

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064263.D
 Acq On : 18 Nov 2019 14:33
 Operator : VA/SY
 Sample : K5669-01
 Misc : 7.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:37:47 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

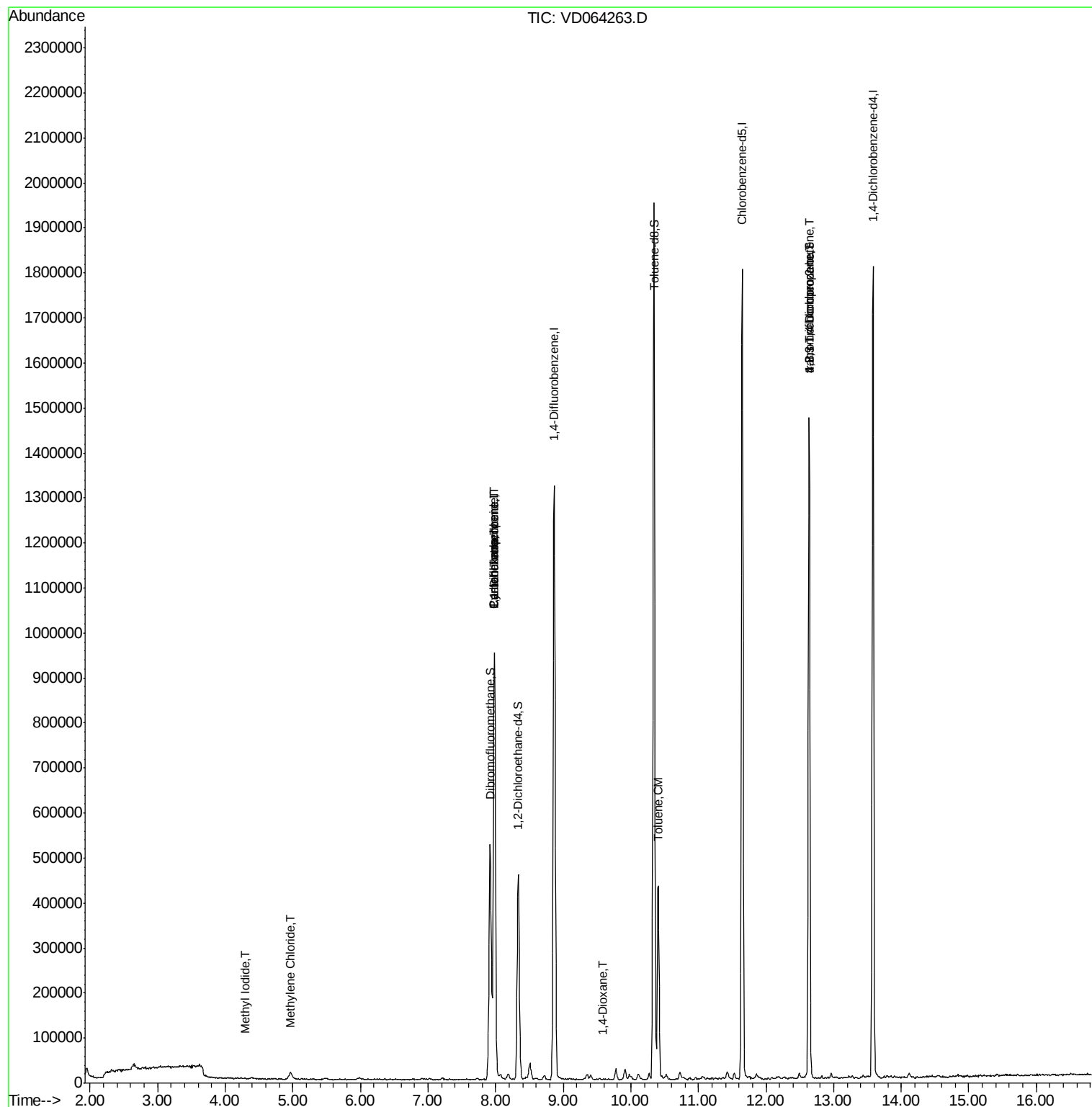
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	780314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1161720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1029626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	501135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	366579	57.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.24%	
35) Dibromofluoromethane	7.91	113	360290	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
50) Toluene-d8	10.34	98	1345381	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.64	95	447726	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	619	2.107	ug/l #	52
20) Methylene Chloride	4.96	84	10113	1.317	ug/l #	91
31) Cyclohexane	7.97	56	15992	1.270	ug/l #	28
36) 1,1-Dichloropropene	7.98	75	51434	4.797	ug/l #	50
38) Carbon Tetrachloride	7.98	117	70440	6.140	ug/l #	15
49) 1,4-Dioxane	9.58	88	56	1.221	ug/l #	1
52) Toluene	10.41	92	185262	9.615	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	232378	57.569	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	232378	114.355	ug/l #	10

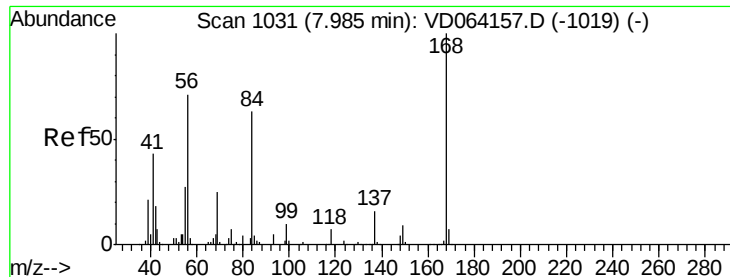
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111819\
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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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064263.D

Acq: 18 Nov 2019 14:33

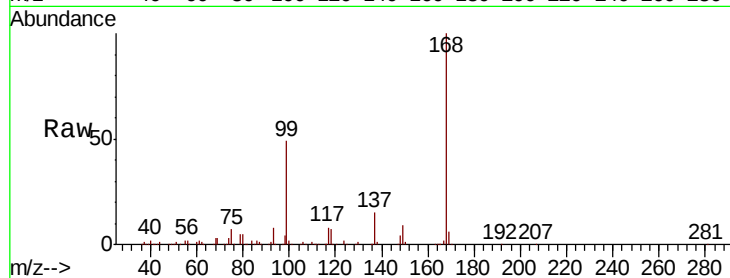
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 780314

