

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062405.D
 Acq On : 15 May 2019 23:08
 Operator : FY/SY
 Sample : K2644-01
 Misc : 7.41g/5mL/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-051519-A

Quant Time: May 16 04:59:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

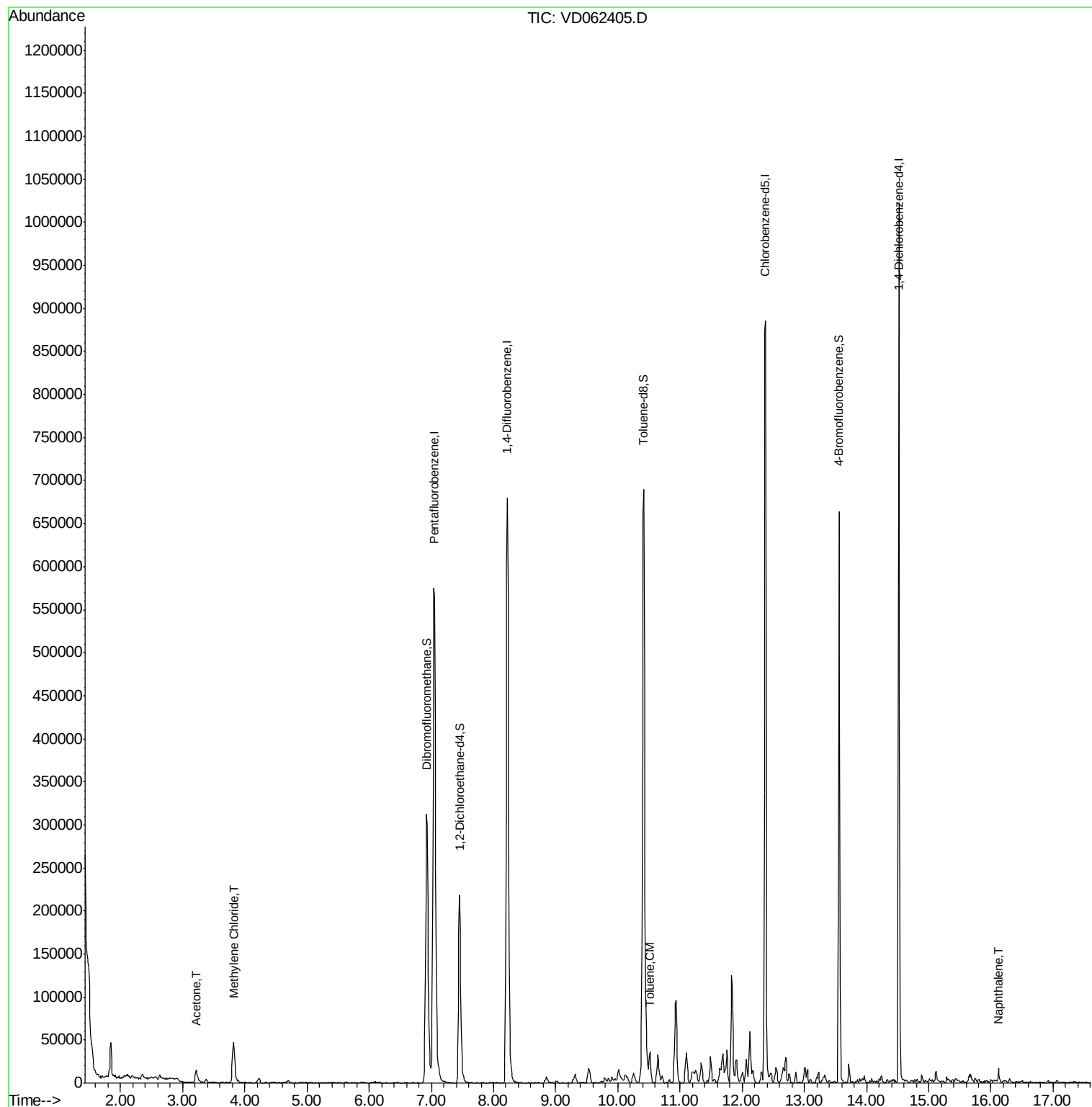
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	547288	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	724809	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	497249	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	201040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	232752	45.76	ug/l	0.03
Spiked Amount 50.000			Recovery	=	91.52%	
35) Dibromofluoromethane	6.92	113	275253	45.77	ug/l	0.03
Spiked Amount 50.000			Recovery	=	91.54%	
50) Toluene-d8	10.42	98	537629	37.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.16%	
62) 4-Bromofluorobenzene	13.55	95	182466	31.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.68%	
Target Compounds						
16) Acetone	3.22	43	26970	25.286	ug/l #	85
20) Methylene Chloride	3.81	84	33116	7.436	ug/l	91
52) Toluene	10.51	92	17746	2.032	ug/l	98
95) Naphthalene	16.12	128	9507	1.843	ug/l #	92

