

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063749.D
 Acq On : 22 Aug 2019 22:28
 Operator : JC/SY
 Sample : K4491-03
 Misc : 5.20g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-1VN

Quant Time: Aug 23 07:44:42 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

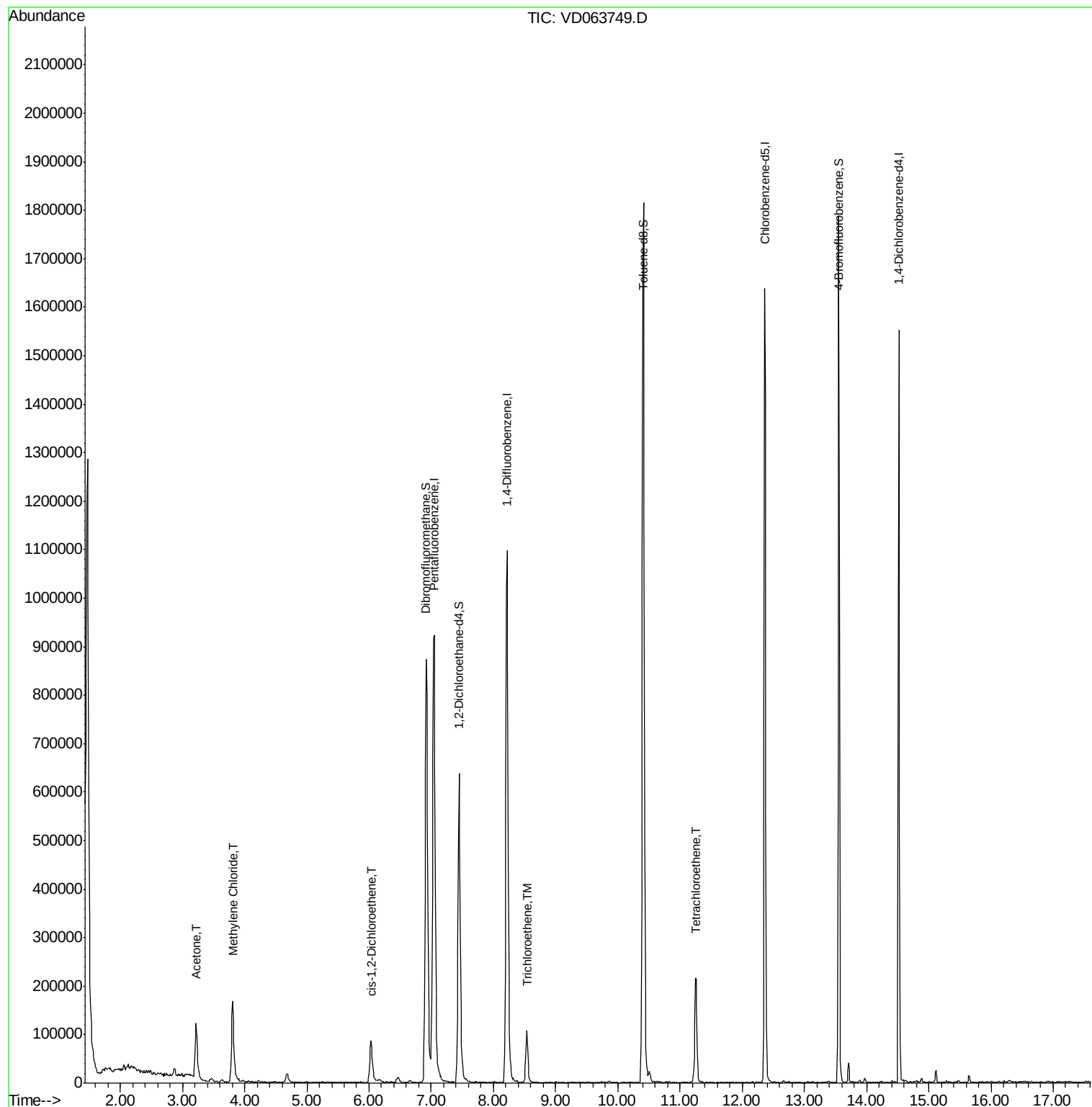
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	932323	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1264225	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	927436	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	328579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	670599	67.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	134.58%	
35) Dibromofluoromethane	6.92	113	776942	72.97	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	145.94%	
50) Toluene-d8	10.41	98	1556429	66.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.98%	
62) 4-Bromofluorobenzene	13.55	95	480670	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
Target Compounds						
16) Acetone	3.22	43	219329	108.265	ug/l	97
20) Methylene Chloride	3.81	84	106296	12.134	ug/l	92
27) cis-1,2-Dichloroethene	6.03	96	52939	6.103	ug/l	93
44) Trichloroethene	8.54	130	46546	4.951	ug/l	92
64) Tetrachloroethene	11.26	164	64178	8.964	ug/l	95

