

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016993.D
 Acq On : 26 Jun 2020 18:54
 Operator : JC/SP
 Sample : L3112-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16BR-20200624

Quant Time: Jun 29 06:51:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

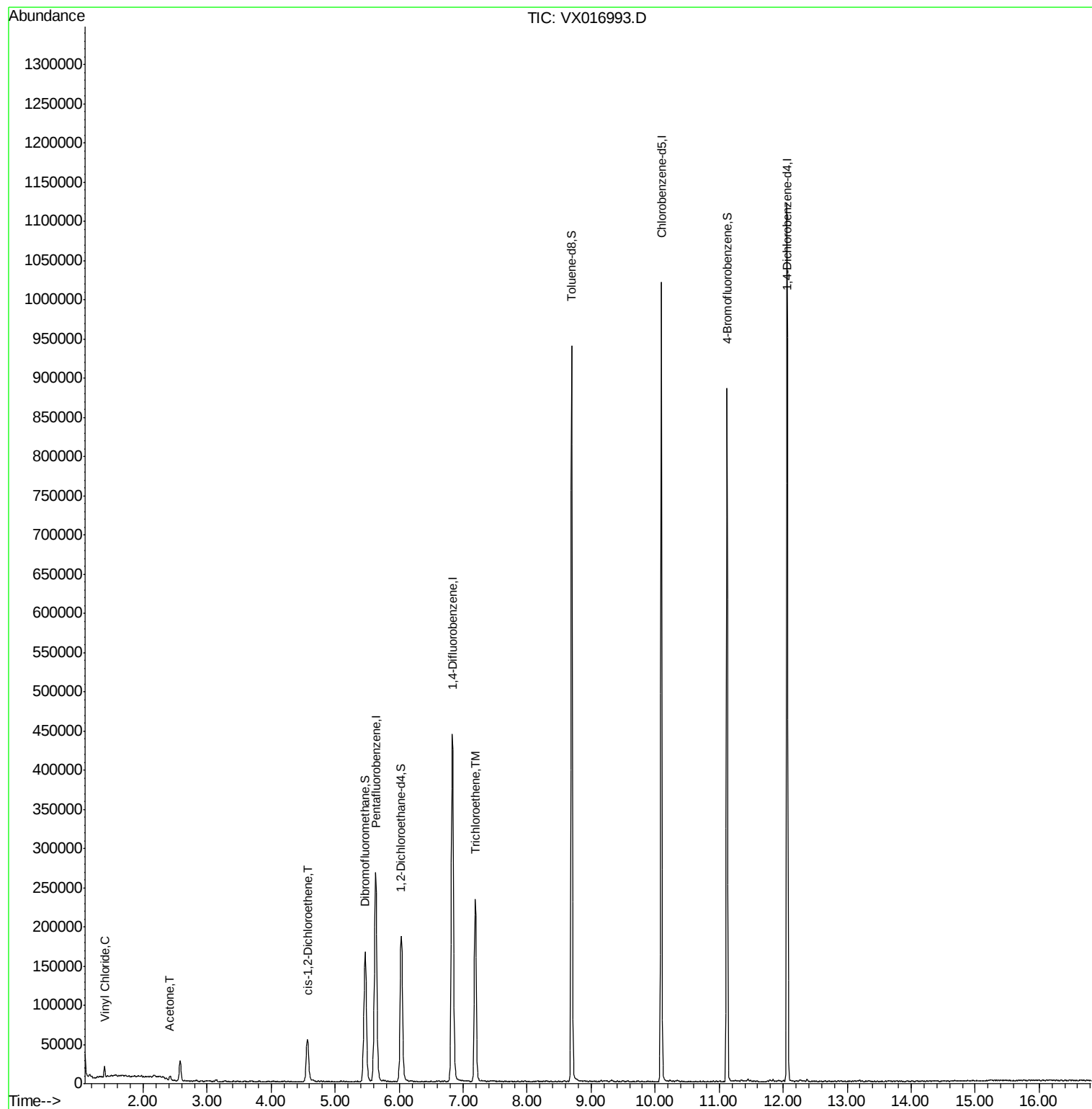
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	437209	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	184719	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
35) Dibromofluoromethane	5.46	113	144882	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
50) Toluene-d8	8.70	98	540538	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.12	95	226205	55.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.52%	
Target Compounds						
4) Vinyl Chloride	1.40	62	8841	2.878	ug/l	97
16) Acetone	2.42	43	6123	4.237	ug/l #	88
27) cis-1,2-Dichloroethene	4.57	96	34283	10.119	ug/l	88
44) Trichloroethene	7.19	130	89173	26.870	ug/l	94

