

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012923.D
 Acq On : 09 Oct 2019 05:28
 Operator : JC/SP
 Sample : K5216-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0542

Quant Time: Oct 09 06:44:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

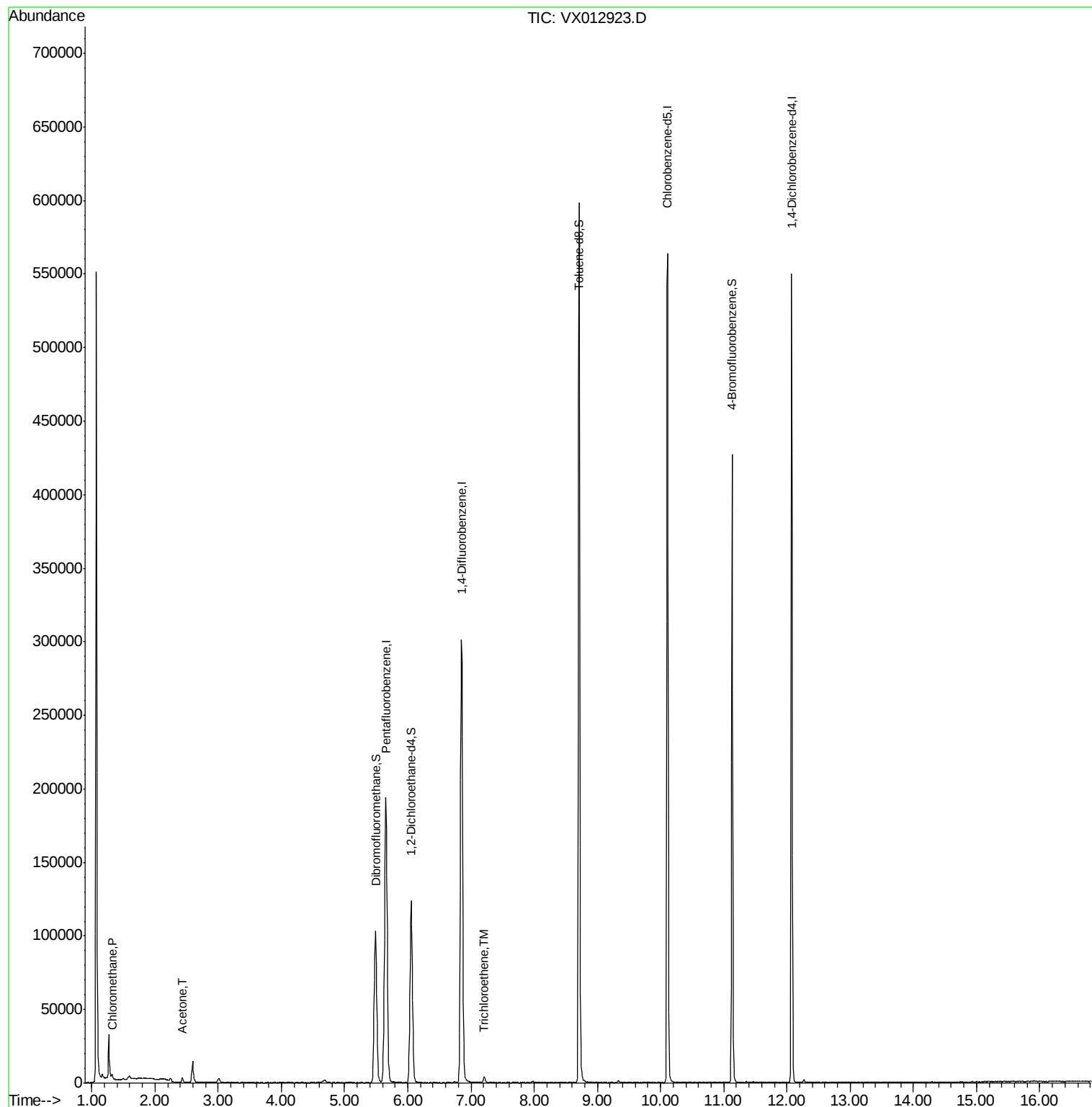
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	305485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	104519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	117441	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
35) Dibromofluoromethane	5.49	113	89991	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
50) Toluene-d8	8.71	98	353676	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.14	95	123608	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
Target Compounds						
3) Chloromethane	1.32	50	1477	0.742	ug/l	92
16) Acetone	2.44	43	3404	2.879	ug/l	95
44) Trichloroethene	7.22	130	1691	0.769	ug/l	86

