

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063771.D
 Acq On : 23 Aug 2019 17:28
 Operator : JC/SY
 Sample : K4491-03RE
 Misc : 5.47g/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-1-VNRE

Quant Time: Aug 26 11:35:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

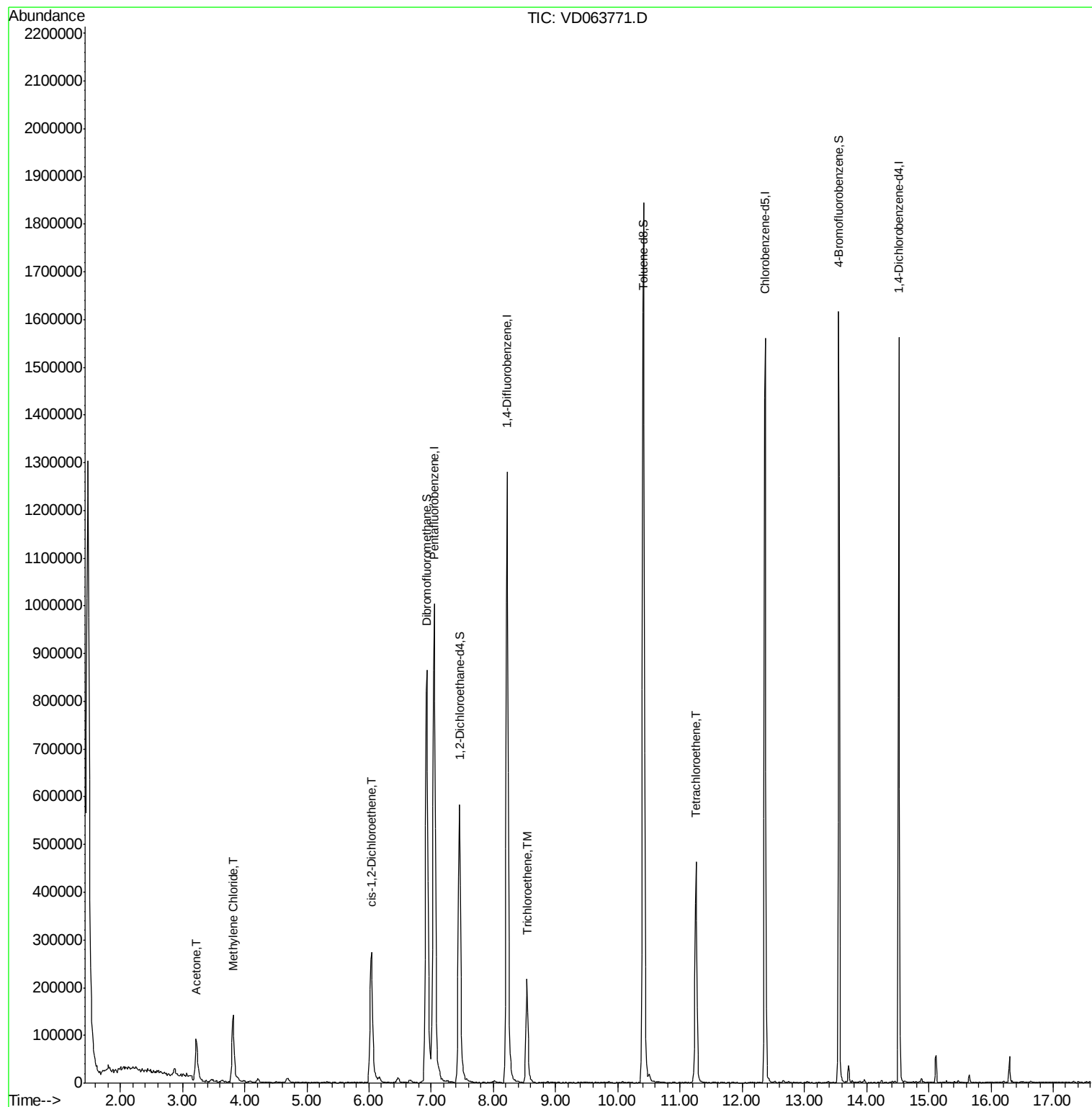
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	976254	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1376958	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	895174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	314287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	676697	64.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	129.70%	
35) Dibromofluoromethane	6.93	113	789167	68.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.10%	
50) Toluene-d8	10.41	98	1526678	59.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.76%	
62) 4-Bromofluorobenzene	13.55	95	451205	39.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.10%	
Target Compounds						
16) Acetone	3.22	43	180649	85.159	ug/l	94
20) Methylene Chloride	3.82	84	82281	8.970	ug/l #	77
27) cis-1,2-Dichloroethene	6.04	96	182818	20.129	ug/l	95
44) Trichloroethene	8.54	130	93644	9.146	ug/l	97
64) Tetrachloroethene	11.26	164	129437	18.730	ug/l	96