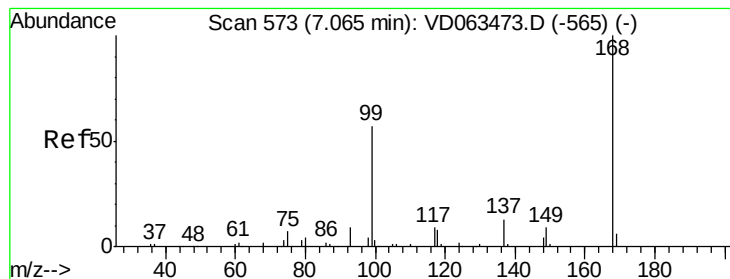
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082219\
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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: VD063749.D

Acq: 22 Aug 2019 22:28

Instrument :

MSVOA_D

ClientSampleId :

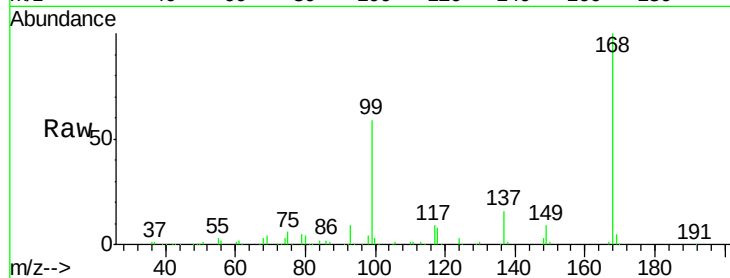
TS-1VN

Tot Ion:168 Resp: 932323

Ion Ratio Lower Upper

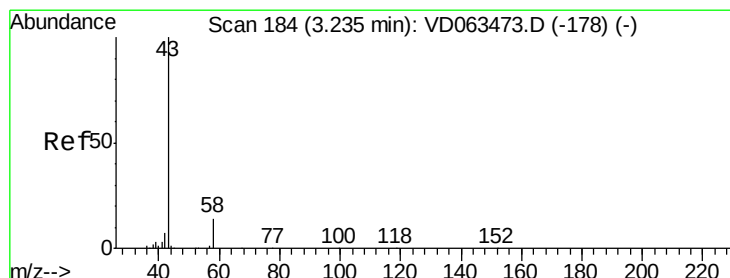
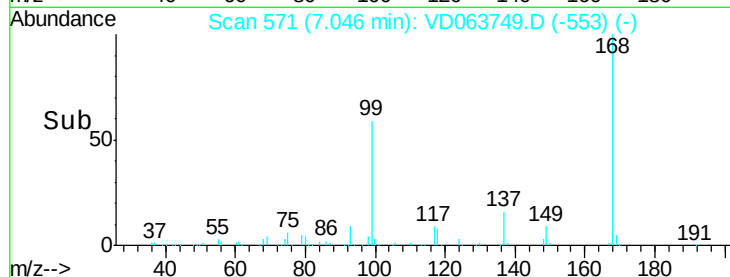
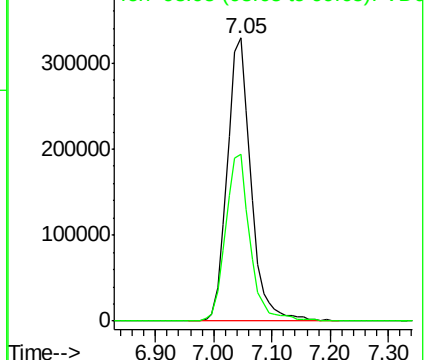
168 100

99 58.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 108.265 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063749.D

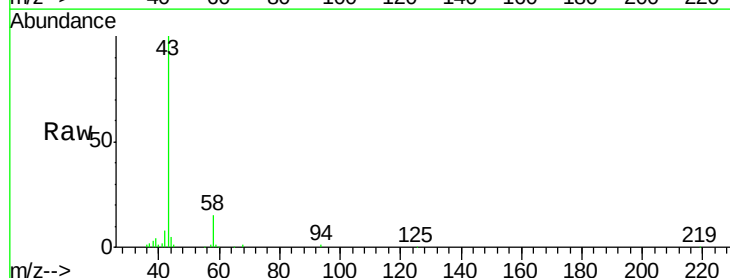
Acq: 22 Aug 2019 22:28

Tgt Ion: 43 Resp: 219329

Ion Ratio Lower Upper

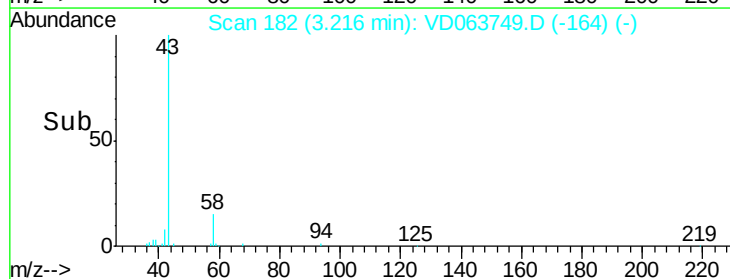
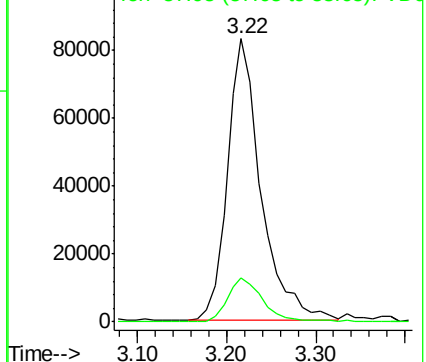
43 100