Ion Ratio Lower Upper

168 100

99 48.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.99

400000

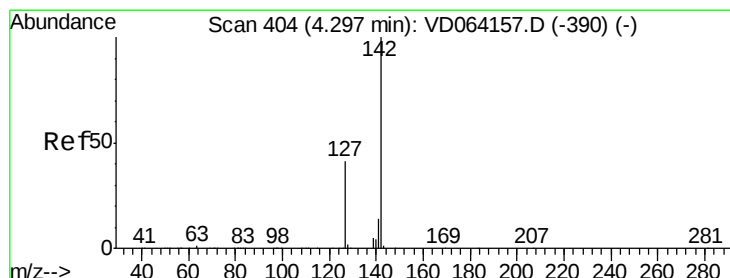
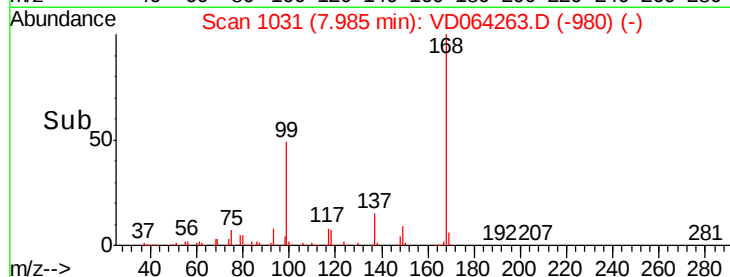
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.107 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064263.D

Acq: 18 Nov 2019 14:33

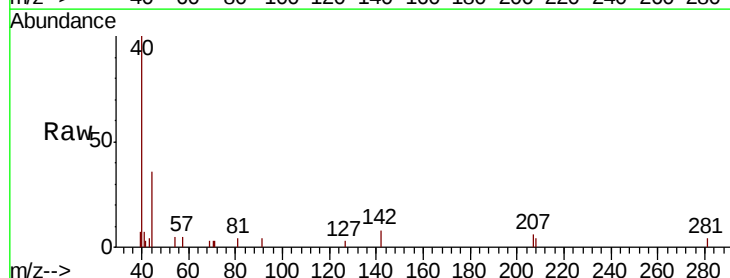
Tgt Ion:142 Resp: 619

Ion Ratio Lower Upper

142 100

127 9.4 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

4.30

500

400

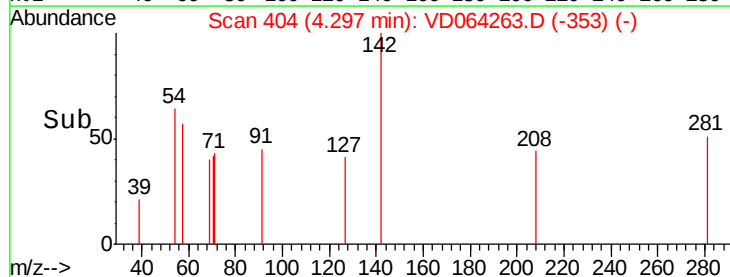
300

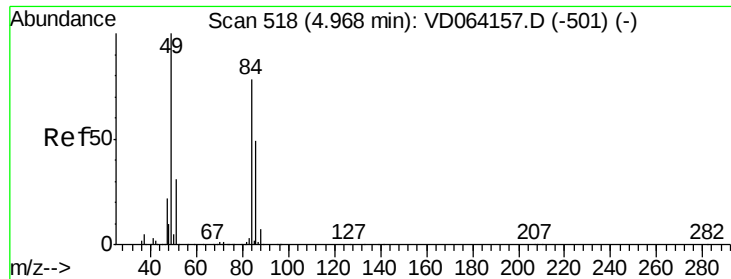
200

100

0

Time-->

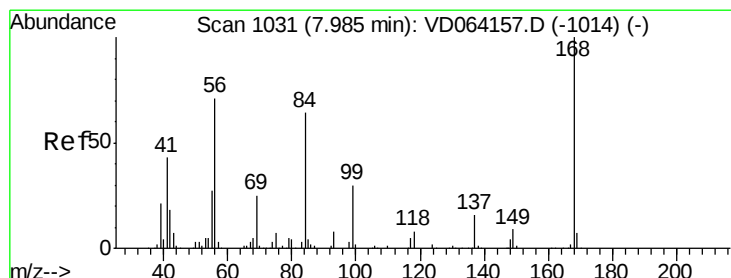
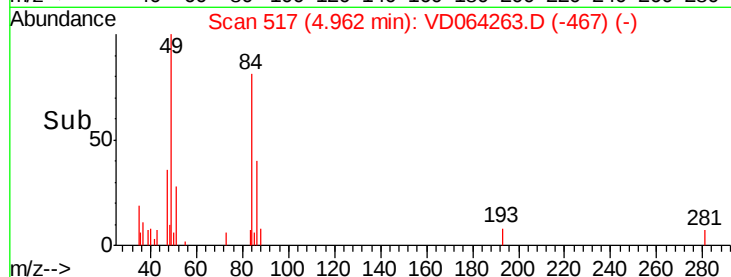
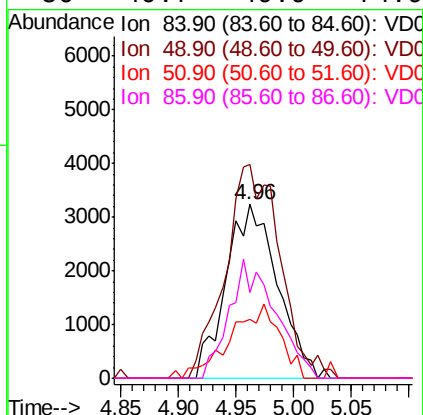
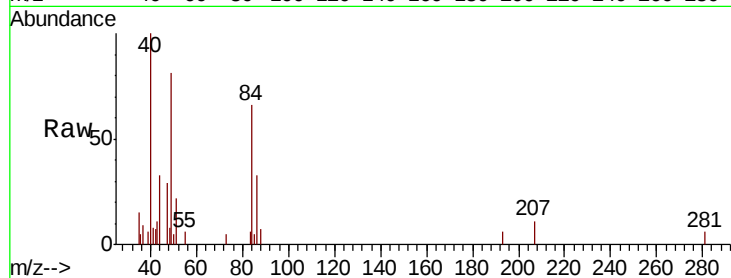




