

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061872.D
 Acq On : 18 Apr 2019 14:13
 Operator : VA/AP
 Sample : K2397-14
 Misc : 3.49g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-D2

Quant Time: Apr 18 14:44:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

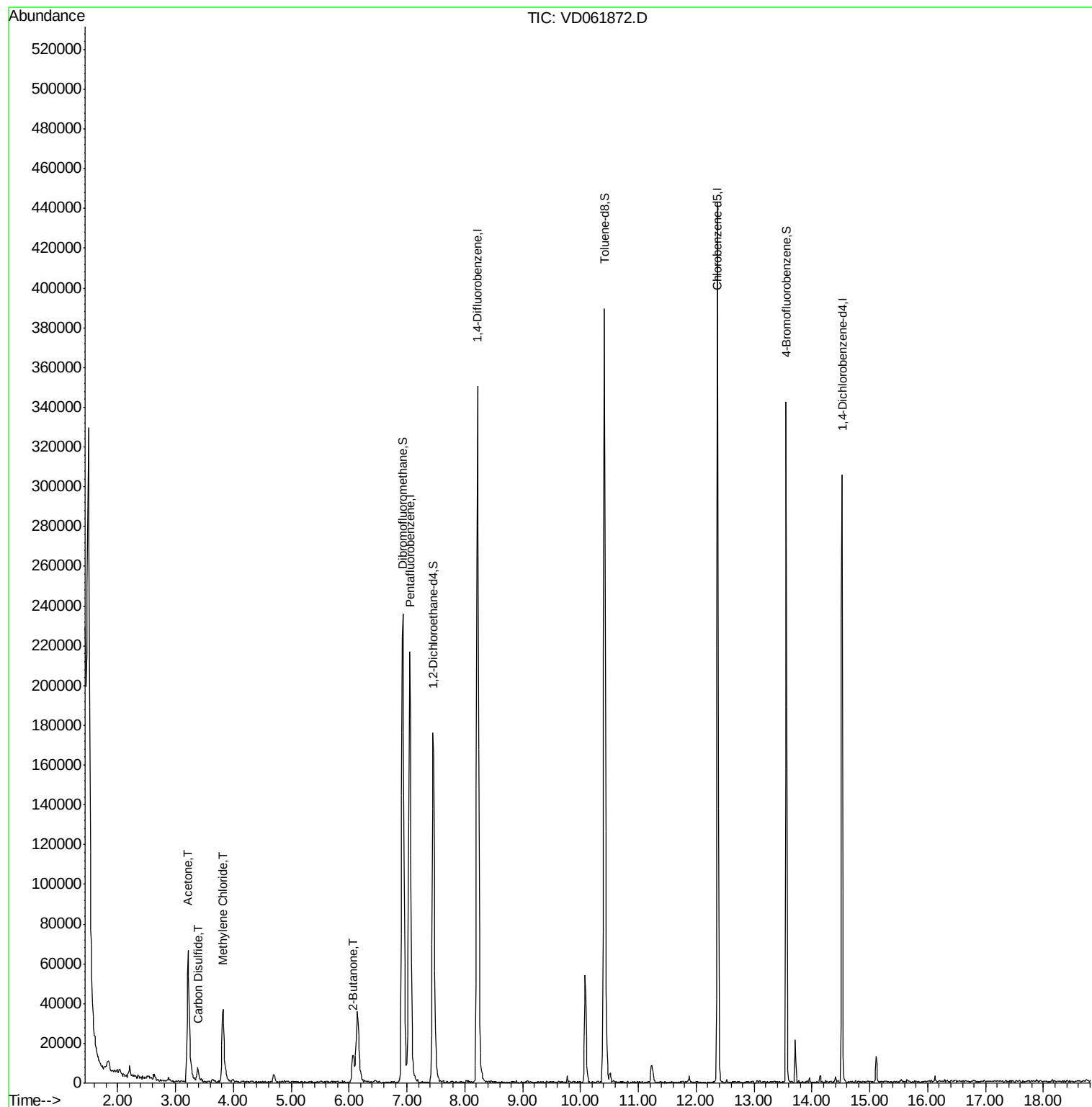
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	225924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	407441	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	276794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	73020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	175944	92.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	185.84%	
35) Dibromofluoromethane	6.93	113	221932	72.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.20%	
50) Toluene-d8	10.42	98	358127	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	13.56	95	96204	32.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.08%	
Target Compounds						
16) Acetone	3.22	43	130969	280.648	ug/l	94
17) Carbon Disulfide	3.39	76	11796	1.722	ug/l #	93
20) Methylene Chloride	3.82	84	27529	8.016	ug/l #	87
25) 2-Butanone	6.06	43	39832	74.973	ug/l	100

