

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016231.D
 Acq On : 14 May 2020 15:16
 Operator : JC/SP
 Sample : L2643-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513

Quant Time: May 15 02:19:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

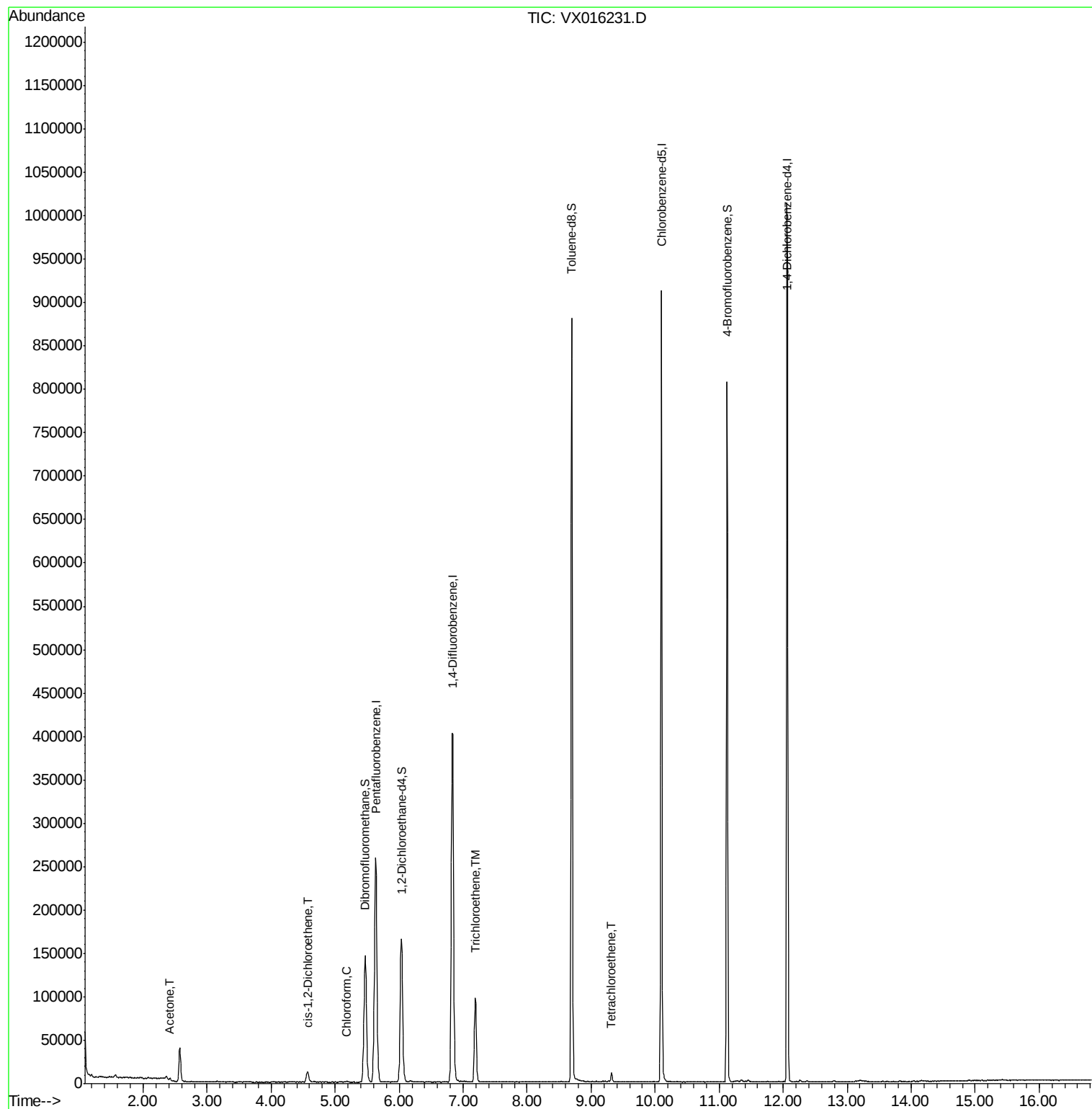
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	254618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	424162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	418475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	160344	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
35) Dibromofluoromethane	5.47	113	128015	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	8.70	98	528235	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.12	95	207878	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
Target Compounds						
16) Acetone	2.42	43	3339	2.233	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	8084	2.507	ug/l	85
30) Chloroform	5.18	83	1287	0.252	ug/l	88
44) Trichloroethene	7.19	130	38120	8.783	ug/l	95
64) Tetrachloroethene	9.32	164	1871	0.364	ug/l #	82