#20
Methvlene Chloride
Concen: 1.317 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064263.D
Acq: 18 Nov 2019 14:33

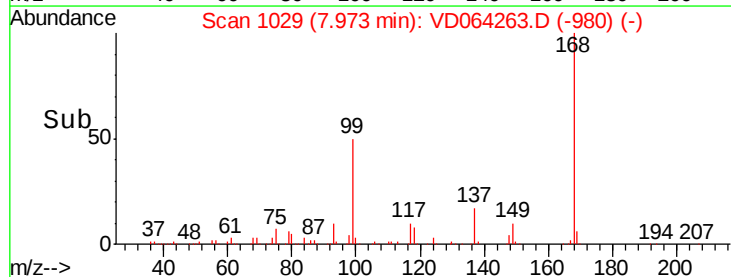
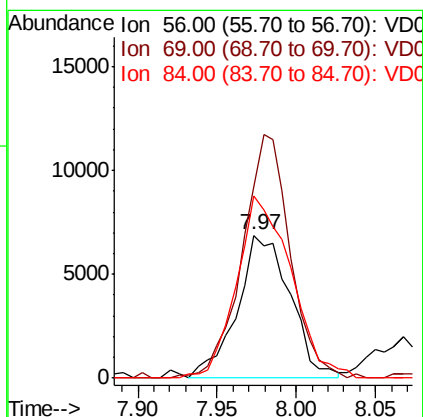
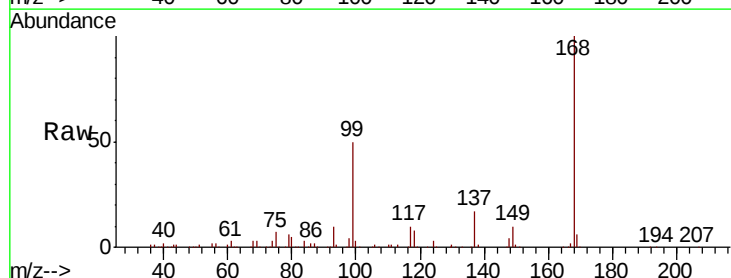
Instrument :
MSVOA_D
ClientSampleId :

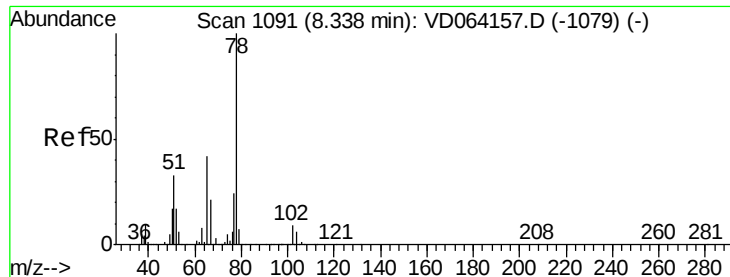
Tot Ion: 84 Resp: 10113
Ion Ratio Lower Upper
84 100
49 122.8 102.1 153.1
51 34.0 32.2 48.2
86 49.7 49.9 74.9#



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD064263.D
Acq: 18 Nov 2019 14:33

Tgt Ion: 56 Resp: 15992
Ion Ratio Lower Upper
56 100
69 129.8 28.2 42.4#
84 124.1 71.8 107.6#

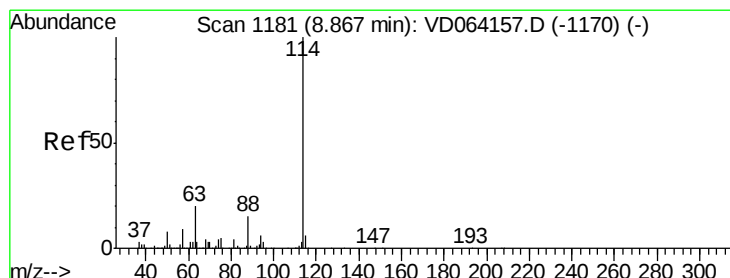
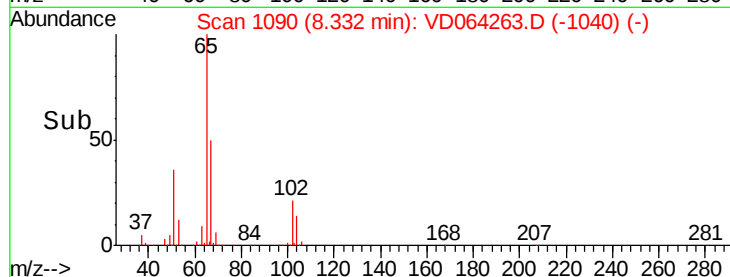
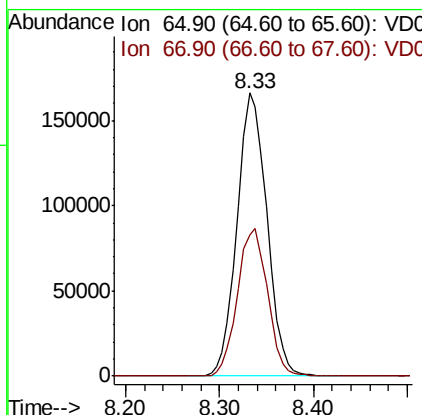
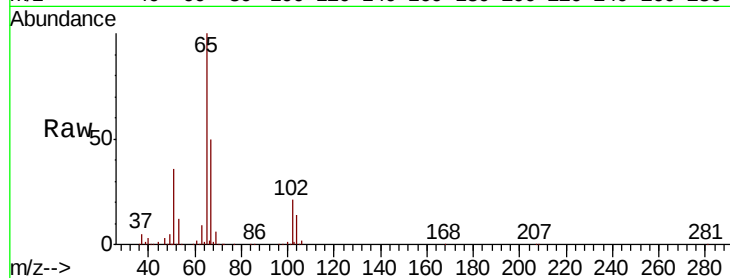




#33
 1,2-Dichloroethane-d4
 Concen: 57.121 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064263.D
 Acq: 18 Nov 2019 14:33