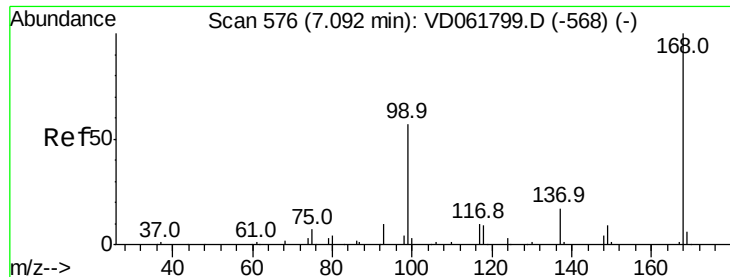
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061872.D

Acq: 18 Apr 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

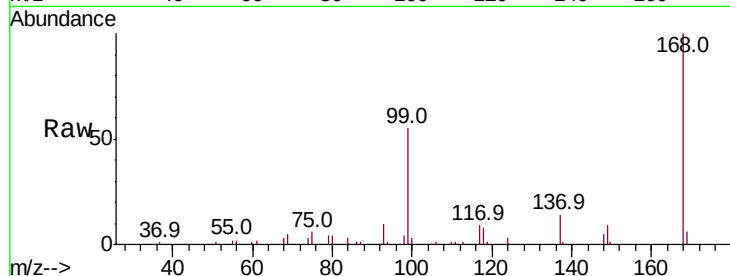
TP-3-D2

Tot Ion:168 Resp: 225924

Ion Ratio Lower Upper

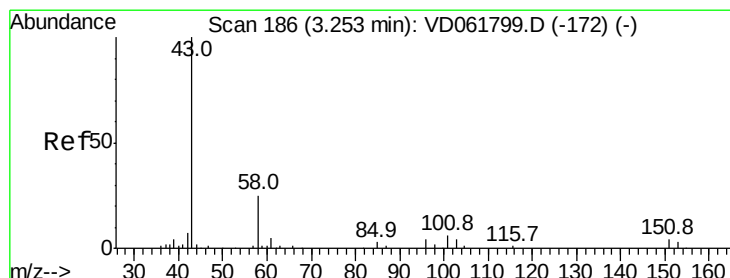
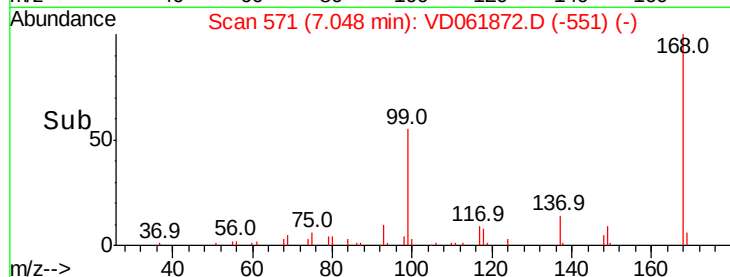
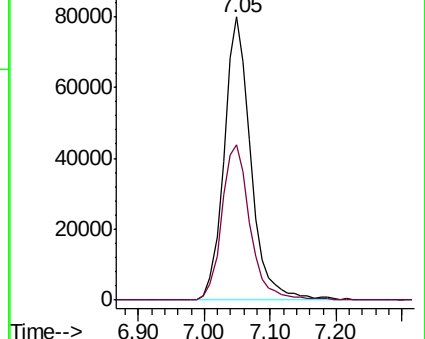
168 100

99 54.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 280.648 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061872.D