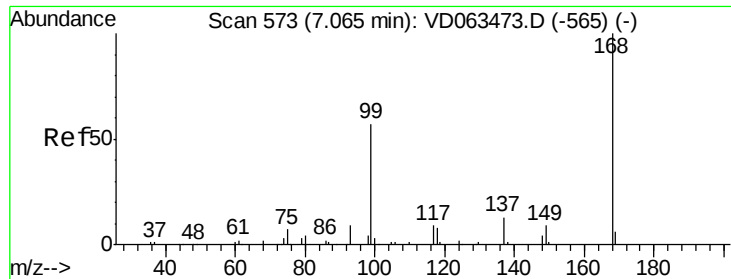
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082319\
Data File : VD063771.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063771.D

Acq: 23 Aug 2019 17:28

Instrument :

MSVOA_D

ClientSampleId :

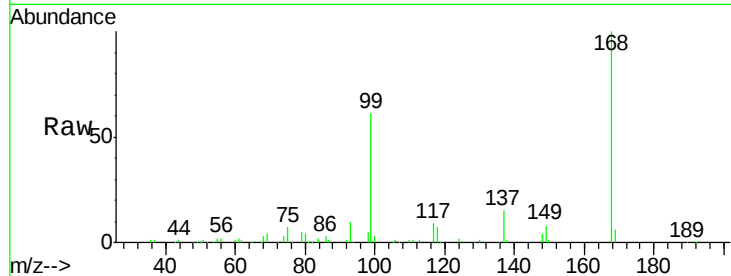
TS-1-VNRE

Tot Ion:168 Resp: 976254

Ion Ratio Lower Upper

168 100

99 60.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

300000

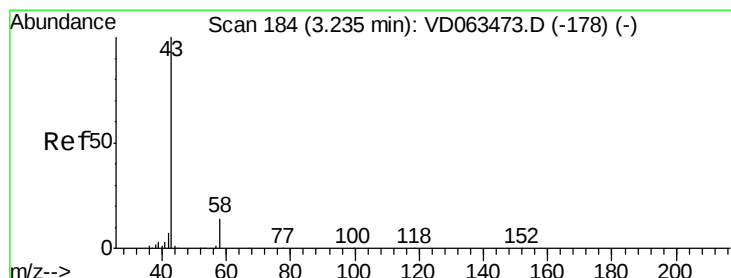
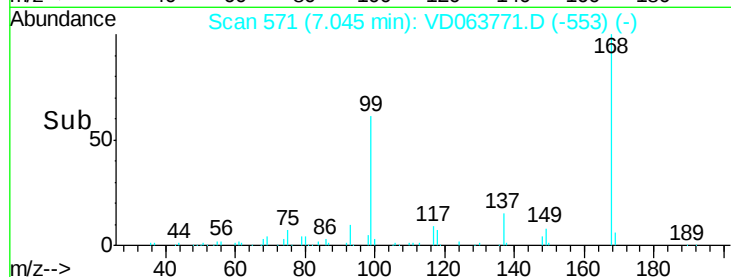
200000

100000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 85.159 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063771.D