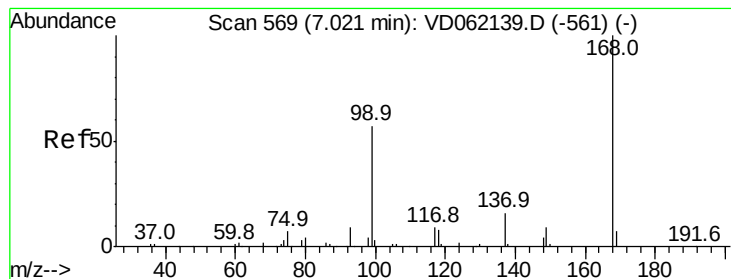
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051519\
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QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062405.D

Acq: 15 May 2019 23:08

Instrument :

MSVOA_D

ClientSampleId :

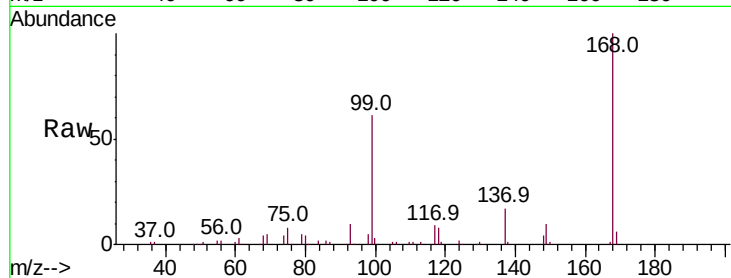
EO-01-051519-A

Tot Ion:168 Resp: 547288

Ion Ratio Lower Upper

168 100

99 60.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

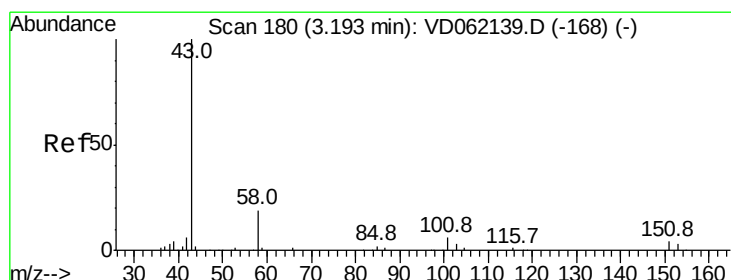
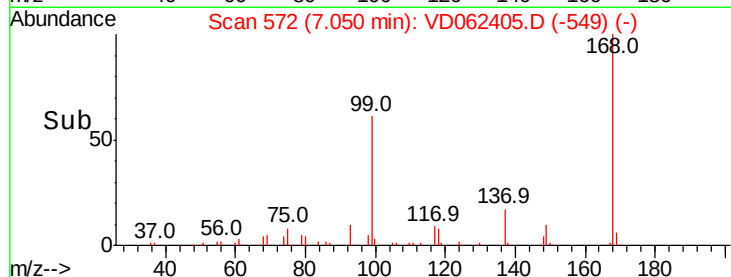
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 25.286 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062405.D