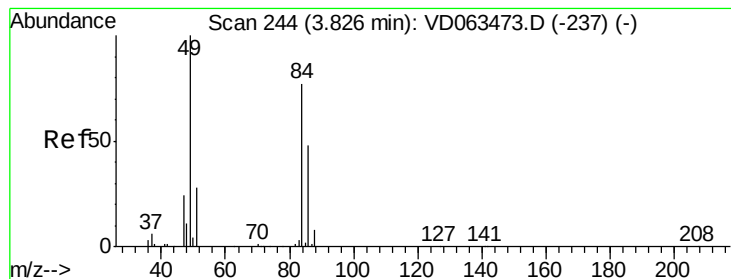
58 15.4 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 12.134 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063749.D

Acq: 22 Aug 2019 22:28

Instrument :

MSVOA_D

ClientSampleId :

TS-1VN

Tot Ion: 84 Resp: 106296

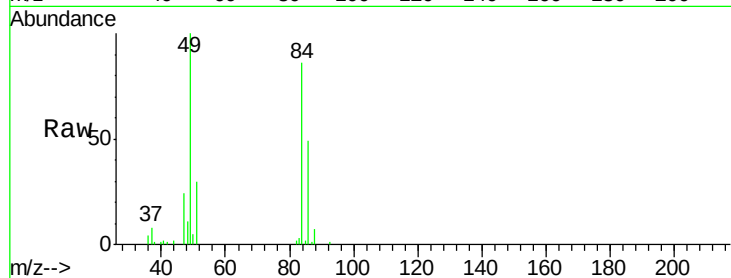
Ion Ratio Lower Upper

84 100

49 116.3 103.4 155.2

51 34.8 28.5 42.7

86 57.5 49.4 74.2

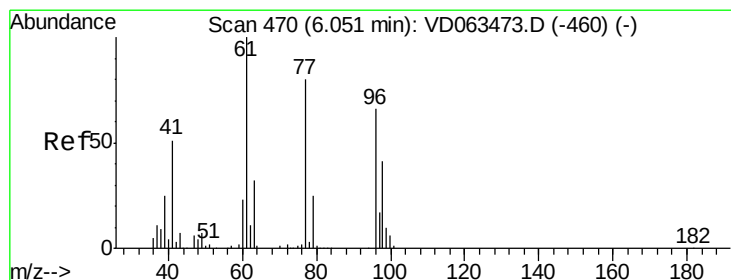
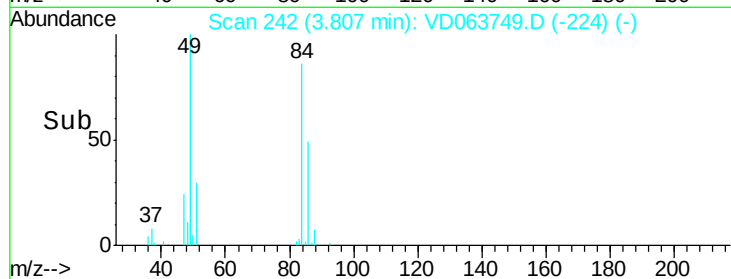
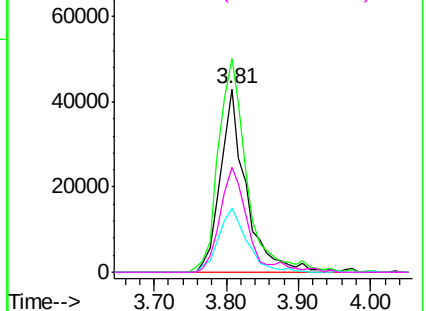