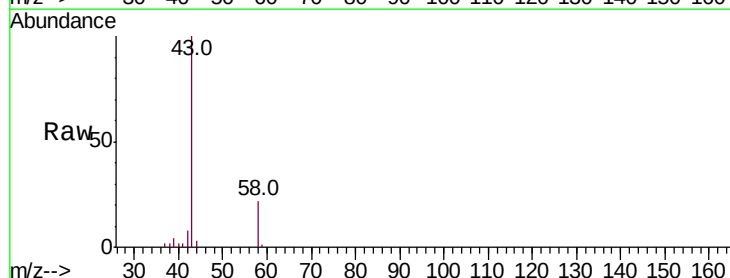
Acq: 18 Apr 2019 14:13

Tgt Ion: 43 Resp: 130969

Ion Ratio Lower Upper

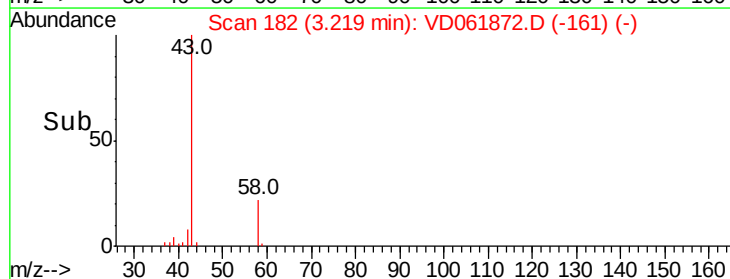
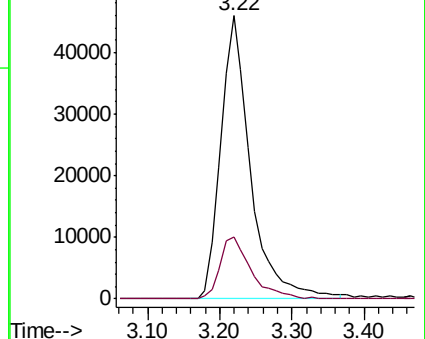
43 100

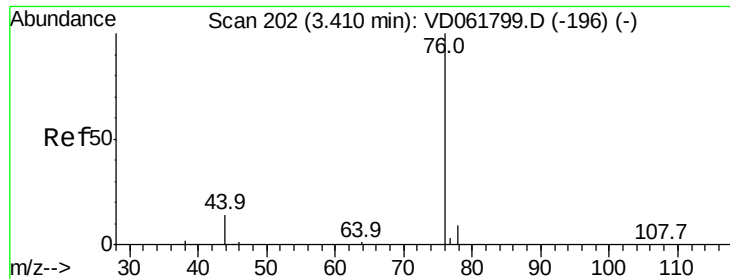
58 21.8 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.722 ug/l

RT: 3.39 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD061872.D

Acq: 18 Apr 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

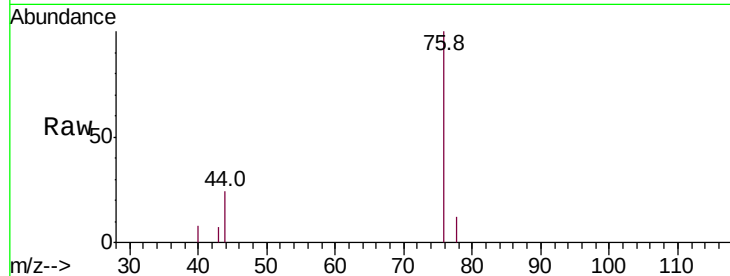
TP-3-D2

Tot Ion: 76 Resp: 11796

Ion Ratio Lower Upper

76 100

78 11.6 7.2 10.8#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.39

6000

5000

4000

3000

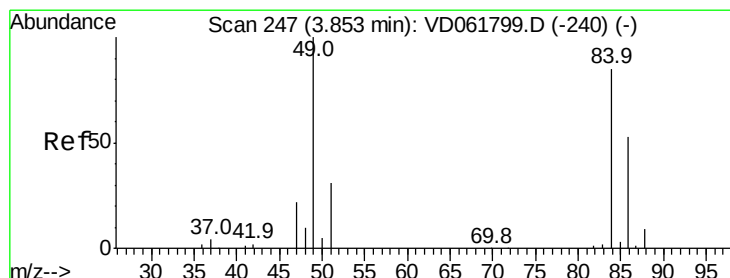
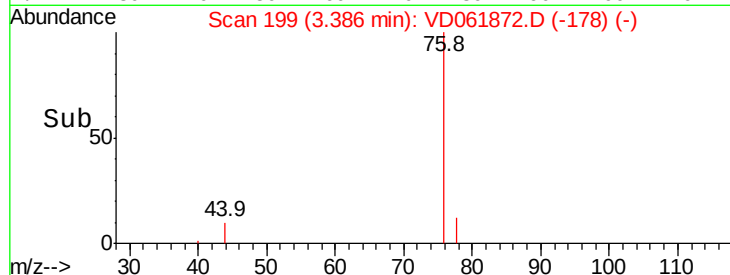
2000

