

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050619\
 Data File : VD062130.D
 Acq On : 6 May 2019 14:56
 Operator : FY/SY
 Sample : K2668-05RE
 Misc : 4.75g/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3RE

Quant Time: May 07 05:39:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

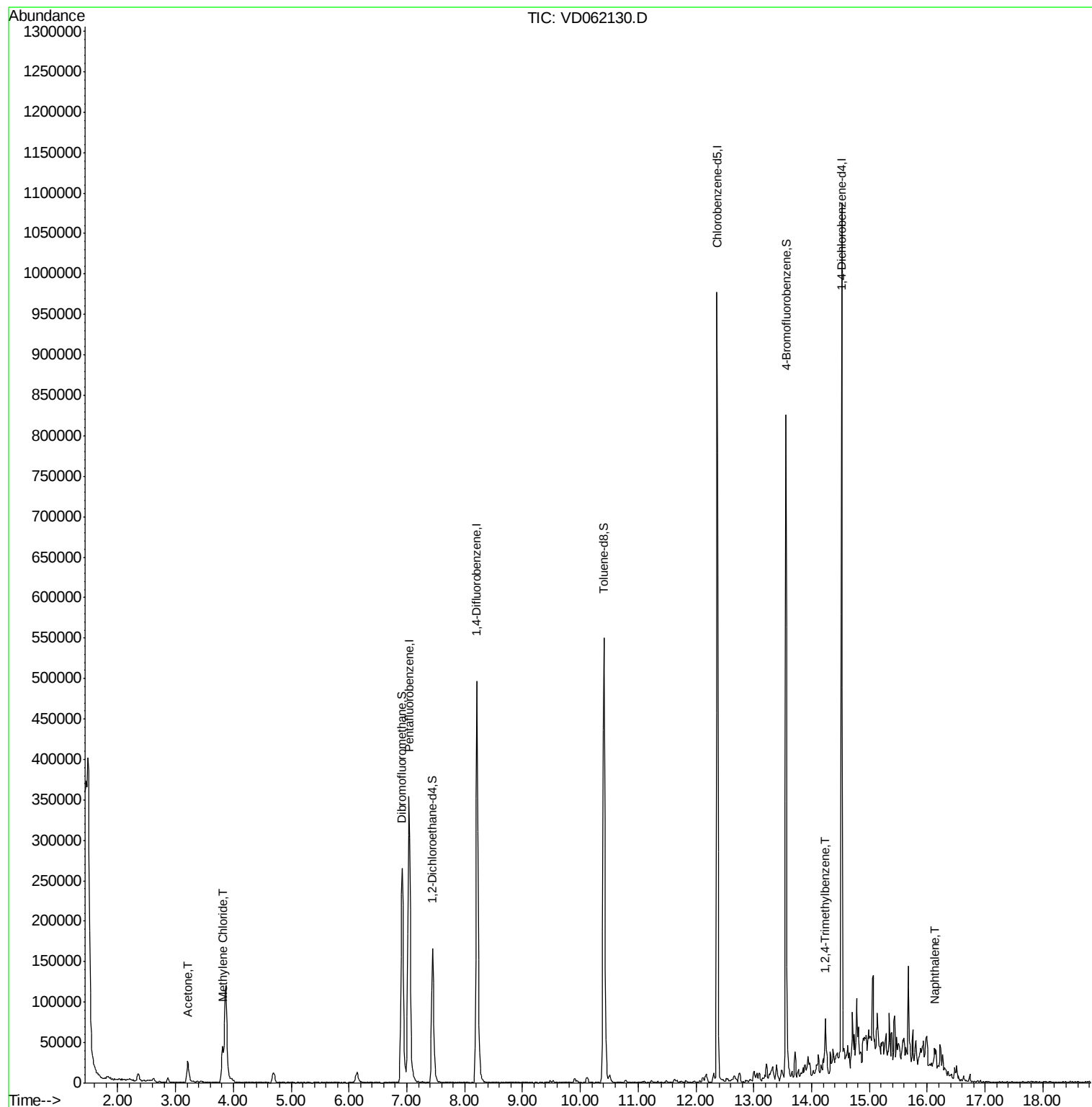
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	359053	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	600919	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	581618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	236422	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	182175	64.83	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	129.66%	
35) Dibromofluoromethane	6.92	113	250377	60.25	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.50%	
50) Toluene-d8	10.40	98	523145	52.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	13.56	95	244615	61.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.34%	
Target Compounds						
16) Acetone	3.21	43	51628	76.944	ug/l #	90
20) Methylene Chloride	3.81	84	34216	7.782	ug/l	91
84) 1,2,4-Trimethylbenzene	14.23	105	30734	2.560	ug/l	94
95) Naphthalene	16.12	128	12828	2.253	ug/l	98

