

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007906.D
 Acq On : 08 Mar 2019 02:04
 Operator : JC/SP
 Sample : K1753-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z-2-7

Quant Time: Mar 08 08:12:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	433533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	409245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196010	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	153991	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
35) Dibromofluoromethane	5.51	113	141630	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
50) Toluene-d8	8.71	98	529895	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.13	95	191578	53.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.30%	

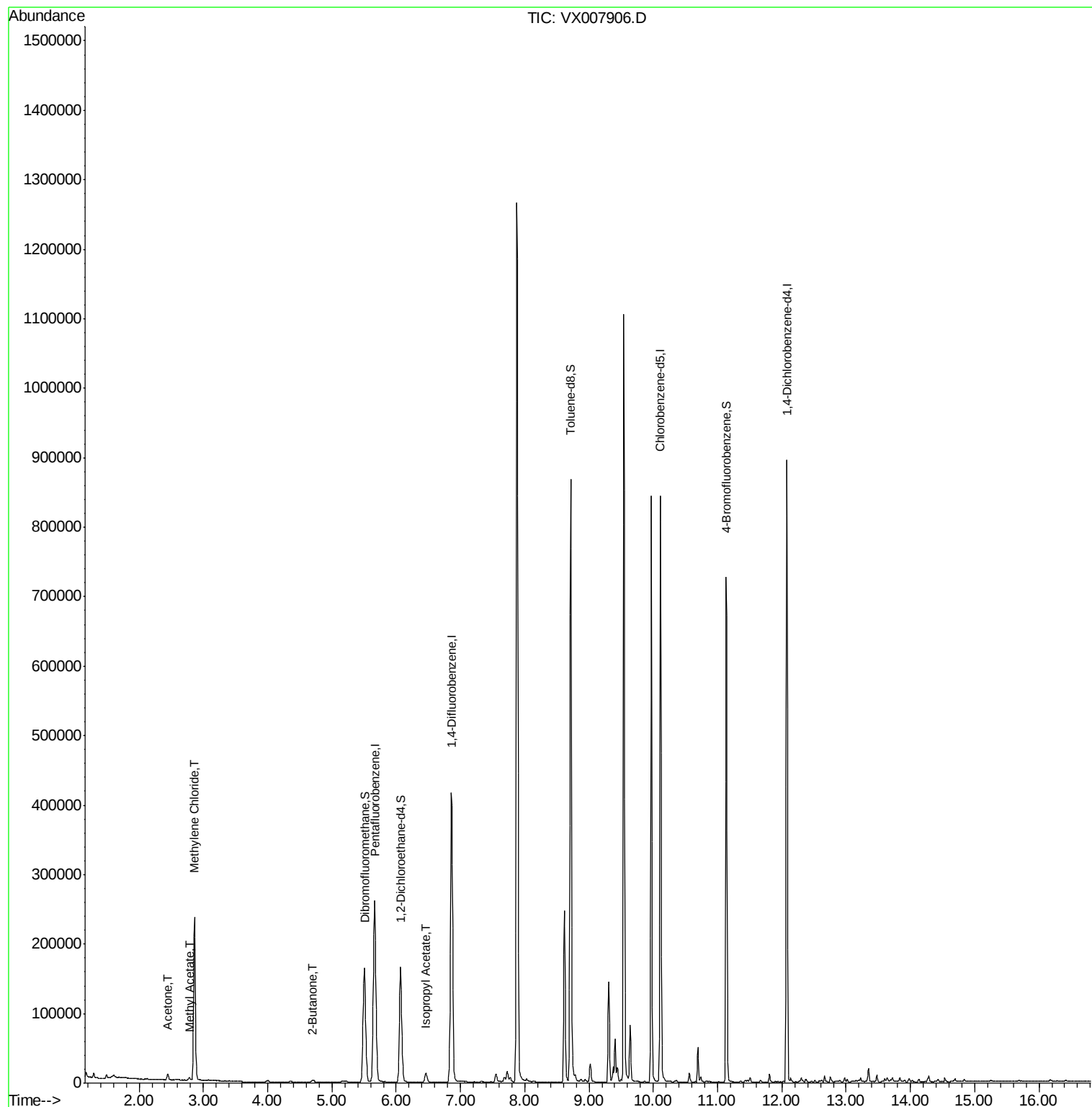
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	9496	5.693	ug/l	94
18) Methyl Acetate	2.78	43	5350	1.510	ug/l	94
20) Methylene Chloride	2.86	84	106511	40.126	ug/l	98
25) 2-Butanone	4.70	43	5995	2.539	ug/l	93
43) Isopropyl Acetate	6.46	43	17472	2.534	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007906.D

Acq: 08 Mar 2019 02:04

Instrument :

MSVOA_X

ClientSampleId :

