

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016979.D
 Acq On : 26 Jun 2020 13:35
 Operator : JC/SP
 Sample : L3112-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20200624

Quant Time: Jun 29 05:32:26 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

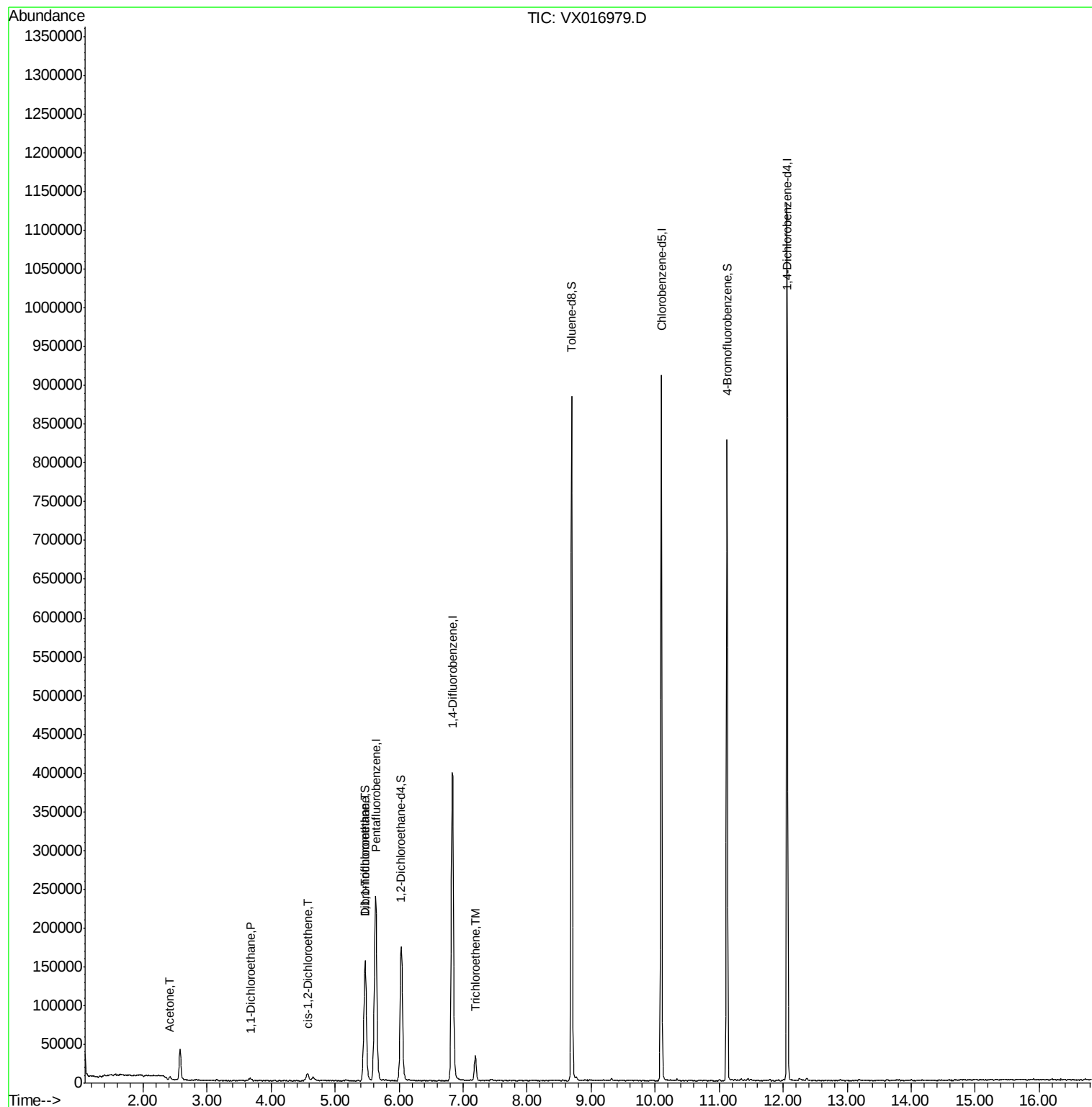
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	207845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	382600	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	174739	55.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.34%	
35) Dibromofluoromethane	5.47	113	128632	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
50) Toluene-d8	8.70	98	485861	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.12	95	204337	57.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.10%	
Target Compounds						
16) Acetone	2.42	43	3591	2.927	ug/l	95
24) 1,1-Dichloroethane	3.67	63	3196	0.678	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	5897	2.050	ug/l	87
32) 1,1,1-Trichloroethane	5.47	97	3106	0.732	ug/l #	42
44) Trichloroethene	7.19	130	11061	3.809	ug/l	97