1000

0

Time-->

3.30 3.35 3.40 3.45 3.50



#20

Methylene Chloride

Concen: 8.016 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061872.D

Acq: 18 Apr 2019 14:13

Tgt Ion: 84 Resp: 27529

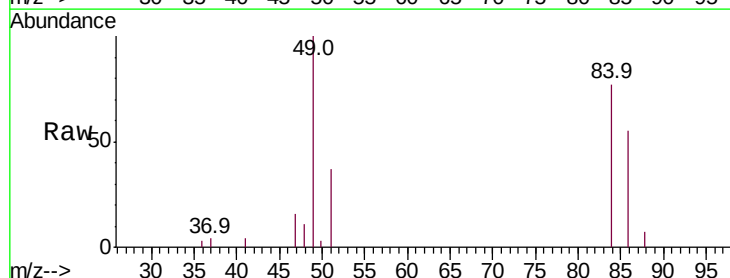
Ion Ratio Lower Upper

84 100

49 129.6 94.0 141.0

51 47.5 29.0 43.4#

86 71.8 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

15000

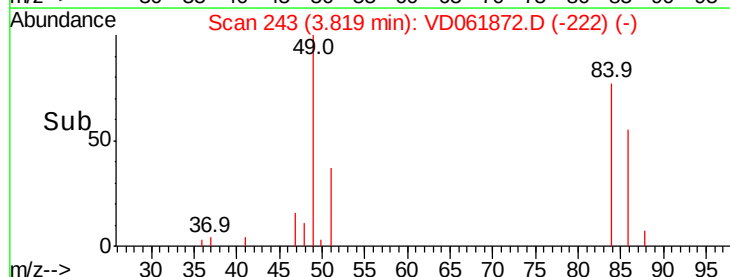
10000

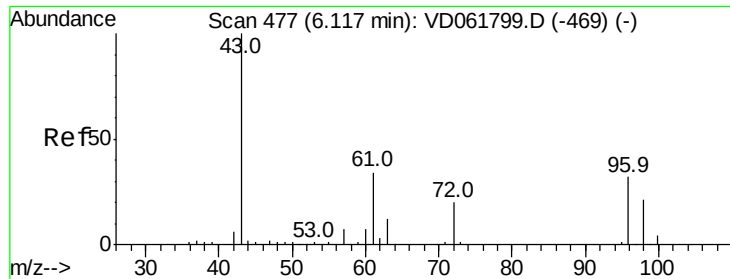
5000

0

Time-->

3.70 3.80 3.90





#25

2-Butanone

Concen: 74.973 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.00 min

Lab File: VD061872.D

Acq: 18 Apr 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

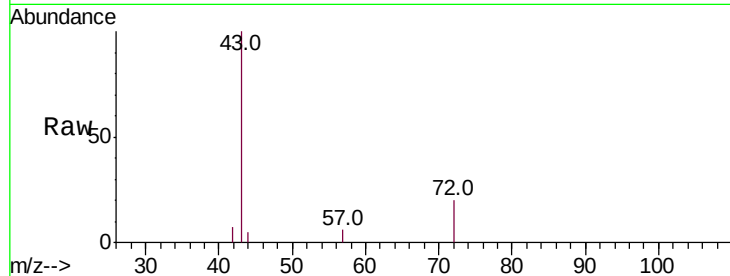
TP-3-D2

Tot Ion: 43 Resp: 39832

Ion Ratio Lower Upper

43 100

72 20.2 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

12000

10000

8000

6000

4000

2000

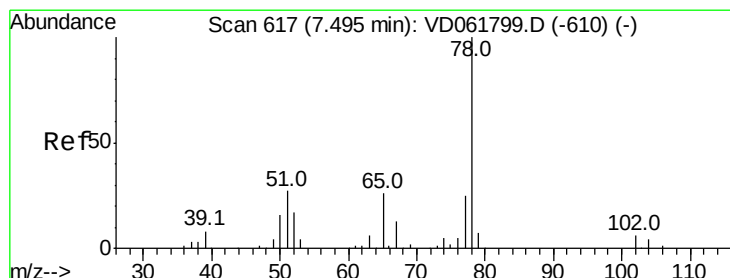
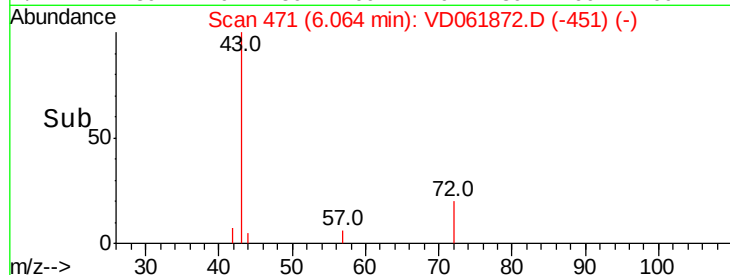
0

