

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062820.D
 Acq On : 21 Jun 2019 16:59
 Operator : VA/AP
 Sample : K3482-07
 Misc : 6.07g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Jun 22 04:55:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

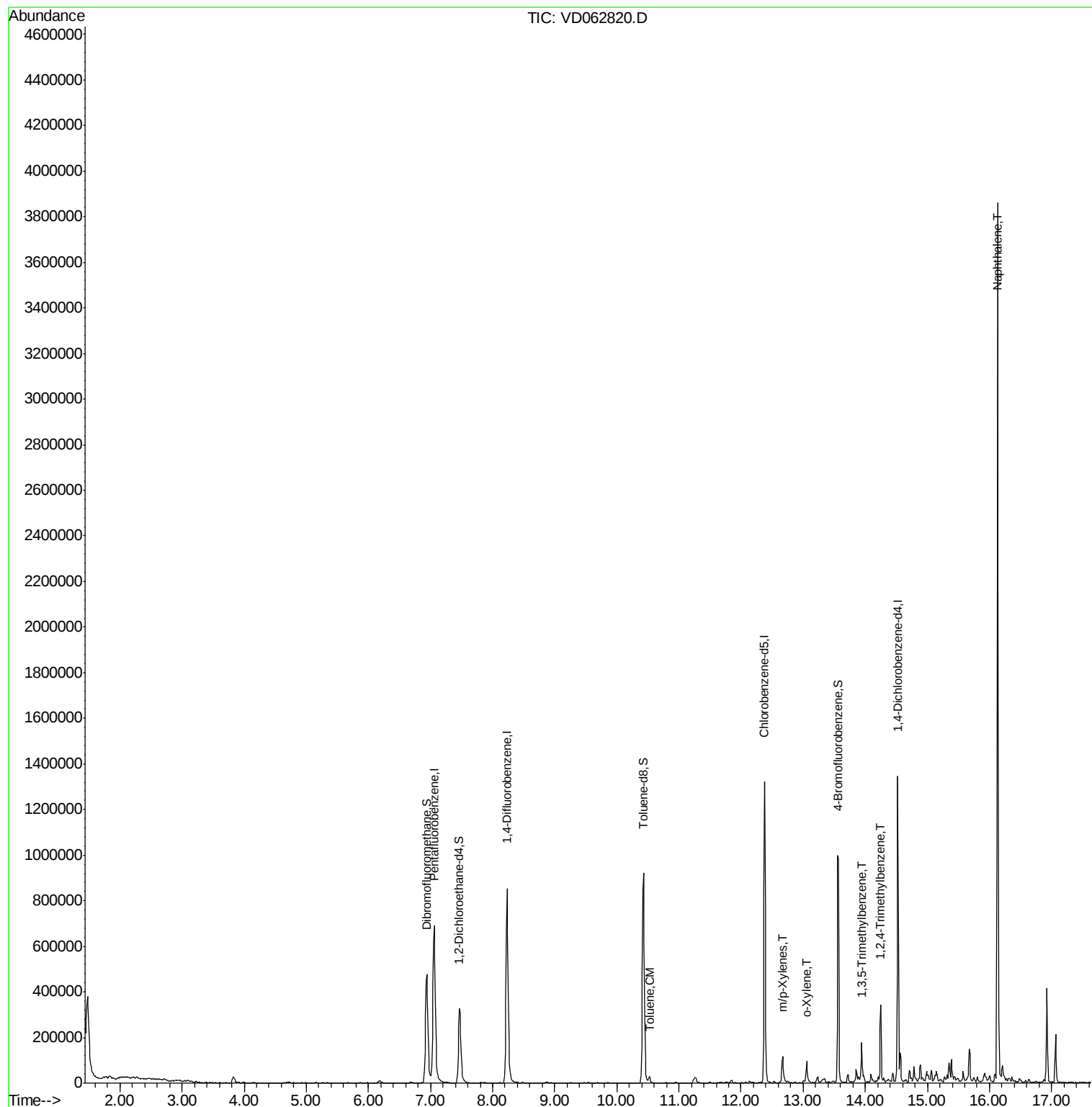
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	638634	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	846173	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	628951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	277533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	396963	57.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.36%	
35) Dibromofluoromethane	6.94	113	412232	57.78	ug/l	0.01
Spiked Amount	50.000		Recovery	=	115.56%	
50) Toluene-d8	10.43	98	738572	47.56	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	13.56	95	293916	41.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.24%	
Target Compounds						
52) Toluene	10.53	92	12603	1.166	ug/l #	75
68) m/p-Xylenes	12.67	106	25982	3.560	ug/l	87
69) o-Xylene	13.06	106	21011	3.149	ug/l	85
80) 1,3,5-Trimethylbenzene	13.94	105	69319	4.638	ug/l	93
84) 1,2,4-Trimethylbenzene	14.25	105	144408	9.426	ug/l	96
95) Naphthalene	16.13	128	2121490	263.959	ug/l	99