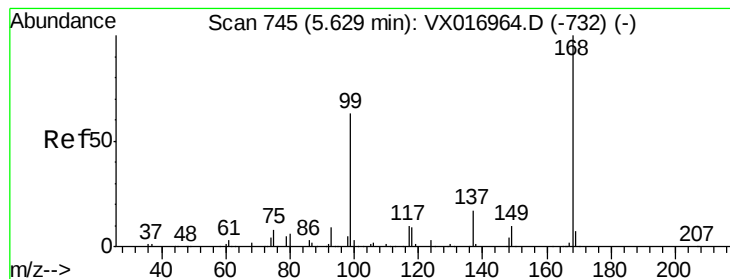
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016979.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

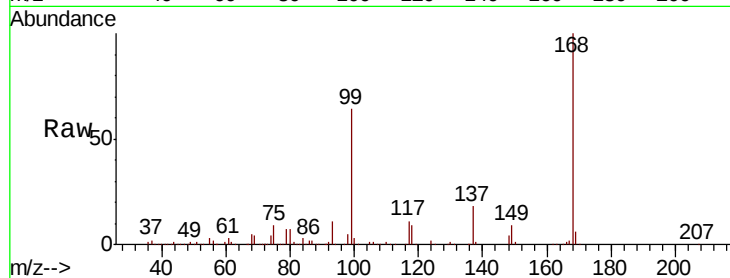
DUP03-20200624

Tot Ion:168 Resp: 207845

Ion Ratio Lower Upper

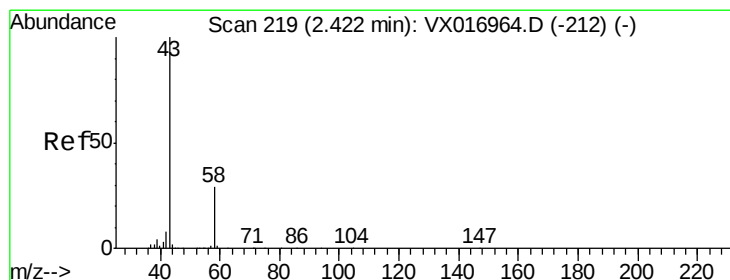
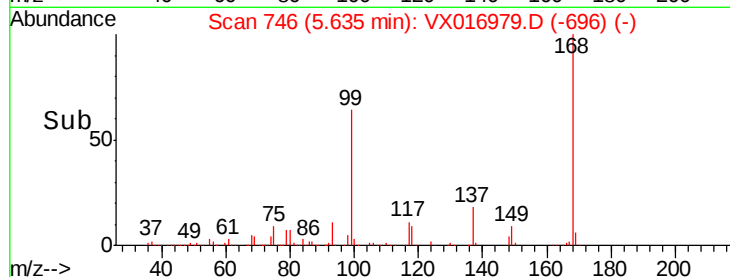
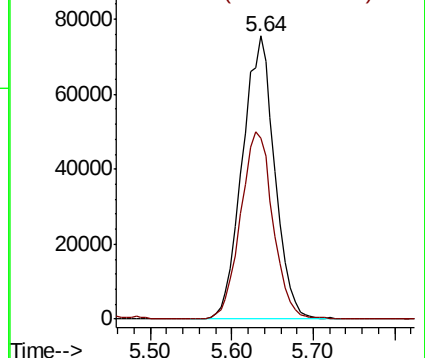
168 100

99 64.0 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.927 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016979.D

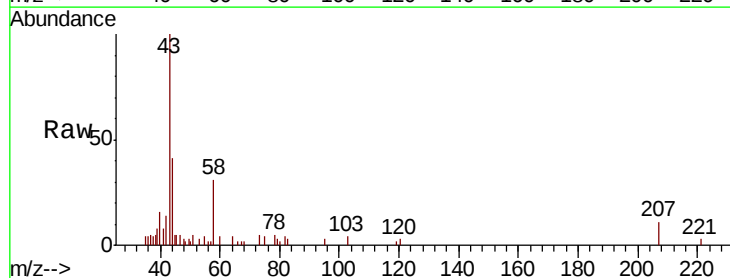
Acq: 26 Jun 2020 13:35

Tgt Ion: 43 Resp: 3591

Ion Ratio Lower Upper

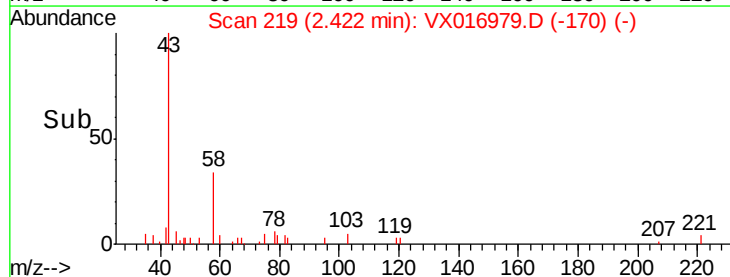
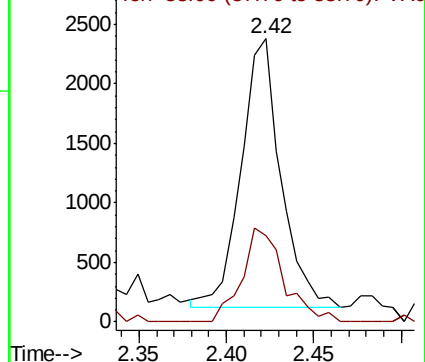
43 100