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012923.D

Acq: 09 Oct 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

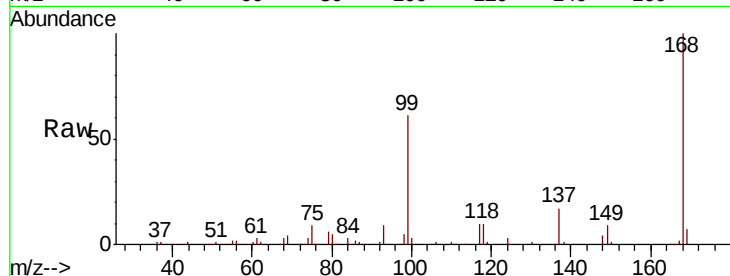
S49-0542

Tot Ion:168 Resp: 179466

Ion Ratio Lower Upper

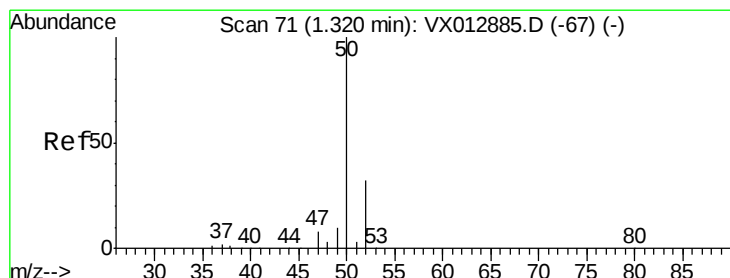
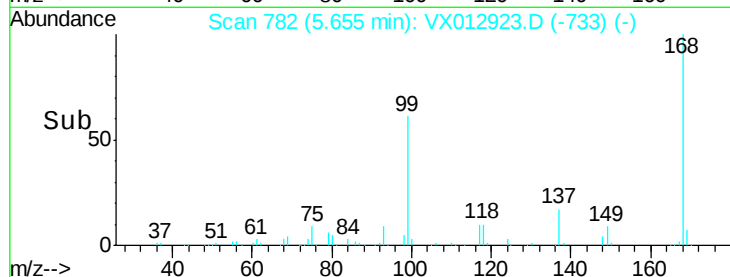
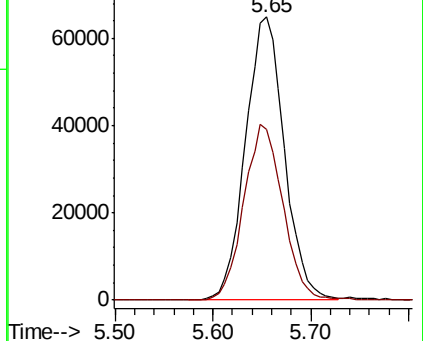
168 100

99 60.5 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.742 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012923.D