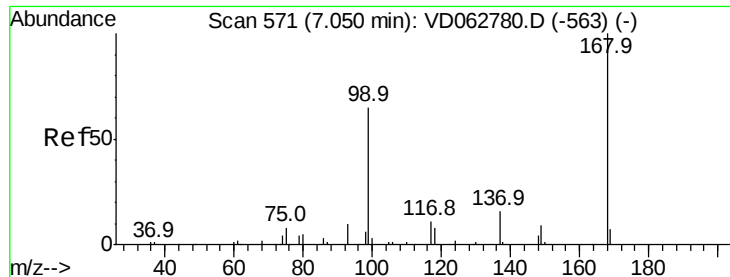
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062119\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062820.D

Acq: 21 Jun 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

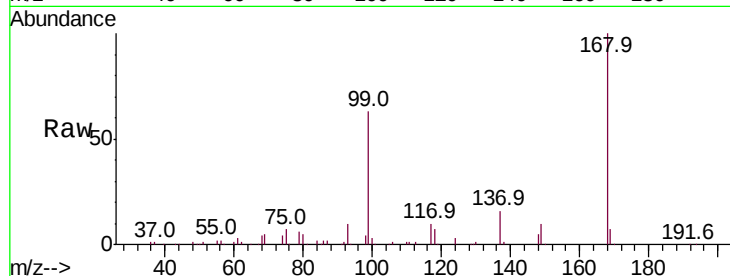
TP-4

Tot Ion:168 Resp: 638634

Ion Ratio Lower Upper

168 100

99 63.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

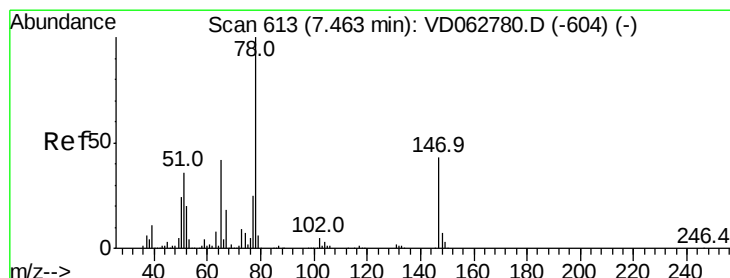
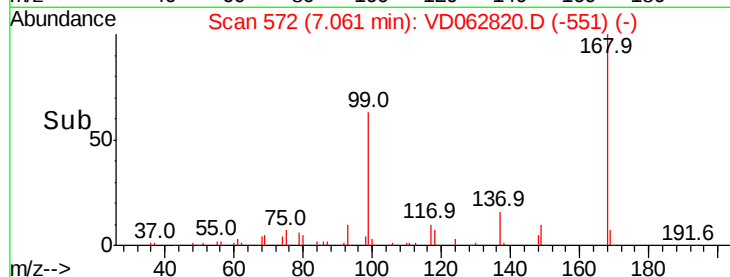
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 57.184 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD062820.D

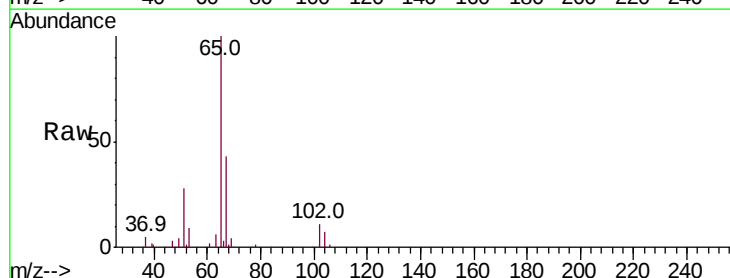
Acq: 21 Jun 2019 16:59

Tgt Ion: 65 Resp: 396963

Ion Ratio Lower Upper

65 100

67 43.1 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

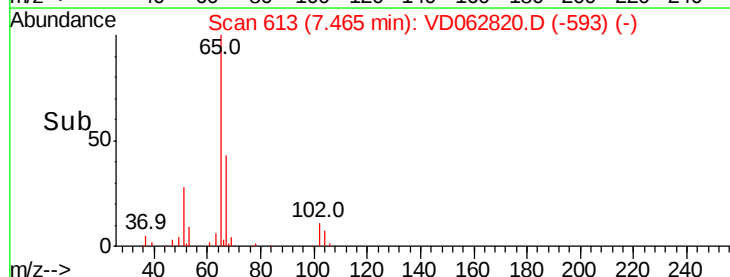
150000

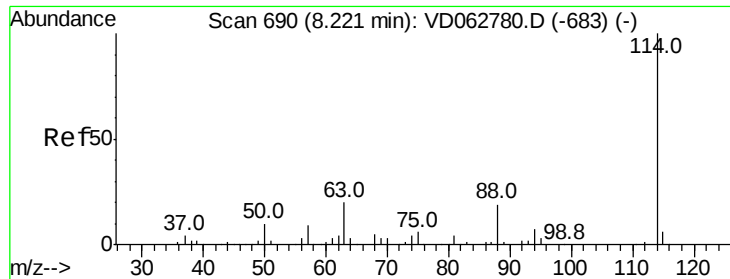
100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70