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

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QLast Update : Thu May 02 07:55:52 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062130.D

Acq: 6 May 2019 14:56

Instrument :

MSVOA_D

ClientSampleId :

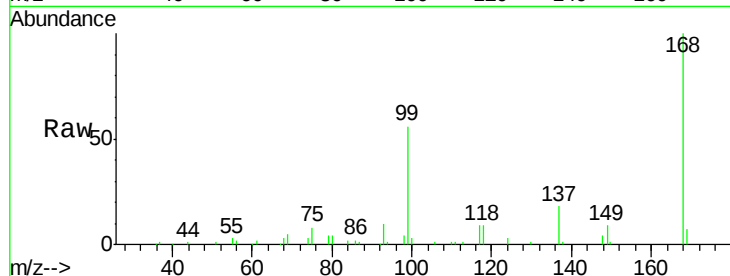
TP-3RE

Tot Ion:168 Resp: 359053

Ion Ratio Lower Upper

168 100

99 56.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

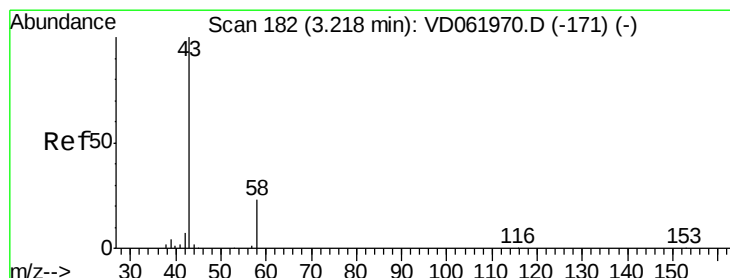
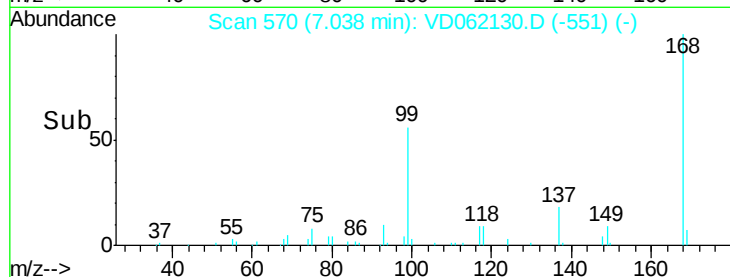
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 76.944 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD062130.D

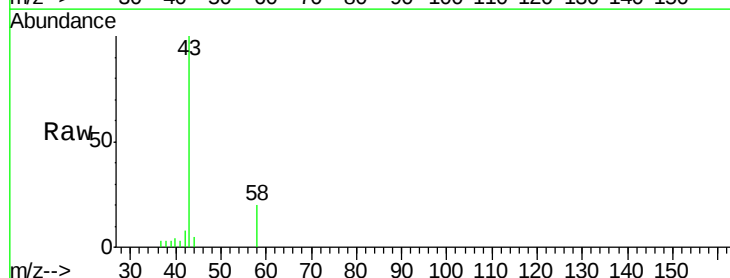
Acq: 6 May 2019 14:56

Tgt Ion: 43 Resp: 51628

Ion Ratio Lower Upper

43 100

58 19.9 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

20000

15000

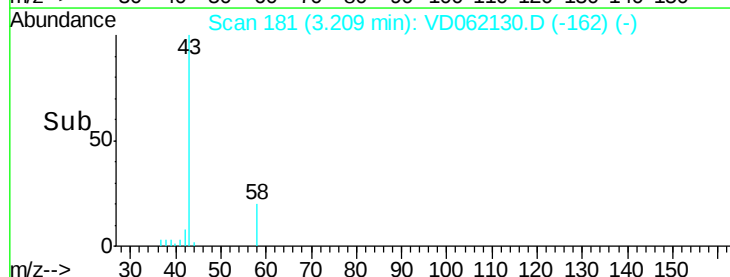
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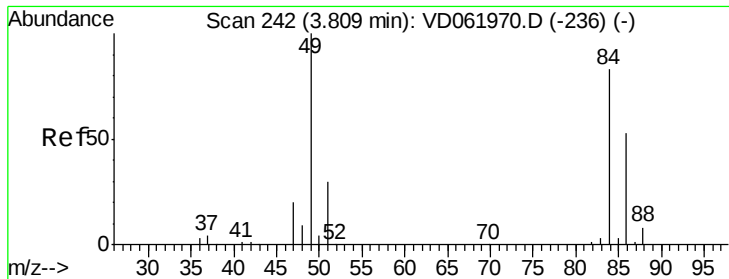
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0