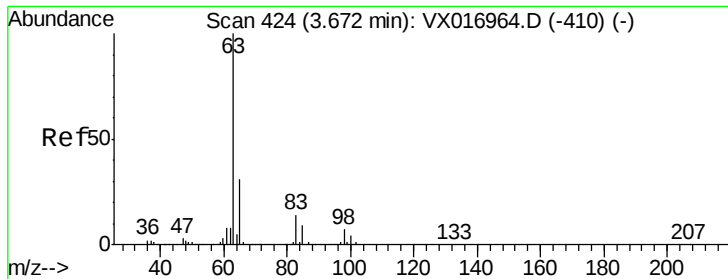
58 32.3 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 0.678 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016979.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20200624

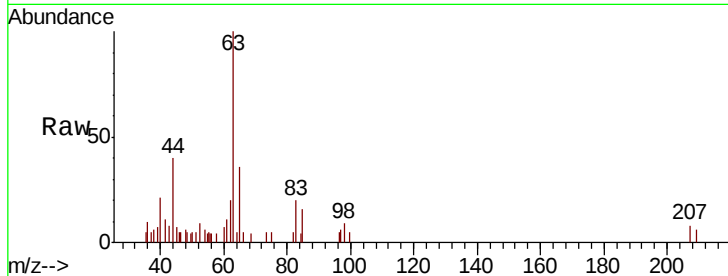
Tot Ion: 63 Resp: 3196

Ion Ratio Lower Upper

63 100

98 9.2 3.6 10.8

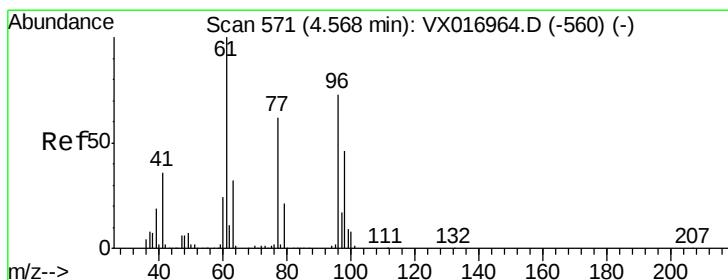
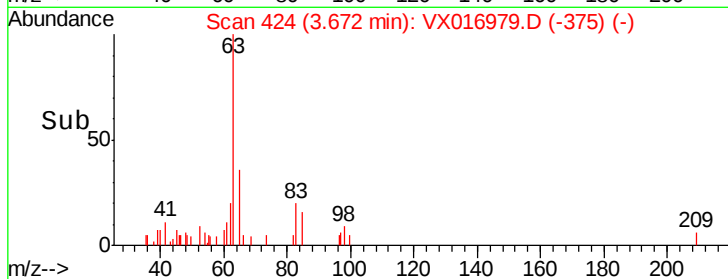
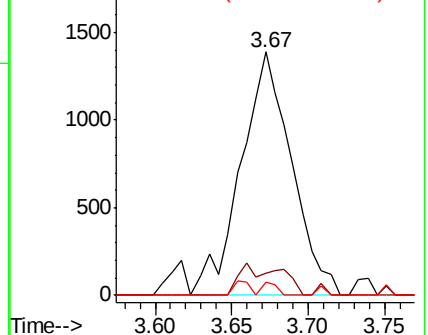
100 5.5 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.050 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016979.D