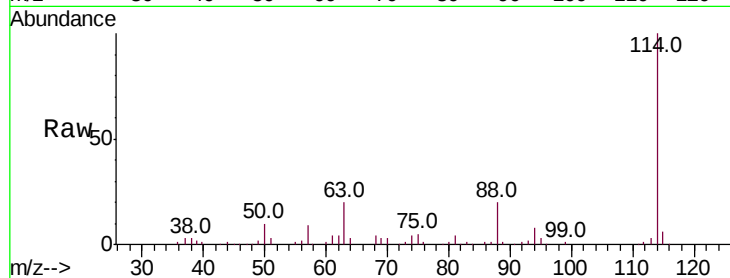




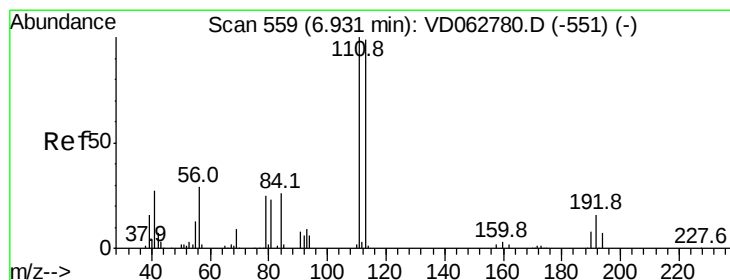
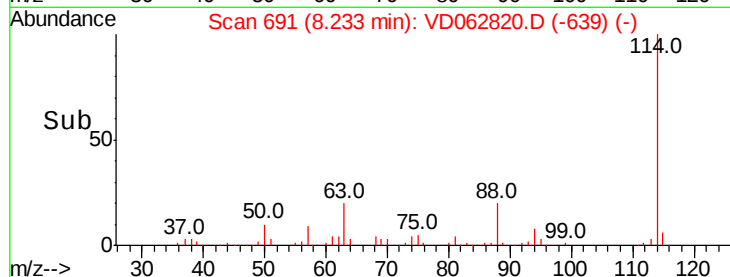
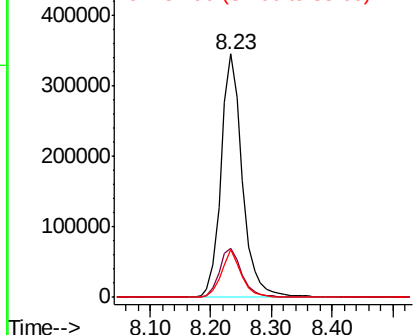
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062820.D
 Acq: 21 Jun 2019 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Tot Ion:114 Resp: 846173
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 19.5 0.0 38.8

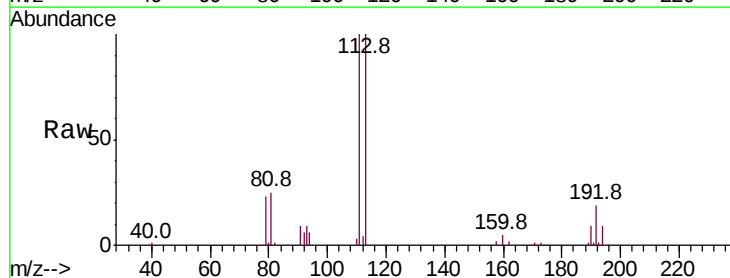


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

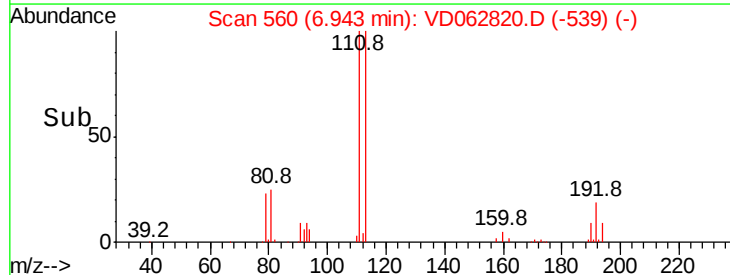
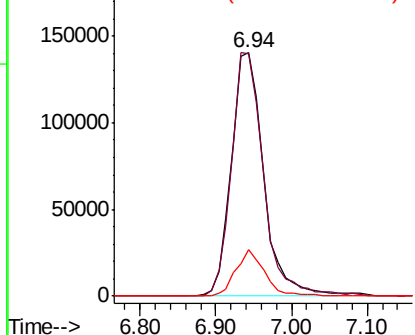


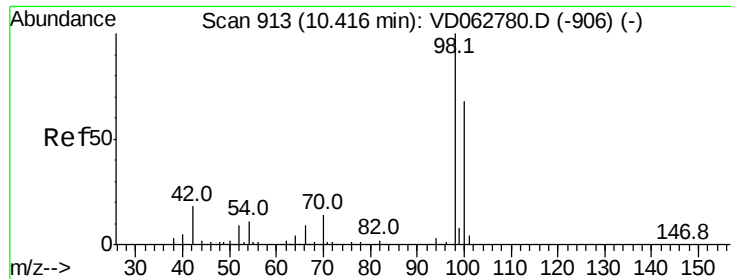
#35
 Dibromofluoromethane
 Concen: 57.777 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062820.D
 Acq: 21 Jun 2019 16:59

Tgt Ion:113 Resp: 412232
 Ion Ratio Lower Upper
 113 100
 111 99.7 81.2 121.8
 192 19.2 12.9 19.3



