

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016624.D
 Acq On : 05 Jun 2020 20:04
 Operator : JC/SP
 Sample : L2926-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-20200604

Quant Time: Jun 06 07:18:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

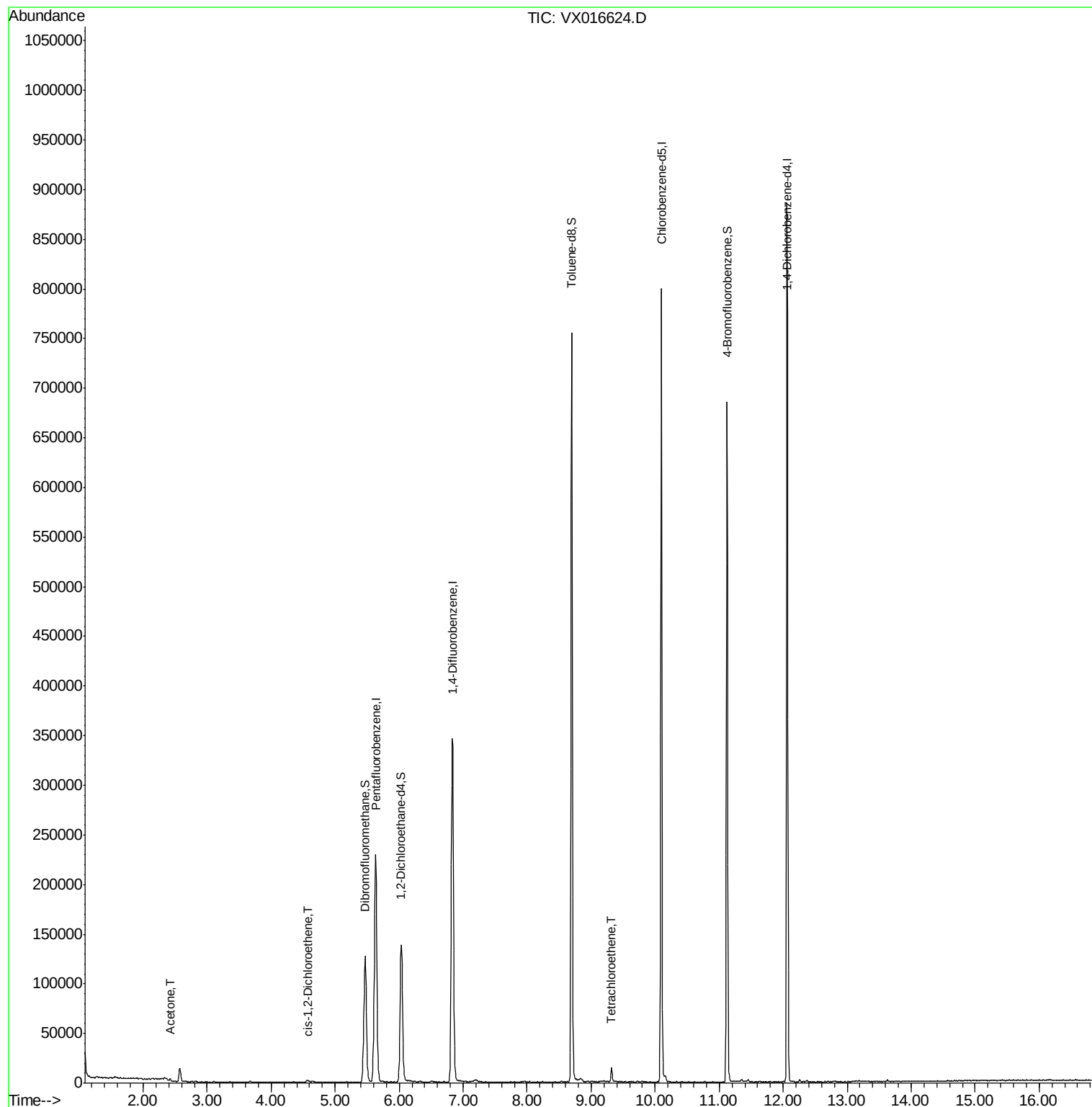
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	223752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	357430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	360277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	136830	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
35) Dibromofluoromethane	5.46	113	110492	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	8.70	98	447047	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	11.12	95	177282	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
Target Compounds						
16) Acetone	2.42	43	2408	1.978	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	1353	0.491	ug/l	75
64) Tetrachloroethene	9.32	164	2633	0.653	ug/l	88