6.06

6.10

6.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061872.D

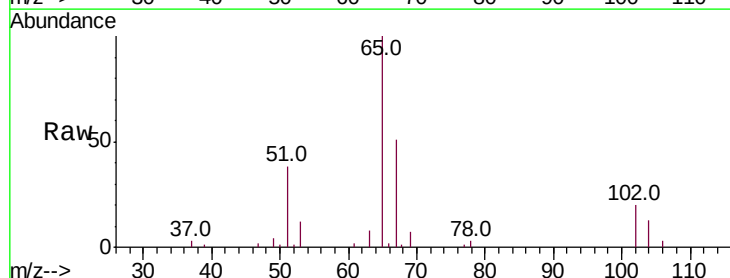
Acq: 18 Apr 2019 14:13

Tgt Ion: 65 Resp: 175944

Ion Ratio Lower Upper

65 100

67 51.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

60000

40000

20000

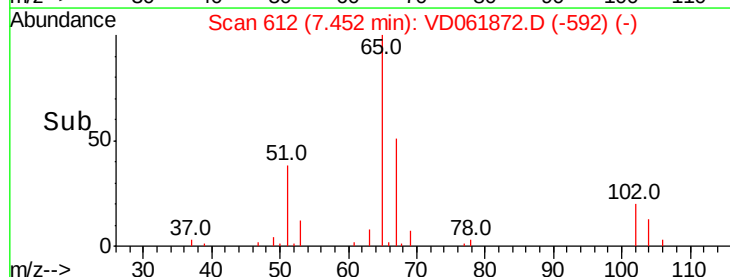
0

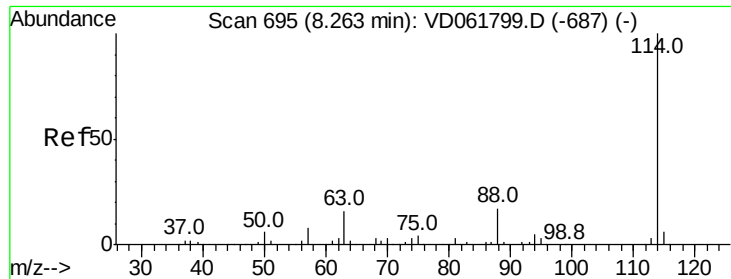
7.45

7.50

7.60

Time-->

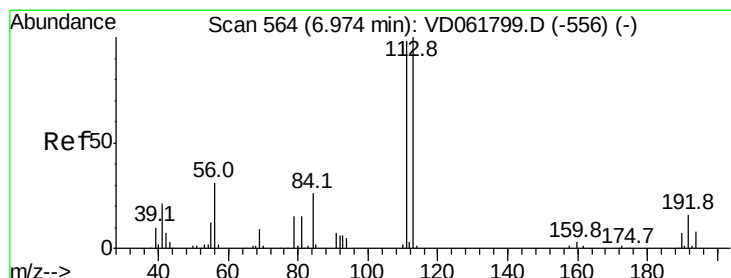
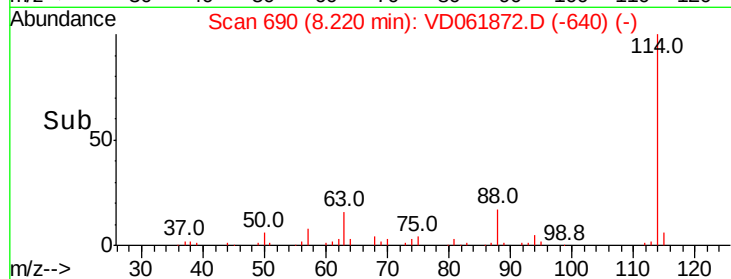
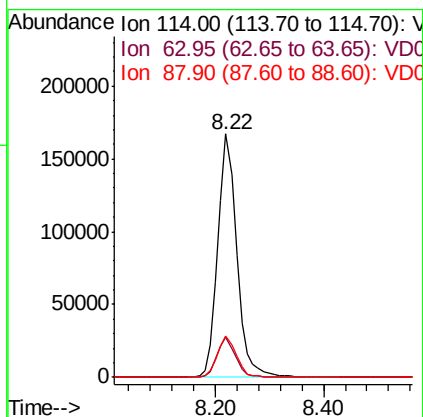
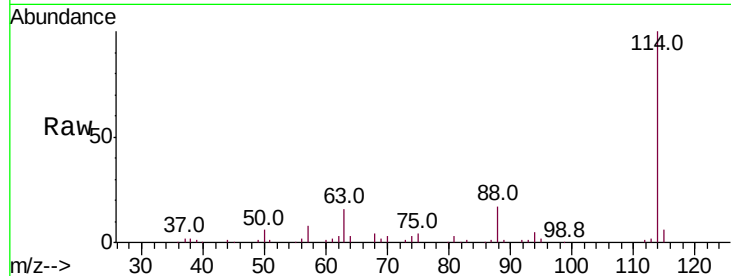