Acq: 26 Jun 2020 13:35

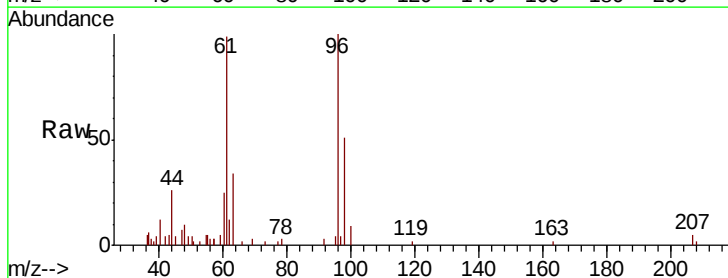
Tgt Ion: 96 Resp: 5897

Ion Ratio Lower Upper

96 100

61 131.1 0.0 307.2

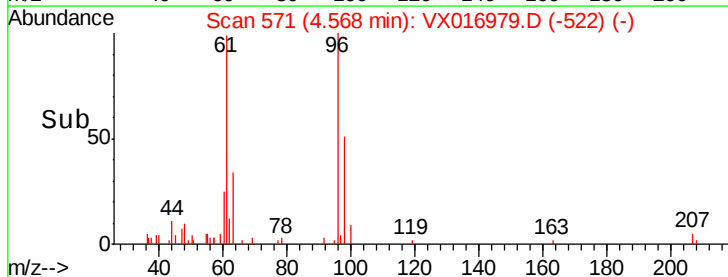
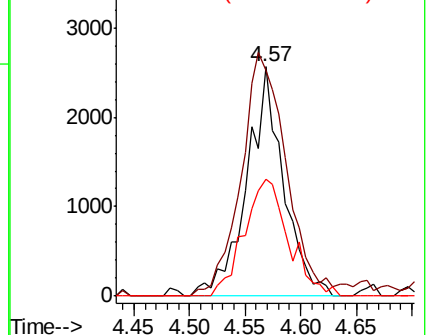
98 61.9 0.0 128.4

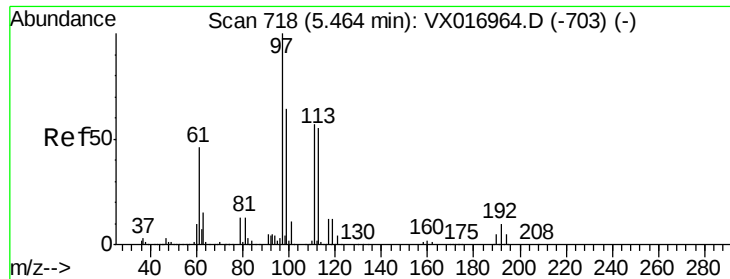


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

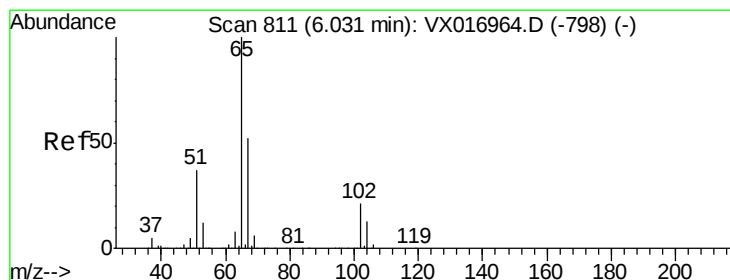
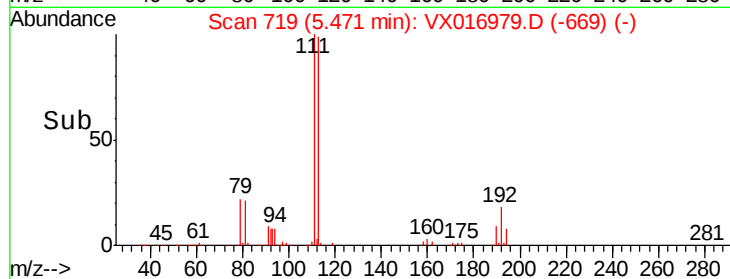
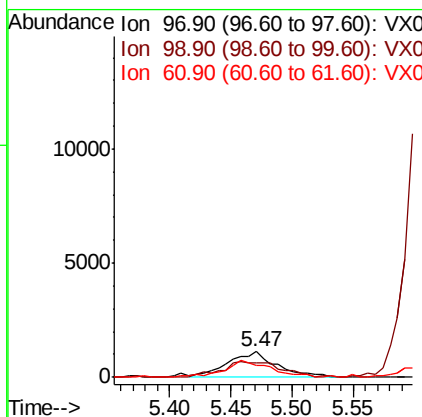
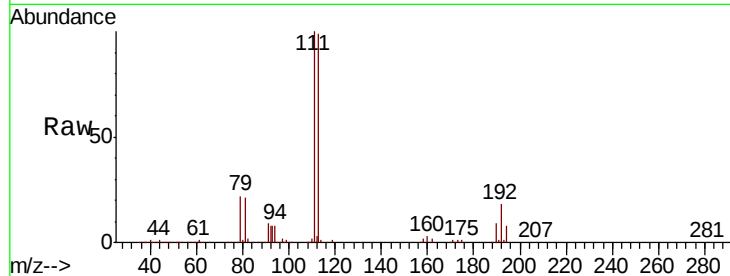




#32
 1,1,1-Trichloroethane
 Concen: 0.732 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016979.D
 Acq: 26 Jun 2020 13:35