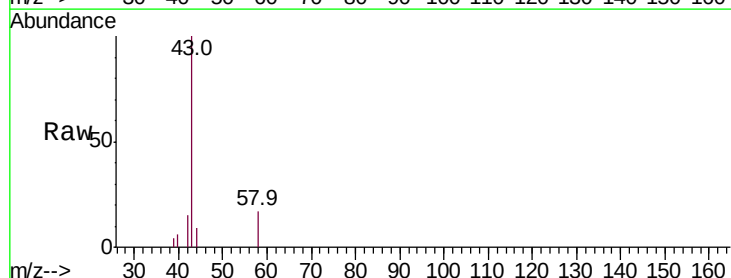
Acq: 15 May 2019 23:08

Tgt Ion: 43 Resp: 26970

Ion Ratio Lower Upper

43 100

58 17.2 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

10000

8000

6000

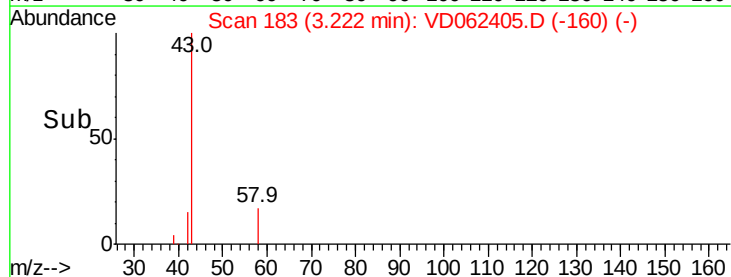
4000

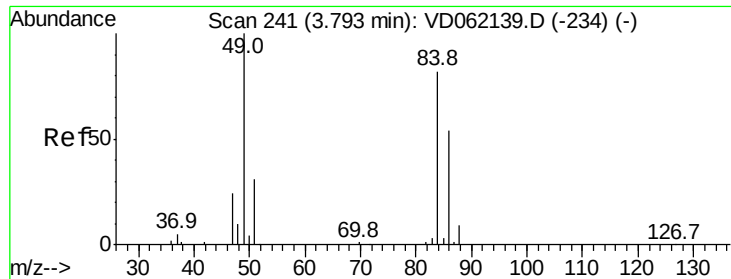
2000

0

3.10 3.20 3.30

Time-->

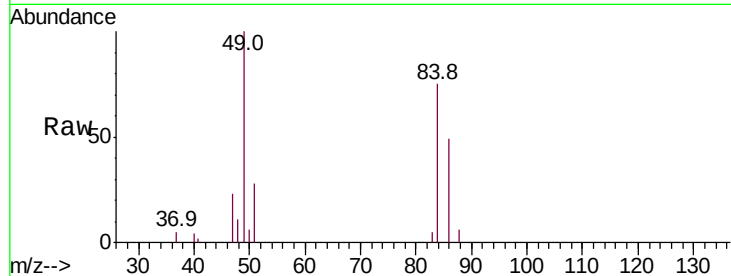




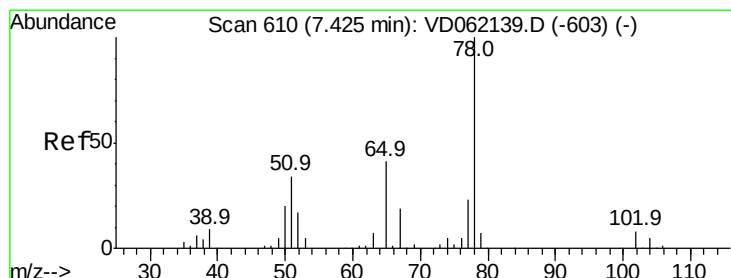
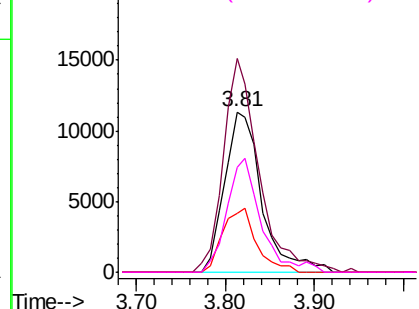
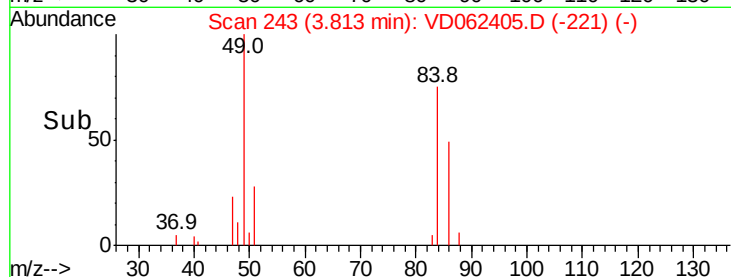
#20
Methylene Chloride
Concen: 7.436 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062405.D
Acq: 15 May 2019 23:08

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051519-A

Tot Ion: 84 Resp: 33116
Ion Ratio Lower Upper
84 100
49 133.2 94.0 141.0
51 36.7 29.0 43.4
86 65.5 49.8 74.6