3.10 3.20 3.30 3.40

Time-->

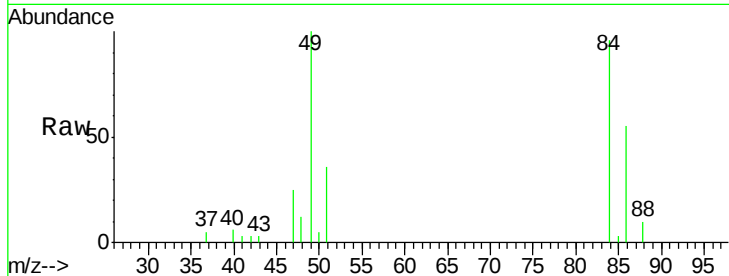




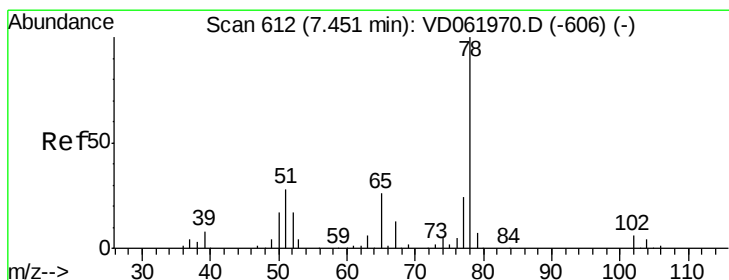
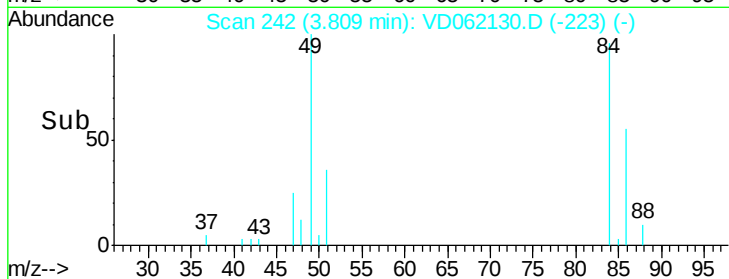
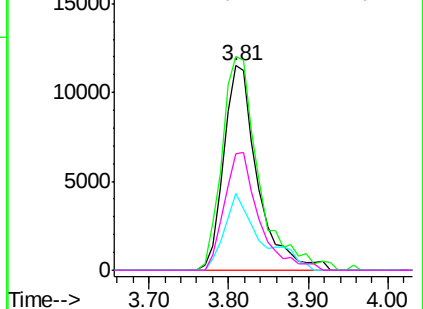
#20
Methylene Chloride
Concen: 7.782 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD062130.D
Acq: 6 May 2019 14:56

Instrument :
MSVOA_D
ClientSampleId :
TP-3RE

Tot Ion: 84 Resp: 34216
Ion Ratio Lower Upper
84 100
49 104.6 94.0 141.0
51 37.7 29.0 43.4
86 57.3 49.8 74.6

