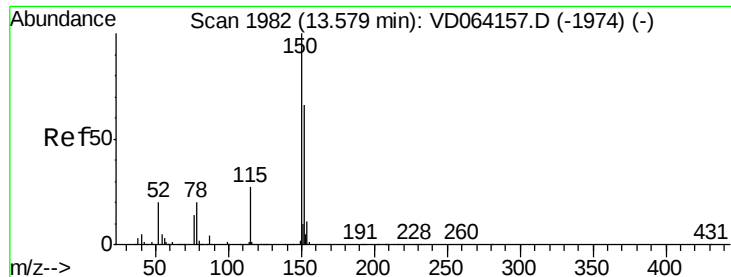
Tgt Ion: 95 Resp: 536389
Ion Ratio Lower Upper
95 100
174 95.6 0.0 183.6
176 93.2 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064236.D
Acq: 15 Nov 2019 19:25

Tgt Ion: 117 Resp: 1252858
Ion Ratio Lower Upper
117 100
82 51.4 42.8 64.2
119 32.6 25.6 38.4



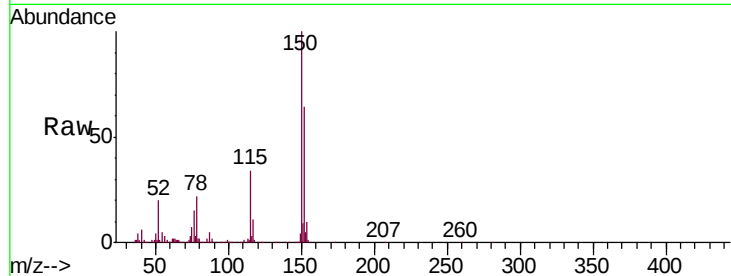


#72

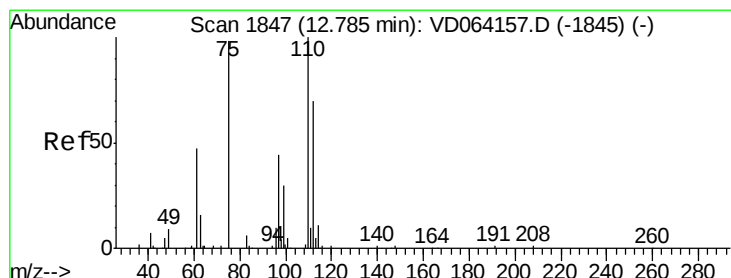
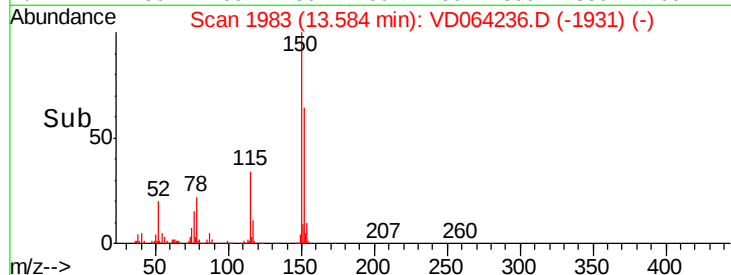
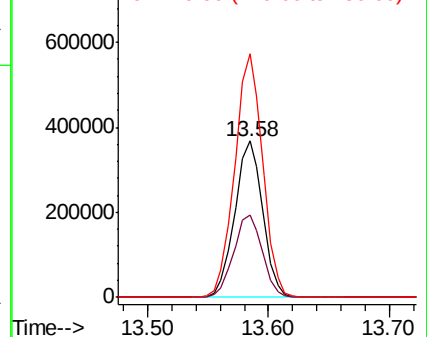
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064236.D
Acq: 15 Nov 2019 19:25

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Tgt Ion: 152 Resp: 591691
Ion Ratio Lower Upper
152 100
115 54.3 27.4 82.2
150 156.0 0.0 351.6



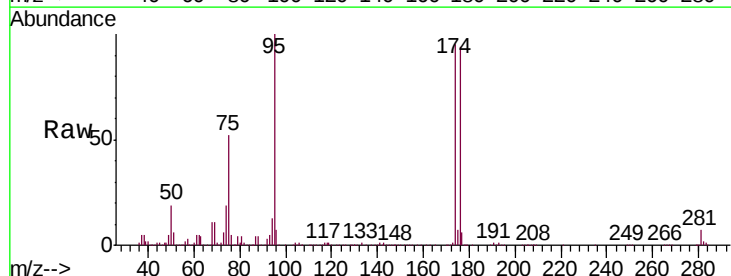
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



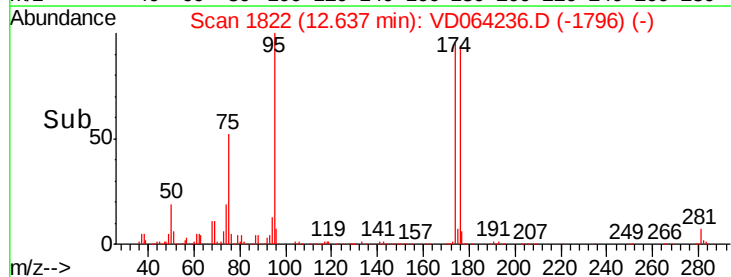
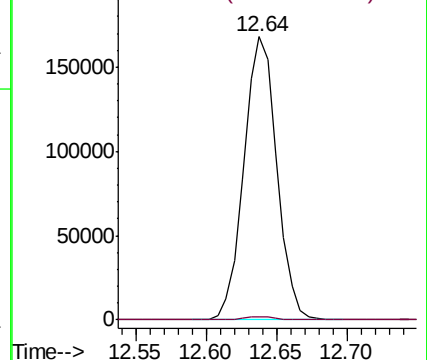
#76

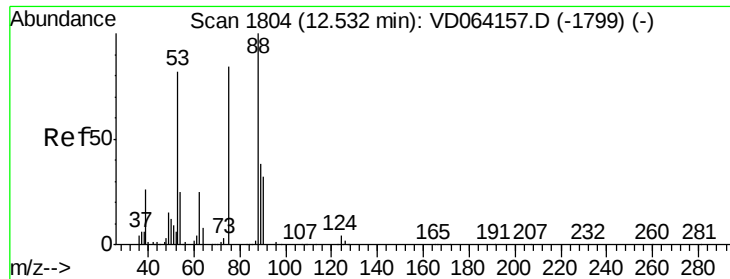
1,2,3-Trichloropropane
Concen: 57.600 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064236.D
Acq: 15 Nov 2019 19:25

Tgt Ion: 75 Resp: 274517
Ion Ratio Lower Upper
75 100
77 1.2 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: 114.417 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064236.D

Acq: 15 Nov 2019 19:25

Instrument :

MSVOA_D

ClientSampleId :

PHIPPS-BH-SW-01

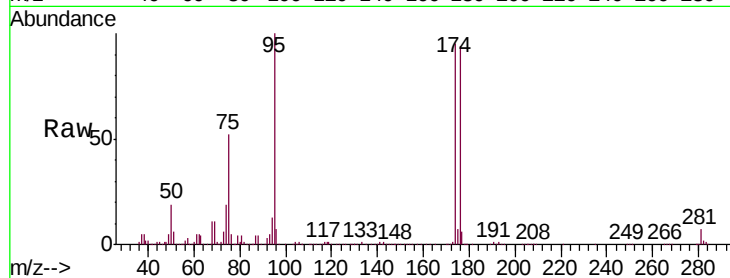
Tgt Ion: 75 Resp: 274517

Ion Ratio Lower Upper

75 100

53 0.1 79.4 119.0#

89 0.2 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