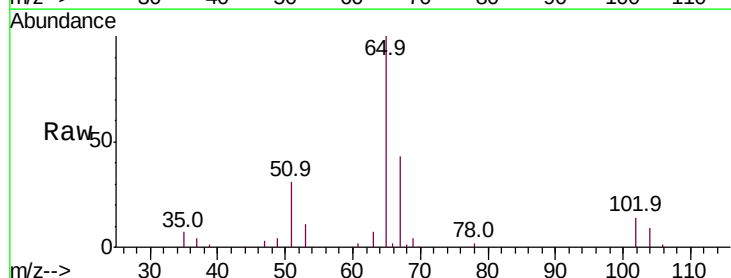


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

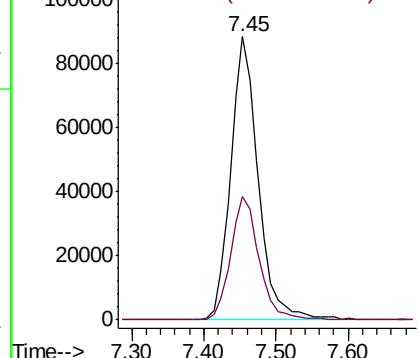
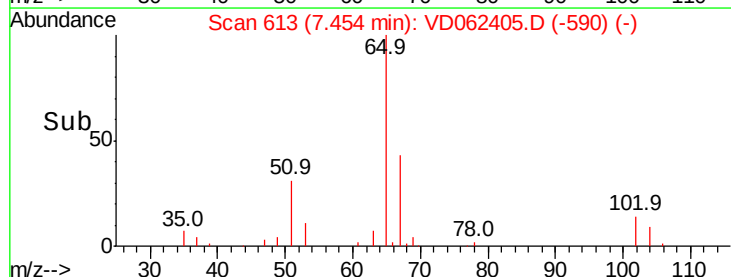


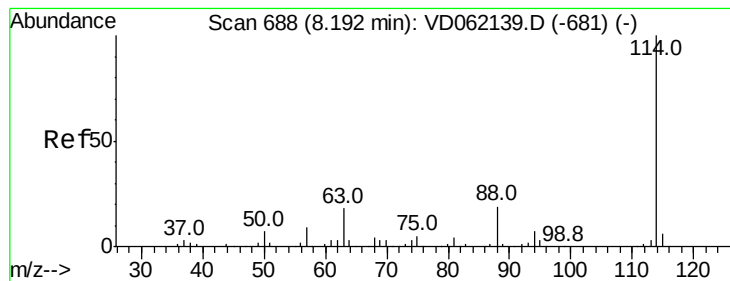
#33
1,2-Dichloroethane-d4
Concen: 45.763 ug/l
RT: 7.45 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD062405.D
Acq: 15 May 2019 23:08

Tgt Ion: 65 Resp: 232752
Ion Ratio Lower Upper
65 100
67 43.4 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# 691

Delta R.T. 0.03 min

Lab File: VD062405.D

Acq: 15 May 2019 23:08

Instrument :

MSVOA_D

ClientSampleId :

EO-01-051519-A

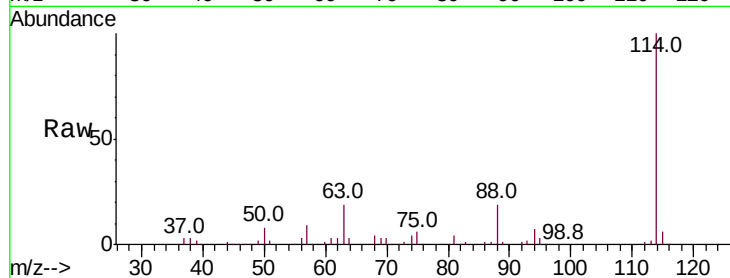
Tot Ion:114 Resp: 724809

Ion Ratio Lower Upper

114 100

63 19.3 0.0 32.4

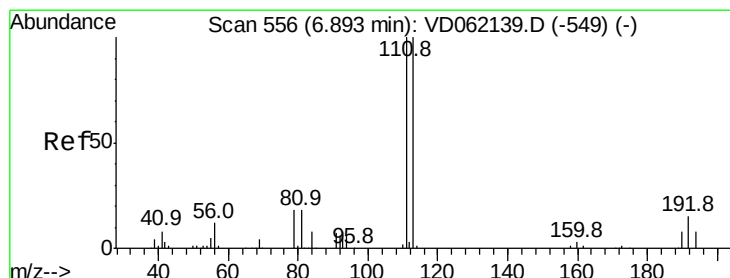
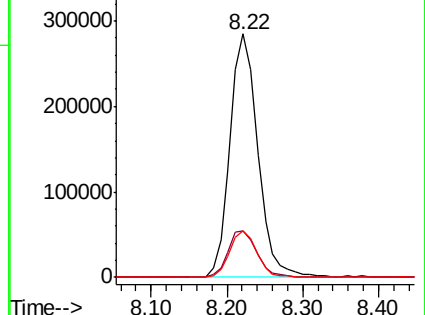
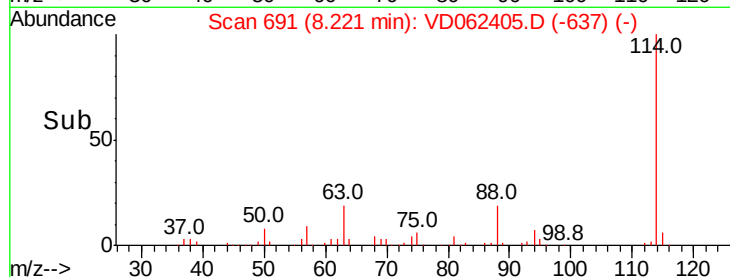
88 18.8 0.0 33.6