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

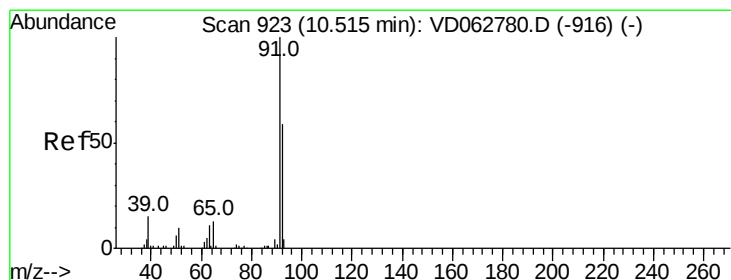
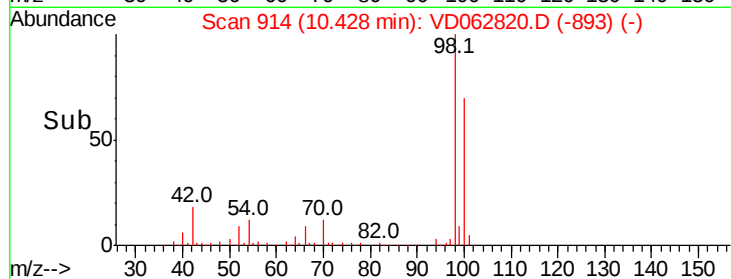
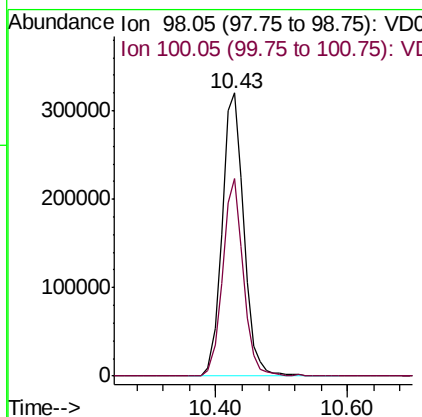
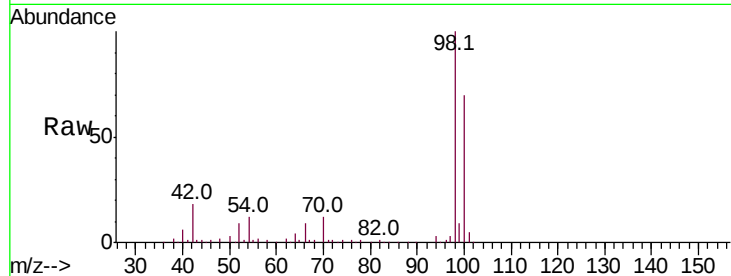




#50
Toluene-d8
Concen: 47.561 ug/l
RT: 10.43 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062820.D
Acq: 21 Jun 2019 16:59

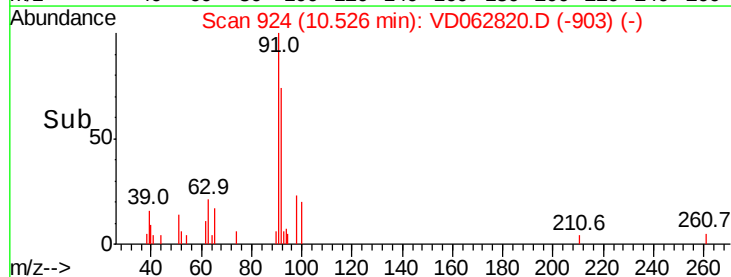
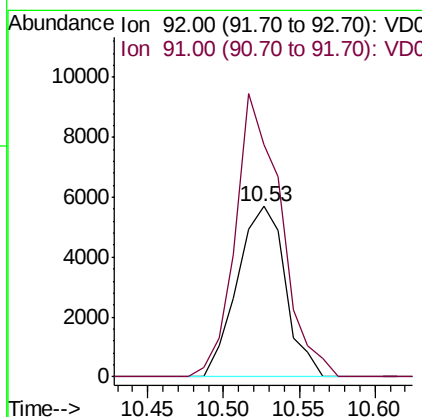
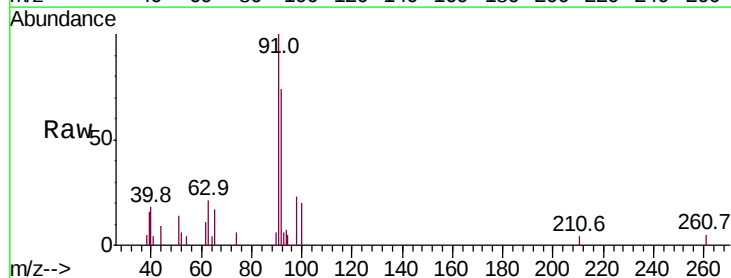
Instrument :
MSVOA_D
ClientSampleId :
TP-4

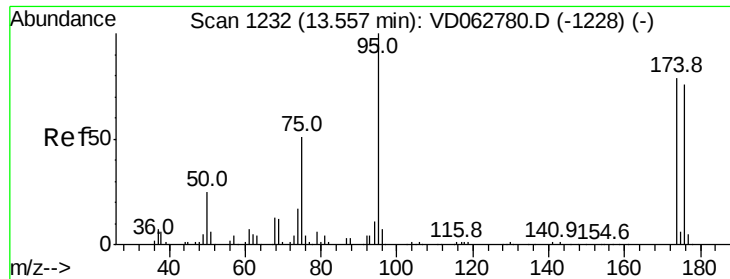
Tot Ion: 98 Resp: 738572
Ion Ratio Lower Upper
98 100
100 69.8 54.7 82.1