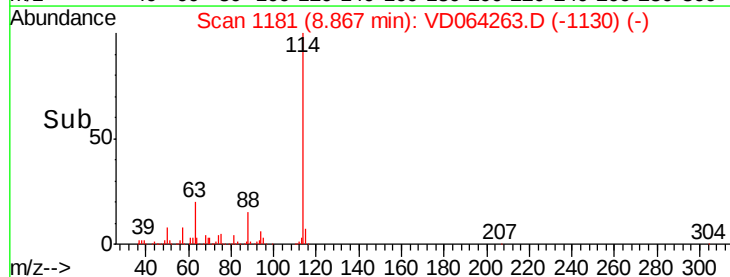
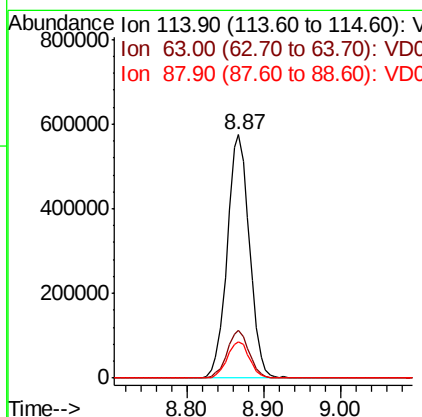
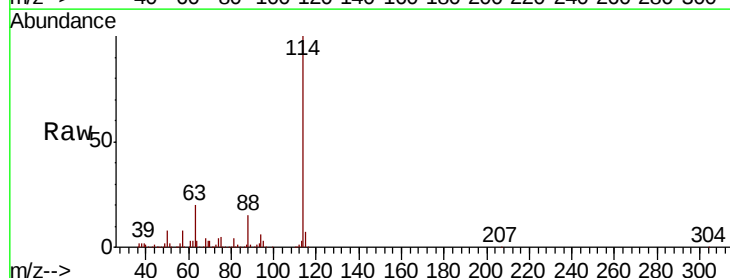
Instrument :
 MSVOA_D
 ClientSampled :

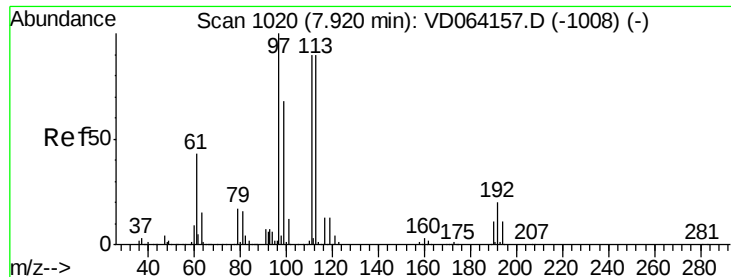
Tot Ion: 65 Resp: 366579
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064263.D
 Acq: 18 Nov 2019 14:33

Tgt Ion: 114 Resp: 1161720
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.0 0.0 30.2

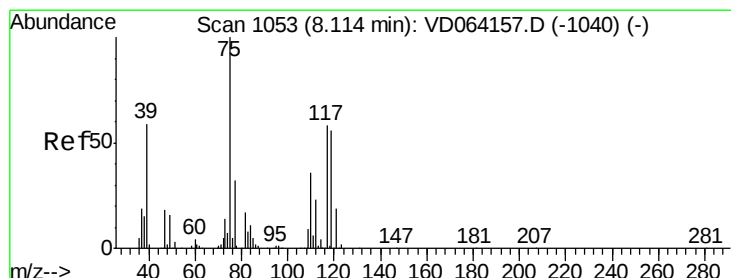
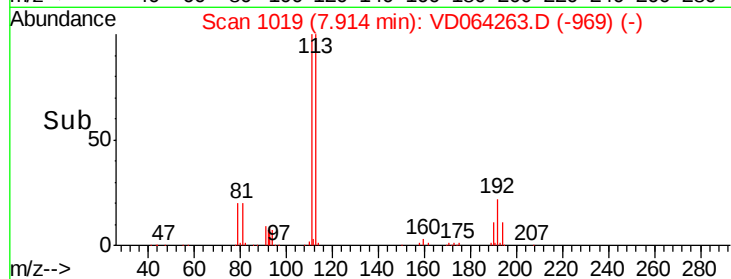
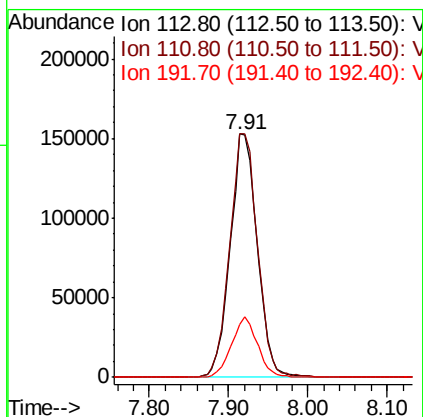
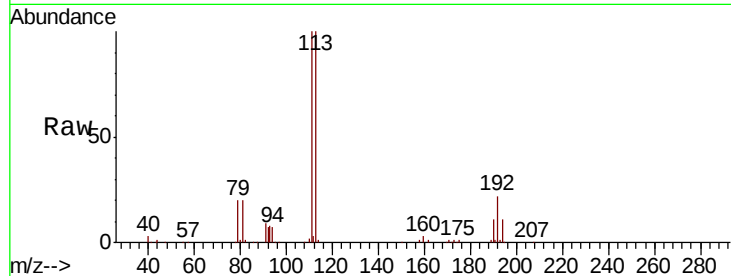




#35
 Dibromofluoromethane
 Concen: 54.029 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064263.D
 Acq: 18 Nov 2019 14:33