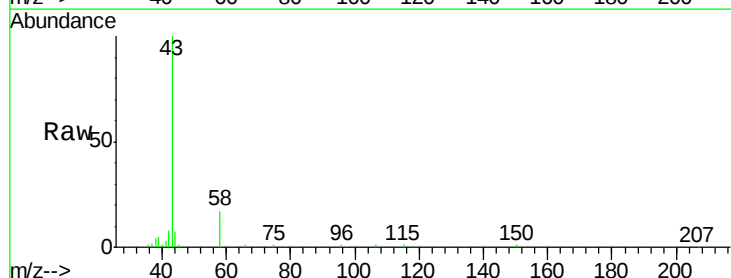
Acq: 23 Aug 2019 17:28

Tgt Ion: 43 Resp: 180649

Ion Ratio Lower Upper

43 100

58 17.0 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

60000

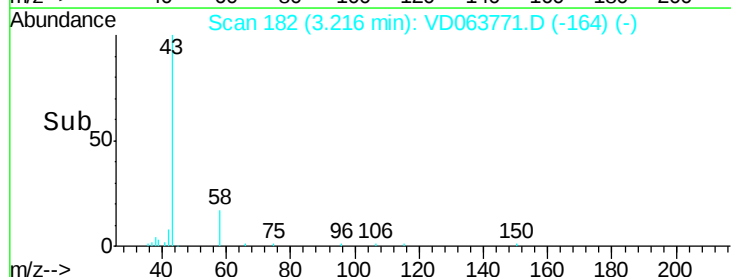
40000

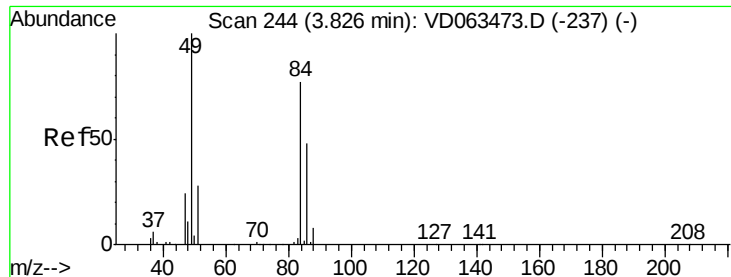
20000

0

3.10 3.20 3.30 3.40

Time-->

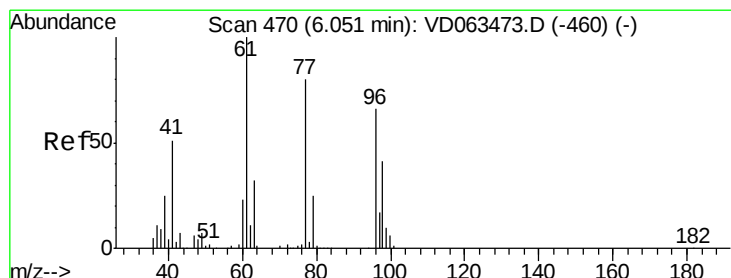
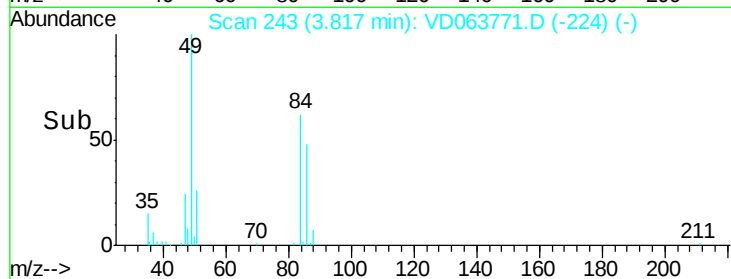
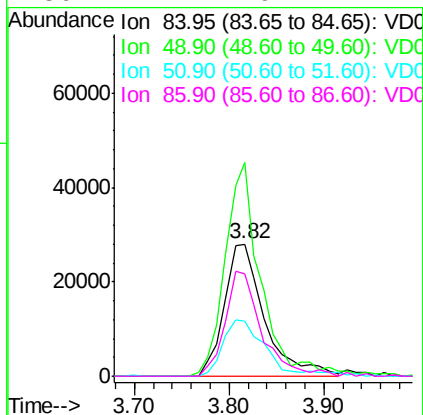
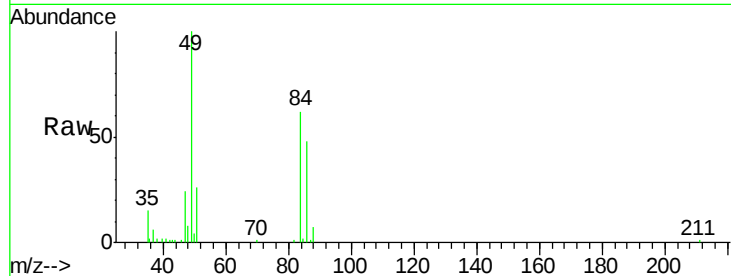




#20
Methylene Chloride
Concen: 8.970 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063771.D
Acq: 23 Aug 2019 17:28

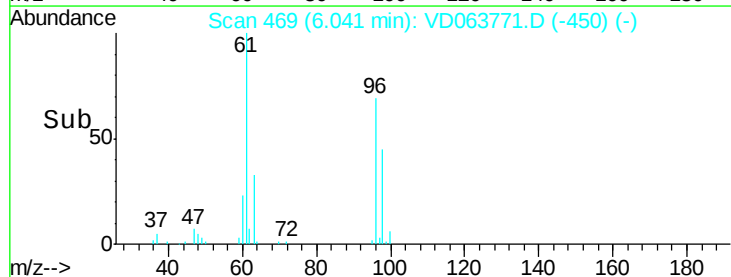
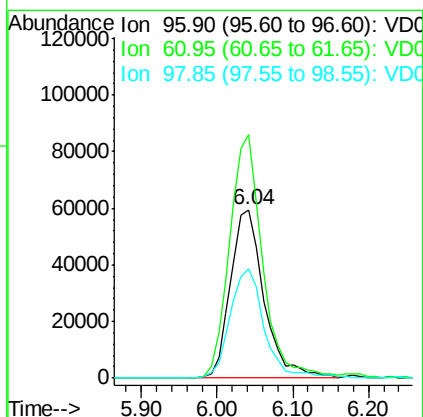
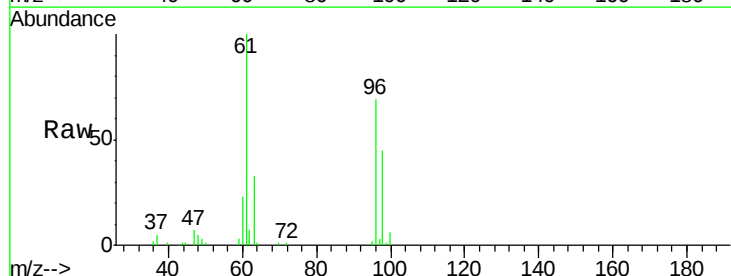
Instrument :
MSVOA_D
ClientSampleId :
TS-1-VNRE