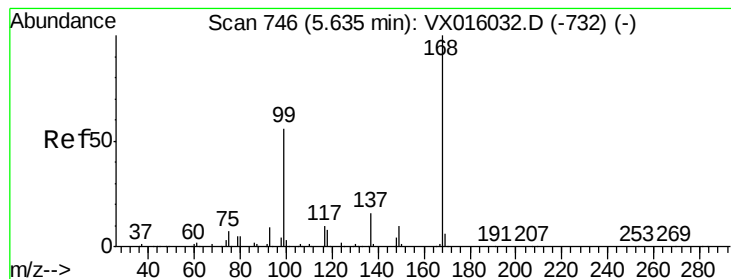
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016231.D

Acq: 14 May 2020 15:16

Instrument :

MSVOA_X

ClientSampleId :

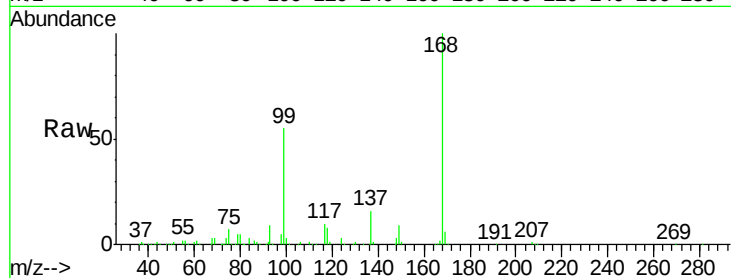
SS052MW098-200513

Tot Ion:168 Resp: 254618

Ion Ratio Lower Upper

168 100

99 55.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

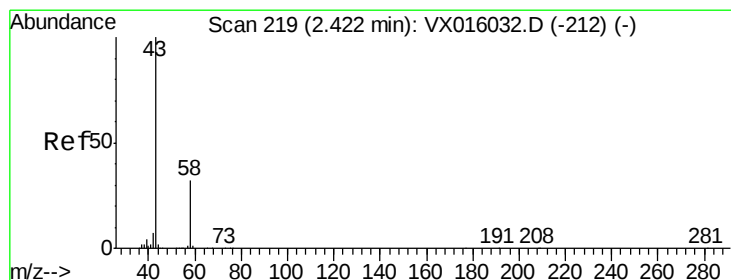
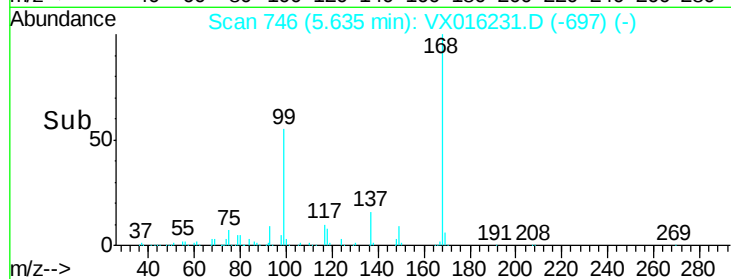
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.233 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016231.D