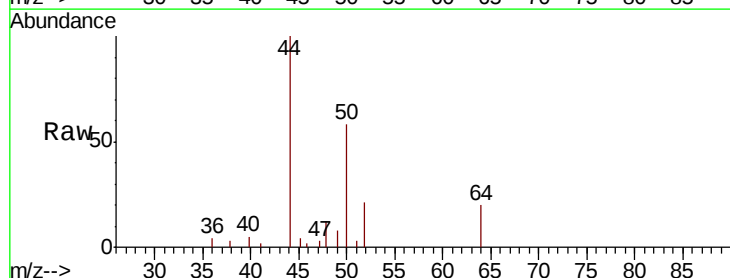
Acq: 09 Oct 2019 05:28

Tgt Ion: 50 Resp: 1477

Ion Ratio Lower Upper

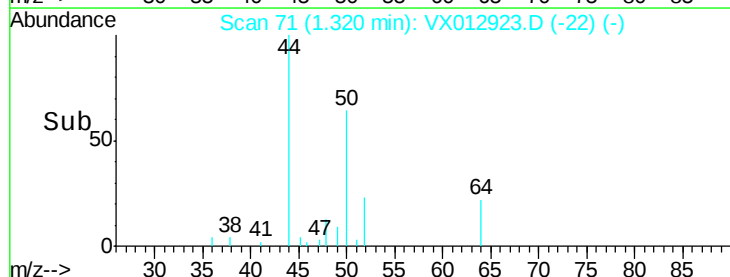
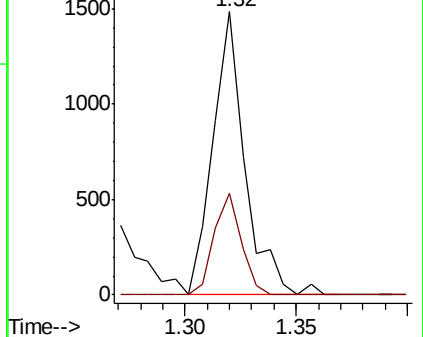
50 100

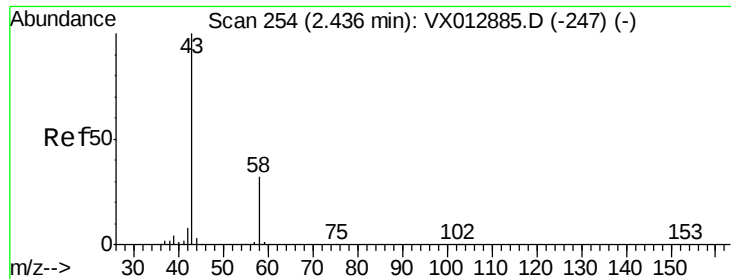
52 35.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 2.879 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012923.D

Acq: 09 Oct 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

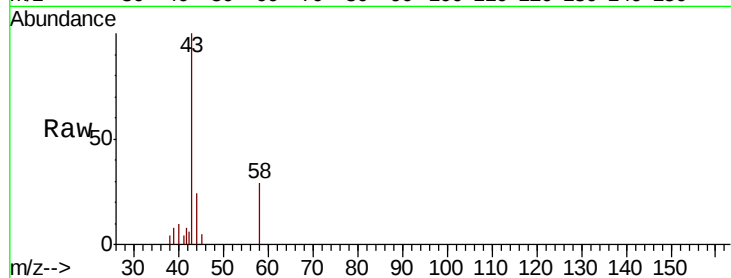
S49-0542

Tot Ion: 43 Resp: 3404

Ion Ratio Lower Upper

43 100

58 29.2 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

1500

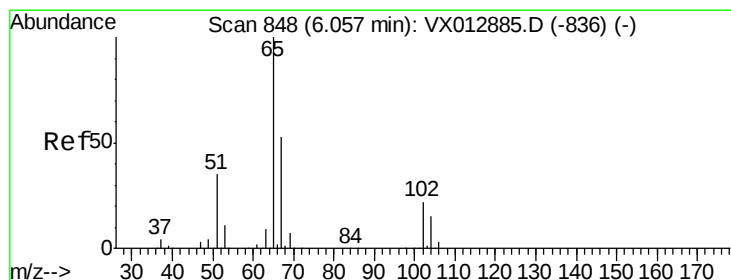
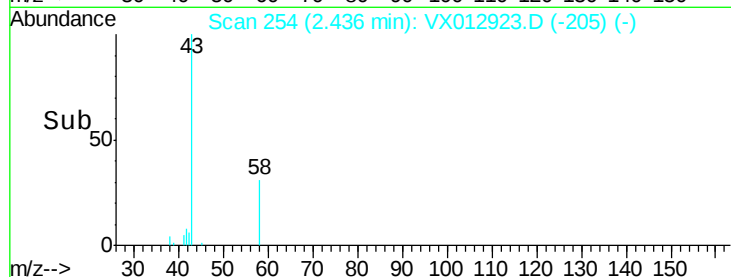
1000