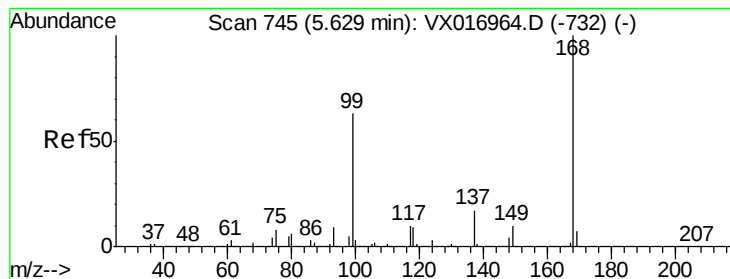
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 08:34:16 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016993.D

Acq: 26 Jun 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

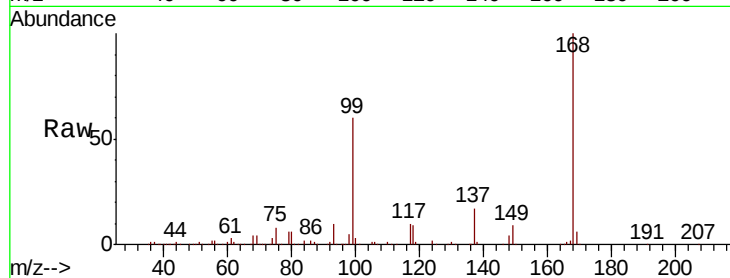
16BR-20200624

Tot Ion:168 Resp: 244814

Ion Ratio Lower Upper

168 100

99 59.7 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

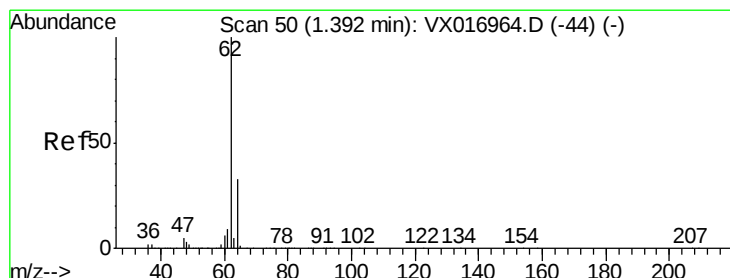
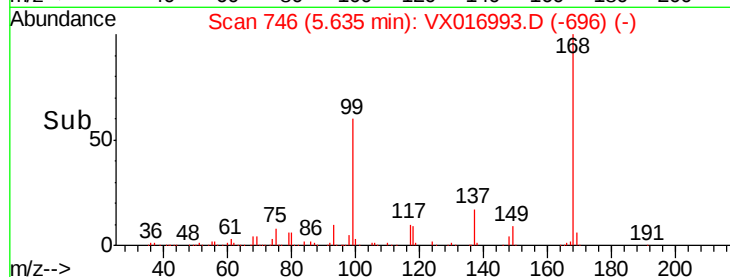
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 2.878 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX016993.D