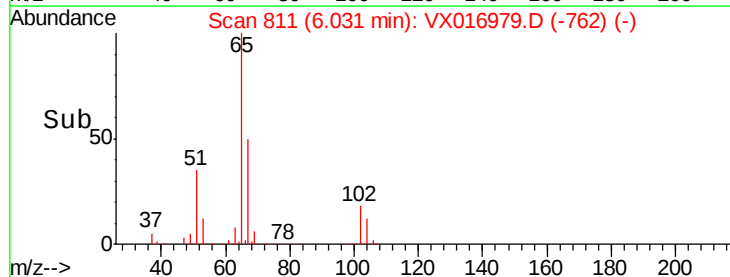
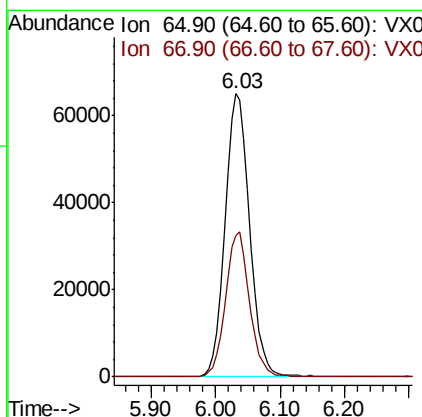
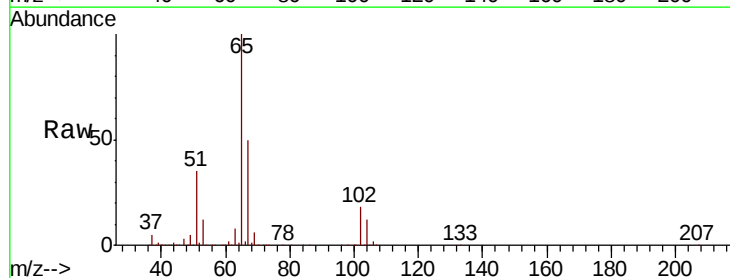
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20200624

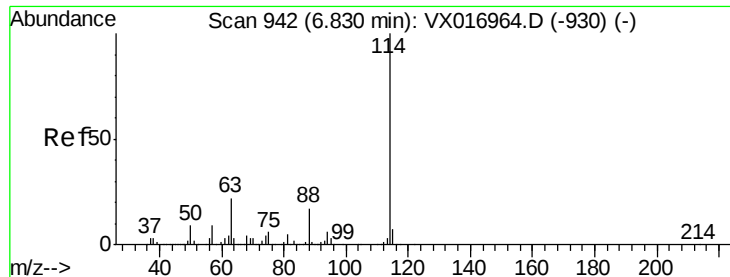
Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.2#
61	63.2	37.0	55.4#



#33
 1,2-Dichloroethane-d4
 Concen: 55.673 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016979.D
 Acq: 26 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016979.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20200624

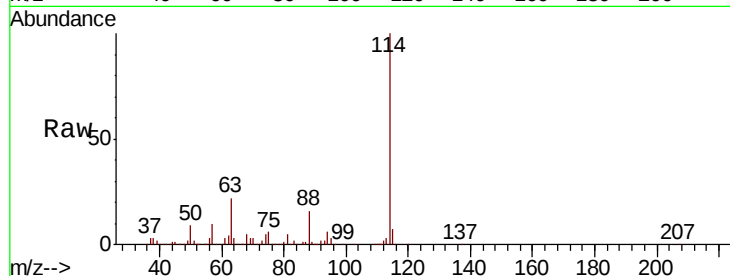
Tot Ion:114 Resp: 382600

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.4

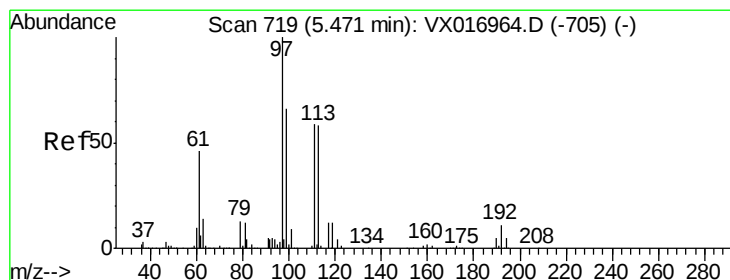
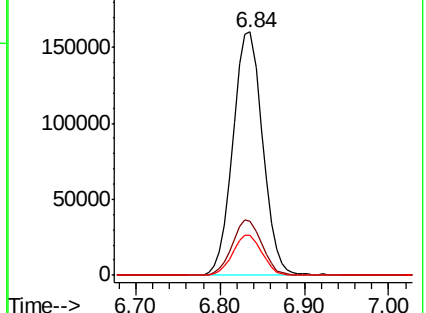
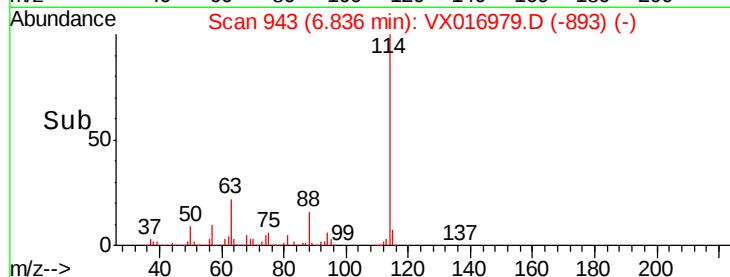
88 16.3 0.0 33.2