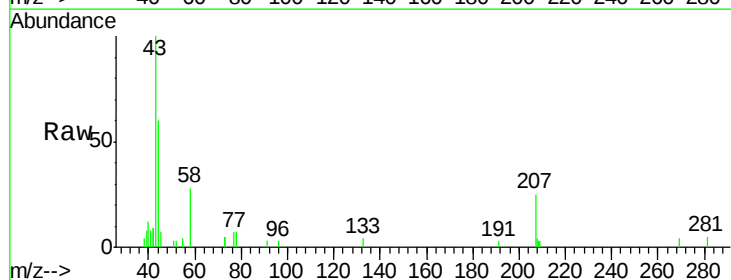
Acq: 14 May 2020 15:16

Tgt Ion: 43 Resp: 3339

Ion Ratio Lower Upper

43 100

58 29.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2000

1500

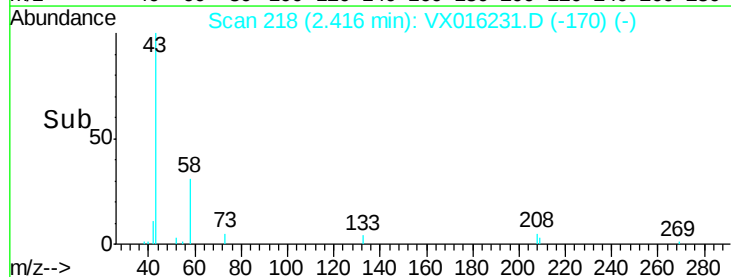
1000

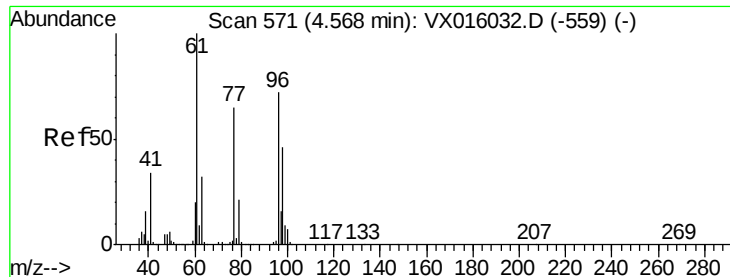
500

0

Time-->

2.35 2.40 2.45



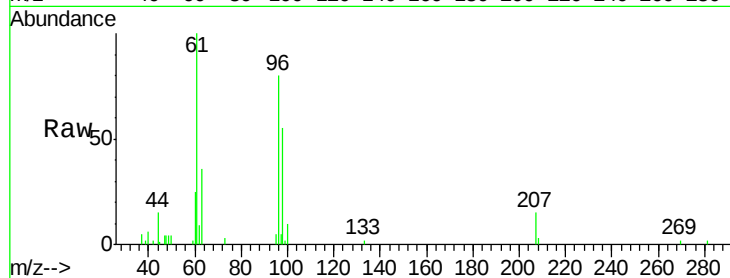


#27

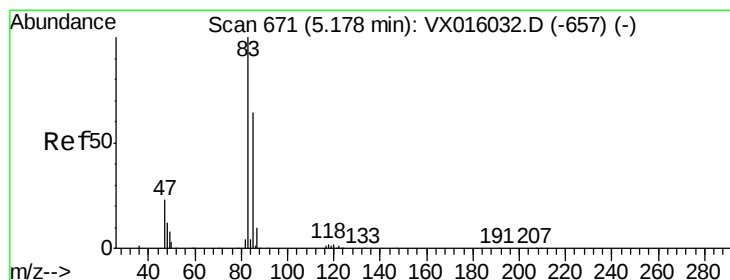
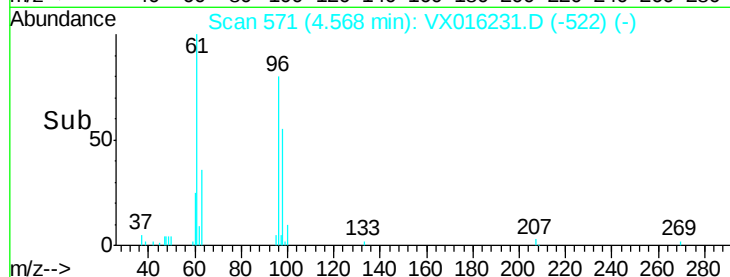
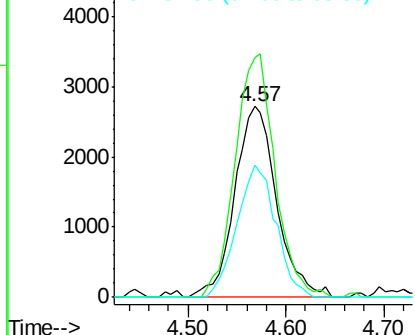
cis-1,2-Dichloroethene
 Concen: 2.507 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016231.D
 Acq: 14 May 2020 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513

Tot Ion: 96 Resp: 8084
 Ion Ratio Lower Upper
 96 100
 61 121.3 0.0 296.2
 98 64.4 0.0 129.4



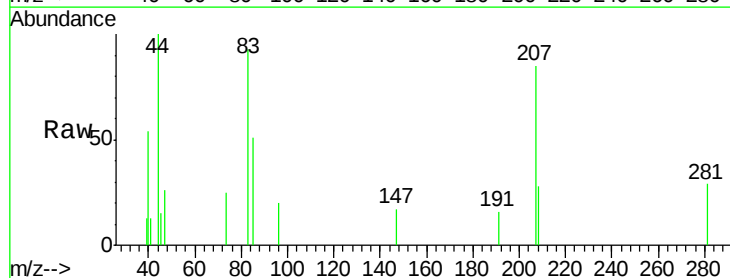
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



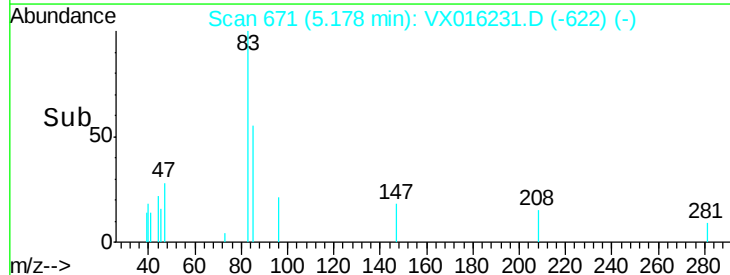
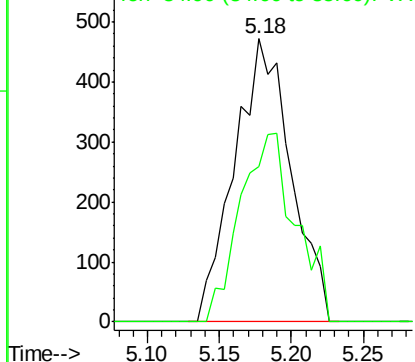
#30