500

0

Time--> 2.35 2.40 2.45 2.50

2.44



#33

1,2-Dichloroethane-d4

Concen: 52.357 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012923.D

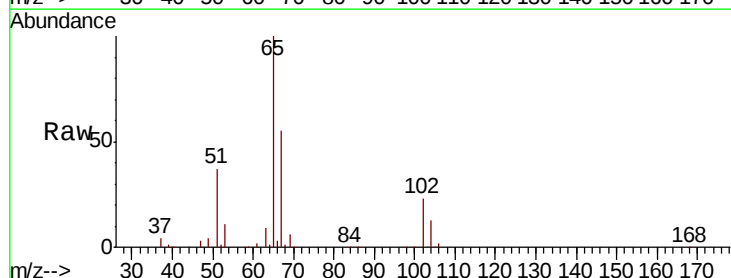
Acq: 09 Oct 2019 05:28

Tgt Ion: 65 Resp: 117441

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

50000

40000

30000

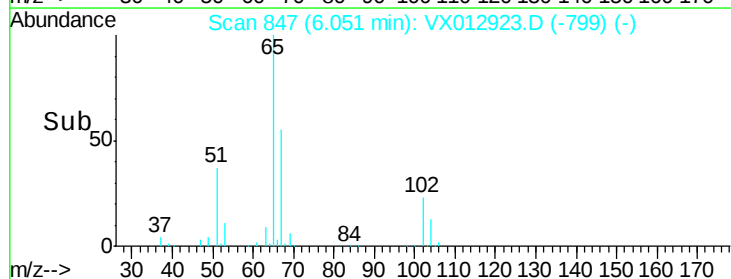
20000

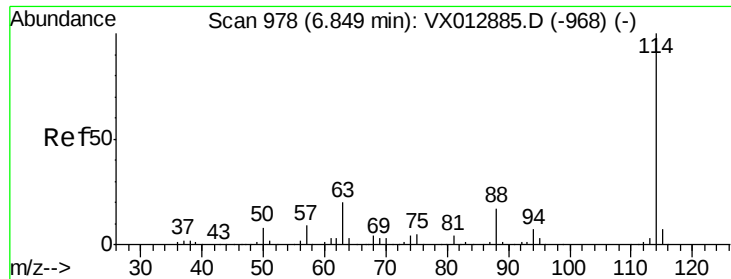
10000

0

Time--> 5.90 6.00 6.10 6.20

6.05

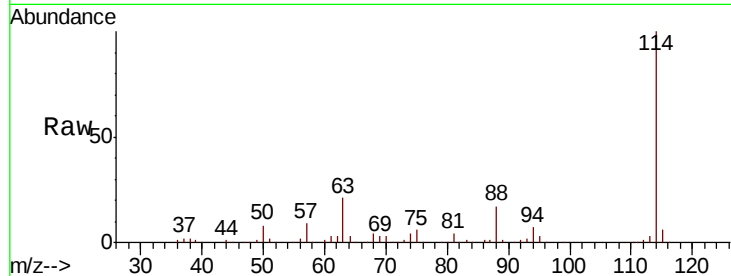