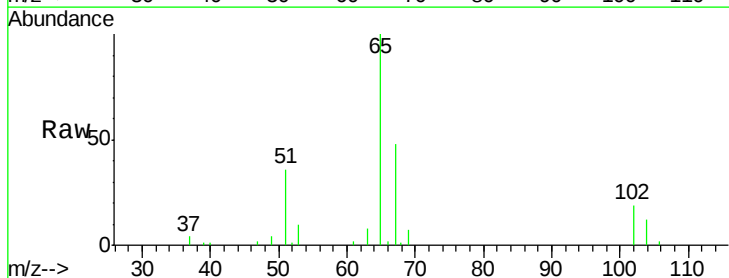


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

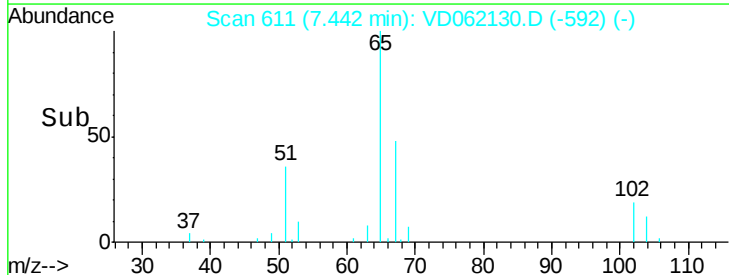
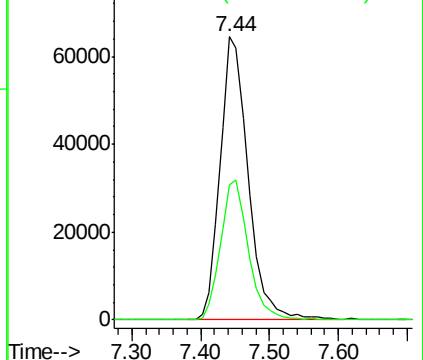


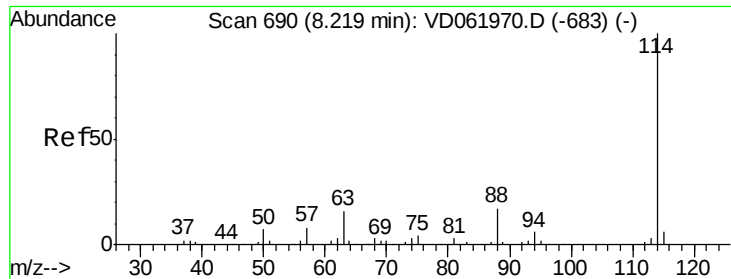
#33
1,2-Dichloroethane-d4
Concen: 64.827 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD062130.D
Acq: 6 May 2019 14:56

Tgt Ion: 65 Resp: 182175
Ion Ratio Lower Upper
65 100
67 47.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

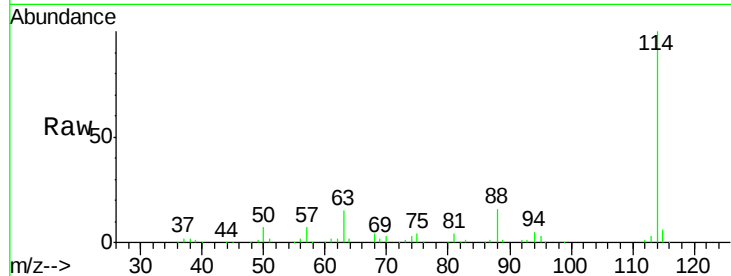




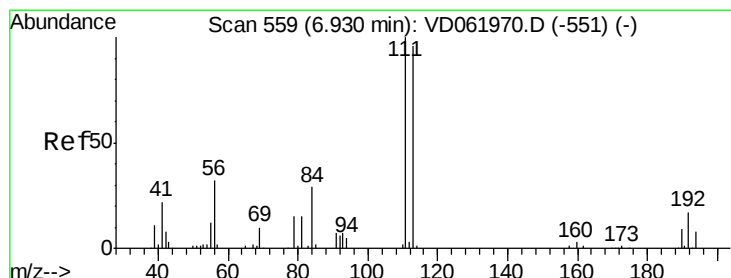
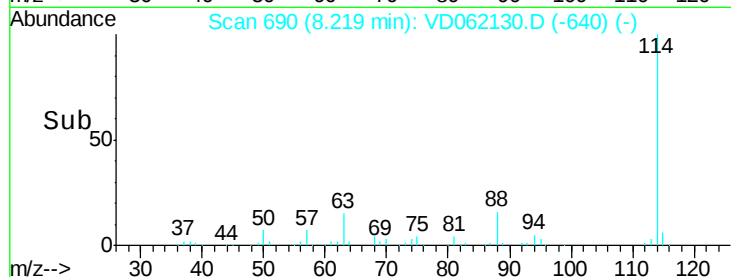
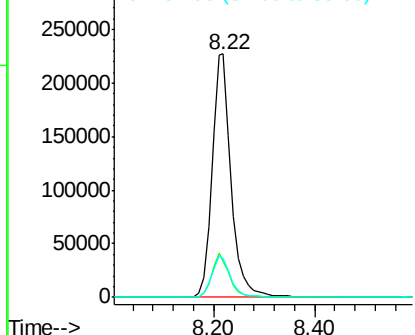
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062130.D
 Acq: 6 May 2019 14:56