#52
Toluene
Concen: 1.166 ug/l
RT: 10.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: VD062820.D
Acq: 21 Jun 2019 16:59

Tgt Ion: 92 Resp: 12603
Ion Ratio Lower Upper
92 100
91 135.9 136.3 204.5#

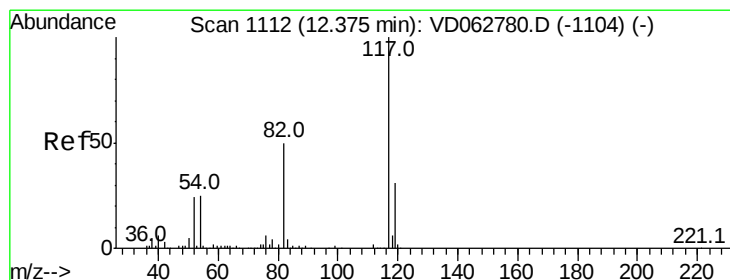
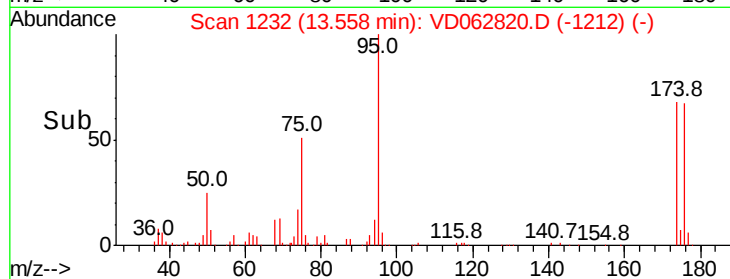
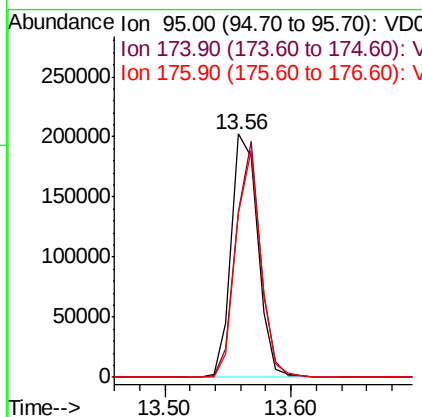
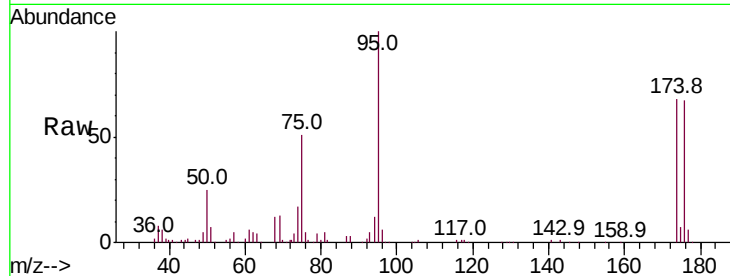




#62
 4-Bromofluorobenzene
 Concen: 41.625 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VD062820.D
 Acq: 21 Jun 2019 16:59

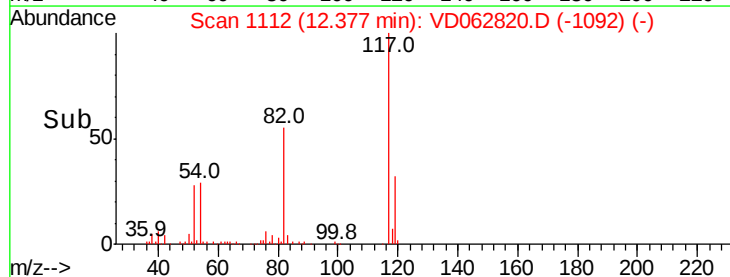
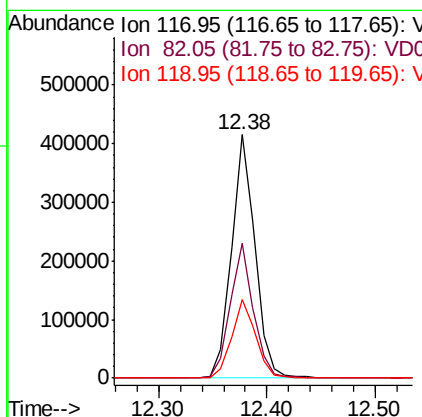
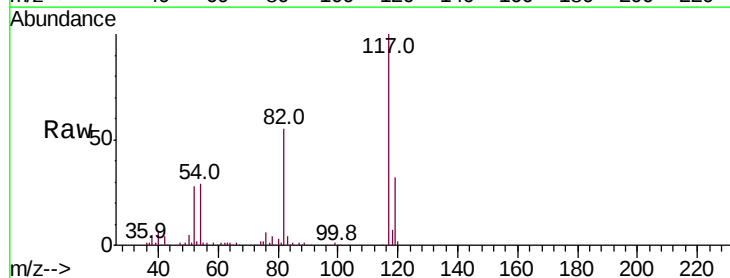
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