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: 45.770 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062405.D

Acq: 15 May 2019 23:08

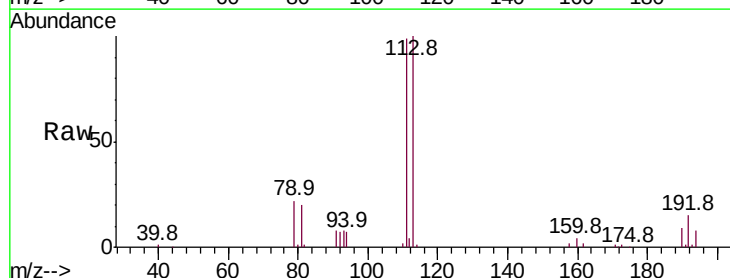
Tgt Ion:113 Resp: 275253

Ion Ratio Lower Upper

113 100

111 99.2 78.5 117.7

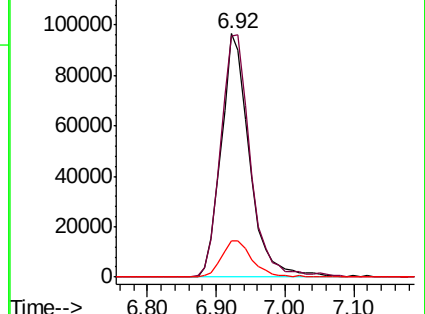
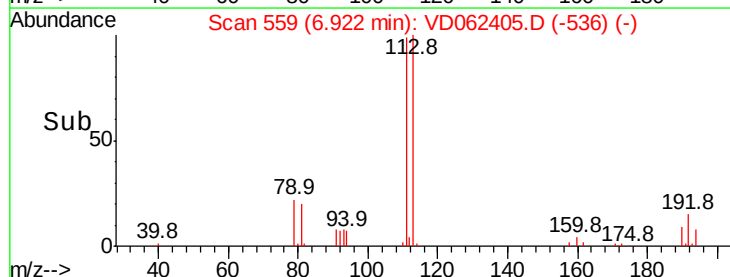
192 14.8 13.0 19.4