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3RE

Tot Ion:114 Resp: 600919
 Ion Ratio Lower Upper
 114 100
 63 14.9 0.0 32.4
 88 15.8 0.0 33.6

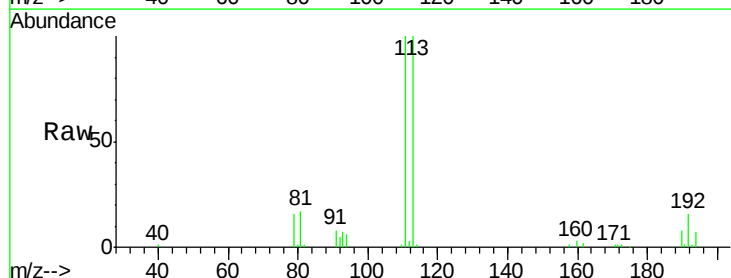


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

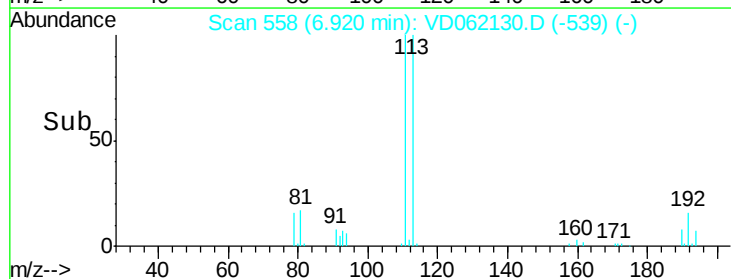
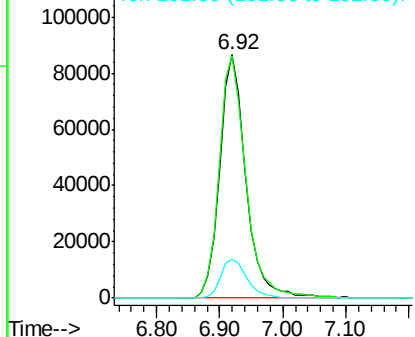


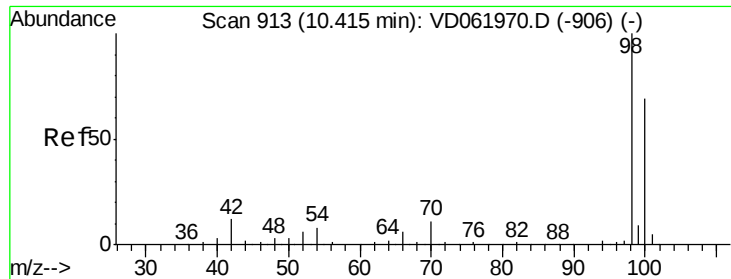
#35
 Dibromofluoromethane
 Concen: 60.246 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062130.D
 Acq: 6 May 2019 14:56

Tgt Ion:113 Resp: 250377
 Ion Ratio Lower Upper
 113 100
 111 99.6 78.5 117.7
 192 16.2 13.0 19.4