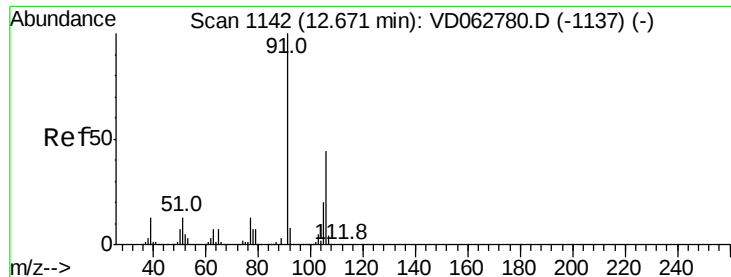
Tot Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	158.0
176	67.4	0.0	151.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VD062820.D
 Acq: 21 Jun 2019 16:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	40.4	60.6
119	32.3	25.2	37.8





#68

m/p-Xylenes

Concen: 3.560 ug/l

RT: 12.67 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VD062820.D

Acq: 21 Jun 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

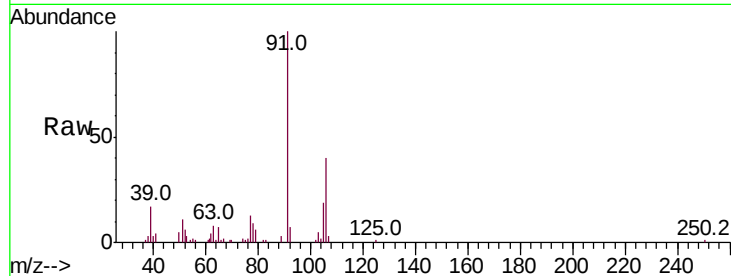
TP-4

Tot Ion:106 Resp: 25982

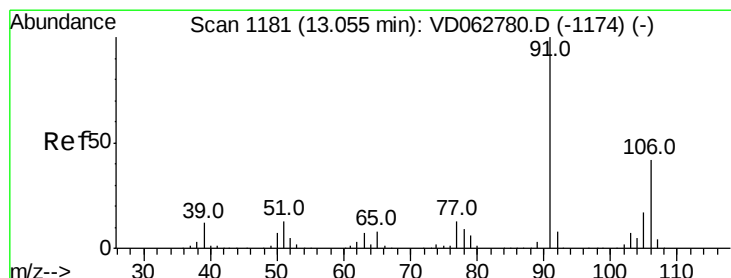
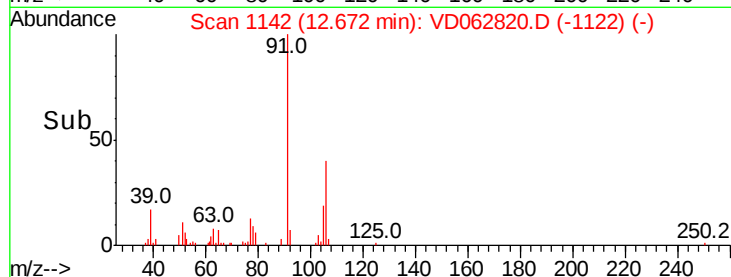
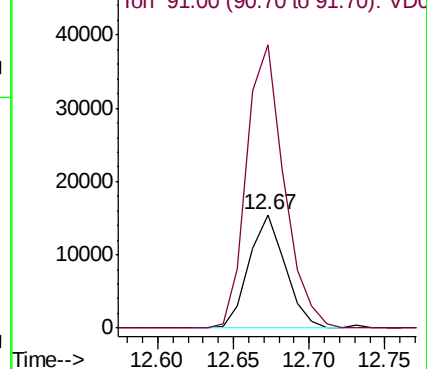
Ion Ratio Lower Upper

106 100

91 249.5 183.0 274.6



Abundance Ion 106.05 (105.75 to 106.75): V



#69

o-Xylene

Concen: 3.149 ug/l

RT: 13.06 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD062820.D

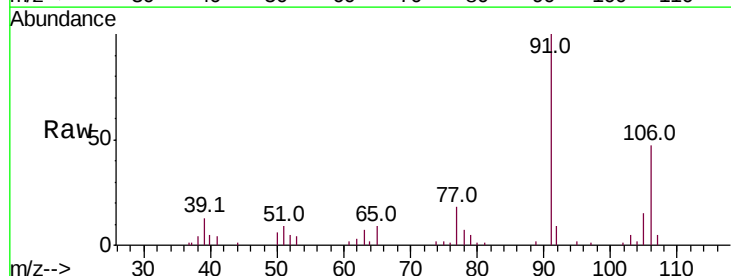
Acq: 21 Jun 2019 16:59

Tgt Ion:106 Resp: 21011

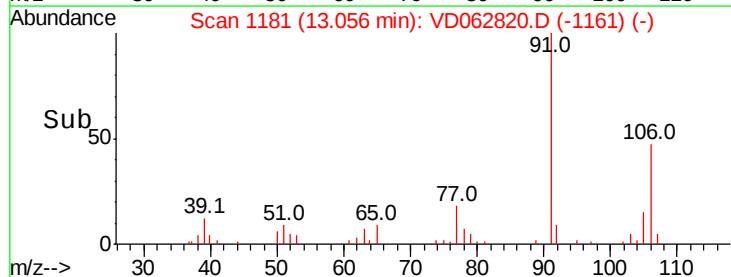
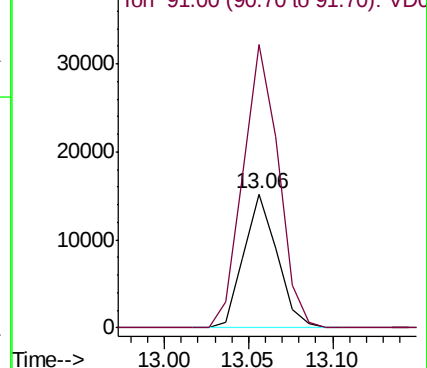
Ion Ratio Lower Upper