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: 50.903 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016979.D

Acq: 26 Jun 2020 13:35

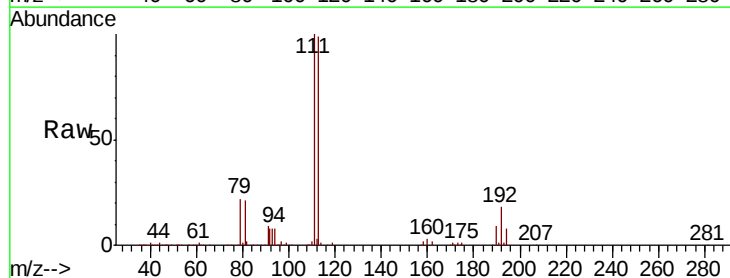
Tgt Ion:113 Resp: 128632

Ion Ratio Lower Upper

113 100

111 101.1 84.3 126.5

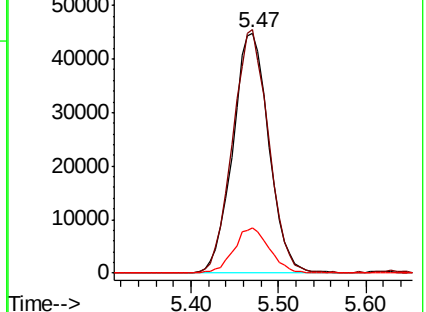
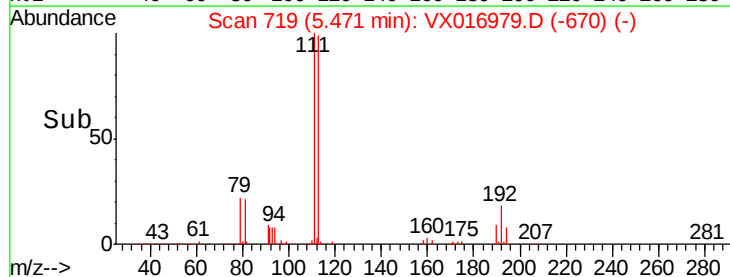
192 18.4 15.2 22.8

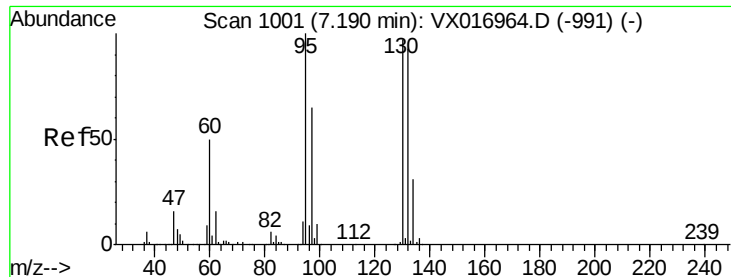


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.809 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016979.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