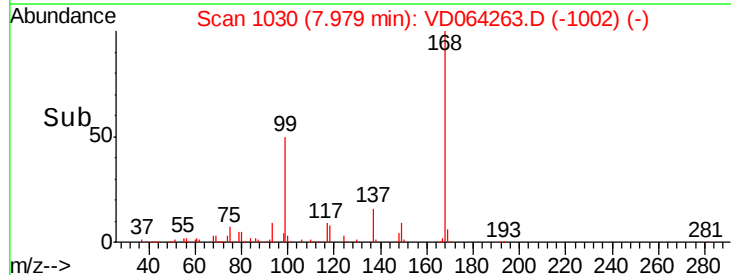
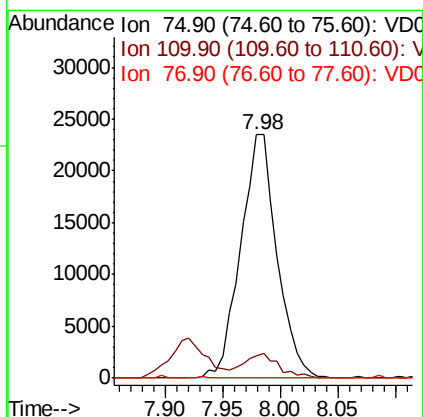
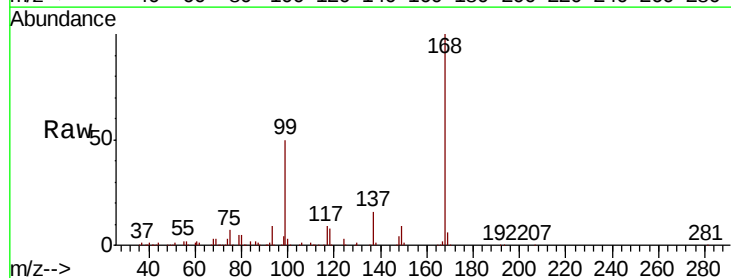
Instrument :
 MSVOA_D
 ClientSampleId :

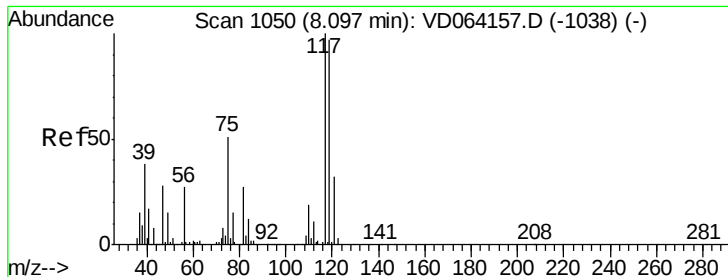
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	23.7	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.797 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064263.D
 Acq: 18 Nov 2019 14:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.3	54.9#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.140 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064263.D

Acq: 18 Nov 2019 14:33

Instrument :

MSVOA_D

ClientSampleId :

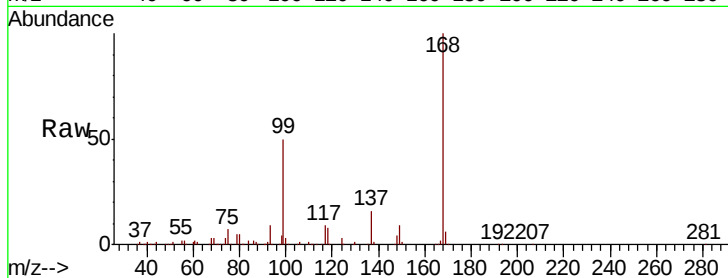
Tot Ion:117 Resp: 70440

Ion Ratio Lower Upper

117 100

119 4.6 77.2 115.8#

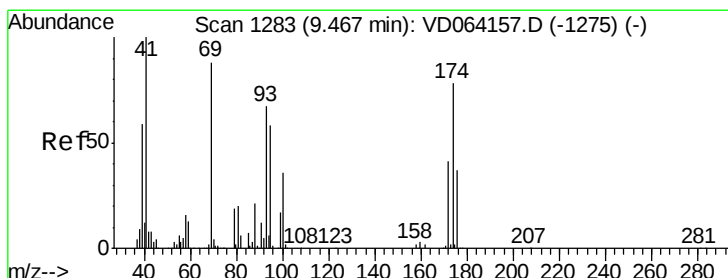
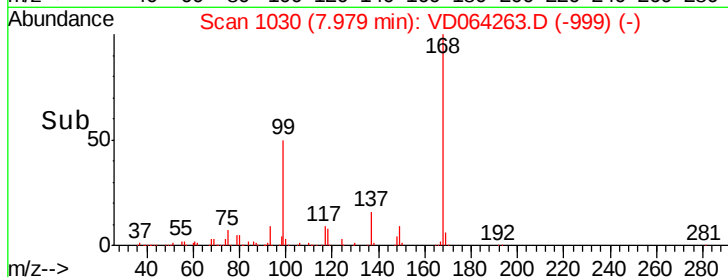
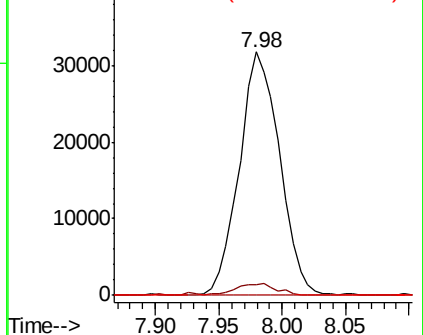
121 0.0 25.5 38.3#



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



#49

1,4-Dioxane

Concen: 1.221 ug/l

RT: 9.58 min Scan# 1303

Delta R.T. 0.12 min

Lab File: VD064263.D

Acq: 18 Nov 2019 14:33

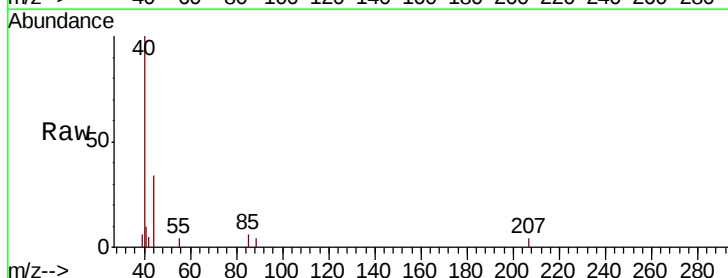
Tgt Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