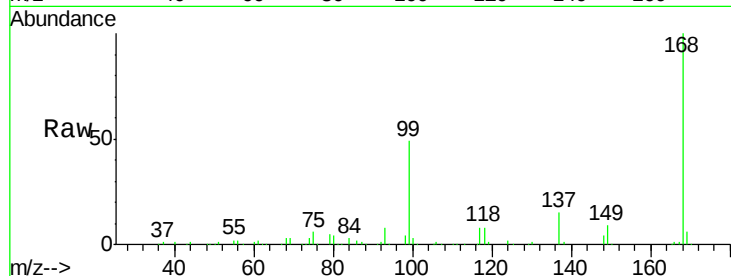
Z-2-7

Tot Ion:168 Resp: 273159

Ion Ratio Lower Upper

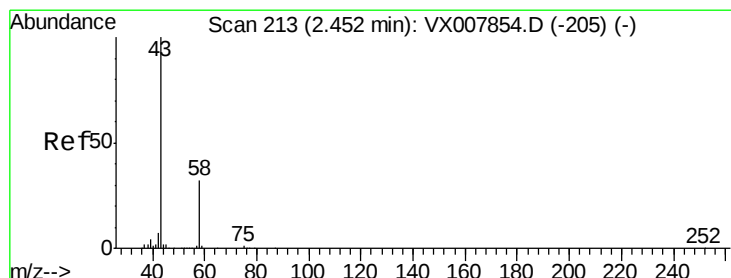
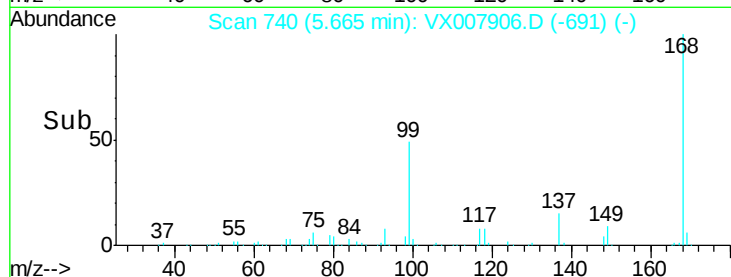
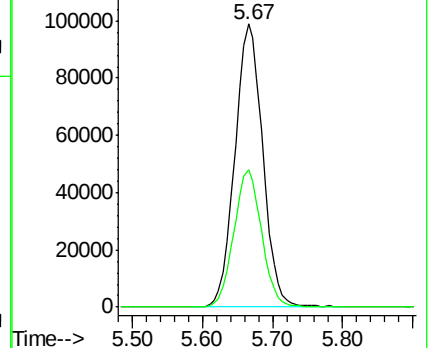
168 100

99 48.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.693 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007906.D

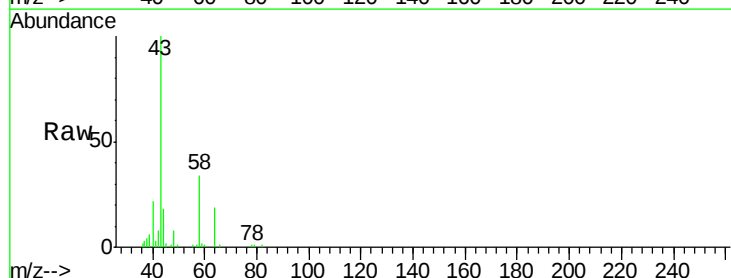
Acq: 08 Mar 2019 02:04

Tgt Ion: 43 Resp: 9496

Ion Ratio Lower Upper

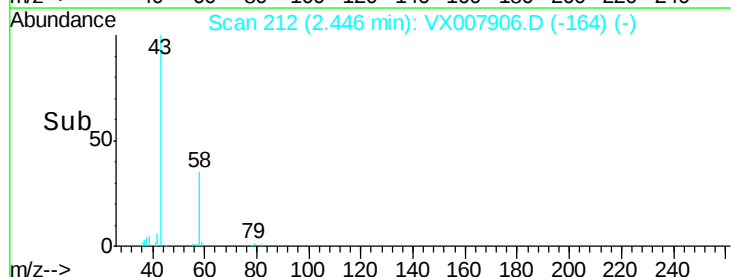
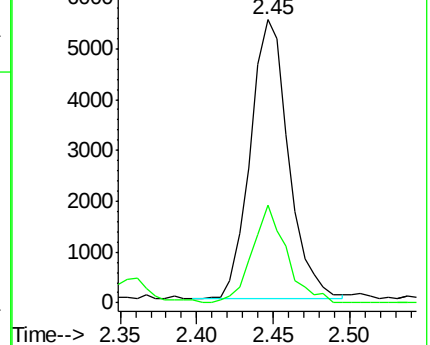
43 100