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

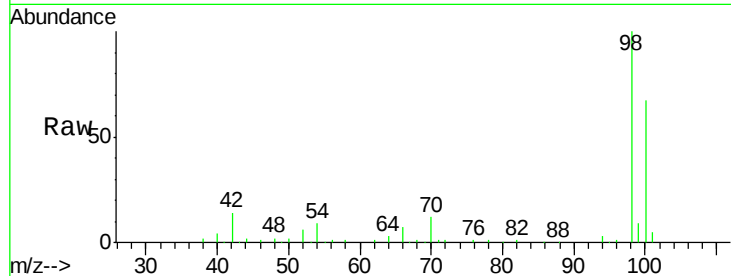




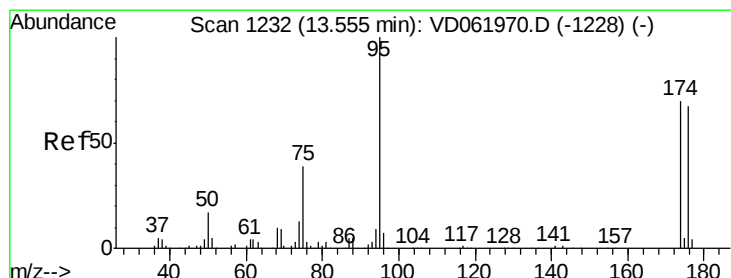
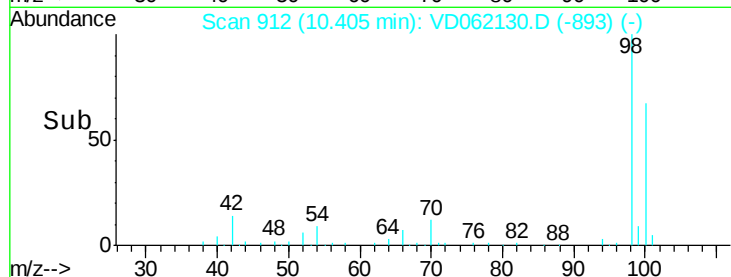
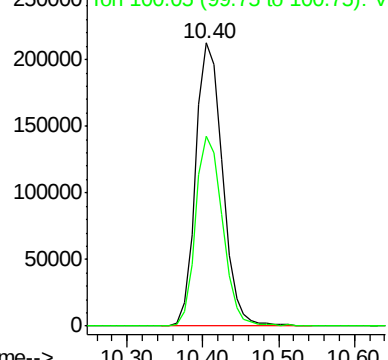
#50
Toluene-d8
Concen: 52.901 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062130.D
Acq: 6 May 2019 14:56

Instrument :
MSVOA_D
ClientSampleId :
TP-3RE

Tot Ion: 98 Resp: 523145
Ion Ratio Lower Upper
98 100
100 67.3 53.8 80.8

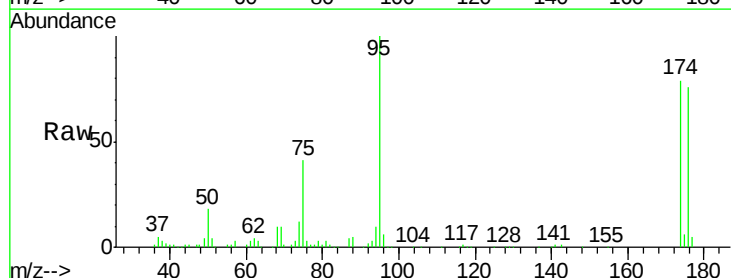


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

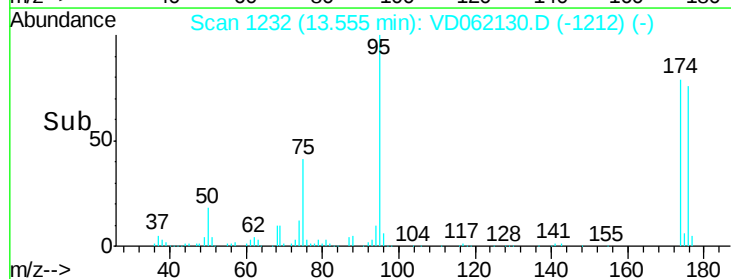
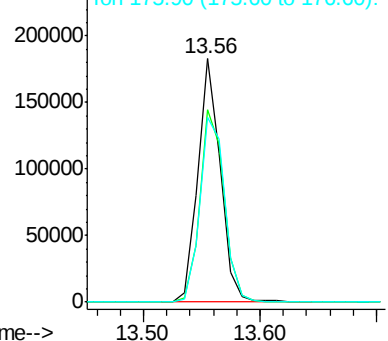


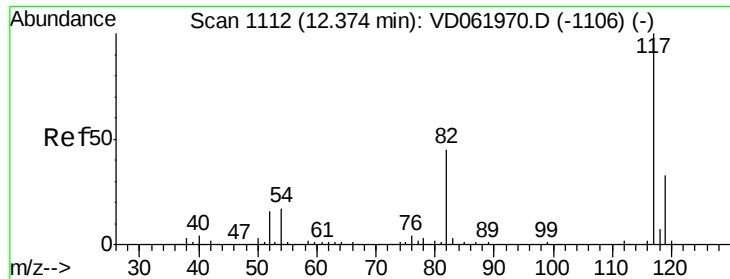
#62
4-Bromofluorobenzene
Concen: 61.671 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062130.D
Acq: 6 May 2019 14:56

Tgt Ion: 95 Resp: 244615
Ion Ratio Lower Upper
95 100
174 79.0 0.0 181.8
176 75.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)
Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