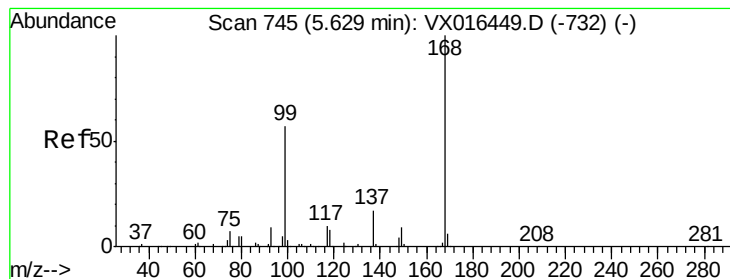
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016624.D

Acq: 05 Jun 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

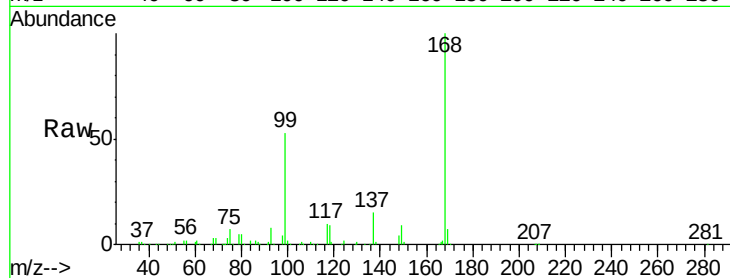
DUP-20200604

Tot Ion:168 Resp: 223752

Ion Ratio Lower Upper

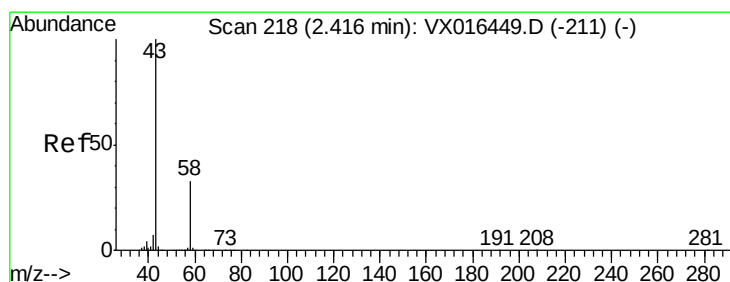
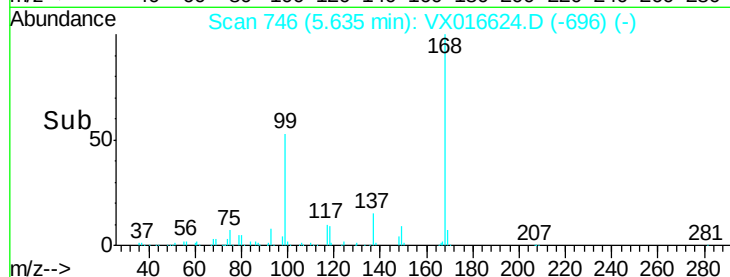
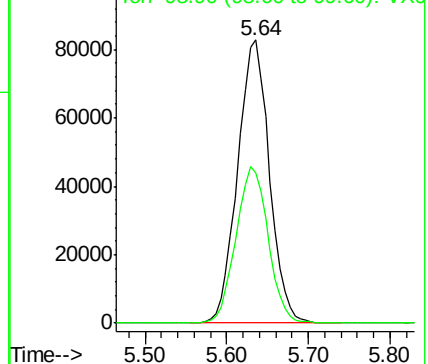
168 100

99 53.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.978 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016624.D