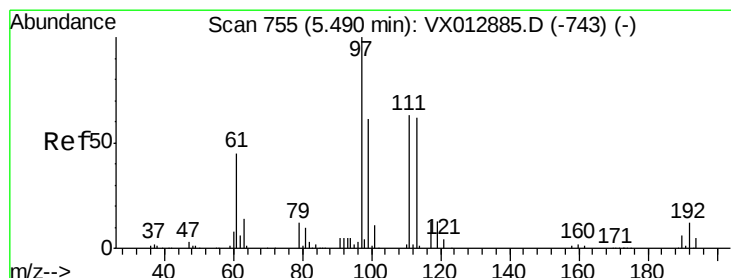
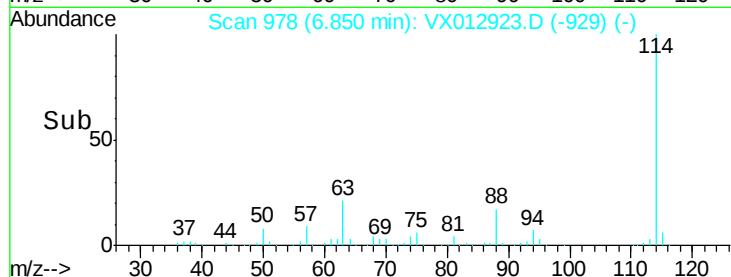
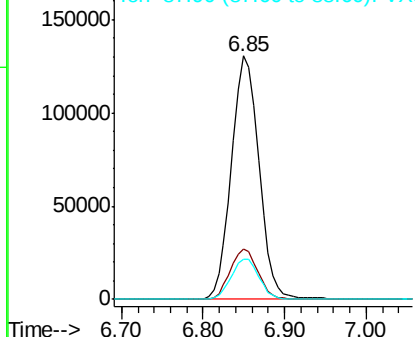
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012923.D
Acq: 09 Oct 2019 05:28

Instrument :
MSVOA_X
ClientSampleId :
S49-0542

Tot Ion:114 Resp: 305485
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.6 0.0 33.8

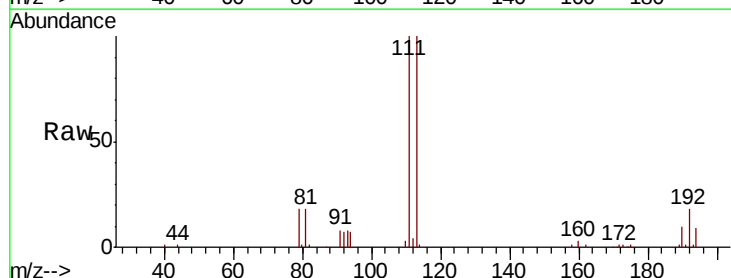


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

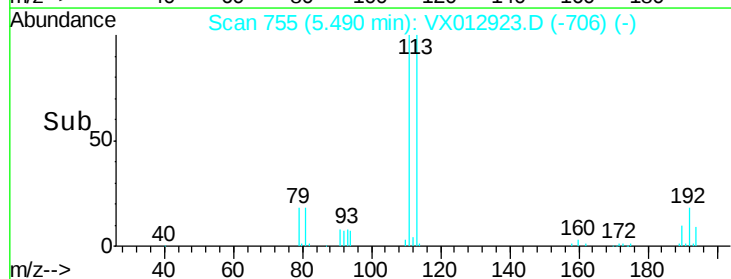
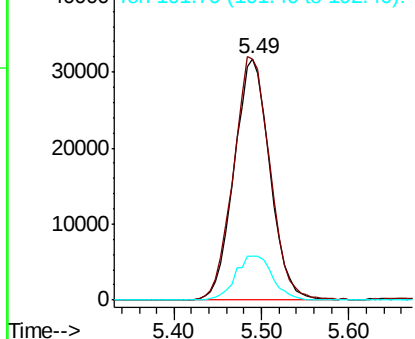