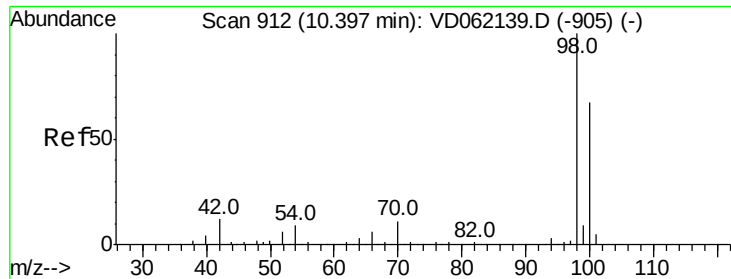


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

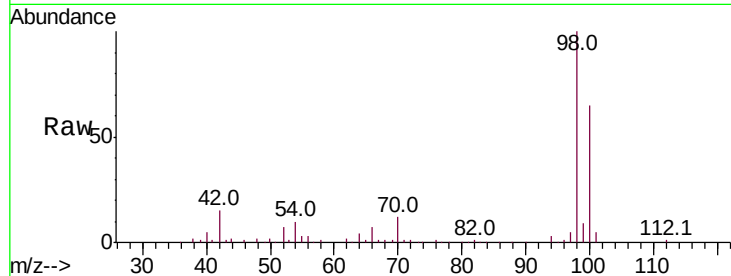




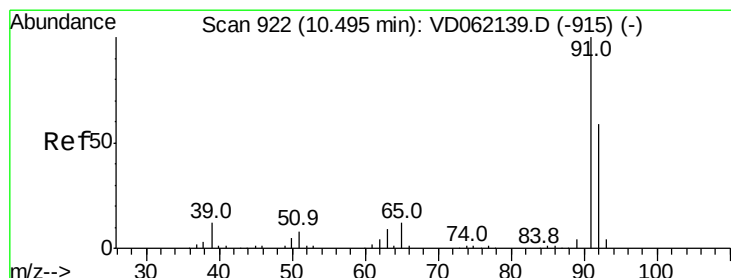
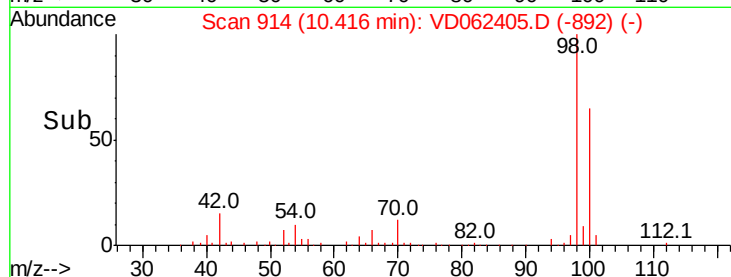
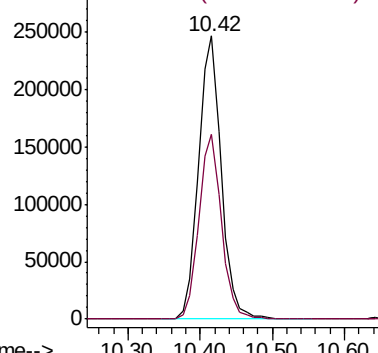
#50
Toluene-d8
Concen: 37.078 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD062405.D
Acq: 15 May 2019 23:08

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051519-A

Tot Ion: 98 Resp: 537629
Ion Ratio Lower Upper
98 100
100 65.1 53.8 80.8

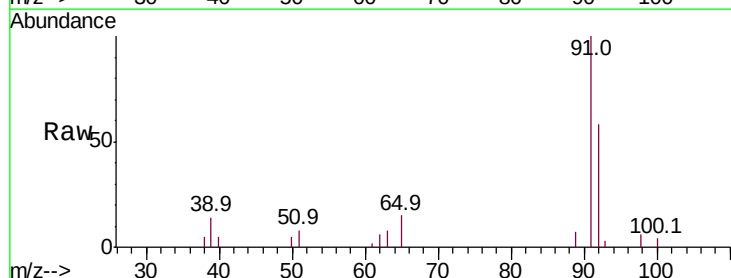


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

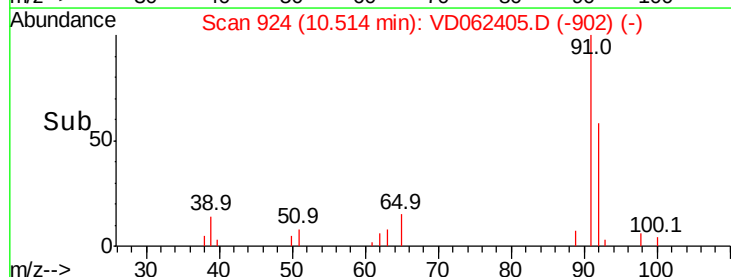
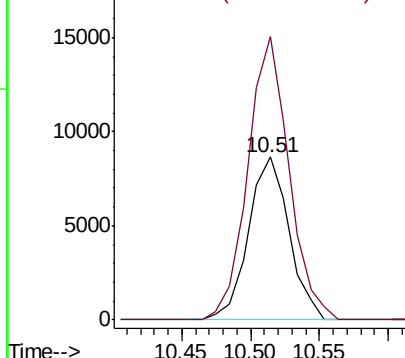


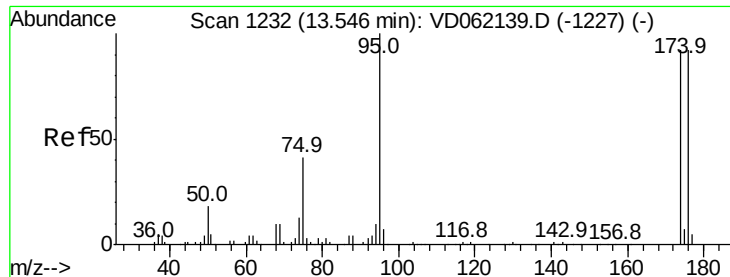
#52
Toluene
Concen: 2.032 ug/l
RT: 10.51 min Scan# 924
Delta R.T. 0.02 min
Lab File: VD062405.D
Acq: 15 May 2019 23:08