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#27

cis-1,2-Dichloroethene

Concen: 6.103 ug/l

RT: 6.03 min Scan# 468

Delta R.T. -0.02 min

Lab File: VD063749.D

Acq: 22 Aug 2019 22:28

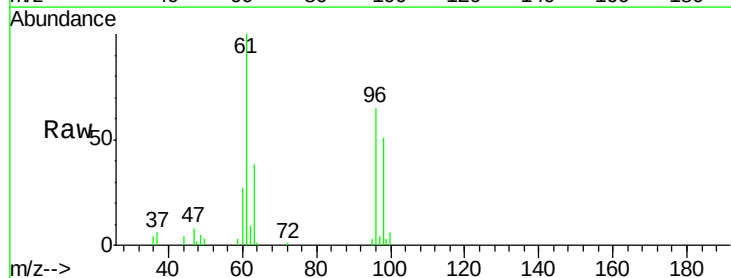
Tgt Ion: 96 Resp: 52939

Ion Ratio Lower Upper

96 100

61 153.1 0.0 304.0

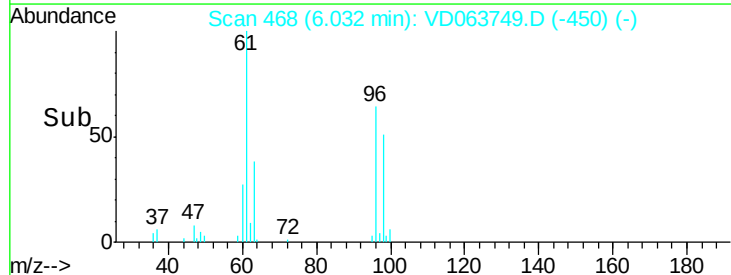
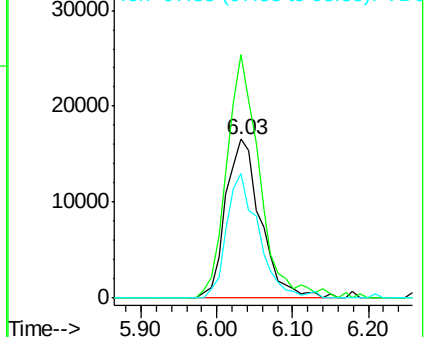
98 78.2 0.0 124.8

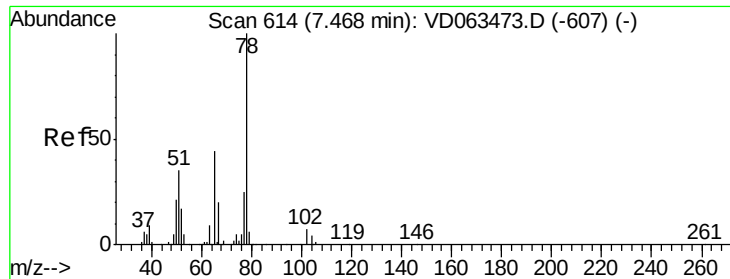


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

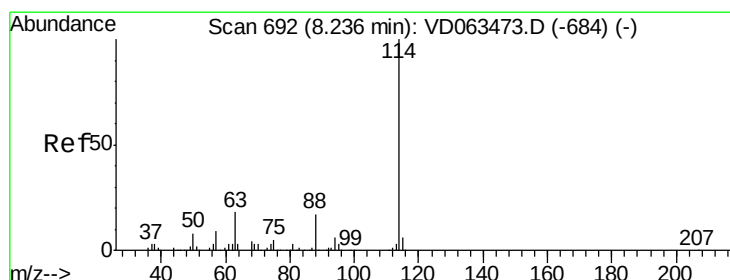
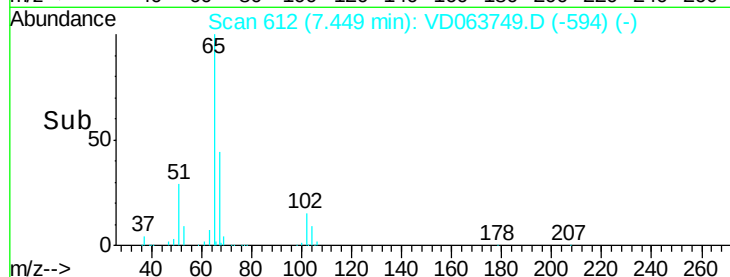
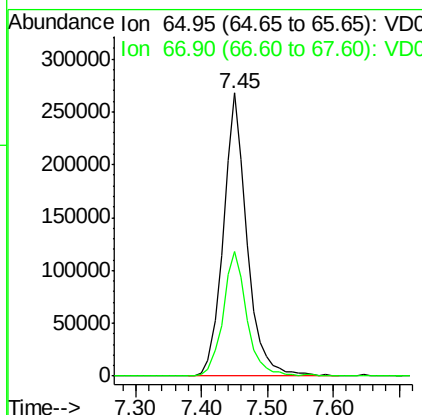
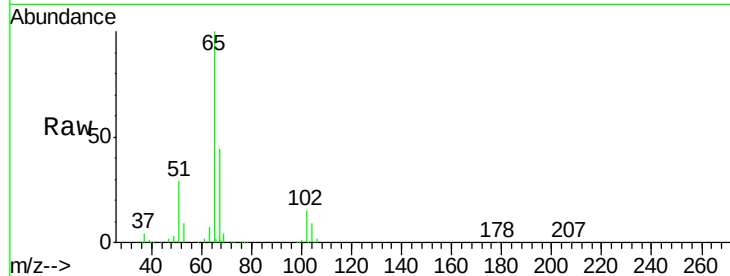




#33
 1,2-Dichloroethane-d4
 Concen: 67.290 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063749.D
 Acq: 22 Aug 2019 22:28