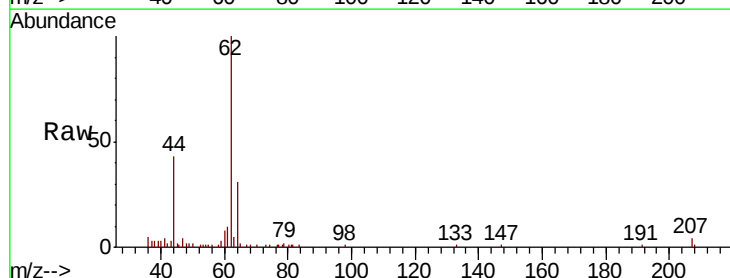
Acq: 26 Jun 2020 18:54

Tgt Ion: 62 Resp: 8841

Ion Ratio Lower Upper

62 100

64 31.0 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

8000

6000

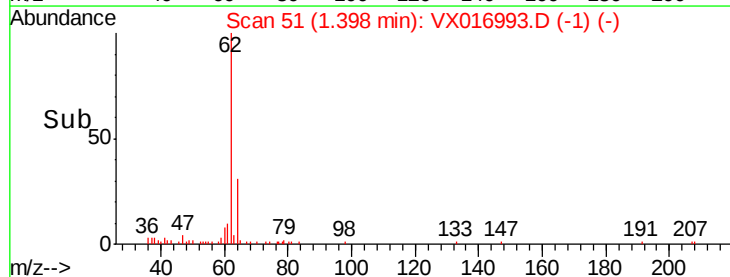
4000

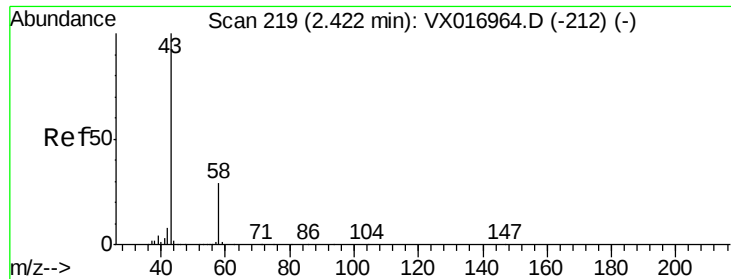
2000

0

Time-->

1.35 1.40 1.45





#16

Acetone

Concen: 4.237 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016993.D

Acq: 26 Jun 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

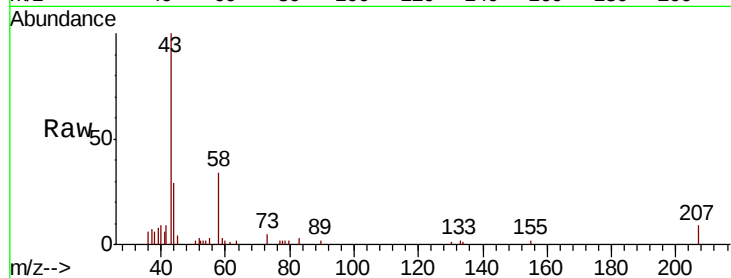
16BR-20200624

Tot Ion: 43 Resp: 6123

Ion Ratio Lower Upper

43 100

58 35.9 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

3000

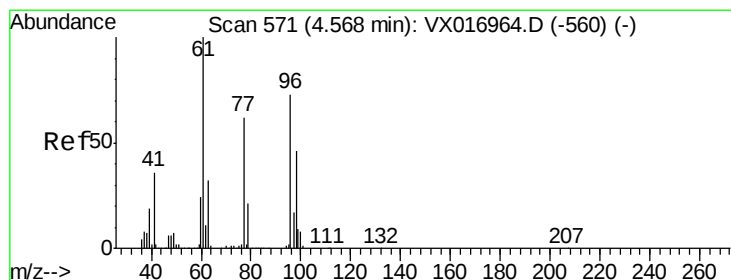
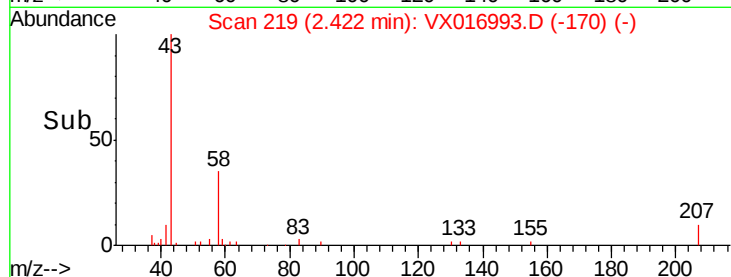
2000