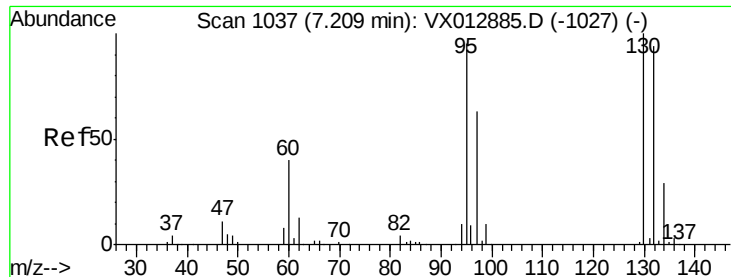
#35
Dibromofluoromethane
Concen: 51.326 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012923.D
Acq: 09 Oct 2019 05:28

Tgt Ion:113 Resp: 89991
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 19.1 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.769 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX012923.D

Acq: 09 Oct 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

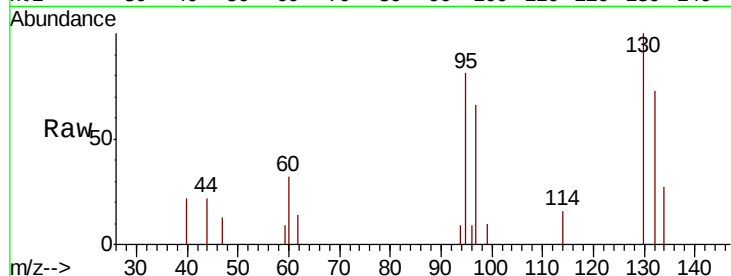
S49-0542

Tot Ion:130 Resp: 1691

Ion Ratio Lower Upper

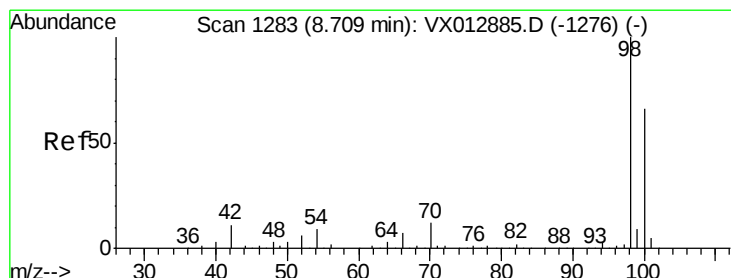
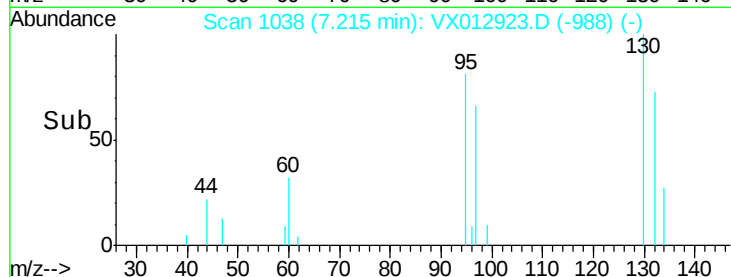
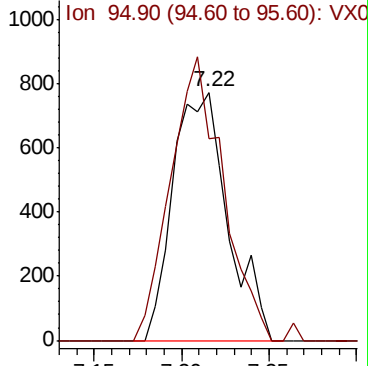
130 100

95 81.2 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.719 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012923.D