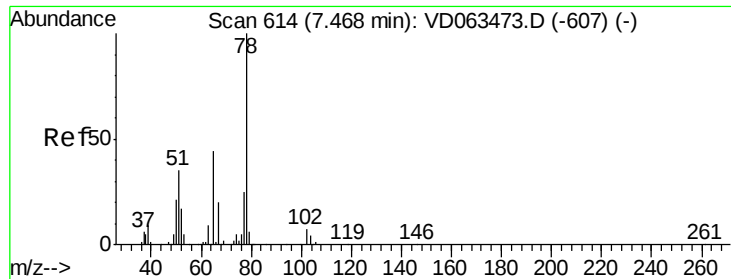
Tot Ion: 84 Resp: 82281
Ion Ratio Lower Upper
84 100
49 161.2 103.4 155.2#
51 41.6 28.5 42.7
86 77.7 49.4 74.2#



#27
cis-1,2-Dichloroethene
Concen: 20.129 ug/l
RT: 6.04 min Scan# 469
Delta R.T. -0.01 min
Lab File: VD063771.D
Acq: 23 Aug 2019 17:28

Tgt Ion: 96 Resp: 182818
Ion Ratio Lower Upper
96 100
61 144.5 0.0 304.0
98 65.1 0.0 124.8

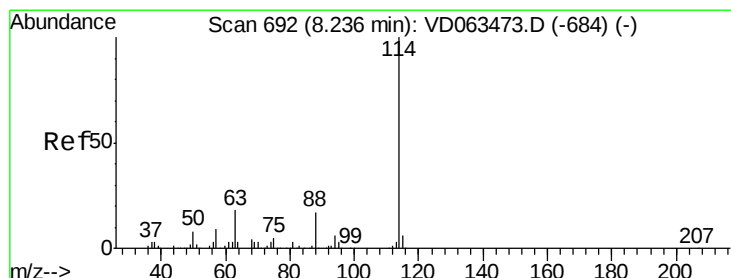
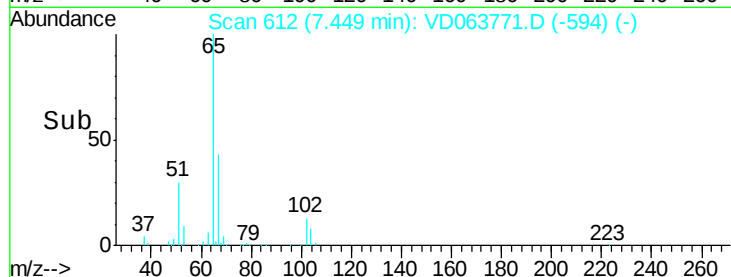
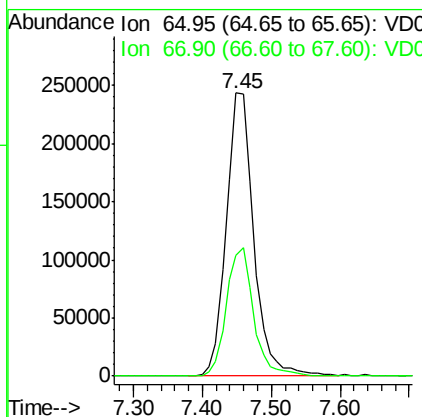
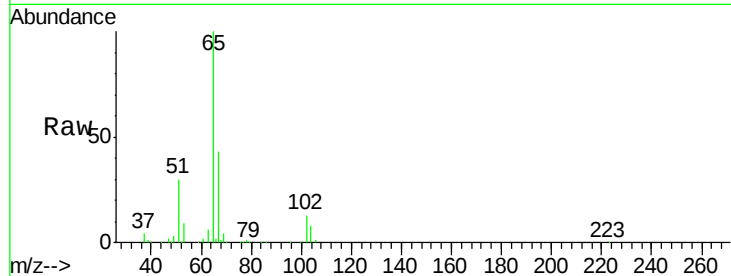




#33
 1,2-Dichloroethane-d4
 Concen: 64.846 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063771.D
 Acq: 23 Aug 2019 17:28

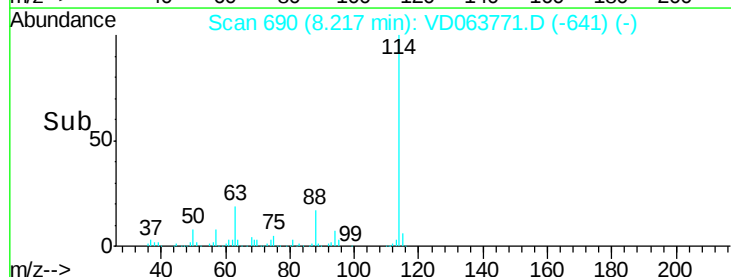
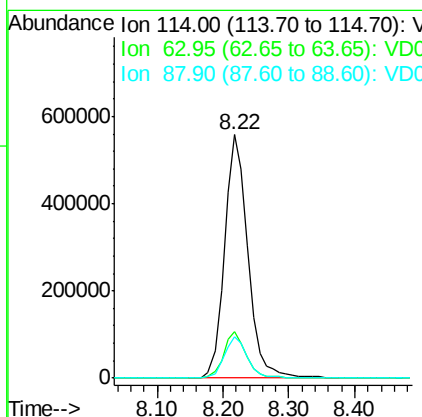
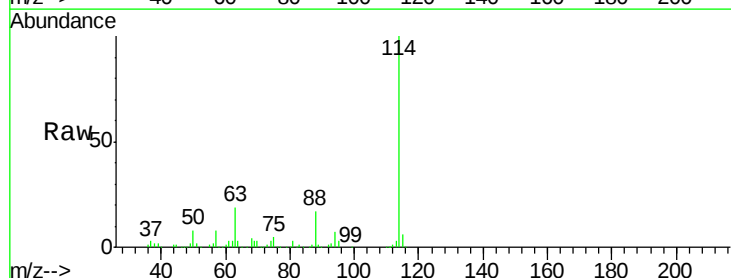
Instrument :
 MSVOA_D
 ClientSampled :
 TS-1-VNRE