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061872.D
 Acq: 18 Apr 2019 14:13

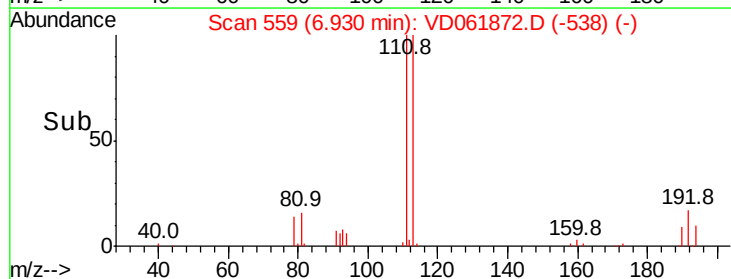
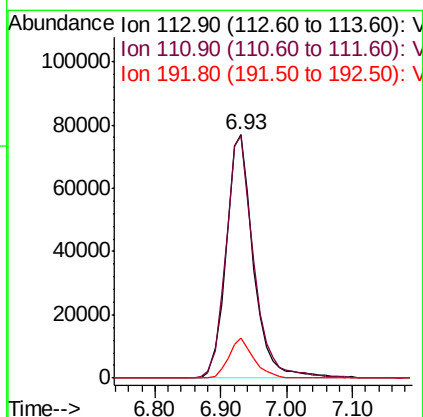
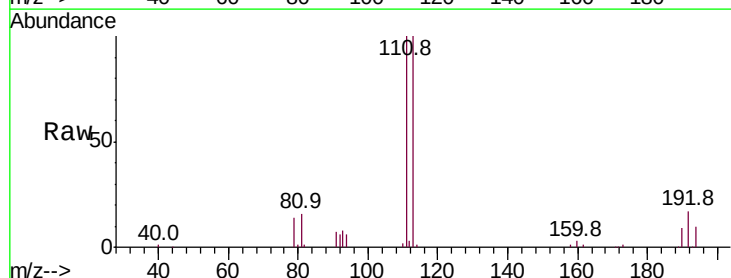
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-D2

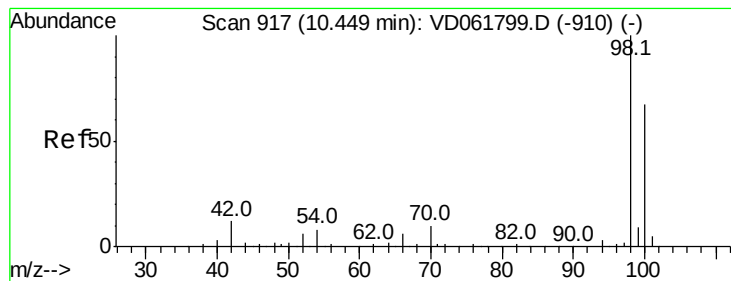
Tot Ion:114 Resp: 407441
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 32.4
 88 16.9 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061872.D
 Acq: 18 Apr 2019 14:13

Tgt Ion:113 Resp: 221932
 Ion Ratio Lower Upper
 113 100
 111 99.7 78.5 117.7
 192 16.5 13.0 19.4





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061872.D

Acq: 18 Apr 2019 14:13

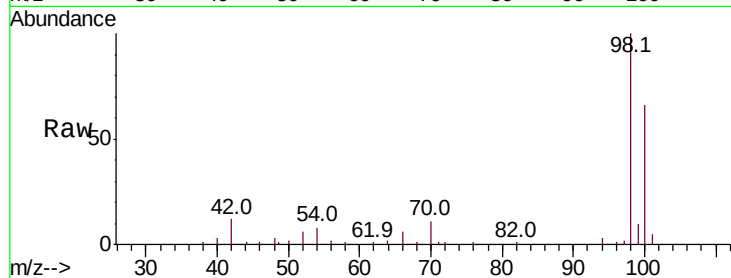
Instrument :
MSVOA_D
ClientSampleId :
TP-3-D2