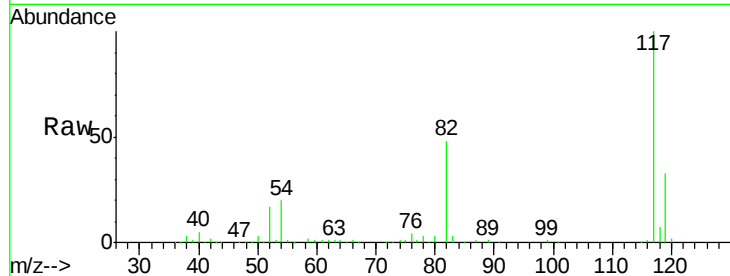




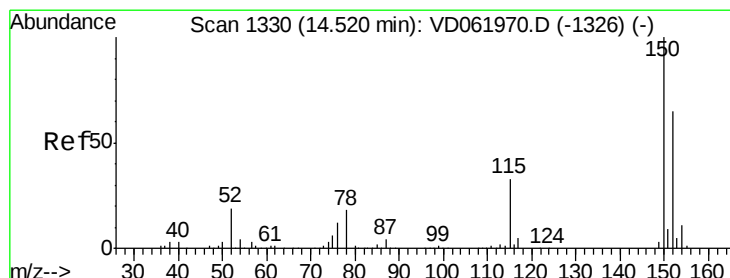
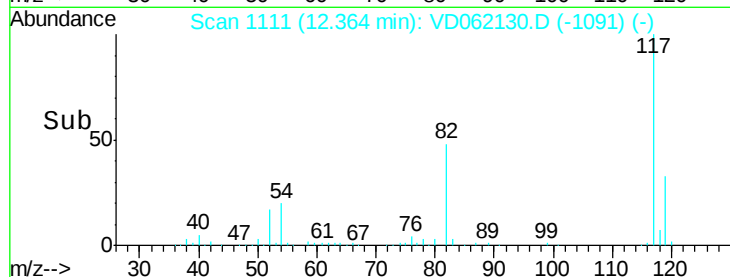
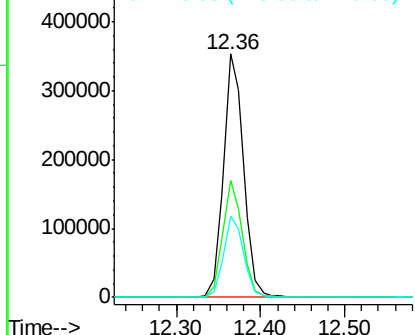
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062130.D
Acq: 6 May 2019 14:56

Instrument :
MSVOA_D
ClientSampleId :
TP-3RE

Tot Ion:117 Resp: 581618
Ion Ratio Lower Upper
117 100
82 48.0 36.2 54.2
119 33.2 26.2 39.4

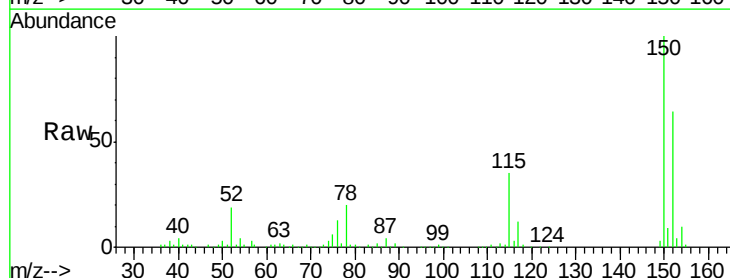


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

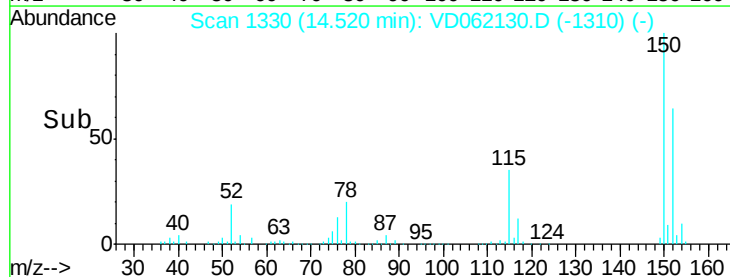
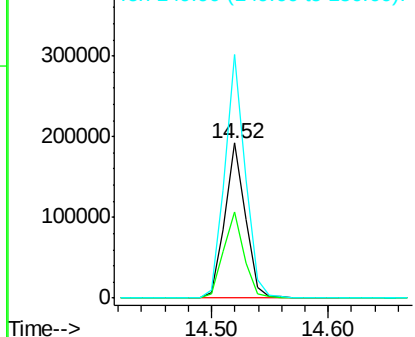