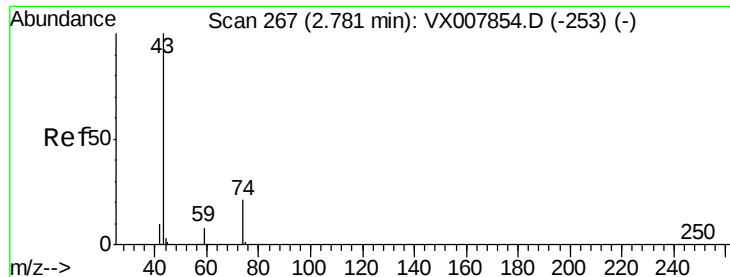
58 35.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

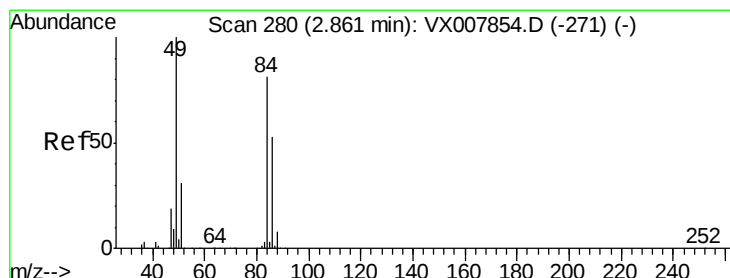
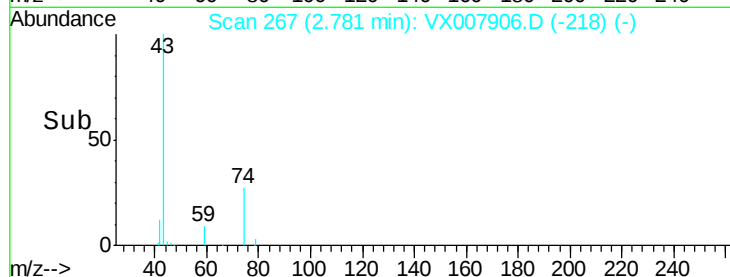
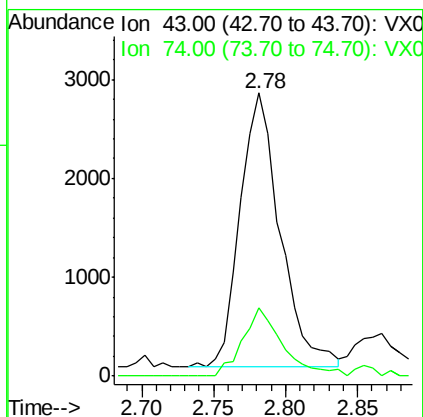
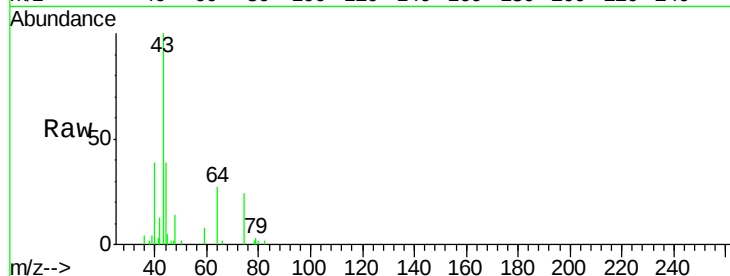




#18
Methvl Acetate
Concen: 1.510 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007906.D
Acq: 08 Mar 2019 02:04

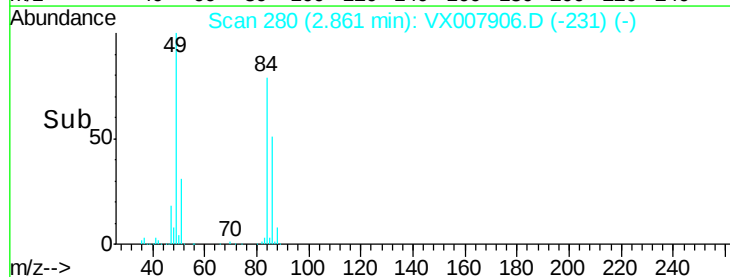
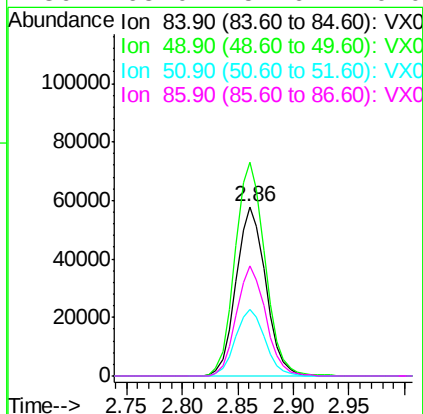
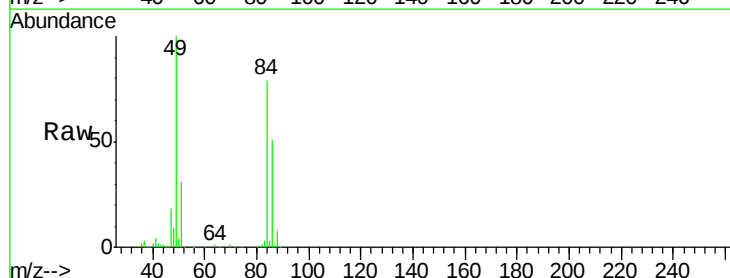
Instrument :
MSVOA_X
ClientSampleId :
Z-2-7