1000

0

2.35 2.40 2.45 2.50

Time-->



#27

cis-1,2-Dichloroethene

Concen: 10.119 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016993.D

Acq: 26 Jun 2020 18:54

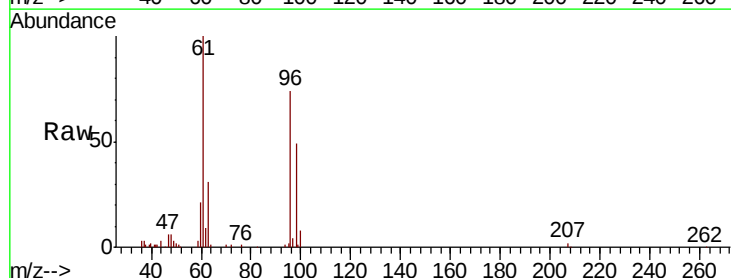
Tgt Ion: 96 Resp: 34283

Ion Ratio Lower Upper

96 100

61 131.0 0.0 307.2

98 64.5 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

20000

15000

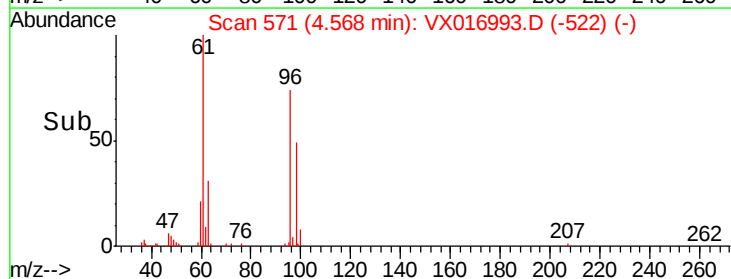
10000

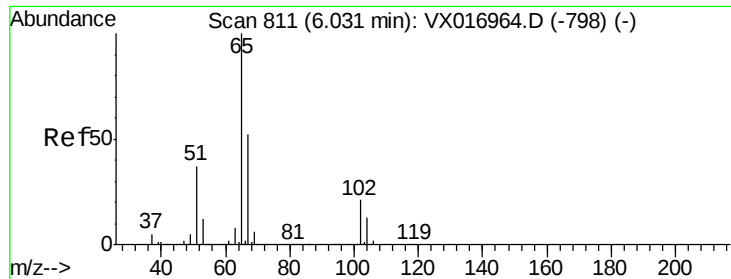
5000

0

4.50 4.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.965 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016993.D

Acq: 26 Jun 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

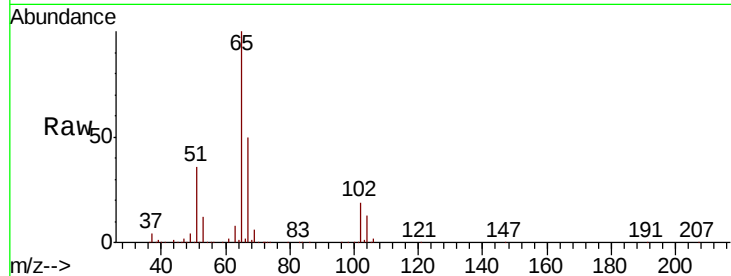
16BR-20200624

Tot Ion: 65 Resp: 184719

Ion Ratio Lower Upper

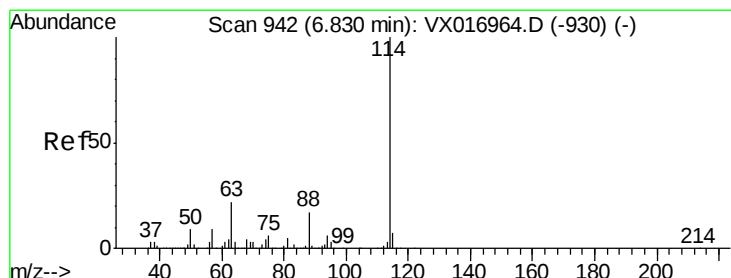
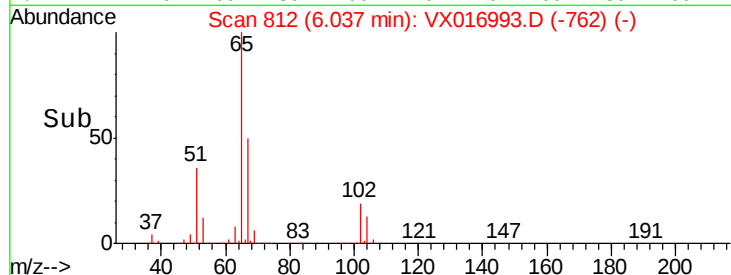
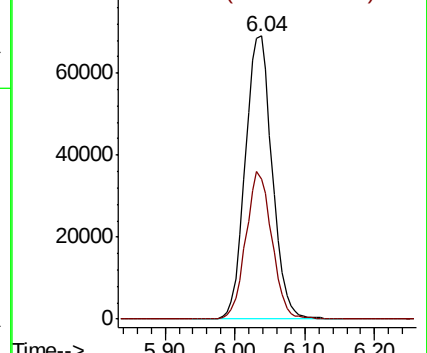
65 100