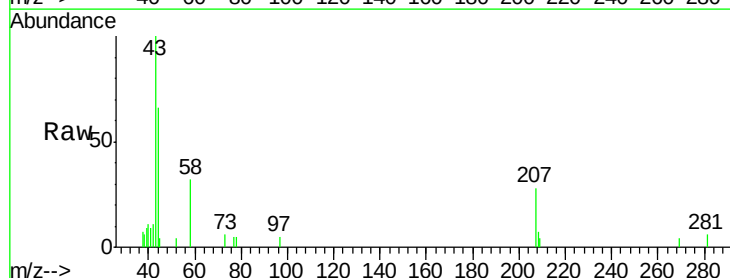
Acq: 05 Jun 2020 20:04

Tgt Ion: 43 Resp: 2408

Ion Ratio Lower Upper

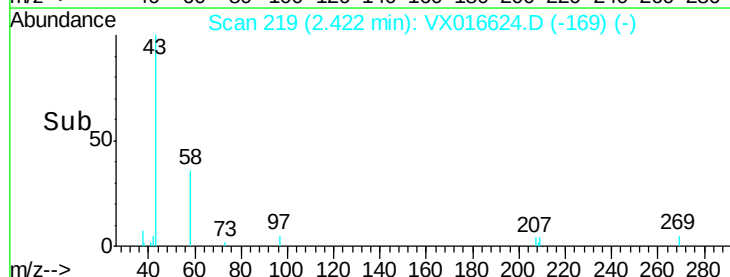
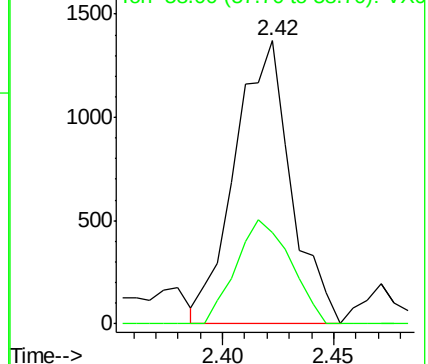
43 100

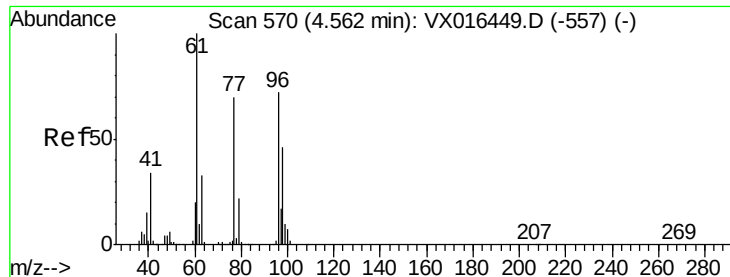
58 32.1 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



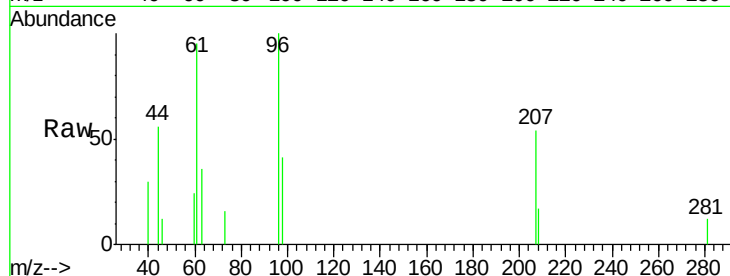


#27

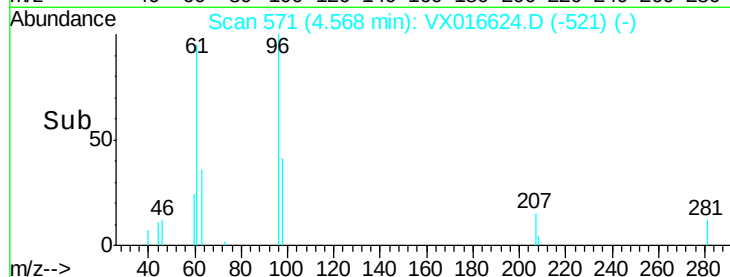
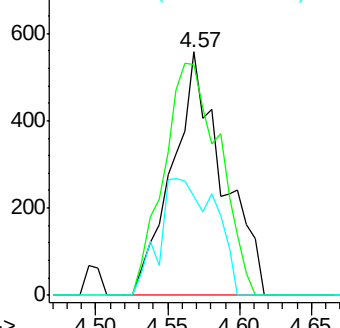
cis-1,2-Dichloroethene
Concen: 0.491 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016624.D
Acq: 05 Jun 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
DUP-20200604

Tot Ion	96	Resp:	1353
Ion	Ratio	Lower	Upper
96	100		
61	105.3	0.0	284.6
98	53.4	0.0	127.2