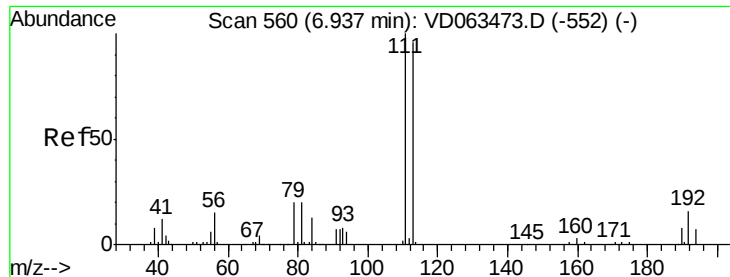
Tot Ion: 65 Resp: 676697
 Ion Ratio Lower Upper
 65 100
 67 42.8 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063771.D
 Acq: 23 Aug 2019 17:28

Tgt Ion: 114 Resp: 1376958
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.2
 88 16.8 0.0 35.0





#35

Dibromofluoromethane

Concen: 68.050 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063771.D

Acq: 23 Aug 2019 17:28

Instrument :

MSVOA_D

ClientSampleId :

TS-1-VNRE

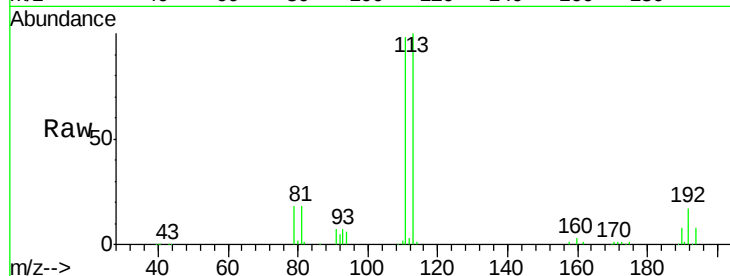
Tot Ion:113 Resp: 789167

Ion Ratio Lower Upper

113 100

111 98.1 83.1 124.7

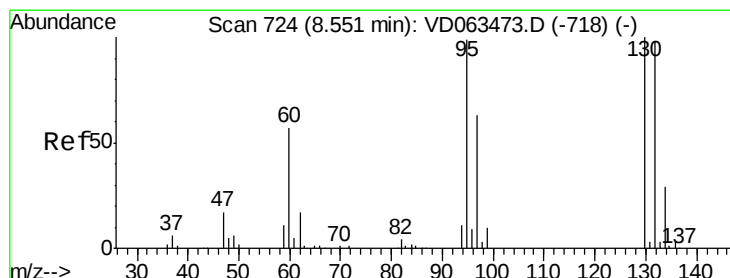
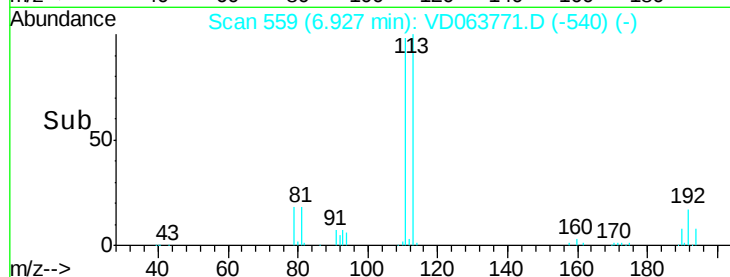
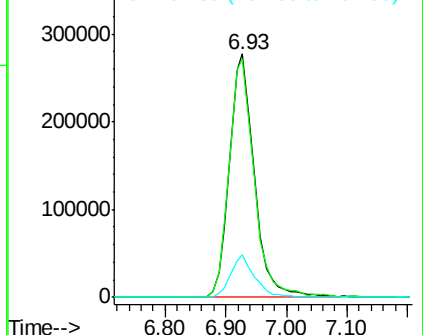
192 17.5 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#44