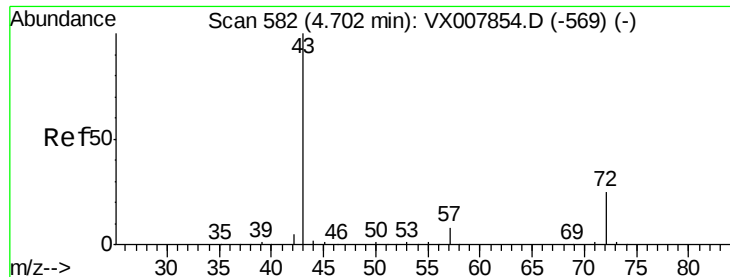
Tot Ion: 43 Resp: 5350
Ion Ratio Lower Upper
43 100
74 25.1 17.8 26.6



#20
Methylene Chloride
Concen: 40.126 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007906.D
Acq: 08 Mar 2019 02:04

Tgt Ion: 84 Resp: 106511
Ion Ratio Lower Upper
84 100
49 126.3 99.3 148.9
51 39.7 31.3 46.9
86 65.0 52.6 79.0





#25

2-Butanone

Concen: 2.539 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007906.D

Acq: 08 Mar 2019 02:04

Instrument :

MSVOA_X

ClientSampleId :

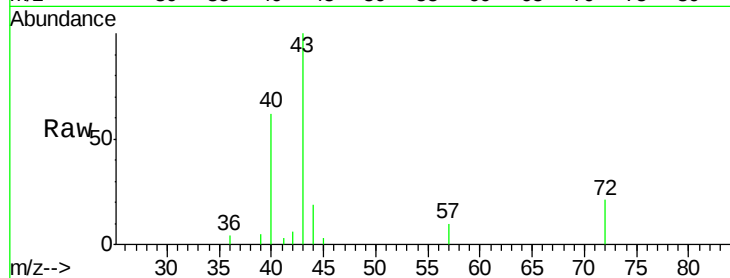
Z-2-7

Tot Ion: 43 Resp: 5995

Ion Ratio Lower Upper

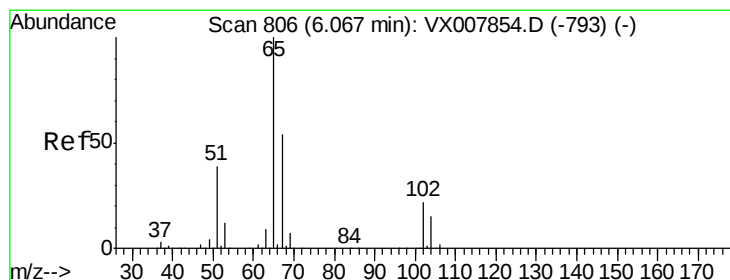
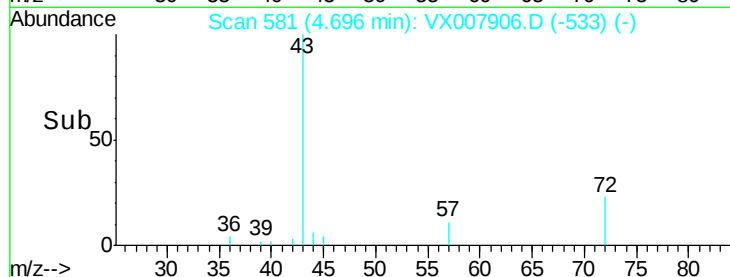
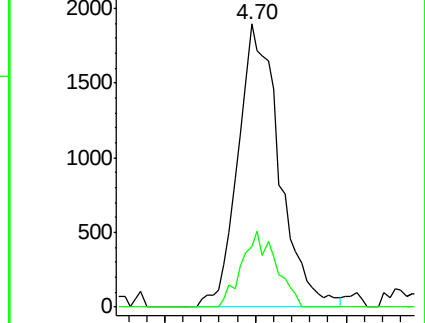
43 100

72 21.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.440 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007906.D