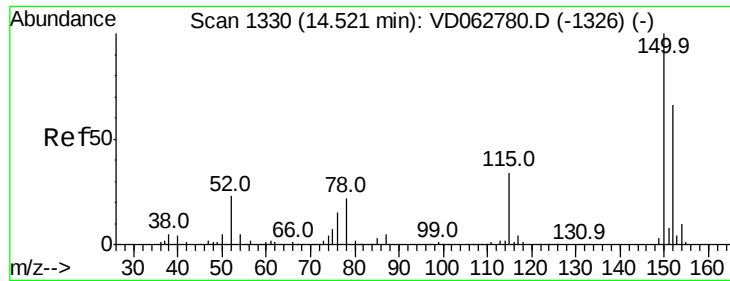
106 100

91 211.3 117.9 353.6



Abundance Ion 106.05 (105.75 to 106.75): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062820.D

Acq: 21 Jun 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

TP-4

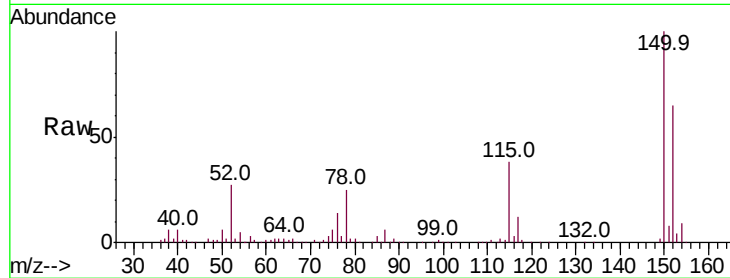
Tot Ion:152 Resp: 277533

Ion Ratio Lower Upper

152 100

115 59.6 29.2 87.6

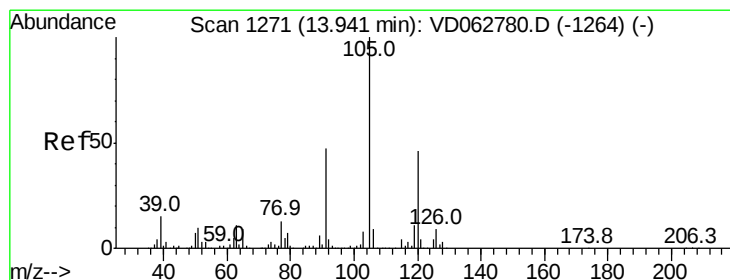
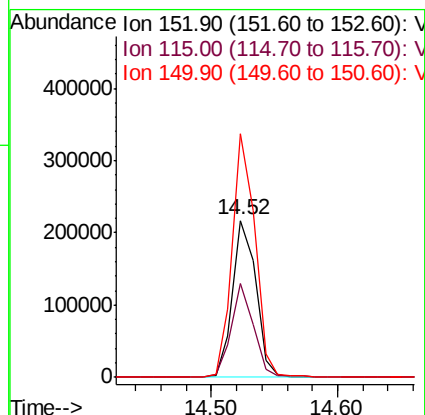
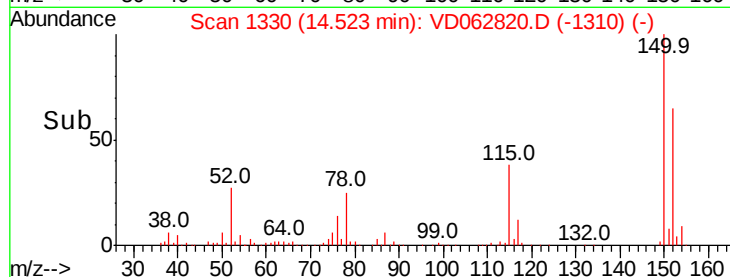
150 155.0 0.0 305.8