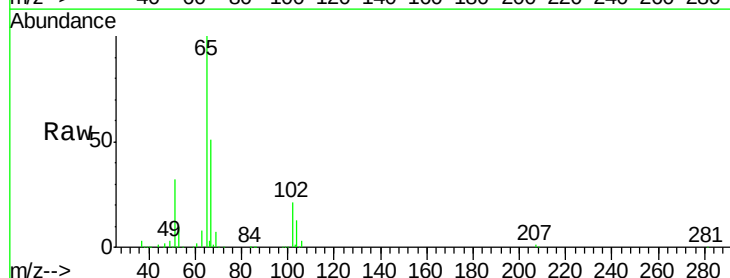
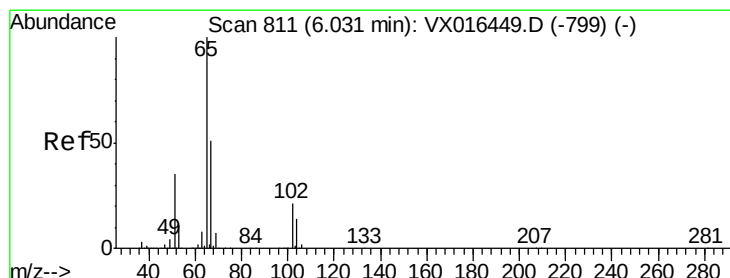
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



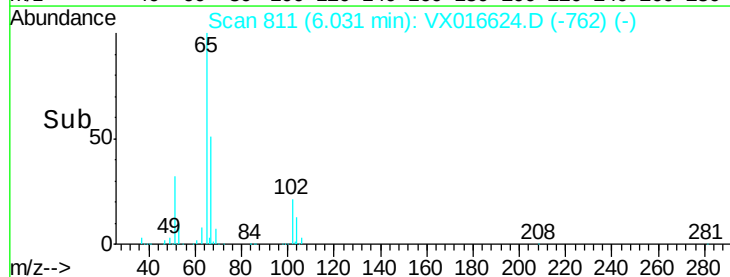
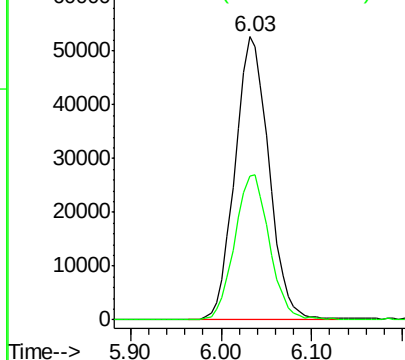
#33

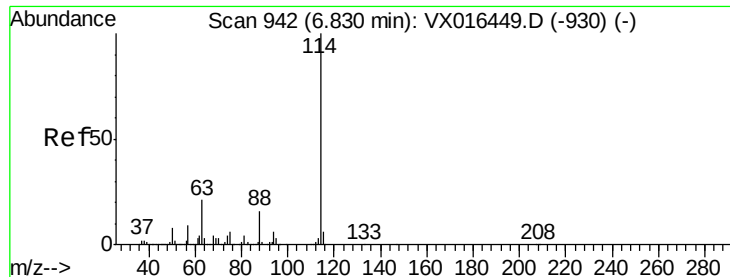
1,2-Dichloroethane-d4
Concen: 49.242 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016624.D
Acq: 05 Jun 2020 20:04

Tgt Ion	65	Resp:	136830
Ion	Ratio	Lower	Upper
65	100		
67	52.2	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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016624.D

Acq: 05 Jun 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

DUP-20200604

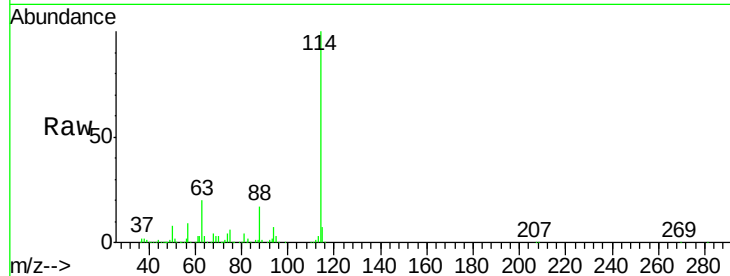
Tot Ion:114 Resp: 357430

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 16.6 0.0 32.8



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

200000

150000

100000

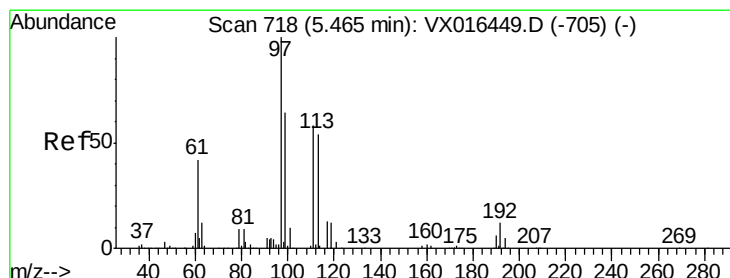
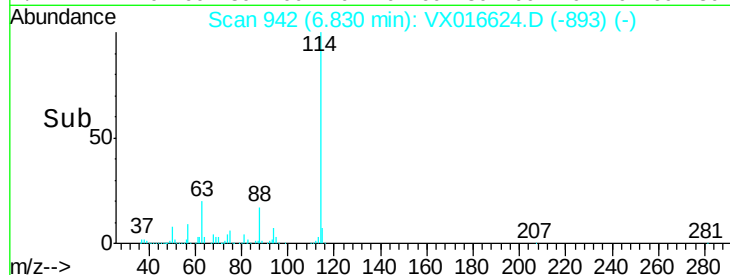
50000