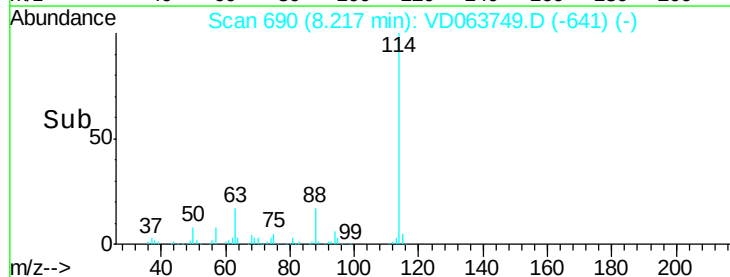
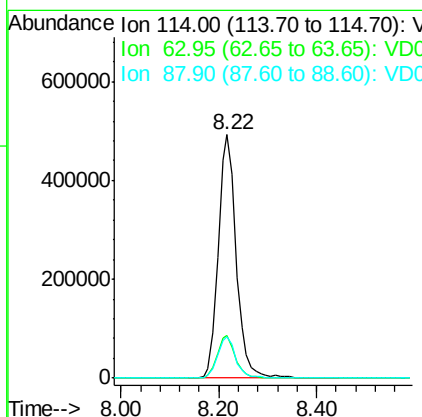
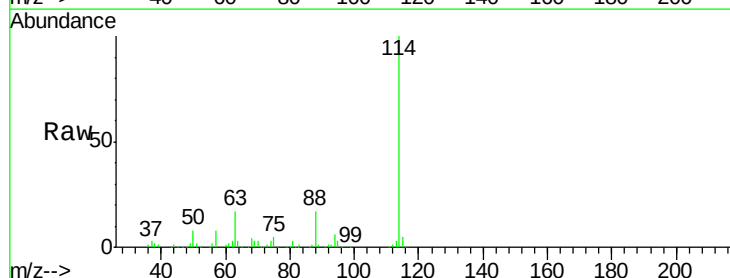
Instrument :
 MSVOA_D
 ClientSampleId :
 TS-1VN

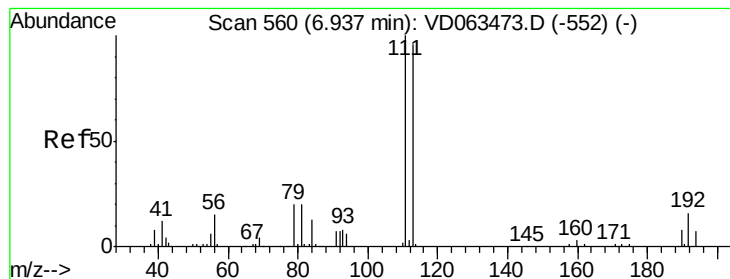
Tot Ion: 65 Resp: 670599
 Ion Ratio Lower Upper
 65 100
 67 44.1 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063749.D
 Acq: 22 Aug 2019 22:28

Tgt Ion: 114 Resp: 1264225
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.2
 88 17.0 0.0 35.0





#35

Dibromofluoromethane

Concen: 72.970 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063749.D

Acq: 22 Aug 2019 22:28

Instrument :

MSVOA_D

ClientSampleId :

TS-1VN

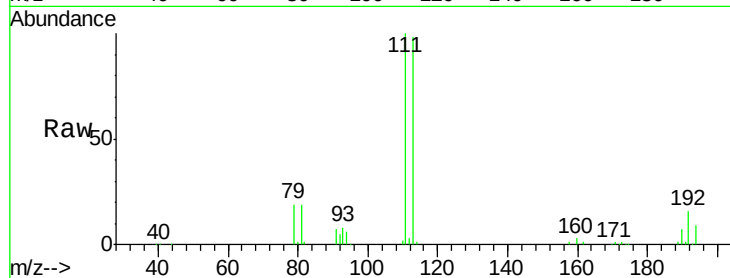
Tot Ion:113 Resp: 776942

Ion Ratio Lower Upper

113 100

111 102.0 83.1 124.7

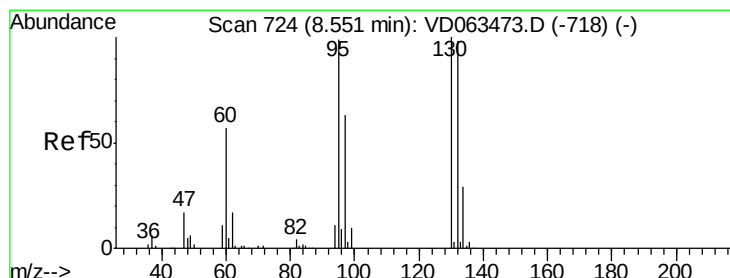
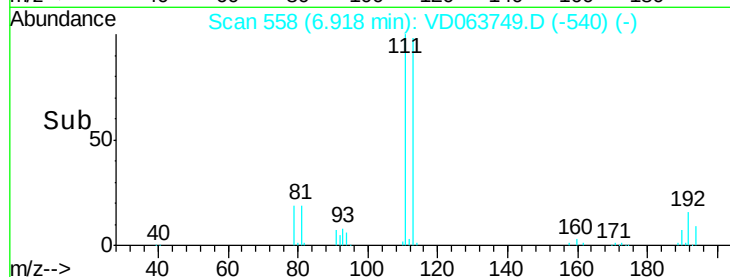
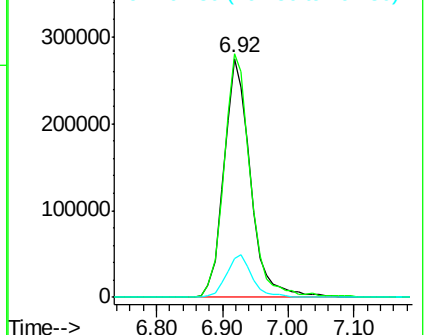
192 16.0 13.1 19.7