43 642.9 29.8 44.8#

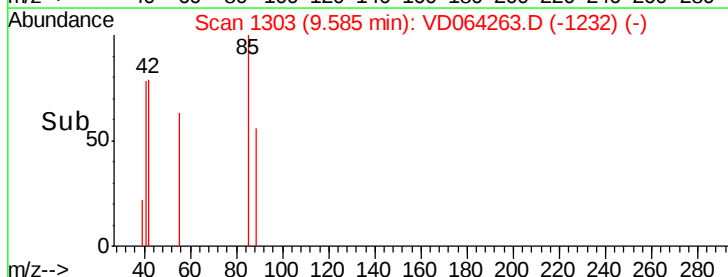
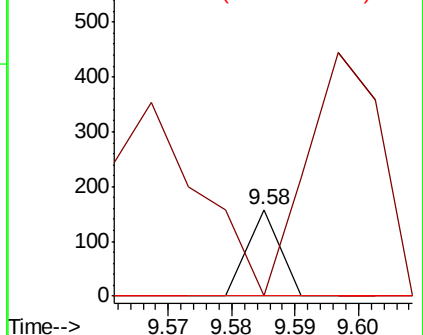
58 0.0 58.1 87.1#

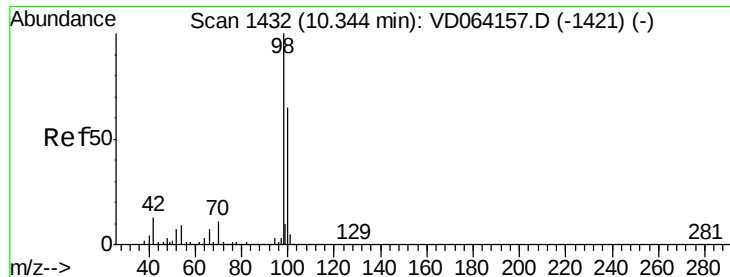


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

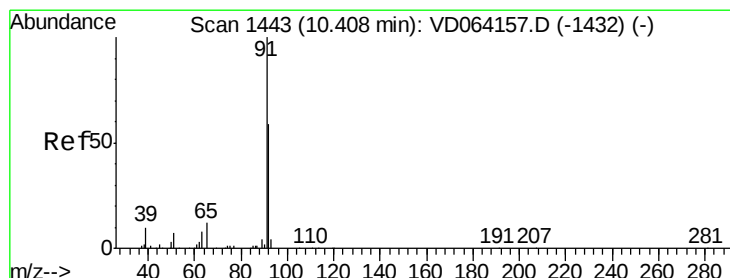
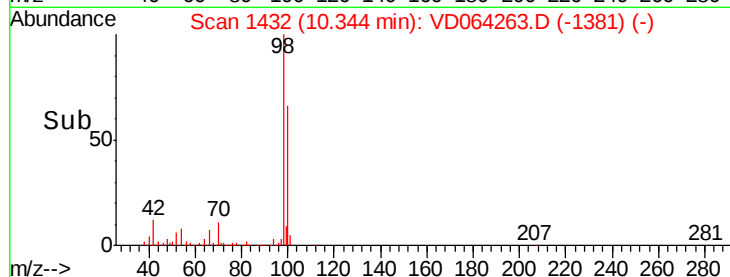
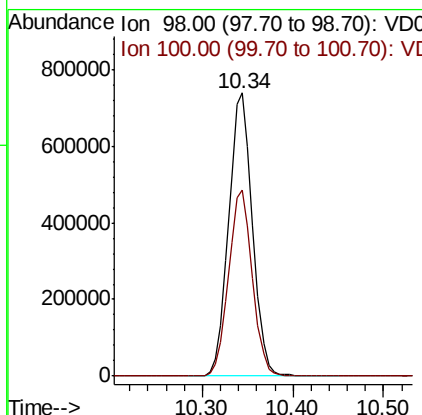
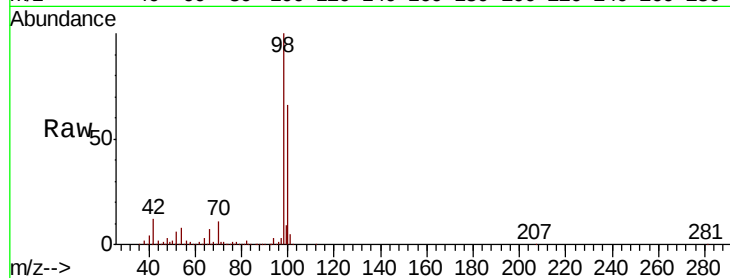




#50
Toluene-d8
Concen: 53.481 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064263.D
Acq: 18 Nov 2019 14:33

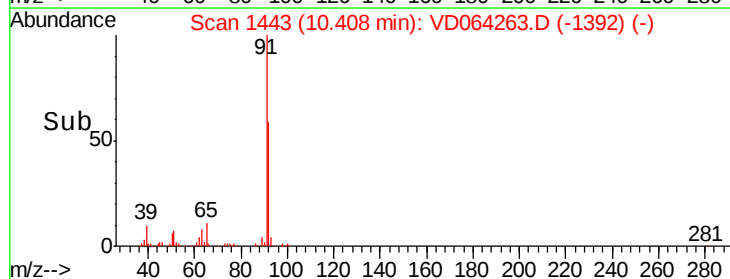
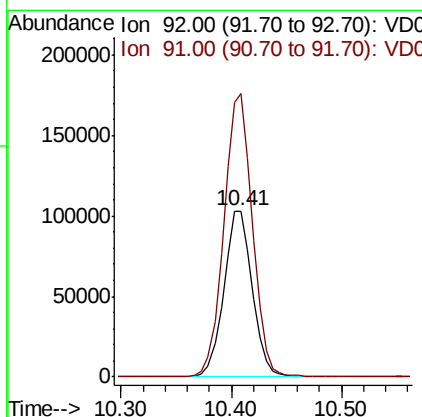
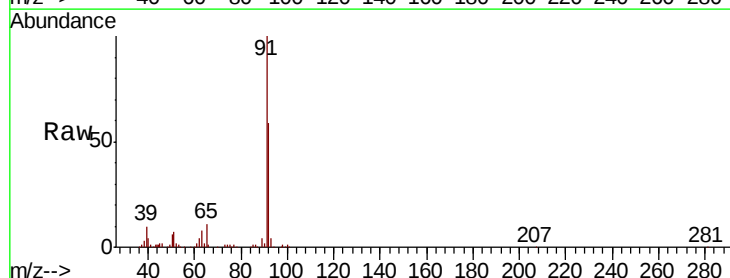
Instrument :
MSVOA_D
ClientSampled :