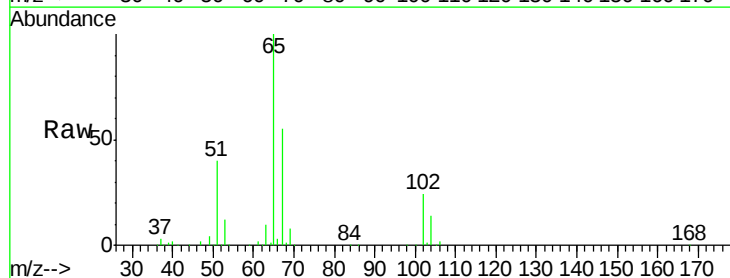
Acq: 08 Mar 2019 02:04

Tgt Ion: 65 Resp: 153991

Ion Ratio Lower Upper

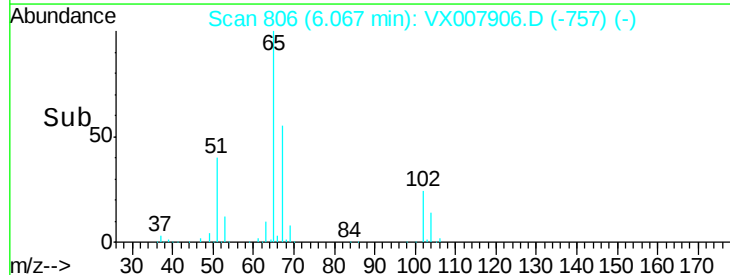
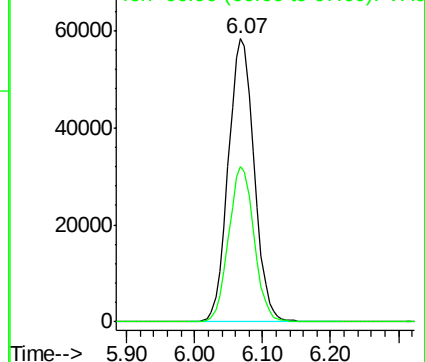
65 100

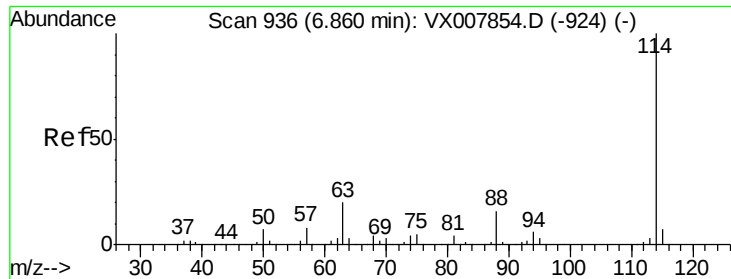
67 53.9 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

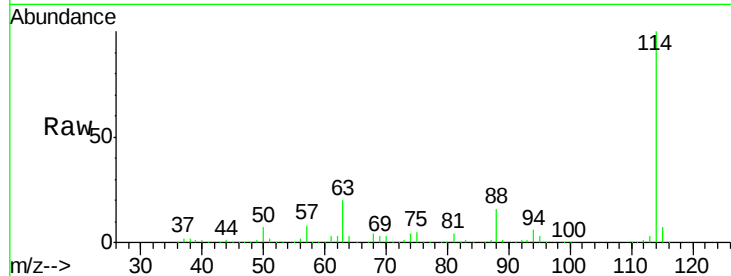




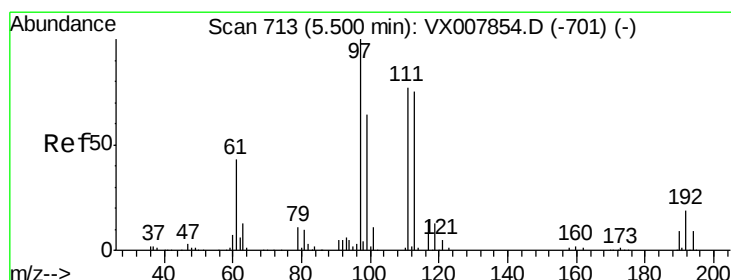
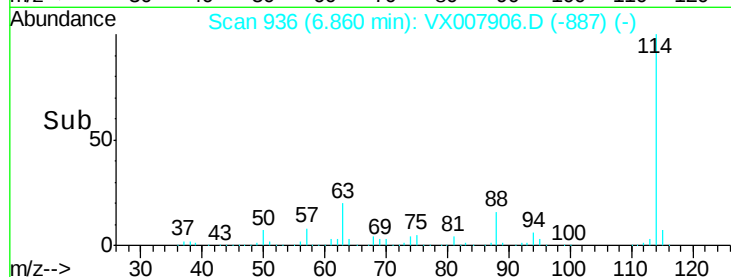
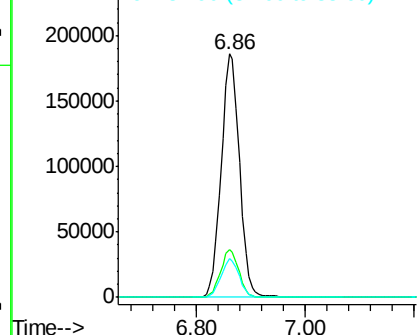
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007906.D
 Acq: 08 Mar 2019 02:04

Instrument :
 MSVOA_X
 ClientSampled :
 Z-2-7

Tot Ion:114 Resp: 433533
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.7 0.0 31.4