Trichloroethene

Concen: 9.146 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: VD063771.D

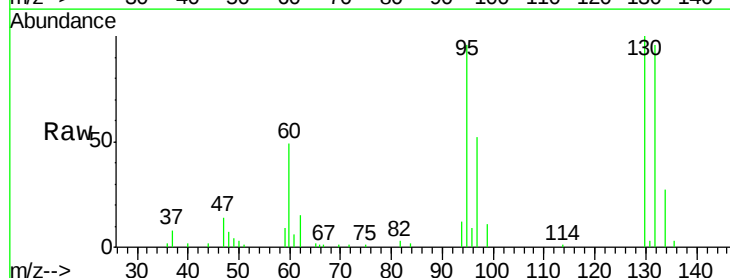
Acq: 23 Aug 2019 17:28

Tgt Ion:130 Resp: 93644

Ion Ratio Lower Upper

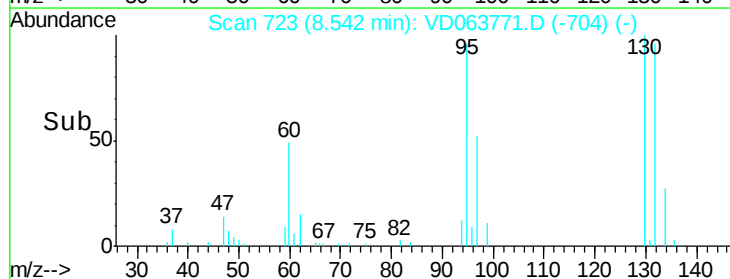
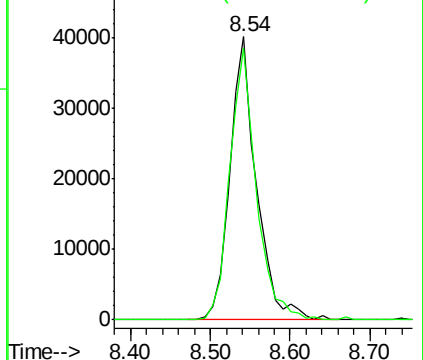
130 100

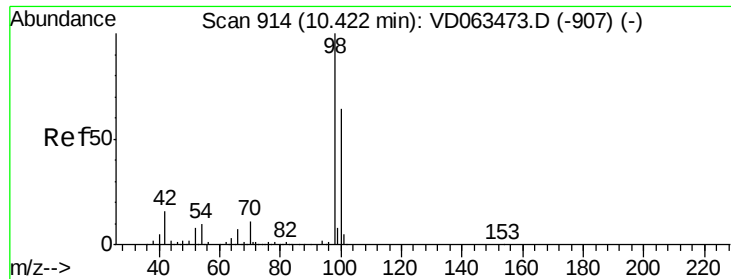
95 96.1 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

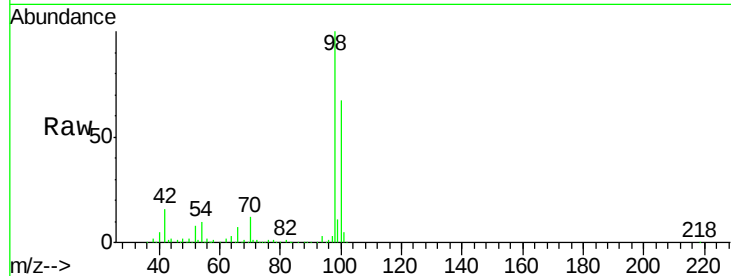




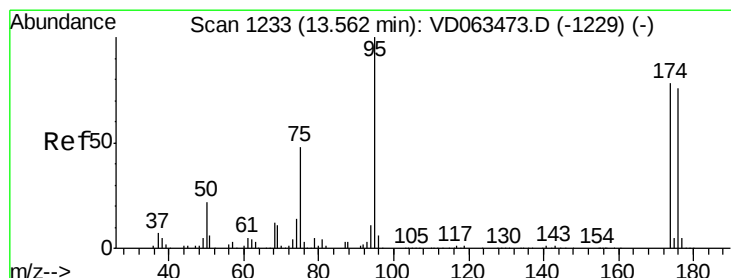
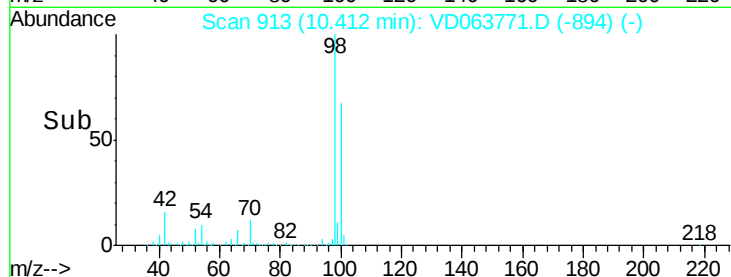
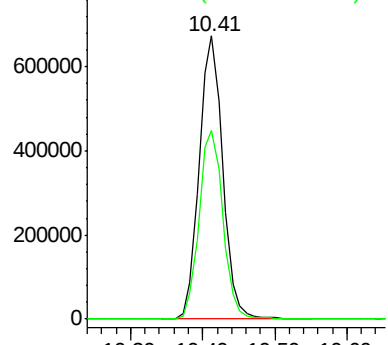
#50
Toluene-d8
Concen: 59.879 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063771.D
Acq: 23 Aug 2019 17:28