67 50.6 0.0 102.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016993.D

Acq: 26 Jun 2020 18:54

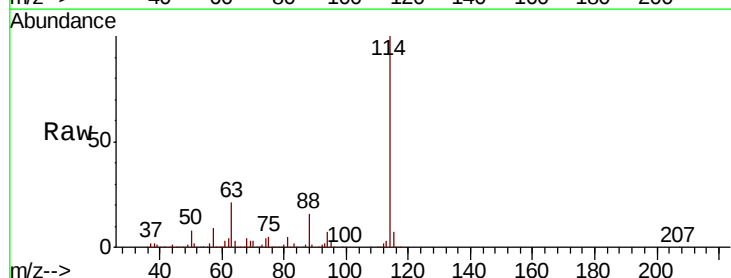
Tgt Ion: 114 Resp: 437209

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.4

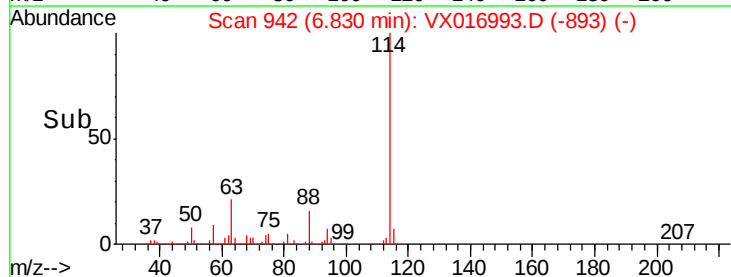
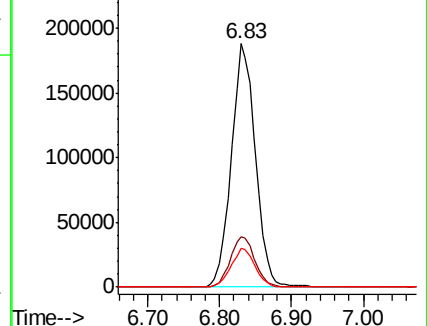
88 16.2 0.0 33.2

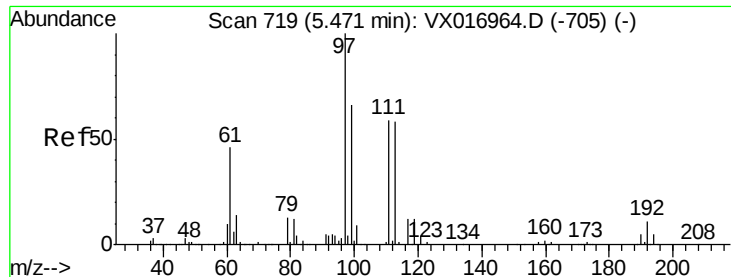


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

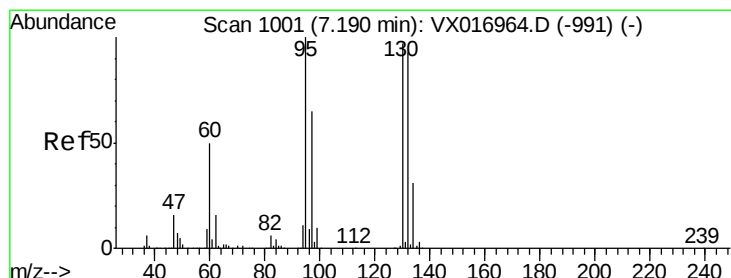
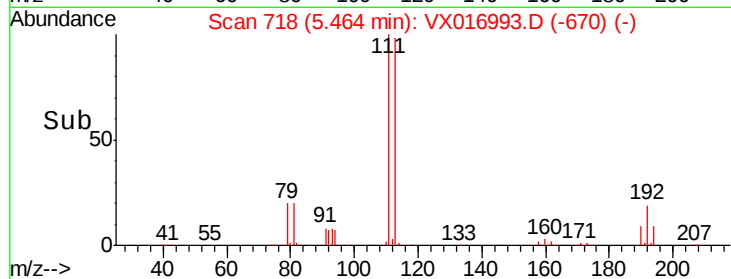
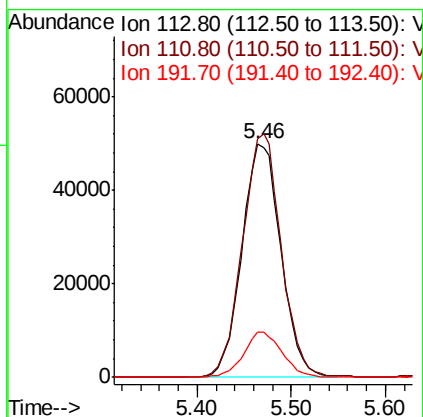
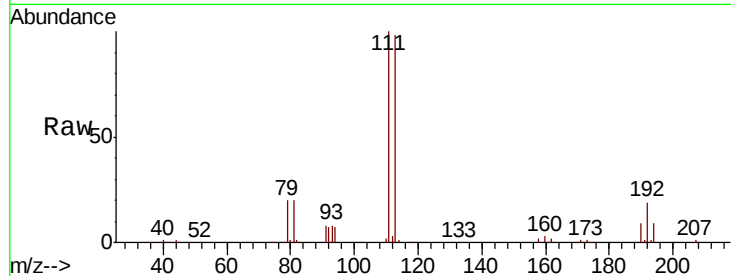