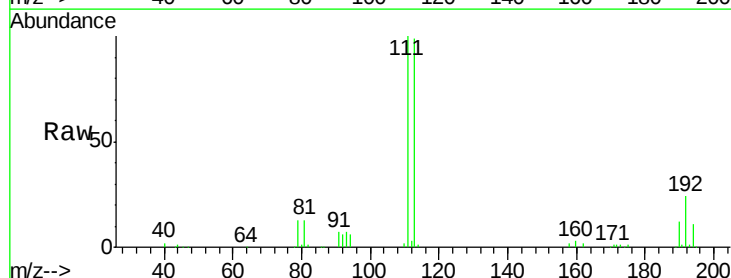


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

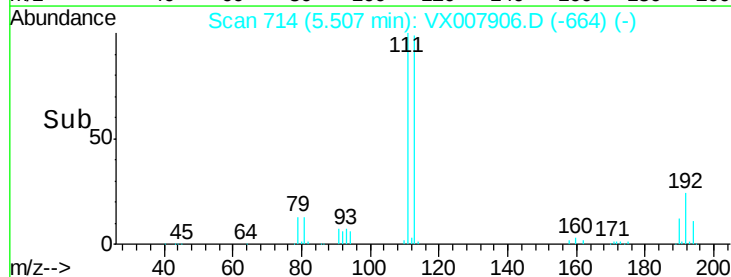
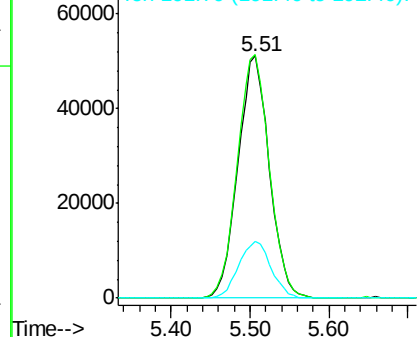


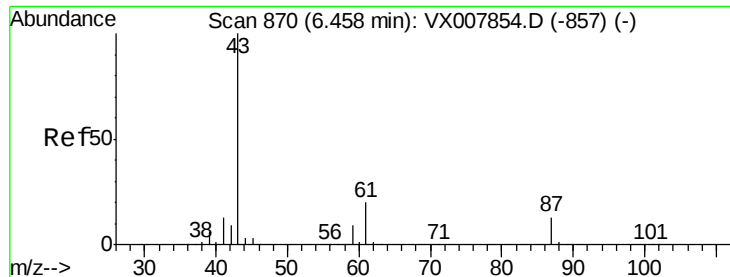
#35
 Dibromofluoromethane
 Concen: 51.072 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007906.D
 Acq: 08 Mar 2019 02:04

Tgt Ion:113 Resp: 141630
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 24.4 19.4 29.0



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





#43

Isopropyl Acetate

Concen: 2.534 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007906.D

Acq: 08 Mar 2019 02:04

Instrument :

MSVOA_X

ClientSampled :

Z-2-7

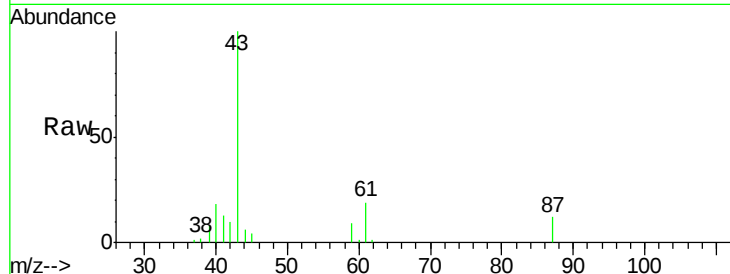
Tot Ion: 43 Resp: 17472

Ion Ratio Lower Upper

43 100

61 20.8 16.3 24.5

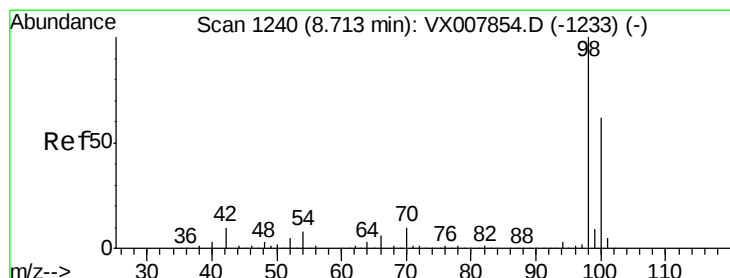
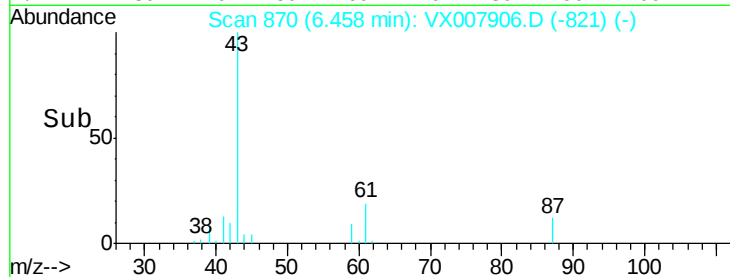
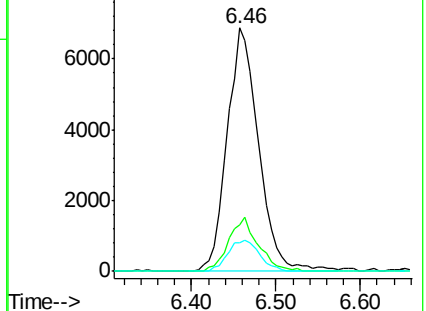
87 12.9 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 52.029 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007906.D