Tot Ion: 98 Resp: 358127

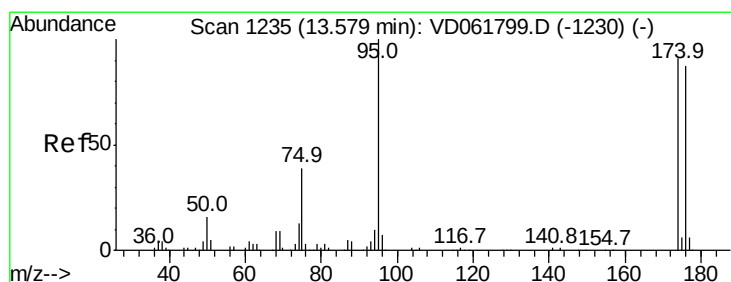
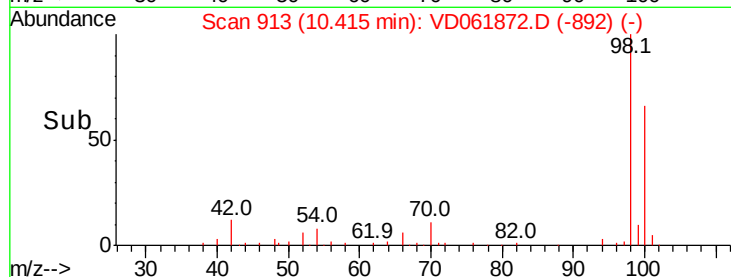
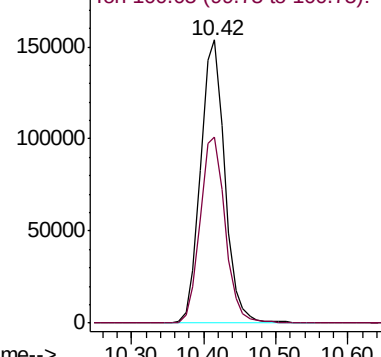
Ion Ratio Lower Upper

98 100

100 65.9 53.8 80.8



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



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061872.D

Acq: 18 Apr 2019 14:13

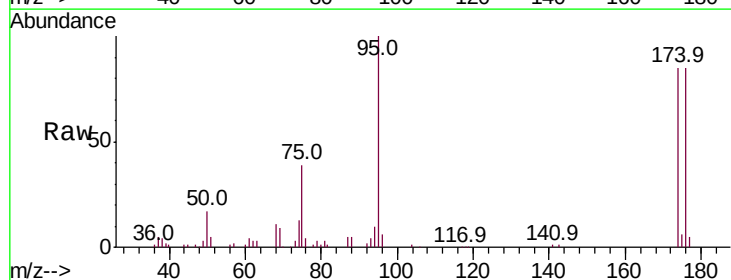
Tgt Ion: 95 Resp: 96204

Ion Ratio Lower Upper

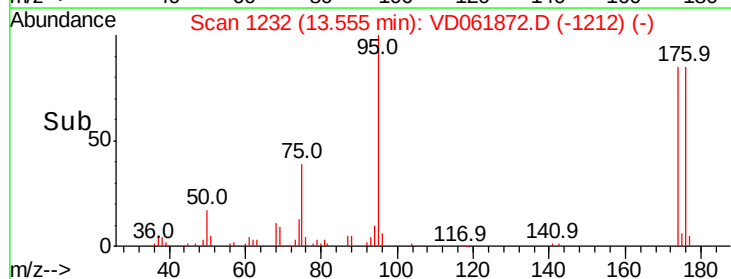
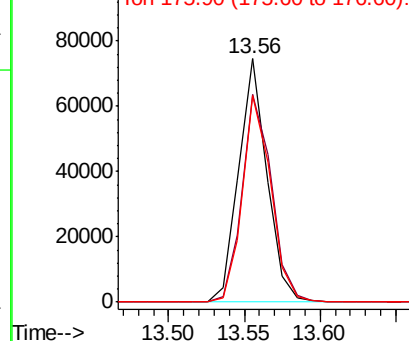
95 100