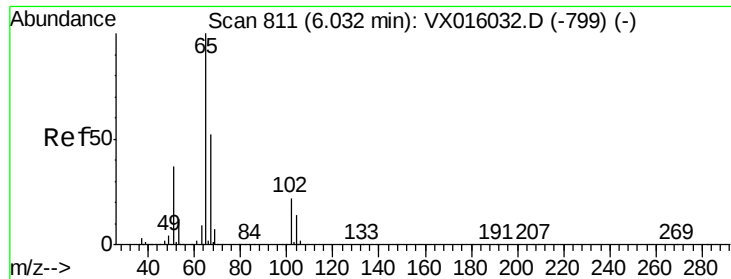
Chloroform
 Concen: 0.252 ug/l
 RT: 5.18 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: VX016231.D
 Acq: 14 May 2020 15:16

Tgt Ion: 83 Resp: 1287
 Ion Ratio Lower Upper
 83 100
 85 54.9 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.857 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016231.D

Acq: 14 May 2020 15:16

Instrument :

MSVOA_X

ClientSampleId :

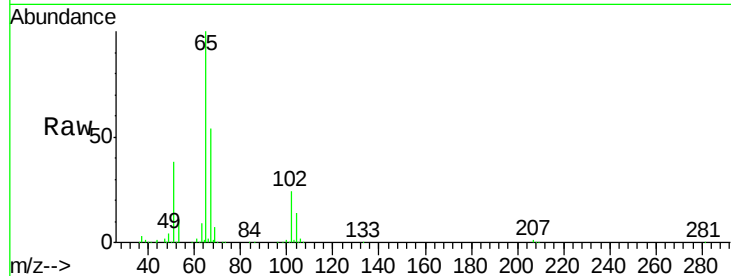
SS052MW098-200513

Tot Ion: 65 Resp: 160344

Ion Ratio Lower Upper

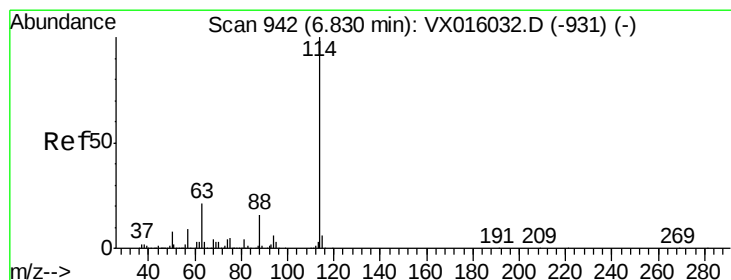
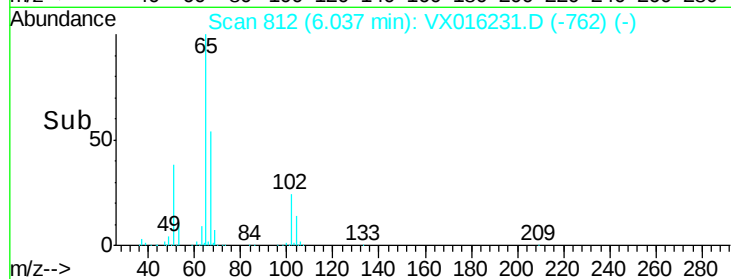
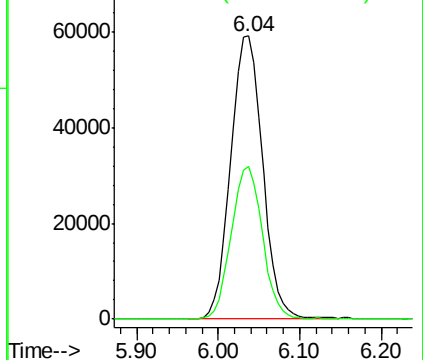
65 100