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: 4.951 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: VD063749.D

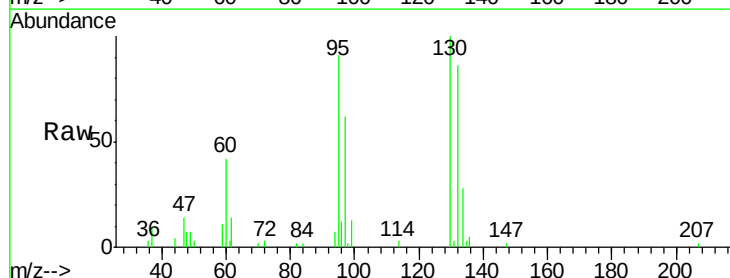
Acq: 22 Aug 2019 22:28

Tgt Ion:130 Resp: 46546

Ion Ratio Lower Upper

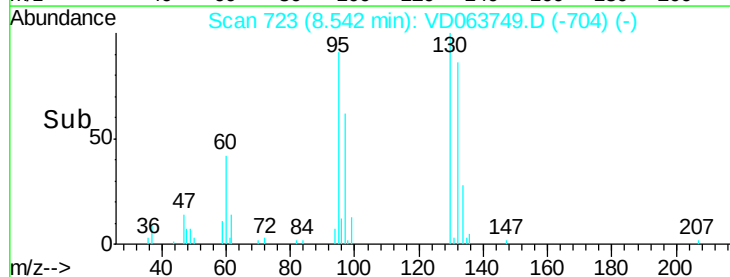
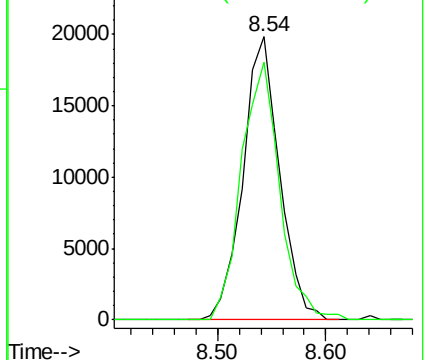
130 100

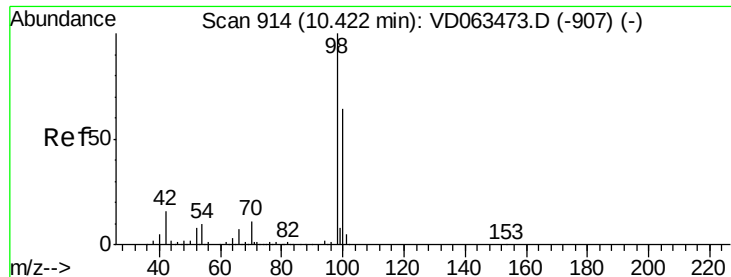
95 91.1 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

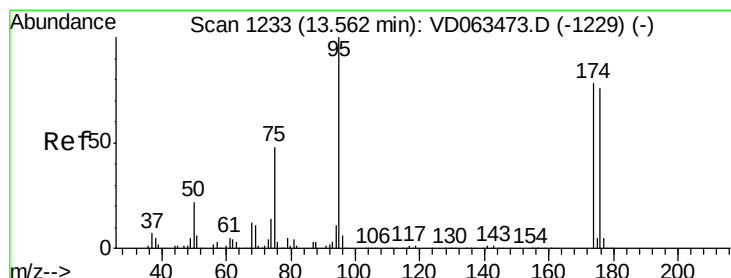
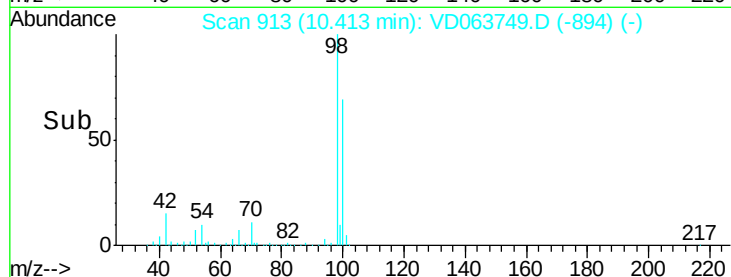
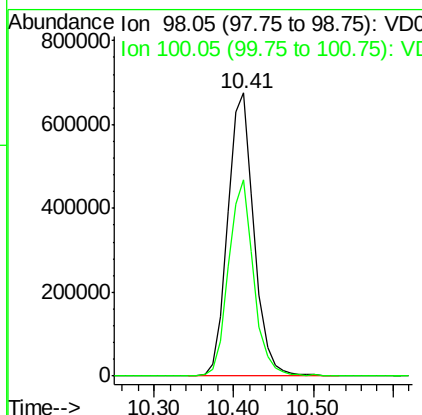
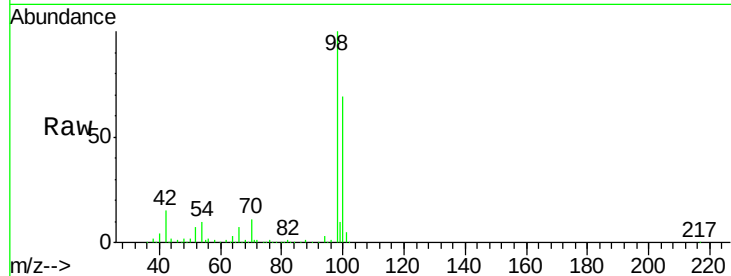