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



#80

1,3,5-Trimethylbenzene

Concen: 4.638 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VD062820.D

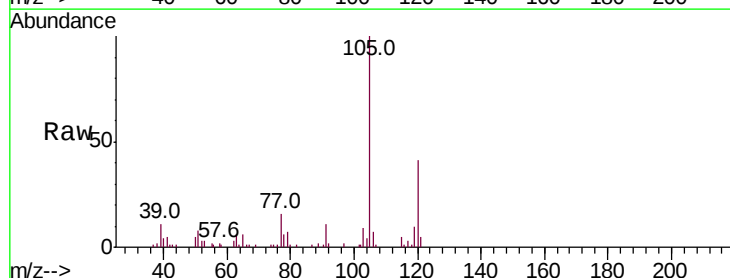
Acq: 21 Jun 2019 16:59

Tgt Ion:105 Resp: 69319

Ion Ratio Lower Upper

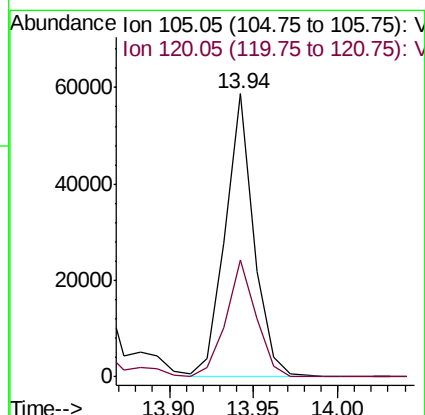
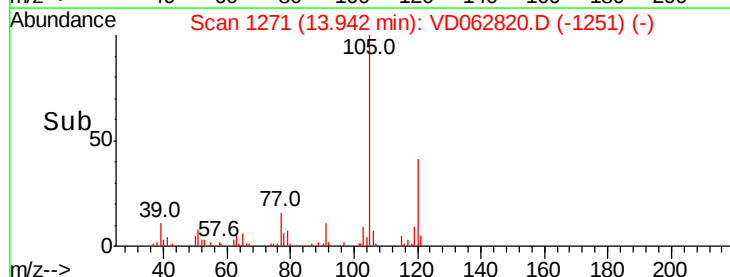
105 100

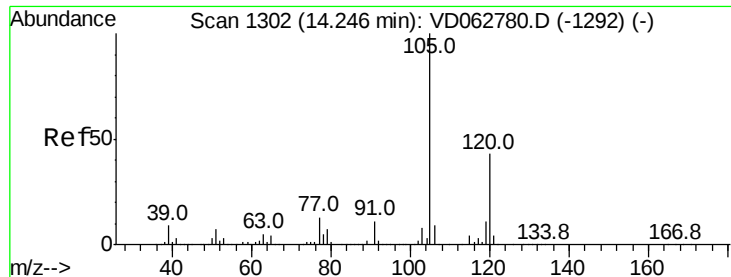
120 41.4 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

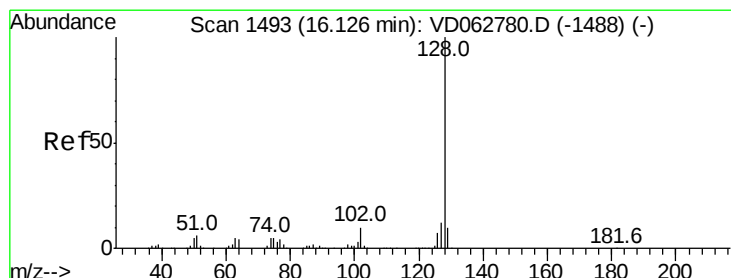
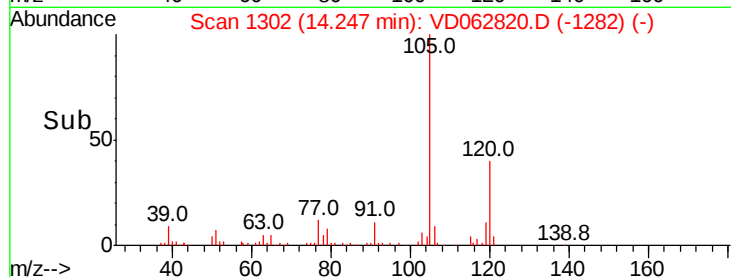
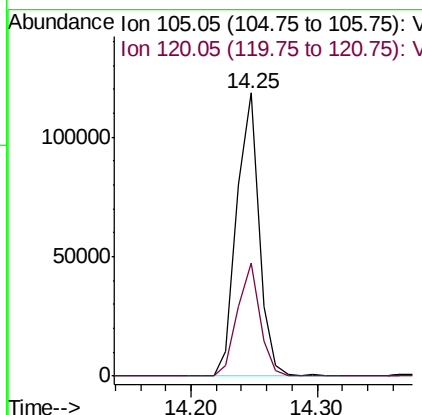
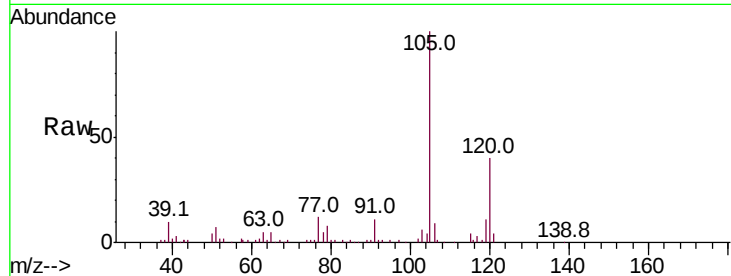




#84
 1,2,4-Trimethylbenzene
 Concen: 9.426 ug/l
 RT: 14.25 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VD062820.D
 Acq: 21 Jun 2019 16:59

Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

Tot Ion:105 Resp: 144408
 Ion Ratio Lower Upper
 105 100
 120 40.2 21.3 63.9



#95
 Naphthalene
 Concen: 263.959 ug/l
 RT: 16.13 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: VD062820.D
 Acq: 21 Jun 2019 16:59

Tgt Ion:128 Resp: 2121490
 Ion Ratio Lower Upper
 128 100
 127 12.2 9.7 14.5
 129 11.1 8.3 12.5