67 52.5 0.0 104.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016231.D

Acq: 14 May 2020 15:16

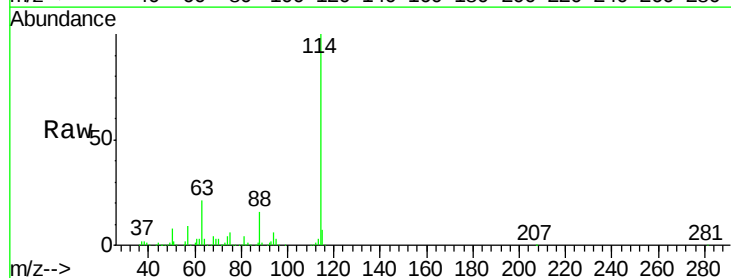
Tgt Ion: 114 Resp: 424162

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

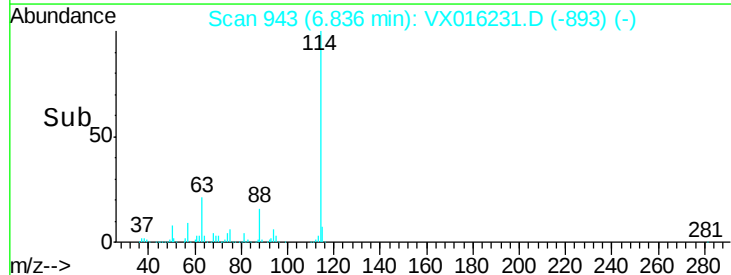
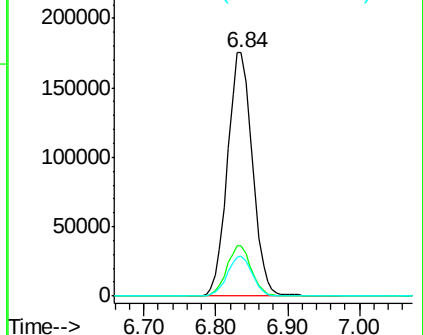
88 16.3 0.0 31.4

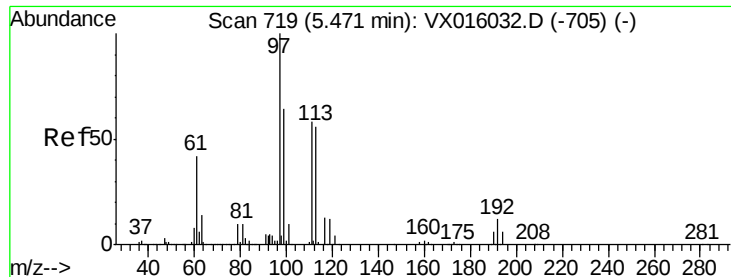


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

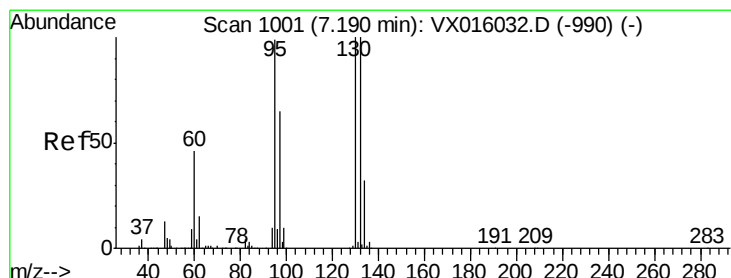
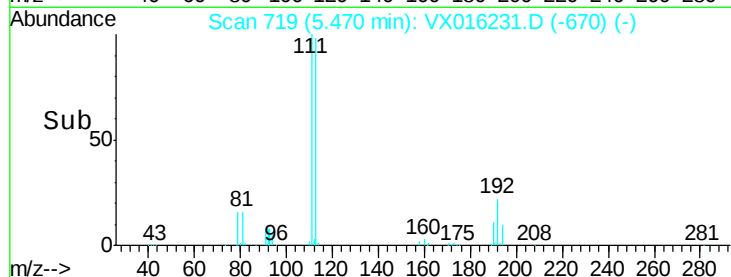
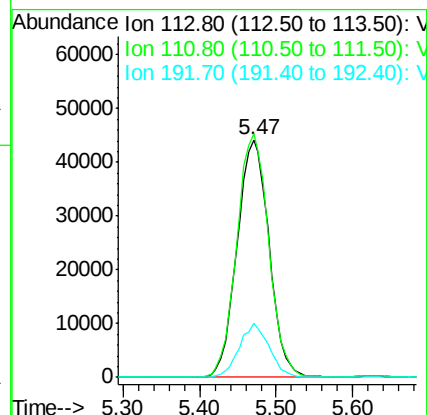
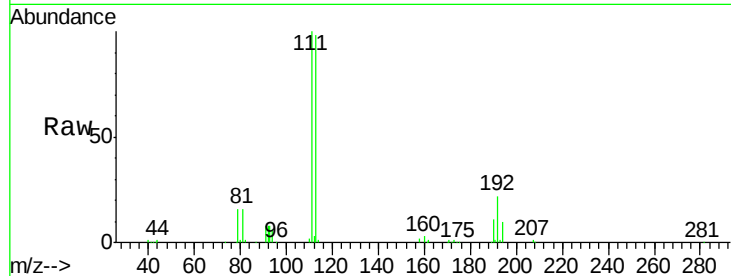




#35
 Dibromofluoromethane
 Concen: 47.638 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016231.D
 Acq: 14 May 2020 15:16