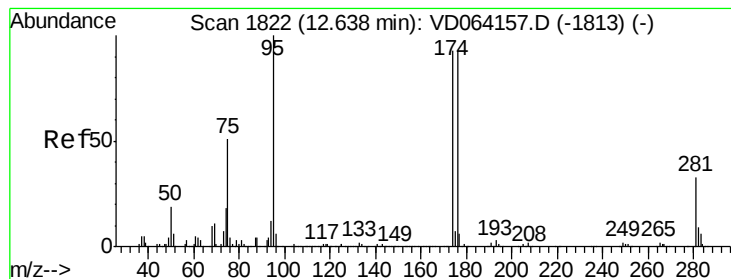
Tot Ion: 98 Resp: 1345381
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#52
Toluene
Concen: 9.615 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD064263.D
Acq: 18 Nov 2019 14:33

Tgt Ion: 92 Resp: 185262
Ion Ratio Lower Upper
92 100
91 171.3 136.4 204.6





#62

4-Bromofluorobenzene

Concen: 51.393 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064263.D

Acq: 18 Nov 2019 14:33

Instrument :

MSVOA_D

ClientSampleId :

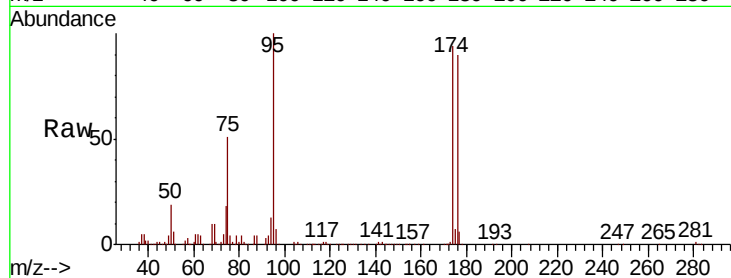
Tot Ion: 95 Resp: 447726

Ion Ratio Lower Upper

95 100

174 96.8 0.0 183.6

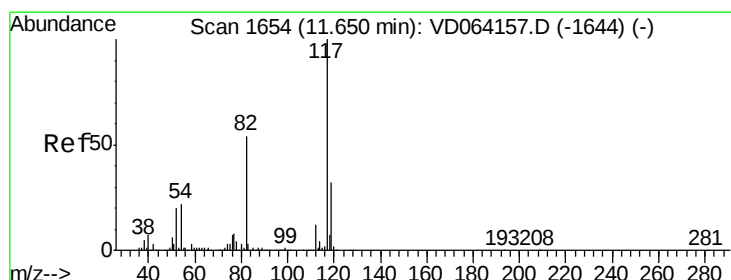
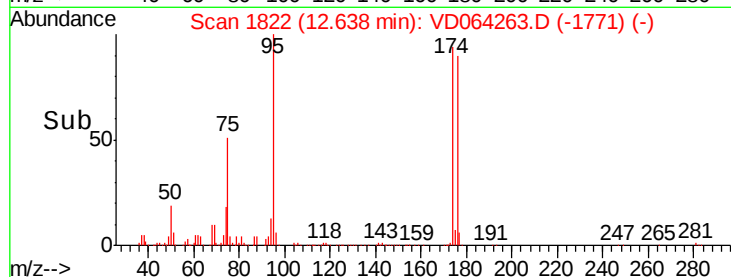
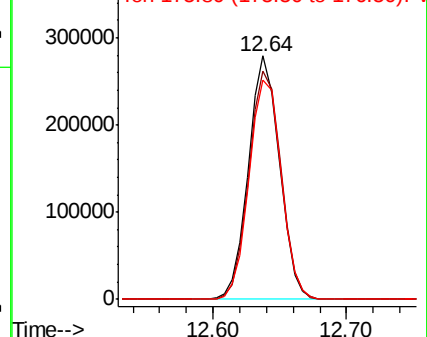
176 93.7 0.0 180.2



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: VD064263.D

Acq: 18 Nov 2019 14:33

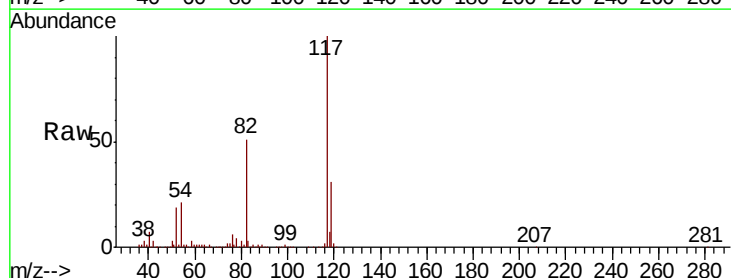
Tgt Ion: 117 Resp: 1029626

Ion Ratio Lower Upper

117 100

82 50.7 42.8 64.2

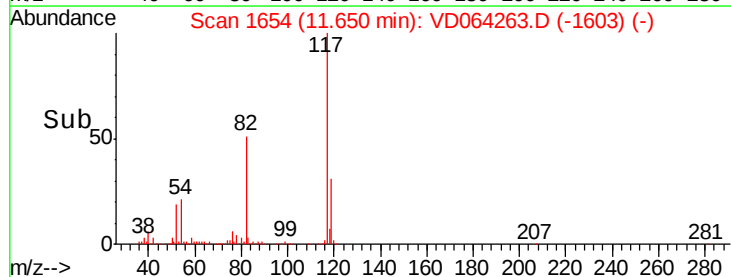
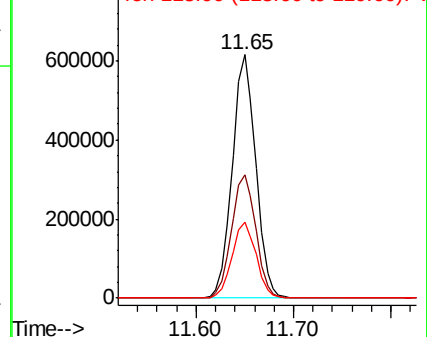
119 31.3 25.6 38.4