Tgt Ion: 92 Resp: 17746
Ion Ratio Lower Upper
92 100
91 173.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: 31.338 ug/l

RT: 13.55 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062405.D

Acq: 15 May 2019 23:08

Instrument :

MSVOA_D

ClientSampleId :

EO-01-051519-A

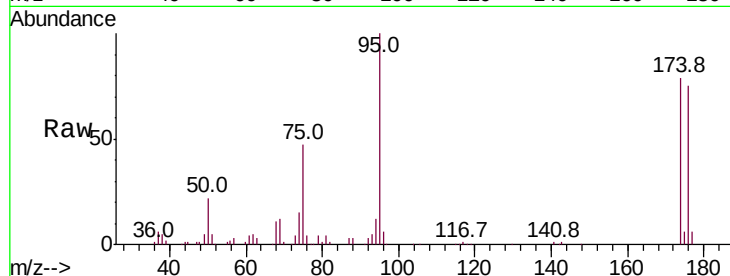
Tot Ion: 95 Resp: 182466

Ion Ratio Lower Upper

95 100

174 78.5 0.0 181.8

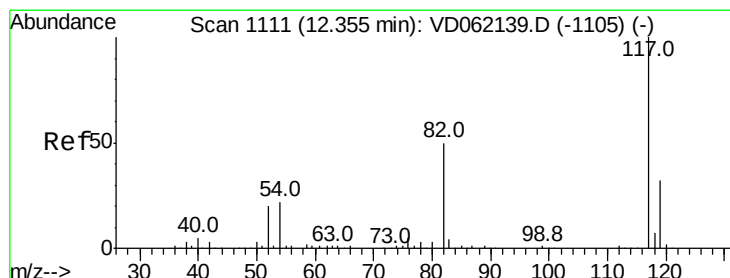
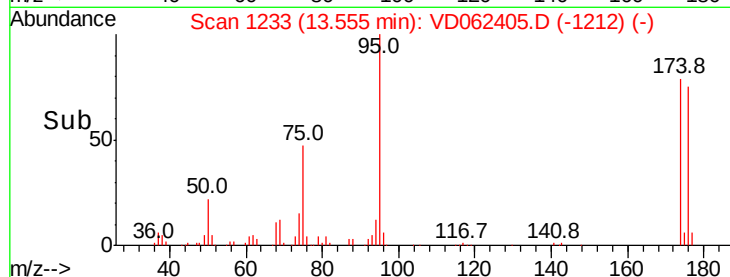
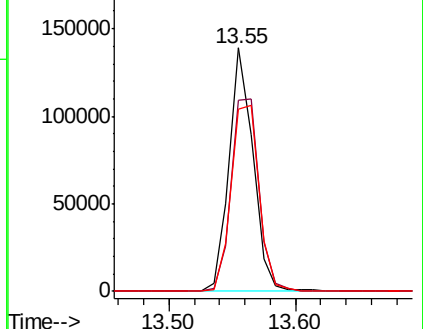
176 75.0 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062405.D

Acq: 15 May 2019 23:08

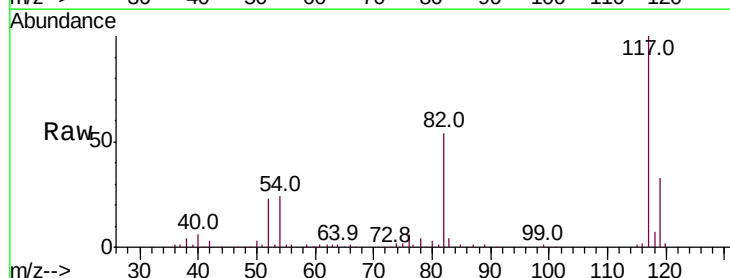
Tgt Ion: 117 Resp: 497249

Ion Ratio Lower Upper

117 100

82 53.9 36.2 54.2

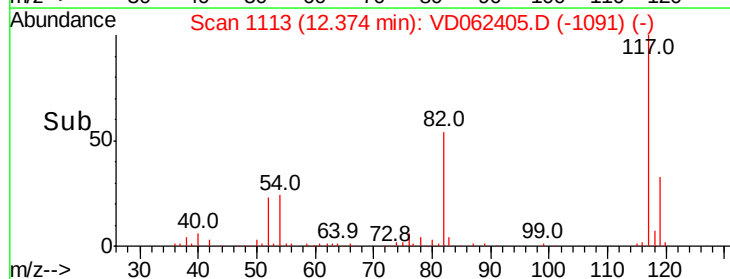
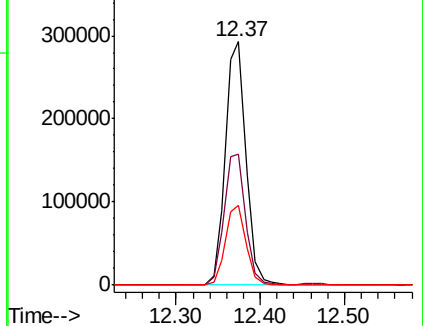
119 32.8 26.2 39.4