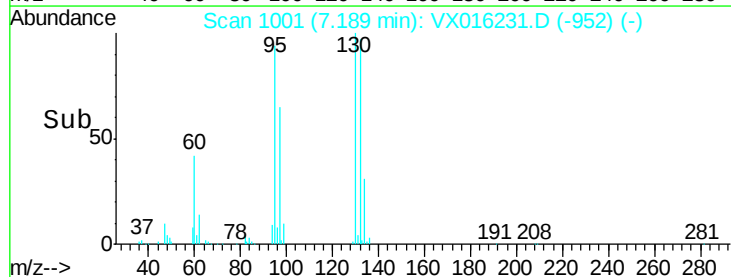
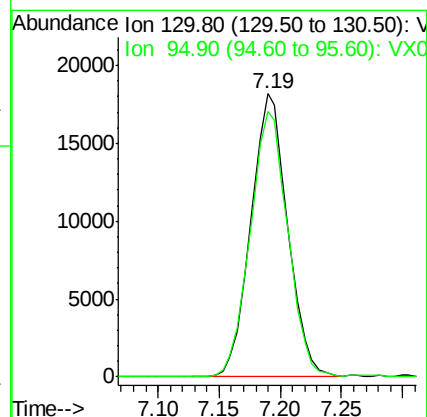
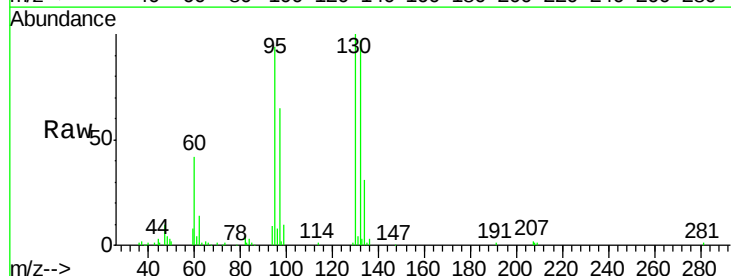
Instrument :
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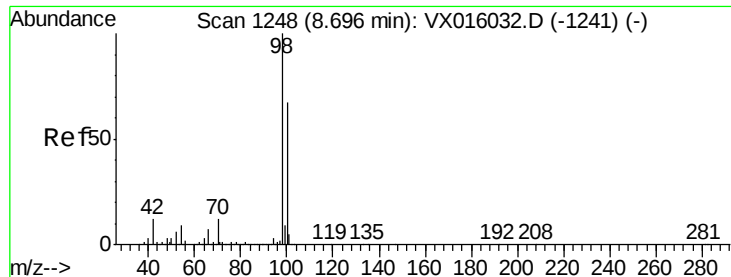
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.6	122.4
192	21.3	17.0	25.4



#44
 Trichloroethene
 Concen: 8.783 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016231.D
 Acq: 14 May 2020 15:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	197.4

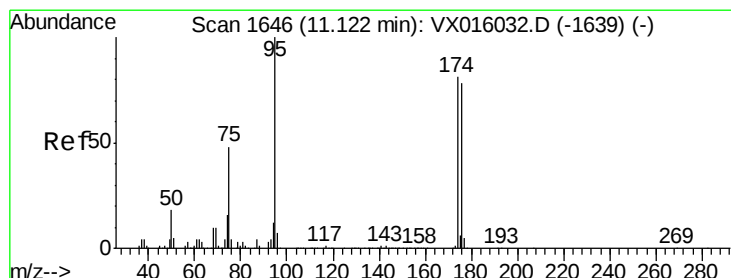
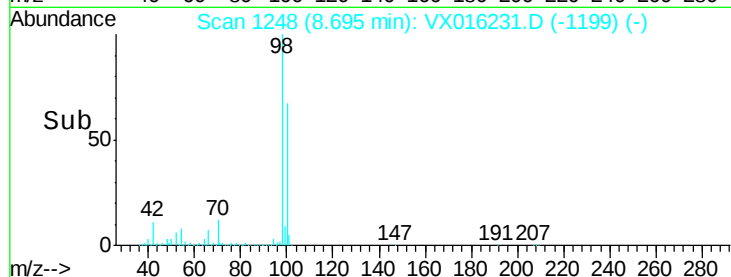
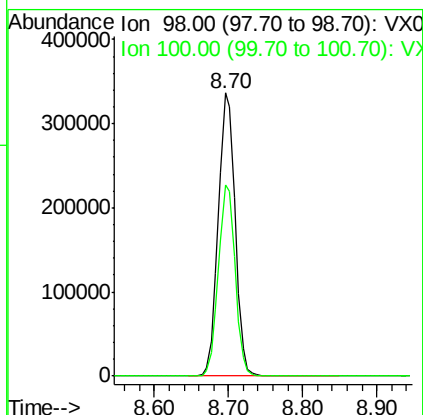
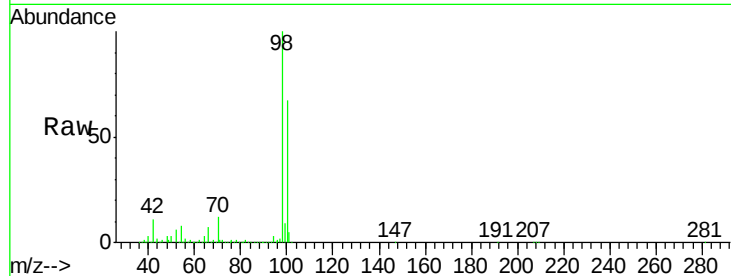