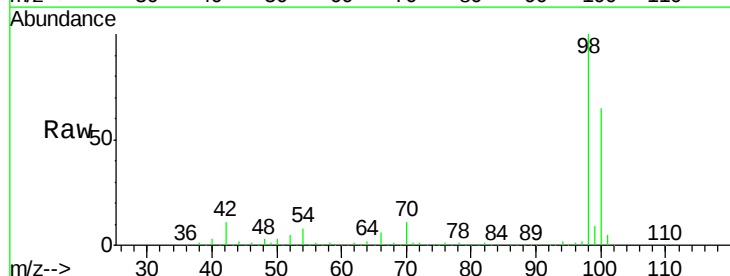
Acq: 08 Mar 2019 02:04

Tgt Ion: 98 Resp: 529895

Ion Ratio Lower Upper

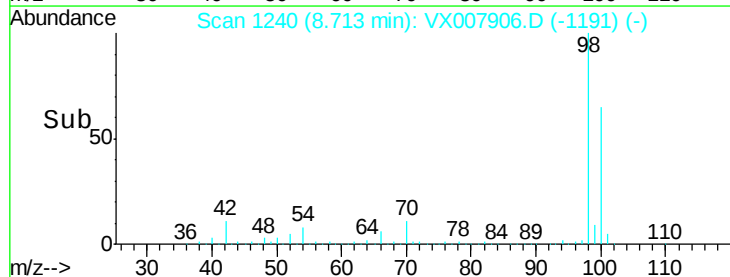
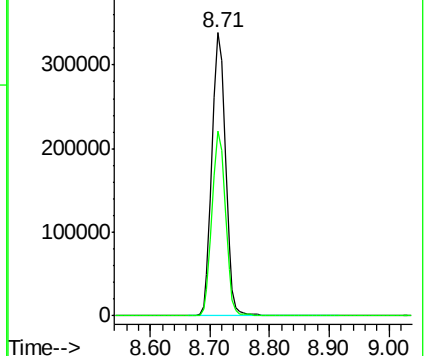
98 100

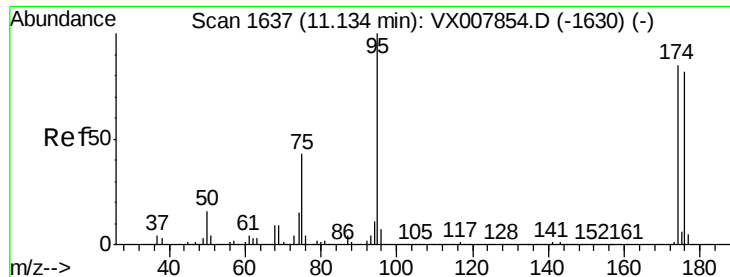
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.652 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007906.D

Acq: 08 Mar 2019 02:04

Instrument :

MSVOA_X

ClientSampleId :