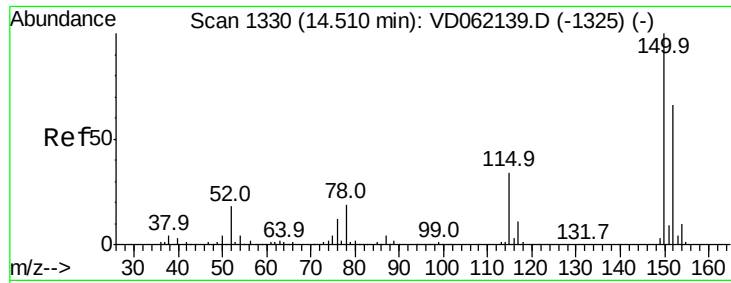


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

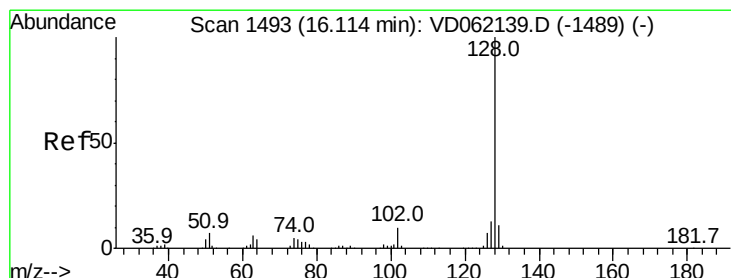
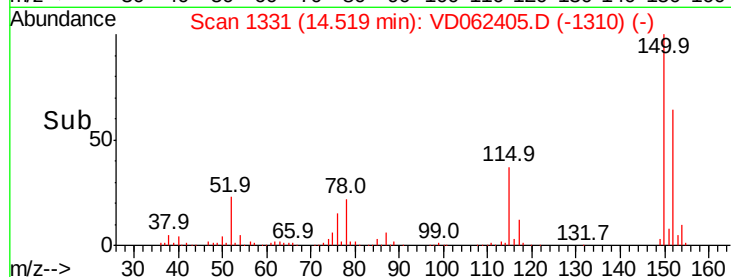
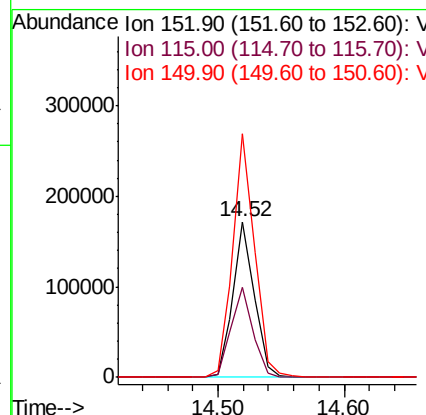
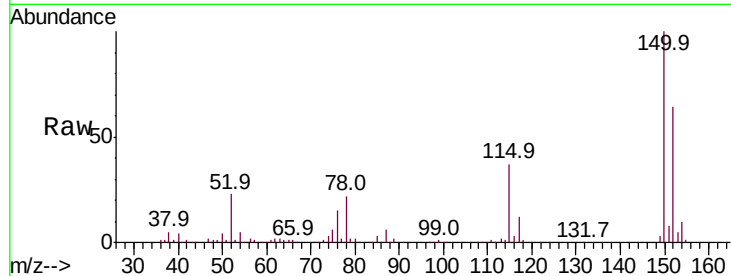




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062405.D
 Acq: 15 May 2019 23:08

Instrument :
 MSVOA_D
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 EO-01-051519-A

Tot Ion:152 Resp: 201040
 Ion Ratio Lower Upper
 152 100
 115 58.1 30.9 92.7
 150 156.4 0.0 314.8



#95
 Naphthalene
 Concen: 1.843 ug/l
 RT: 16.12 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: VD062405.D
 Acq: 15 May 2019 23:08

Tgt Ion:128 Resp: 9507
 Ion Ratio Lower Upper
 128 100
 127 7.7 9.8 14.8#
 129 9.7 8.8 13.2