#50
Toluene-d8
Concen: 51.017 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016231.D
Acq: 14 May 2020 15:16

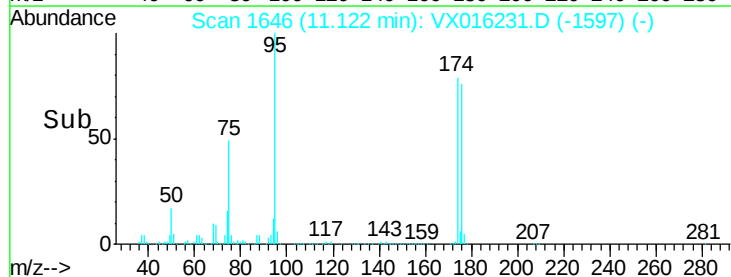
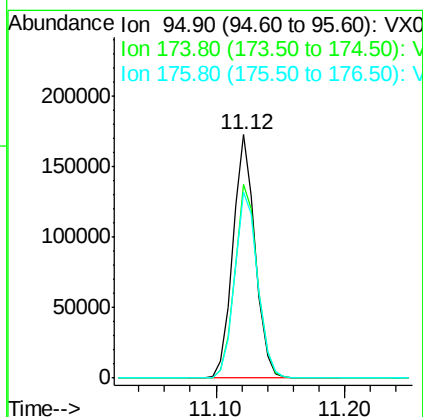
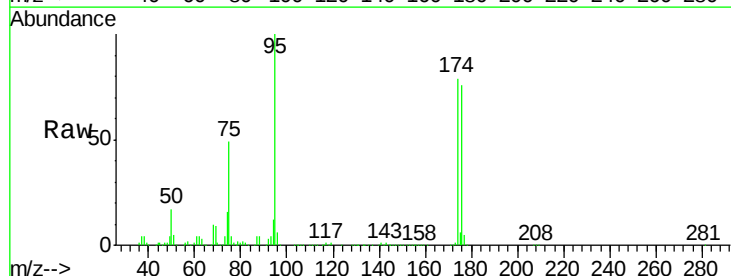
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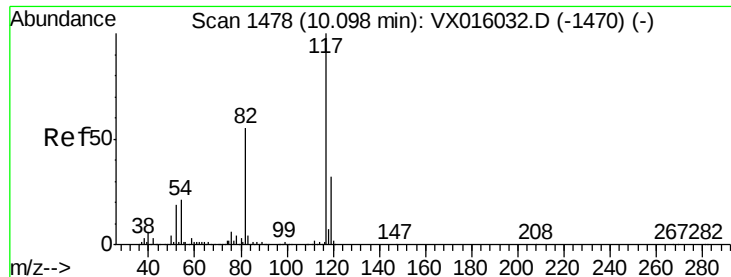
Tot Ion: 98 Resp: 528235
Ion Ratio Lower Upper
98 100
100 67.3 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 52.785 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016231.D
Acq: 14 May 2020 15:16

Tgt Ion: 95 Resp: 207878
Ion Ratio Lower Upper
95 100
174 81.1 0.0 159.4
176 78.9 0.0 157.6

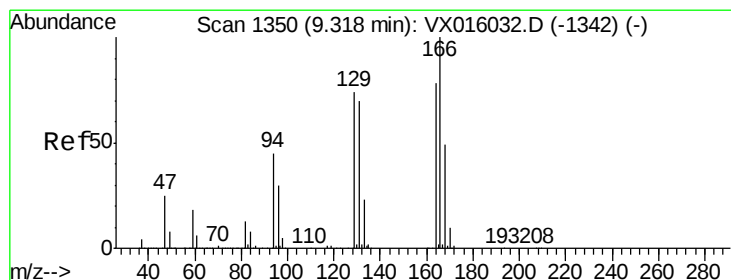
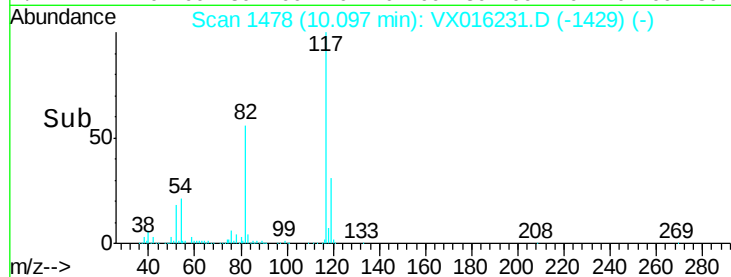
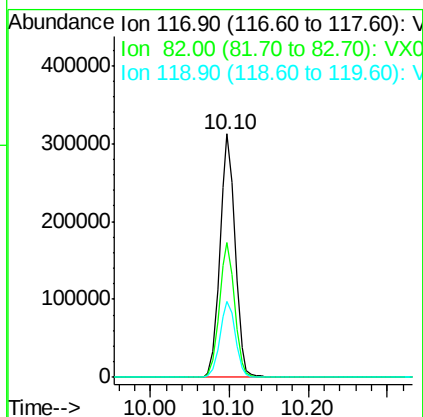
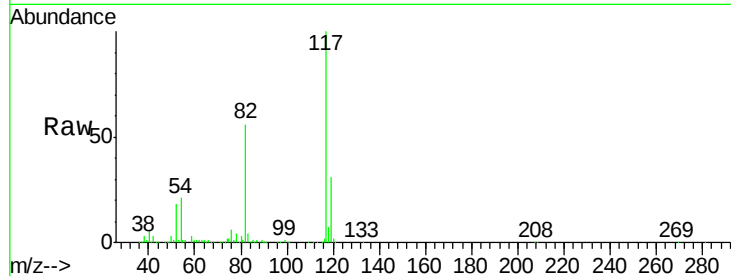