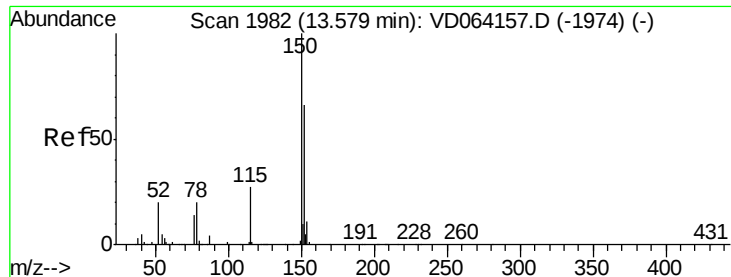


Abundance Ion 116.90 (116.60 to 117.60): V

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. 0.01 min

Lab File: VD064263.D

Acq: 18 Nov 2019 14:33

Instrument :

MSVOA_D

ClientSampleId :

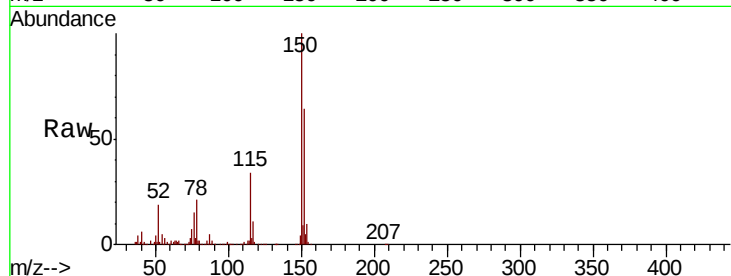
Tot Ion:152 Resp: 501135

Ion Ratio Lower Upper

152 100

115 54.3 27.4 82.2

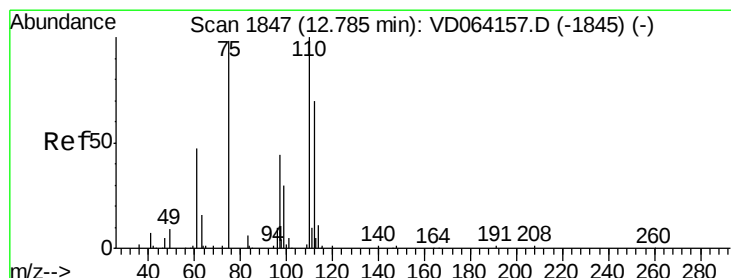
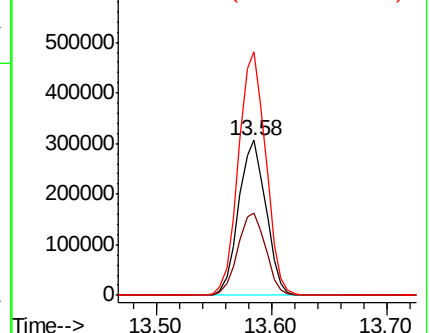
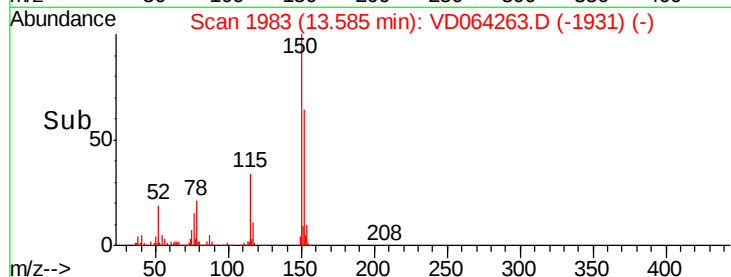
150 157.0 0.0 351.6



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: 57.569 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064263.D

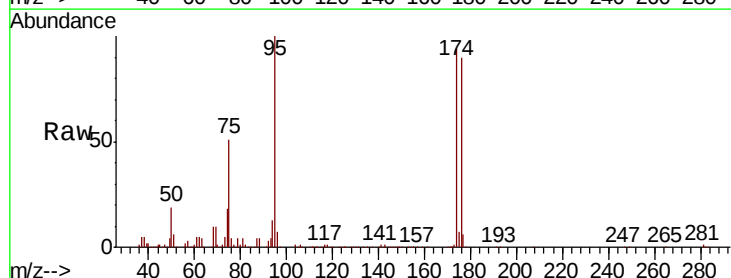
Acq: 18 Nov 2019 14:33

Tgt Ion: 75 Resp: 232378

Ion Ratio Lower Upper

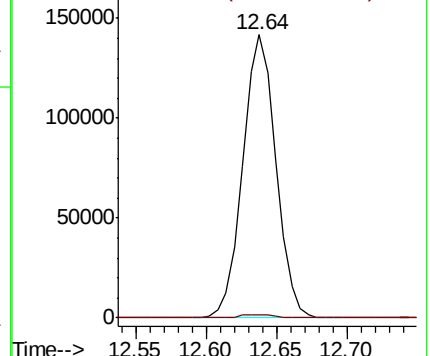
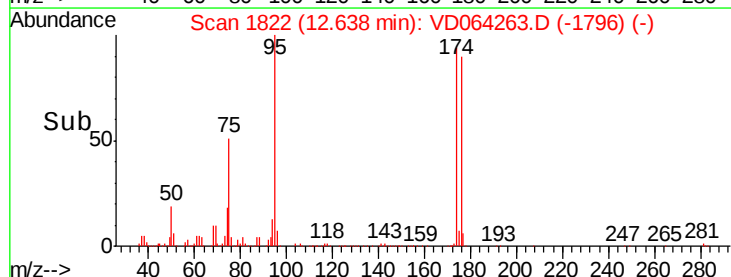
75 100

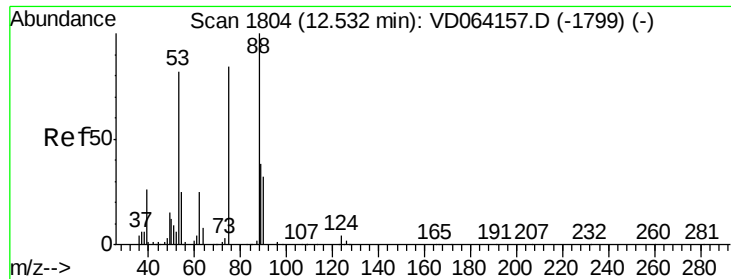
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 114.355 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064263.D

Acq: 18 Nov 2019 14:33

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 232378

Ion Ratio Lower Upper

75 100

53 0.1 79.4 119.0#

89 0.0 36.6 55.0#