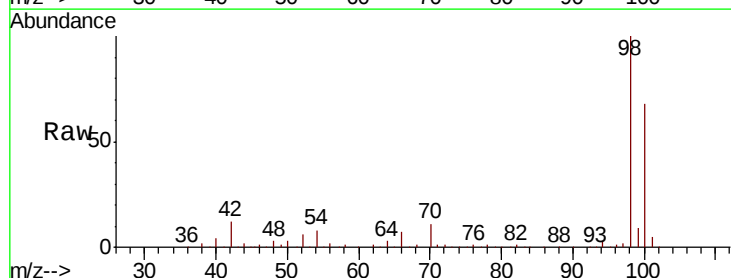
Acq: 09 Oct 2019 05:28

Tgt Ion: 98 Resp: 353676

Ion Ratio Lower Upper

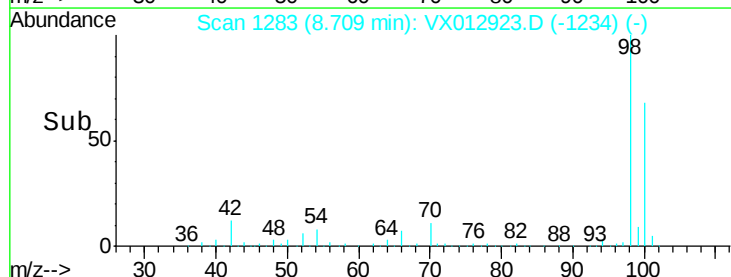
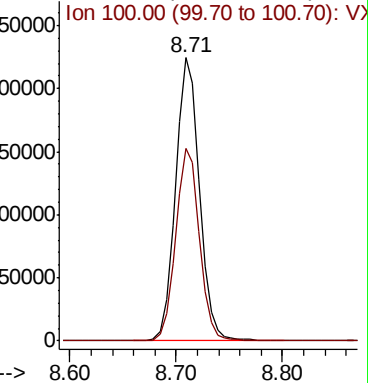
98 100

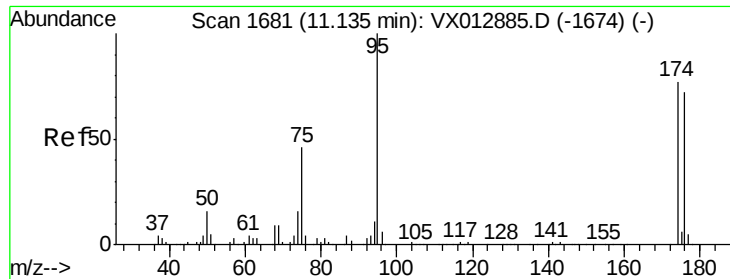
100 67.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.520 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012923.D

Acq: 09 Oct 2019 05:28

Instrument :

MSVOA_X

ClientSampleId :