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016231.D
Acq: 14 May 2020 15:16

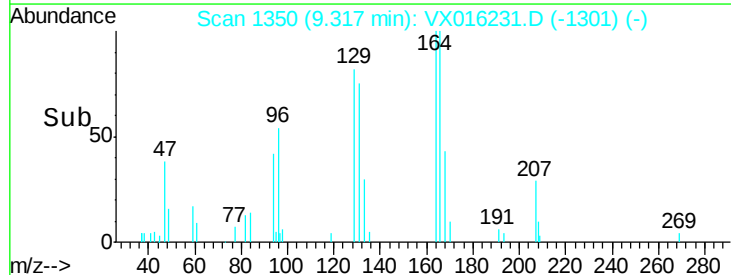
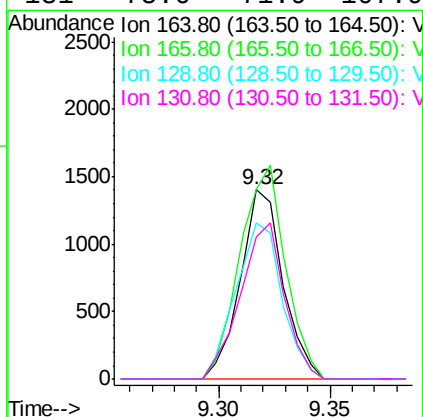
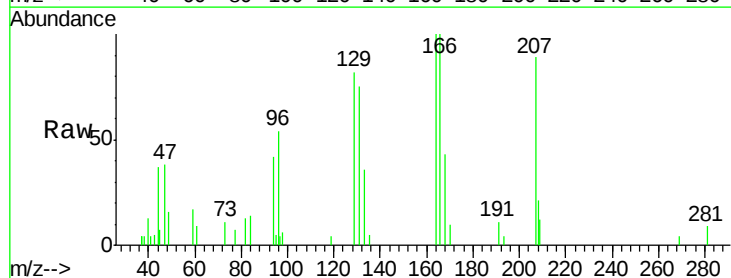
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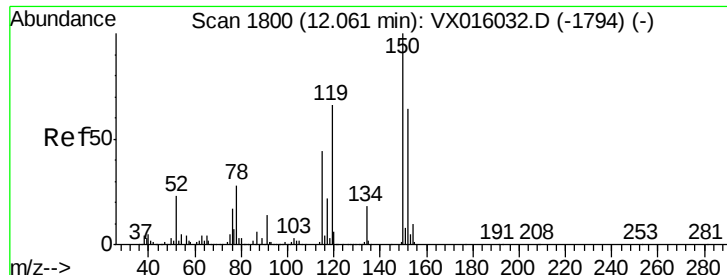
Tot Ion:117 Resp: 418475
Ion Ratio Lower Upper
117 100
82 55.6 44.4 66.6
119 31.1 25.5 38.3



#64
Tetrachloroethene
Concen: 0.364 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016231.D
Acq: 14 May 2020 15:16

Tgt Ion:164 Resp: 1871
Ion Ratio Lower Upper
164 100
166 100.3 102.9 154.3#
129 82.6 76.1 114.1
131 75.6 71.9 107.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016231.D

Acq: 14 May 2020 15:16

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513

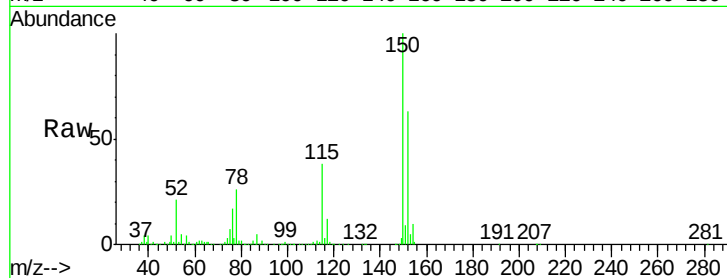
Tot Ion:152 Resp: 212531

Ion Ratio Lower Upper

152 100

115 58.6 41.3 124.1

150 160.0 0.0 352.2



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