#35
Dibromofluoromethane
Concen: 50.173 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016993.D
Acq: 26 Jun 2020 18:54

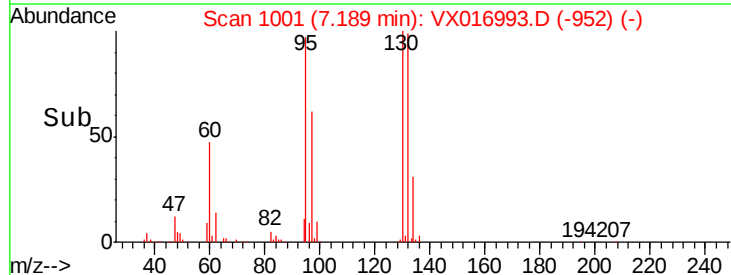
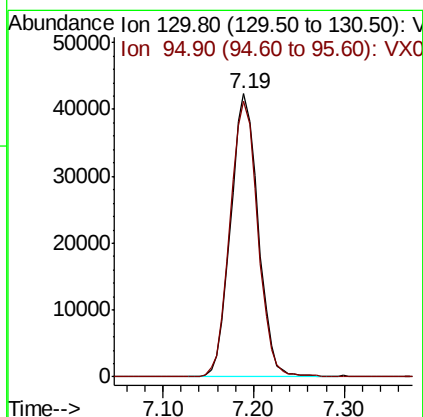
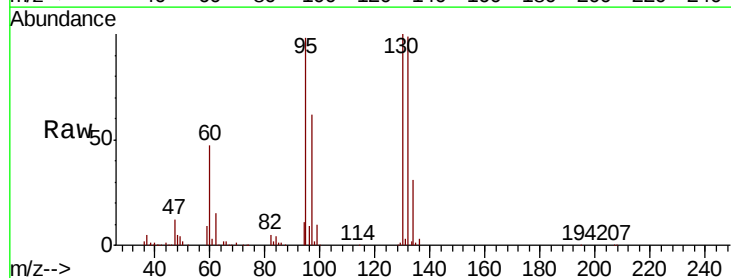
Instrument :
MSVOA_X
ClientSampleId :
16BR-20200624

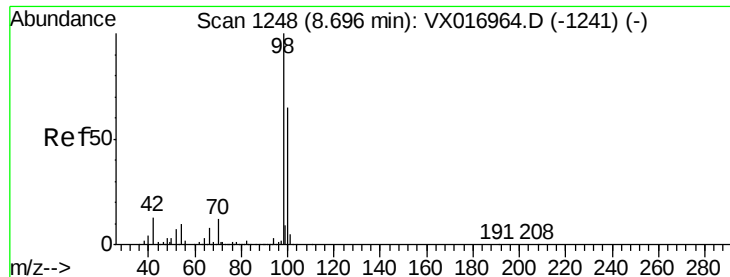
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.3	126.5
192	19.1	15.2	22.8



#44
Trichloroethene
Concen: 26.870 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016993.D
Acq: 26 Jun 2020 18:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	206.6





#50

Toluene-d8

Concen: 51.067 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016993.D

Acq: 26 Jun 2020 18:54

Instrument :

MSVOA_X

ClientSampleId :