#50
Toluene-d8
Concen: 66.489 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063749.D
Acq: 22 Aug 2019 22:28

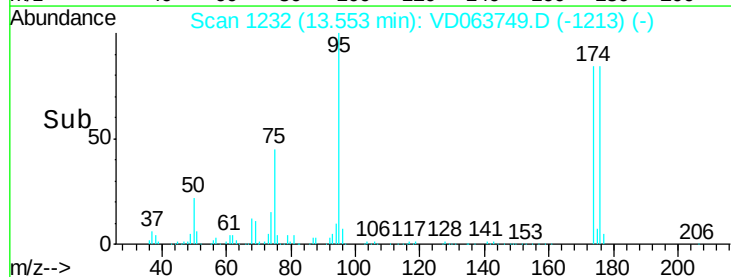
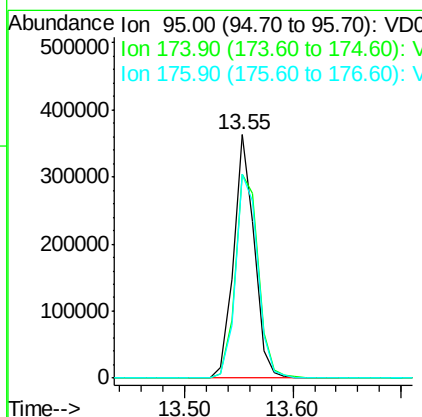
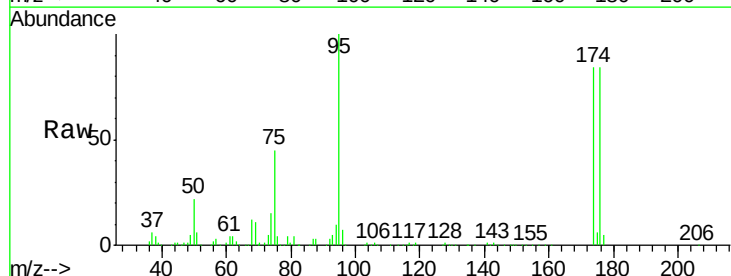
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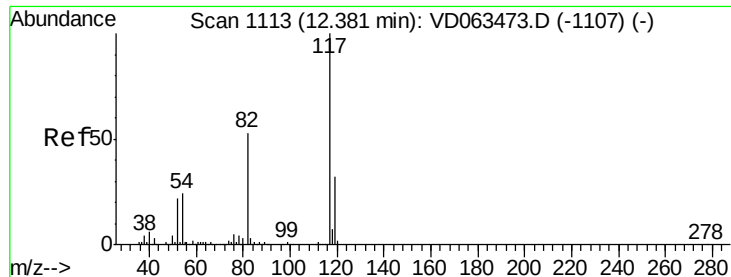
Tot Ion: 98 Resp: 1556429
Ion Ratio Lower Upper
98 100
100 69.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.304 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063749.D
Acq: 22 Aug 2019 22:28

Tgt Ion: 95 Resp: 480670
Ion Ratio Lower Upper
95 100
174 83.9 0.0 155.4
176 83.9 0.0 152.4

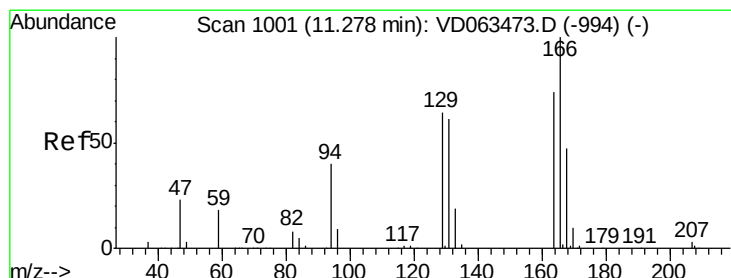
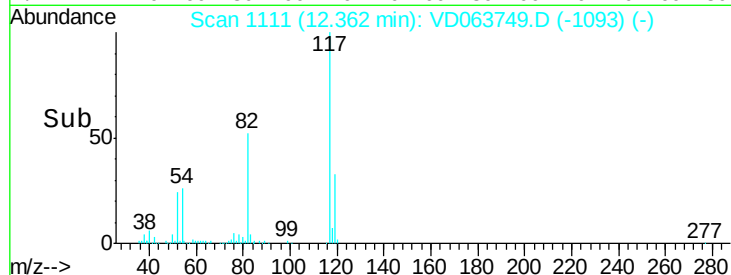
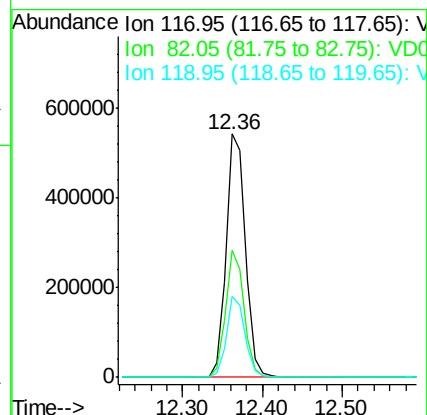
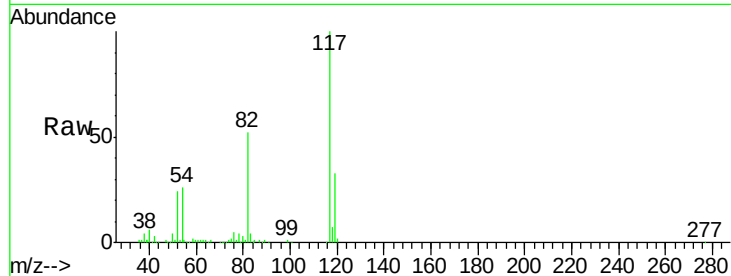