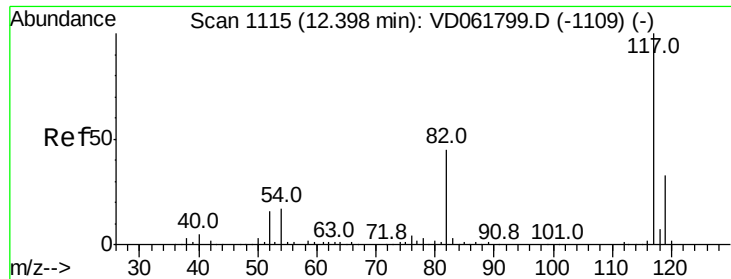
174 85.3 0.0 181.8

176 84.8 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

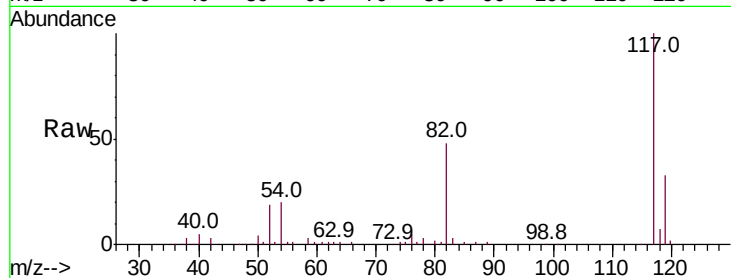




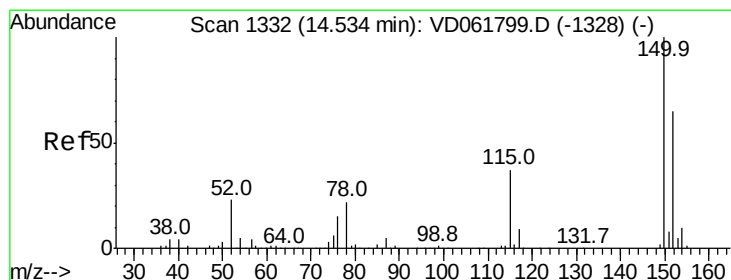
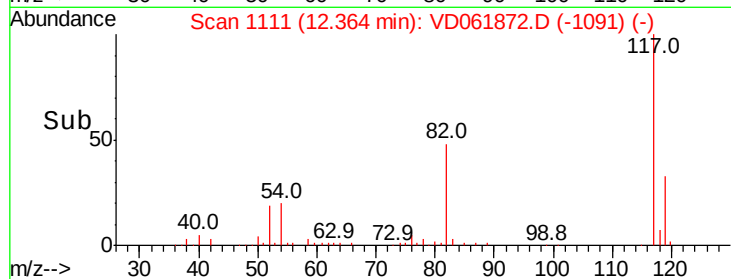
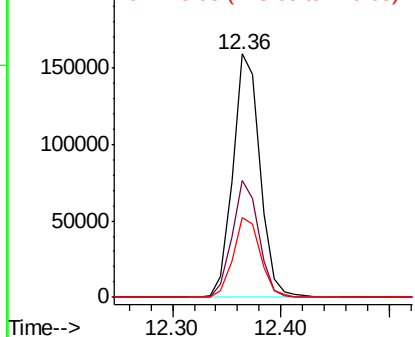
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VD061872.D
 Acq: 18 Apr 2019 14:13

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-D2

Tot Ion:117 Resp: 276794
 Ion Ratio Lower Upper
 117 100
 82 48.1 36.2 54.2
 119 32.6 26.2 39.4

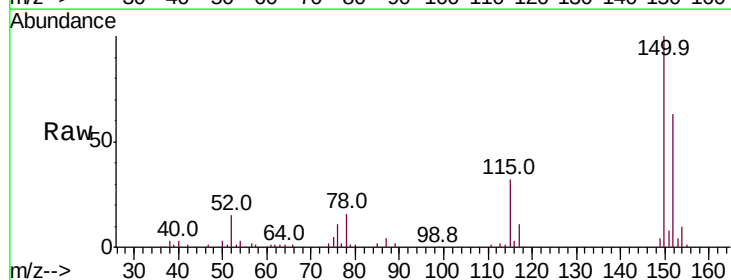


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061872.D
 Acq: 18 Apr 2019 14:13

Tgt Ion:152 Resp: 73020
 Ion Ratio Lower Upper
 152 100
 115 50.5 30.9 92.7
 150 159.6 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