Z-2-7

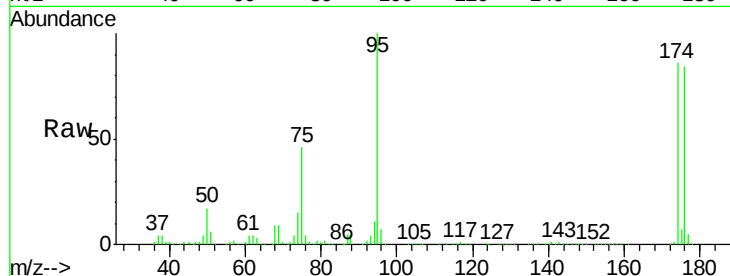
Tot Ion: 95 Resp: 191578

Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.8

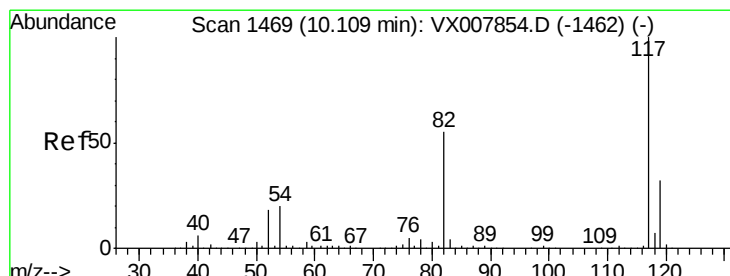
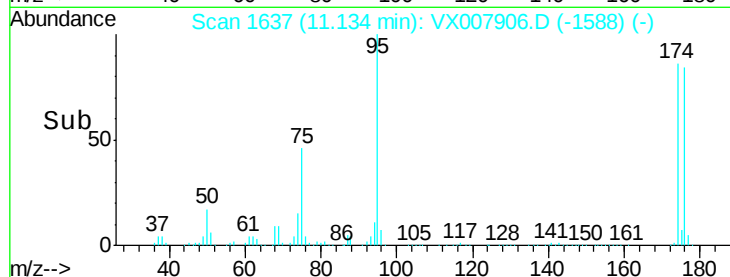
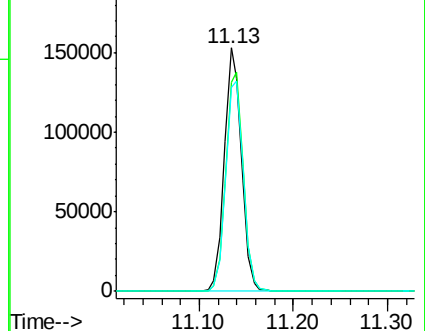
176 89.6 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007906.D

Acq: 08 Mar 2019 02:04

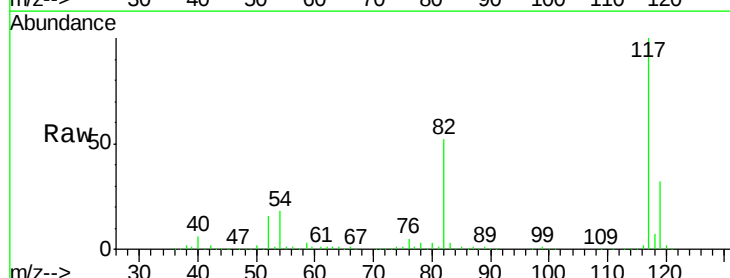
Tgt Ion: 117 Resp: 409245

Ion Ratio Lower Upper

117 100

82 52.4 44.3 66.5

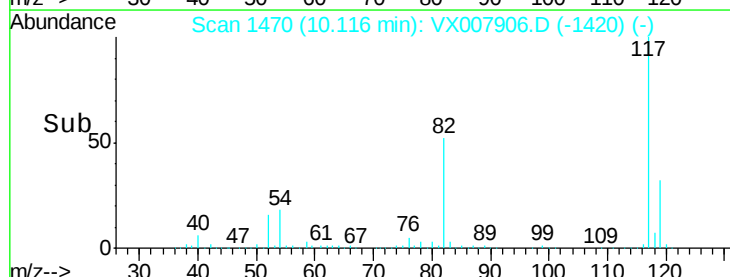
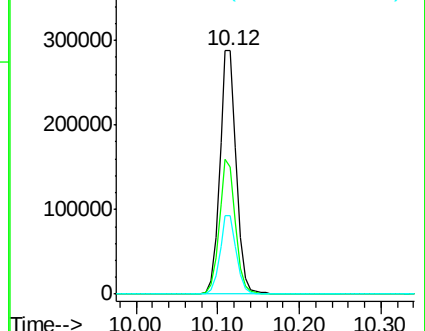
119 32.4 25.3 37.9

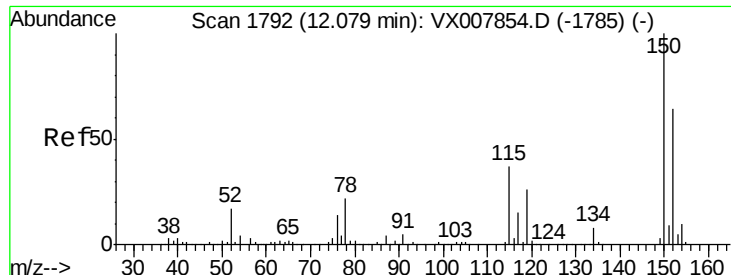


Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)

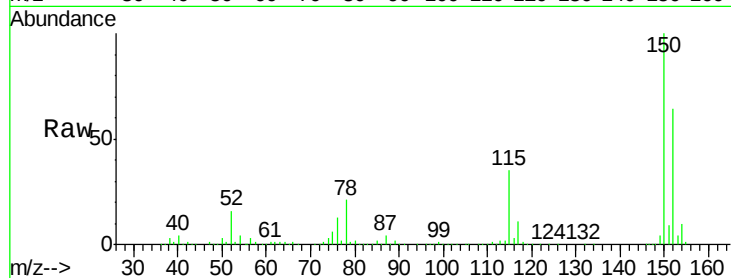




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX007906.D
 Acq: 08 Mar 2019 02:04

Instrument :
 MSVOA_X
 ClientSampleId :
 Z-2-7

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.6	115.7
150	157.2	0.0	348.4



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