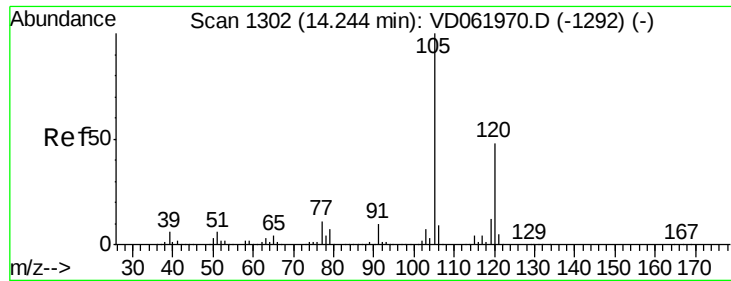
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062130.D
Acq: 6 May 2019 14:56

Tgt Ion:152 Resp: 236422
Ion Ratio Lower Upper
152 100
115 55.6 30.9 92.7
150 157.4 0.0 314.8



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

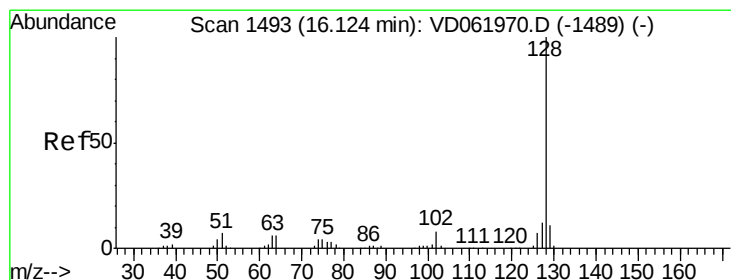
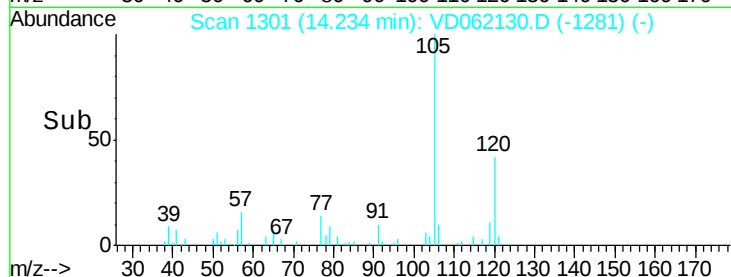
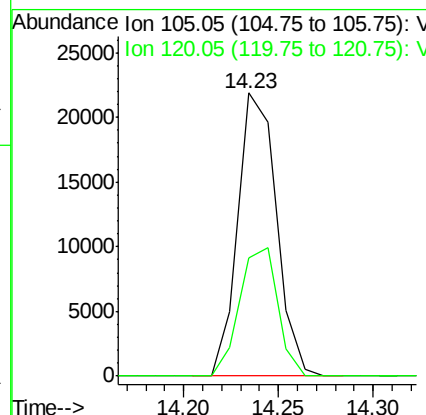
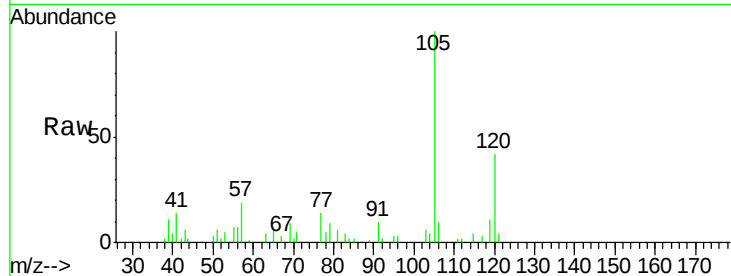




#84
 1,2,4-Trimethylbenzene
 Concen: 2.560 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VD062130.D
 Acq: 6 May 2019 14:56

Instrument :
 MSVOA_D
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Tot Ion:105 Resp: 30734
 Ion Ratio Lower Upper
 105 100
 120 41.9 23.1 69.2



#95
 Naphthalene
 Concen: 2.253 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VD062130.D
 Acq: 6 May 2019 14:56

Tgt Ion:128 Resp: 12828
 Ion Ratio Lower Upper
 128 100
 127 11.4 9.8 14.8
 129 11.8 8.8 13.2