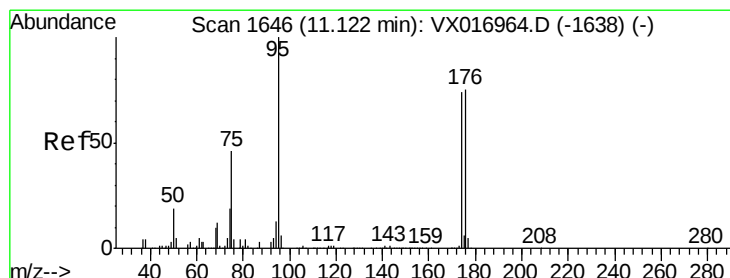
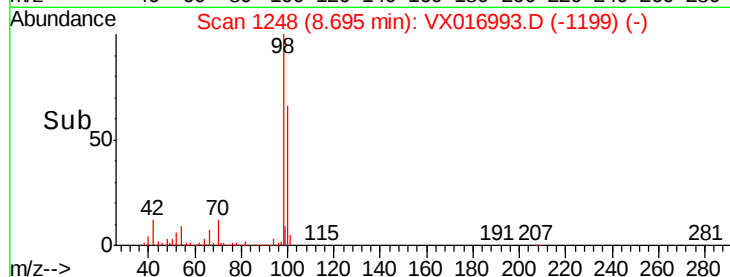
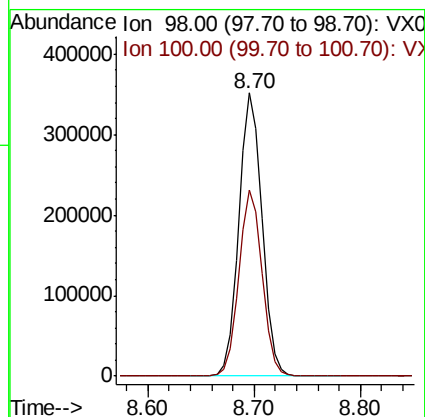
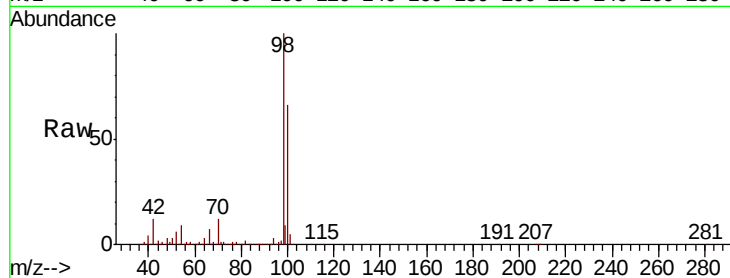
16BR-20200624

Tot Ion: 98 Resp: 540538

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 55.265 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016993.D

Acq: 26 Jun 2020 18:54

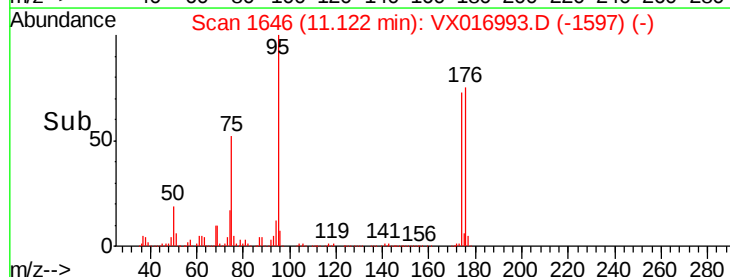
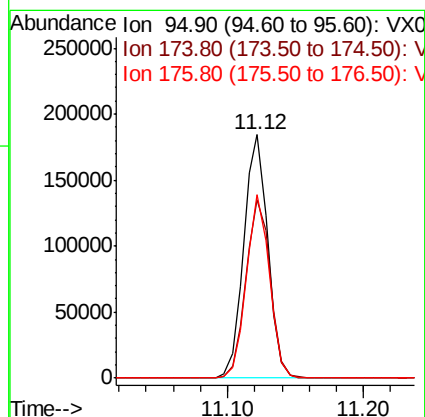
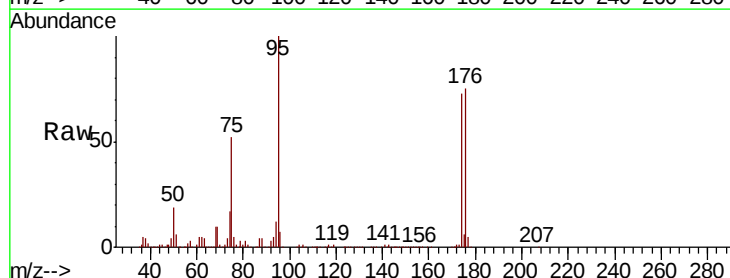
Tgt Ion: 95 Resp: 226205