S49-0542

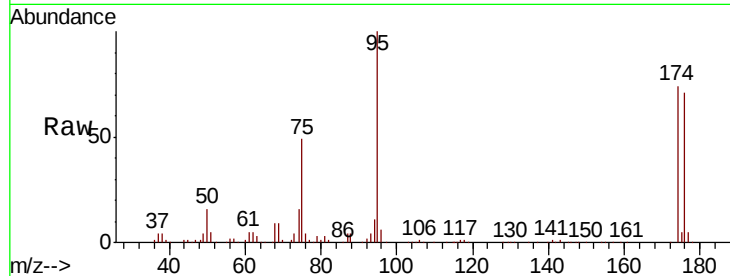
Tot Ion: 95 Resp: 123608

Ion Ratio Lower Upper

95 100

174 71.0 0.0 143.4

176 68.6 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

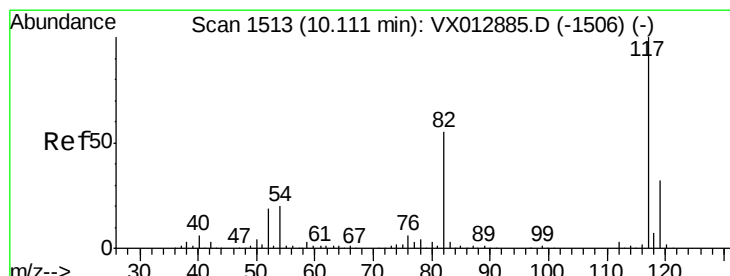
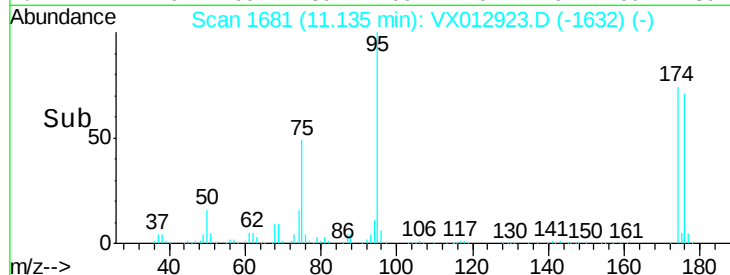
40000

20000

0

11.10 11.14 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012923.D

Acq: 09 Oct 2019 05:28

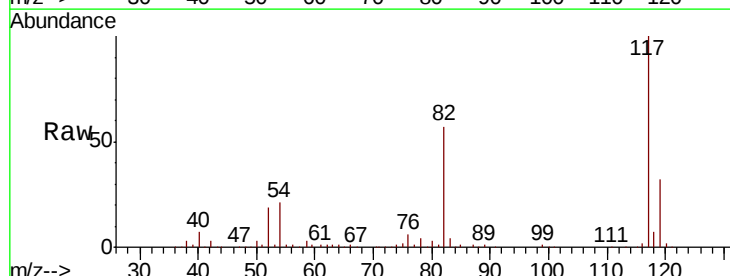
Tgt Ion: 117 Resp: 259978

Ion Ratio Lower Upper

117 100

82 57.5 44.1 66.1

119 31.7 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

250000

200000

150000

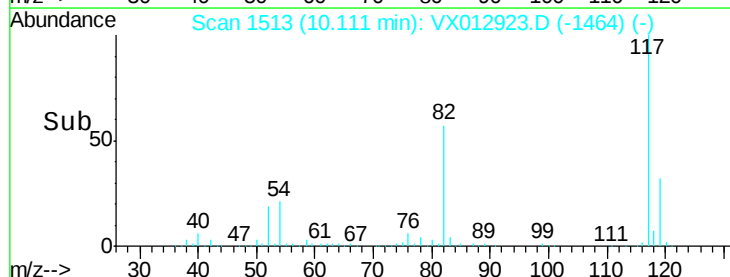
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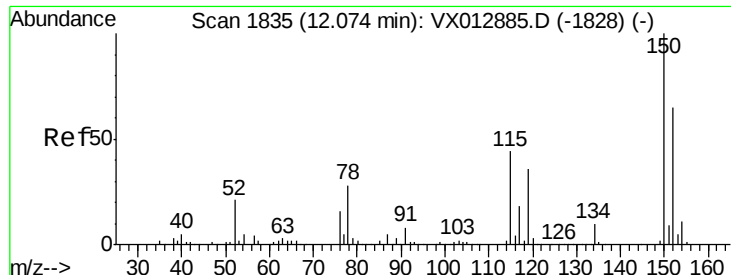
50000

0

10.10 10.11 10.12

Time-->

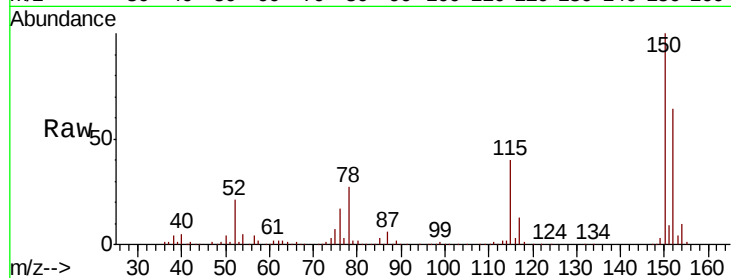




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012923.D
 Acq: 09 Oct 2019 05:28

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0542

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.9	44.5	133.5
150	157.2	0.0	353.4



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