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063749.D
Acq: 22 Aug 2019 22:28

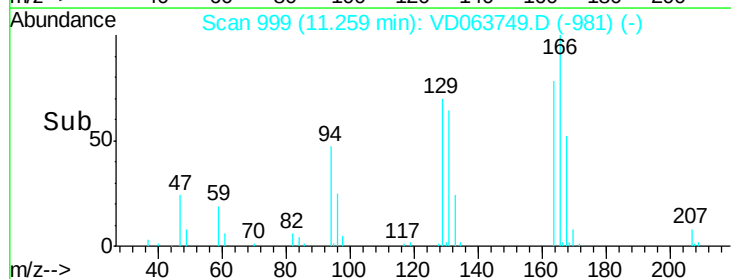
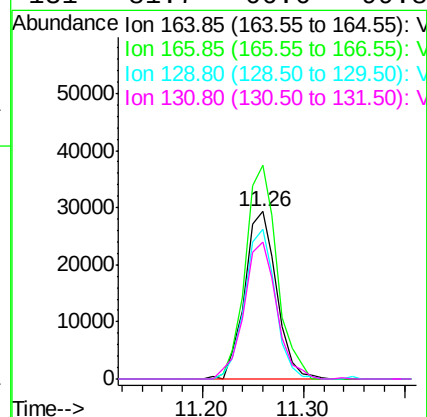
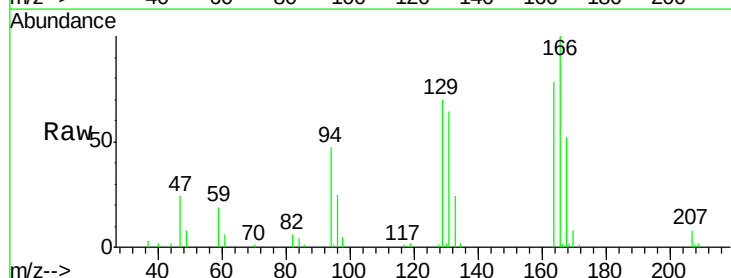
Instrument :
MSVOA_D
ClientSampleId :
TS-1VN

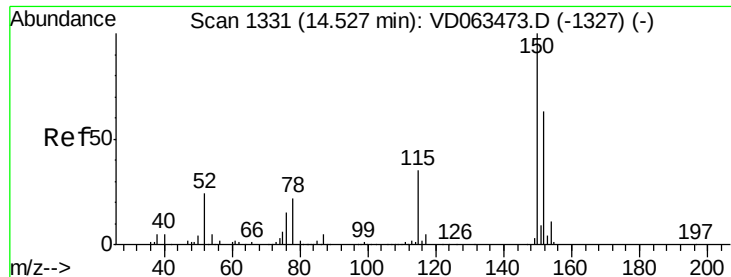
Tot Ion:117 Resp: 927436
Ion Ratio Lower Upper
117 100
82 52.3 42.0 63.0
119 33.1 25.4 38.0



#64
Tetrachloroethene
Concen: 8.964 ug/l
RT: 11.26 min Scan# 999
Delta R.T. -0.02 min
Lab File: VD063749.D
Acq: 22 Aug 2019 22:28

Tgt Ion:164 Resp: 64178
Ion Ratio Lower Upper
164 100
166 127.6 108.6 163.0
129 89.8 69.0 103.6
131 81.7 66.6 99.8

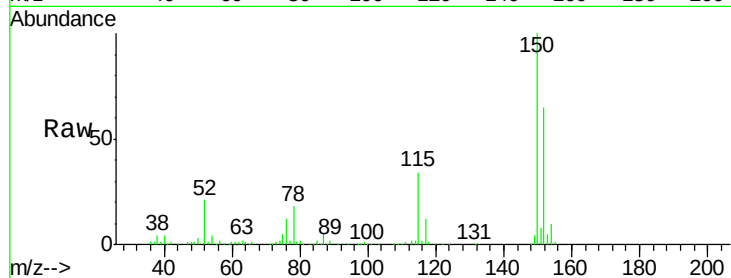




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD063749.D
 Acq: 22 Aug 2019 22:28

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-1VN

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.9	30.9	92.7
150	154.7	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