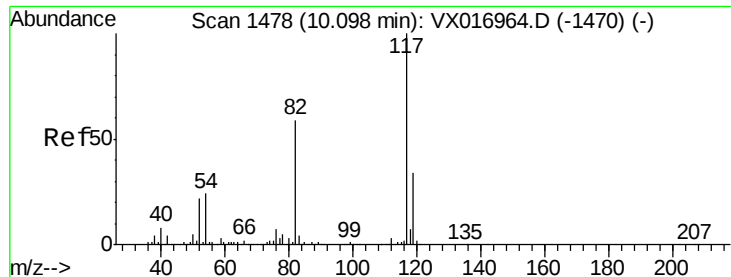
Ion Ratio Lower Upper

95 100

174 75.2 0.0 149.6

176 73.0 0.0 148.2

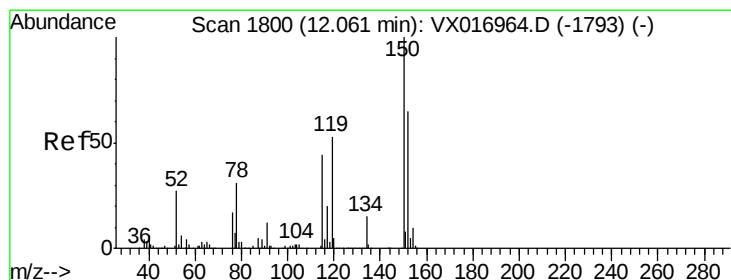
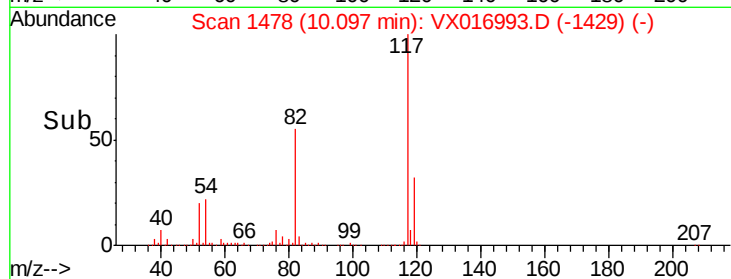
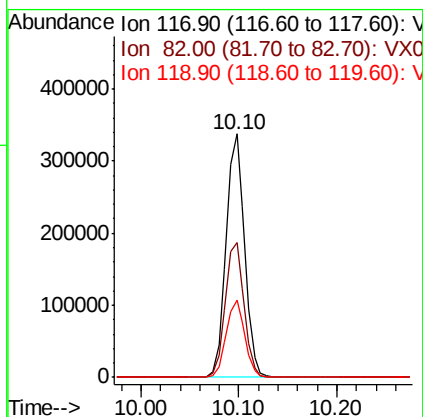
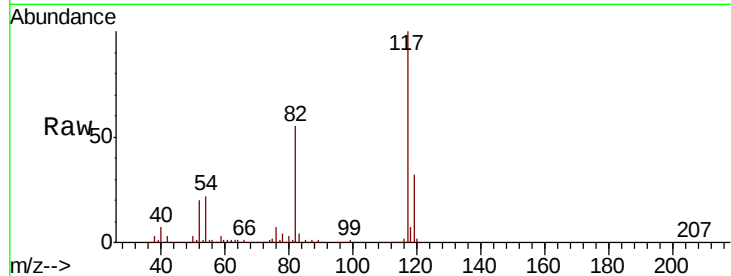




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016993.D
Acq: 26 Jun 2020 18:54

Instrument :
MSVOA_X
ClientSampleId :
16BR-20200624

Tot Ion:117 Resp: 442803
Ion Ratio Lower Upper
117 100
82 55.4 46.8 70.2
119 32.0 27.3 40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016993.D
Acq: 26 Jun 2020 18:54

Tgt Ion:152 Resp: 220612
Ion Ratio Lower Upper
152 100
115 60.4 42.8 128.4
150 157.7 0.0 347.8