Instrument :
MSVOA_D
ClientSampleId :
TS-1-VNRE

Tot Ion: 98 Resp: 1526678
Ion Ratio Lower Upper
98 100
100 66.5 51.7 77.5

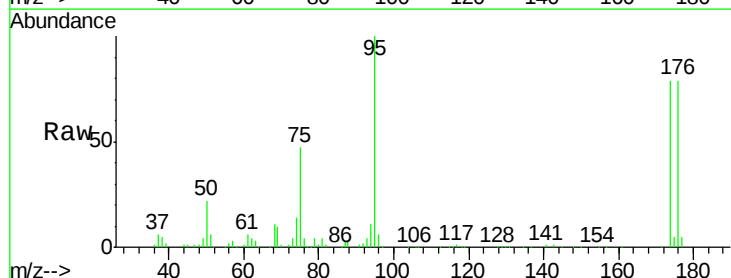


Abundance Ion 98.05 (97.75 to 98.75): VD063473.D (-907) (-)
Ion 100.05 (99.75 to 100.75): VD063473.D (-907) (-)

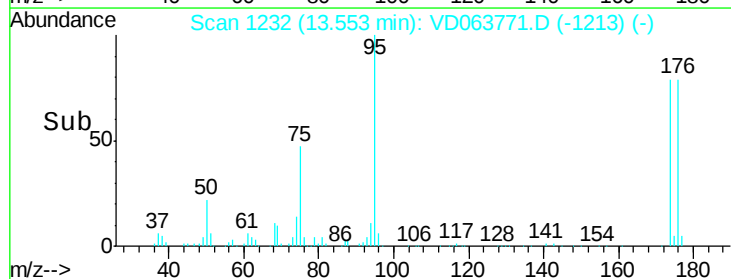
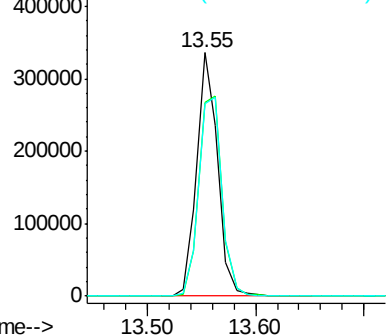


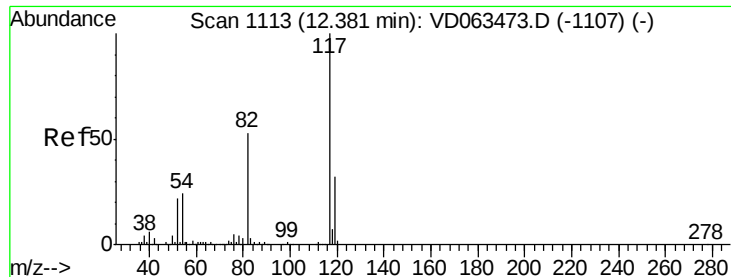
#62
4-Bromofluorobenzene
Concen: 39.045 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063771.D
Acq: 23 Aug 2019 17:28

Tgt Ion: 95 Resp: 451205
Ion Ratio Lower Upper
95 100
174 79.5 0.0 155.4
176 79.1 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD063473.D (-1229) (-)
Ion 173.90 (173.60 to 174.60): VD063473.D (-1229) (-)
Ion 175.90 (175.60 to 176.60): VD063473.D (-1229) (-)

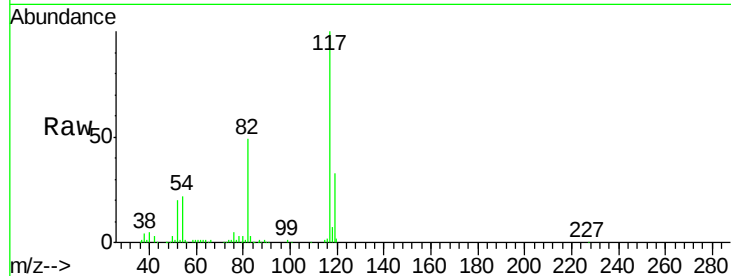




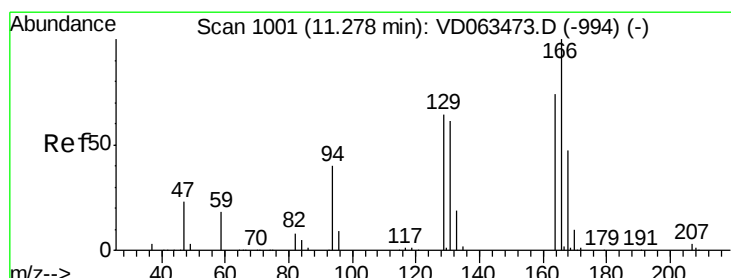
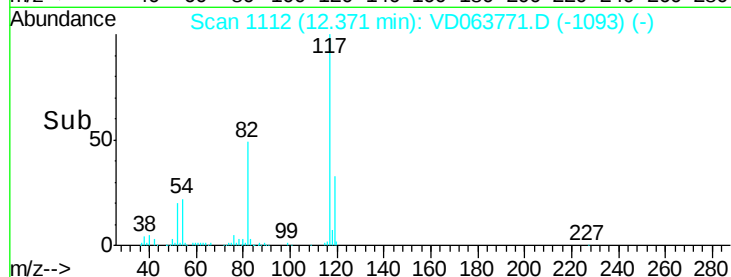
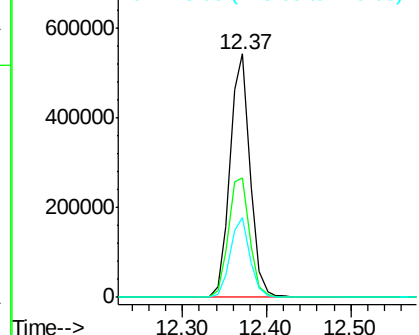
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063771.D
Acq: 23 Aug 2019 17:28