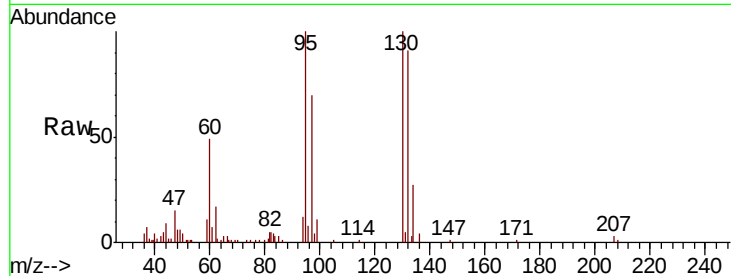
DUP03-20200624

Tot Ion:130 Resp: 11061

Ion Ratio Lower Upper

130 100

95 99.8 0.0 206.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

6000

5000

4000

3000

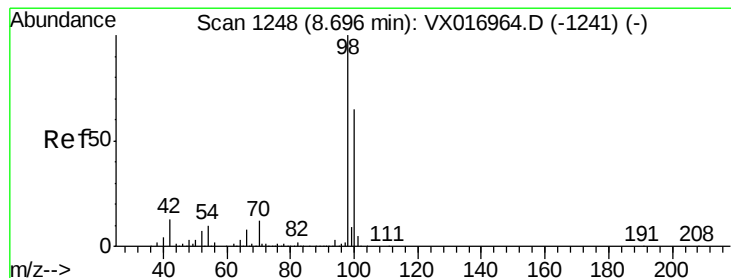
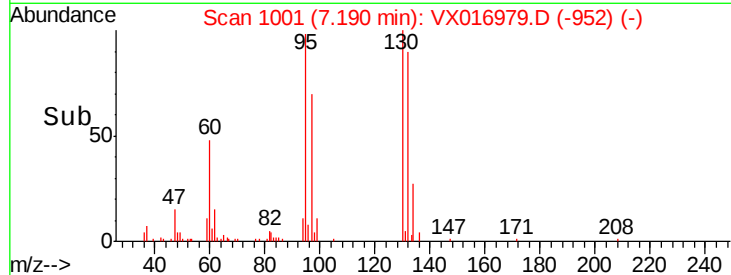
2000

1000

0

Time-->

7.10 7.15 7.20 7.25



#50

Toluene-d8

Concen: 52.453 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016979.D

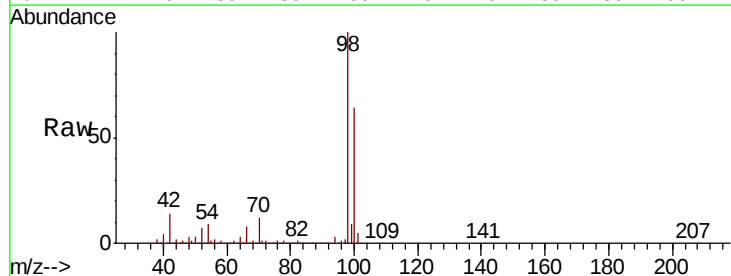
Acq: 26 Jun 2020 13:35

Tgt Ion: 98 Resp: 485861

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

300000

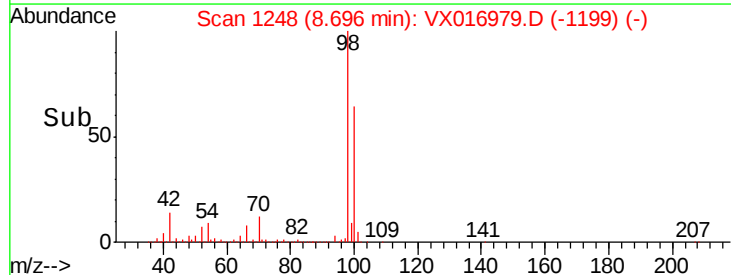
200000

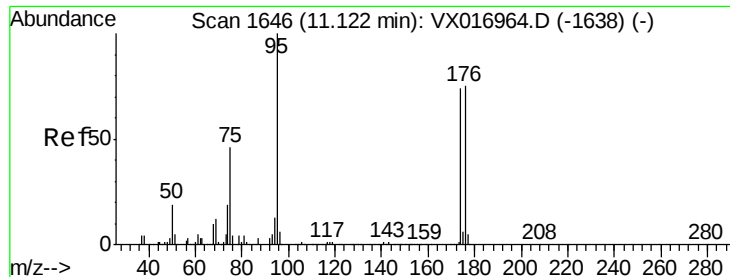
100000

0

Time-->

8.60 8.70 8.80

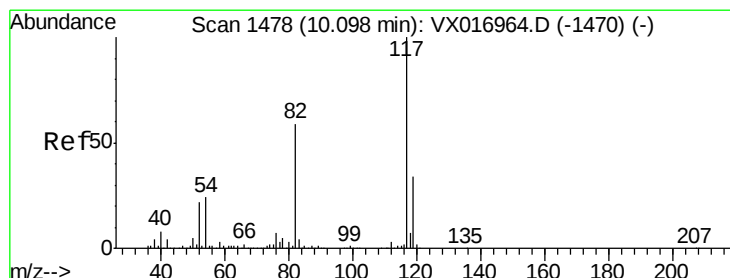
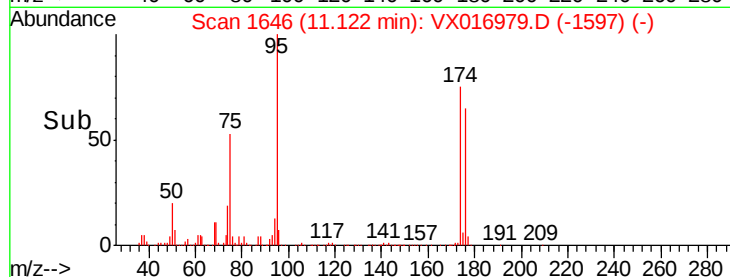
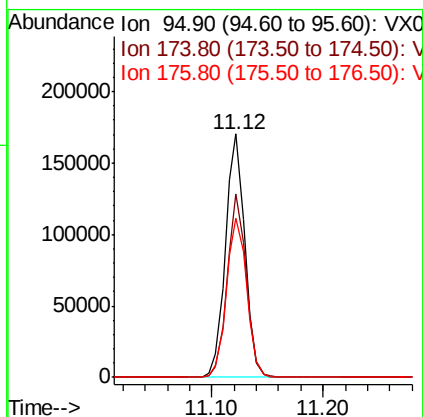
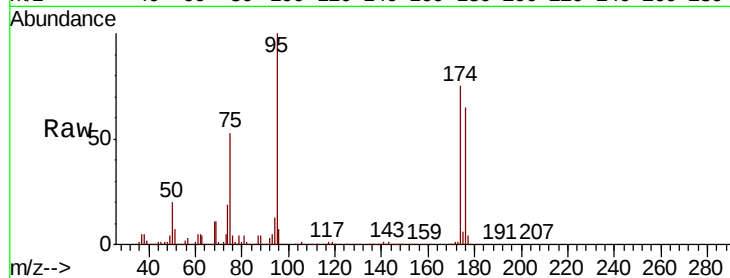




#62
4-Bromofluorobenzene
Concen: 57.048 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016979.D
Acq: 26 Jun 2020 13:35

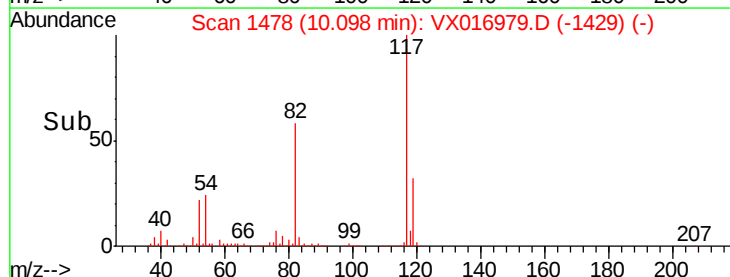
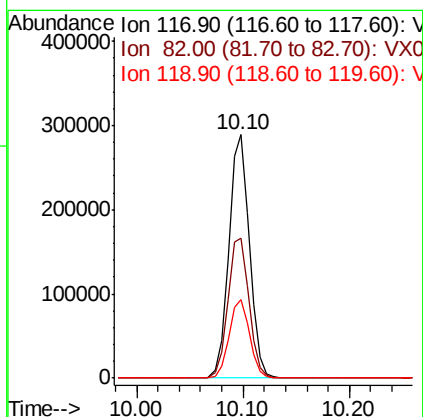
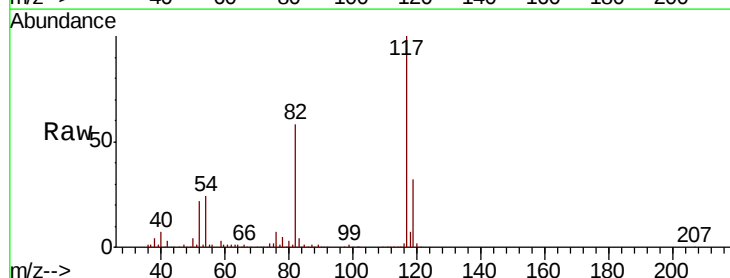
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20200624

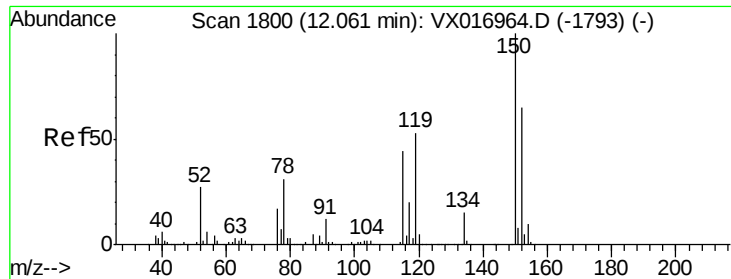
Tot Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	149.6
176	68.4	0.0	148.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016979.D
Acq: 26 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.8	70.2
119	32.3	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: VX016979.D

Acq: 26 Jun 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20200624

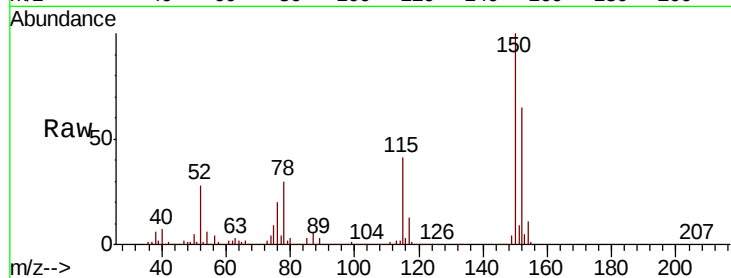
Tot Ion:152 Resp: 197640

Ion Ratio Lower Upper

152 100

115 63.0 42.8 128.4

150 158.7 0.0 347.8



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