Instrument :
MSVOA_D
ClientSampleId :
TS-1-VNRE

Tot Ion:117 Resp: 895174
Ion Ratio Lower Upper
117 100
82 49.0 42.0 63.0
119 33.0 25.4 38.0

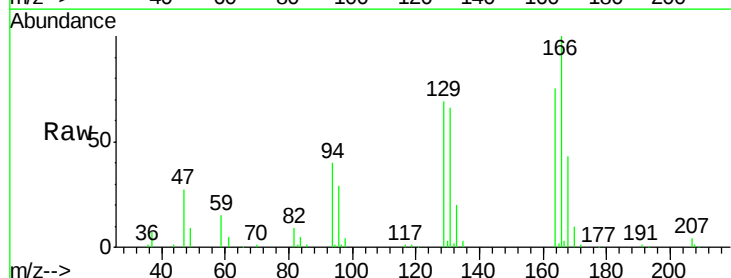


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

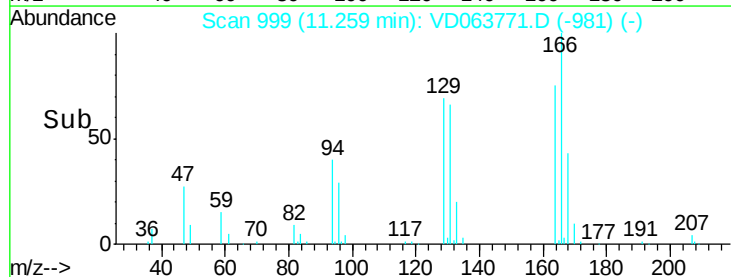
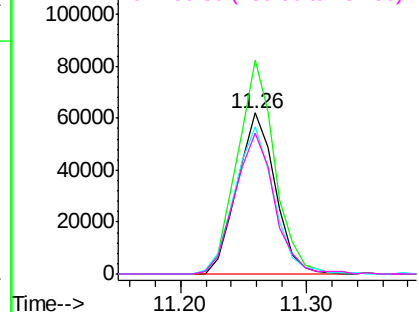


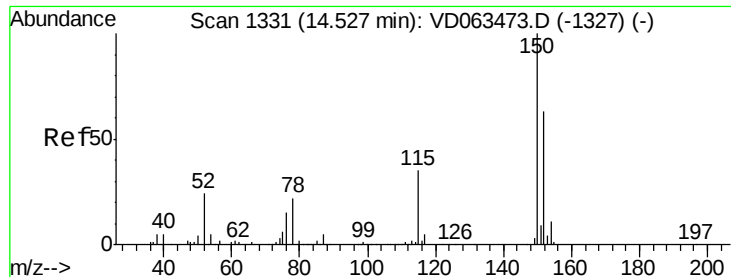
#64
Tetrachloroethene
Concen: 18.730 ug/l
RT: 11.26 min Scan# 999
Delta R.T. -0.02 min
Lab File: VD063771.D
Acq: 23 Aug 2019 17:28

Tgt Ion:164 Resp: 129437
Ion Ratio Lower Upper
164 100
166 132.5 108.6 163.0
129 91.0 69.0 103.6
131 87.3 66.6 99.8



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063771.D

Acq: 23 Aug 2019 17:28

Instrument :

MSVOA_D

ClientSampleId :

TS-1-VNRE

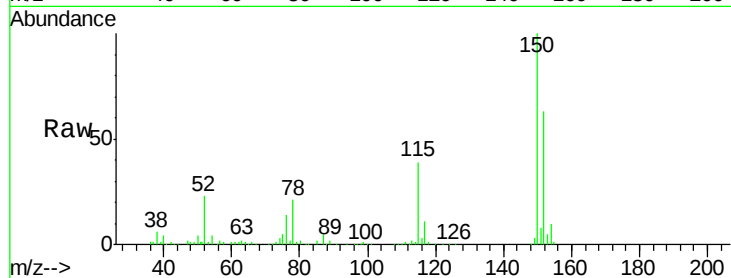
Tot Ion:152 Resp: 314287

Ion Ratio Lower Upper

152 100

115 60.7 30.9 92.7

150 157.7 0.0 318.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