0

6.83

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 50.204 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016624.D

Acq: 05 Jun 2020 20:04

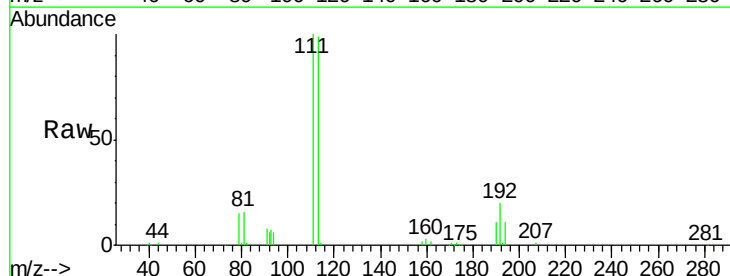
Tgt Ion:113 Resp: 110492

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

192 22.2 17.7 26.5



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

50000

40000

30000

20000

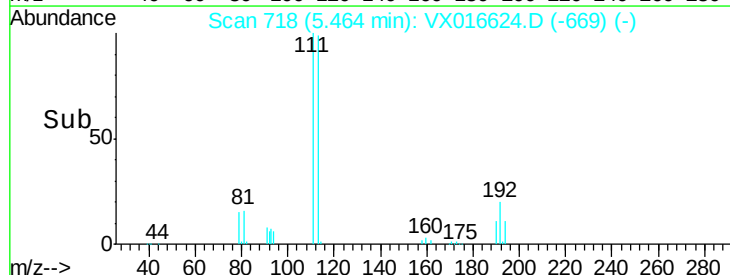
10000

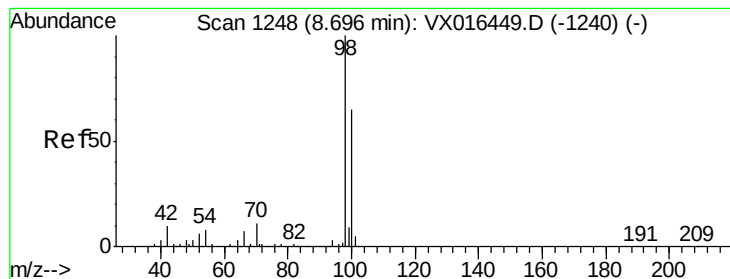
0

5.46

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 52.187 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016624.D

Acq: 05 Jun 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

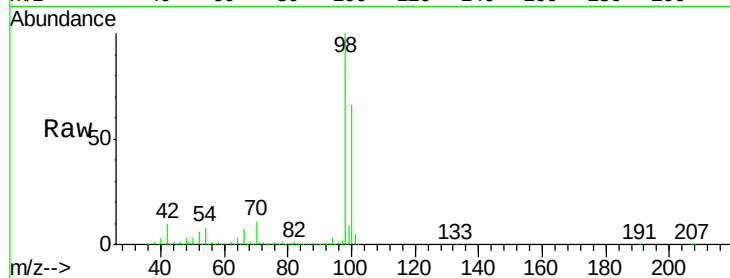
DUP-20200604

Tot Ion: 98 Resp: 447047

Ion Ratio Lower Upper

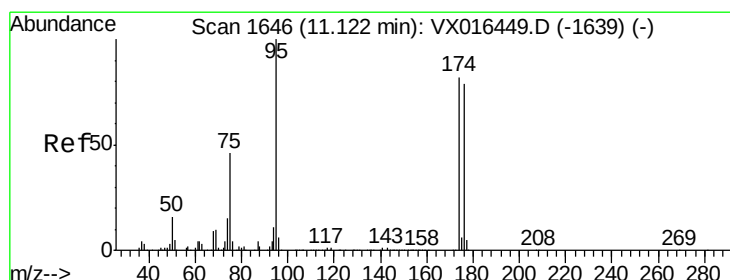
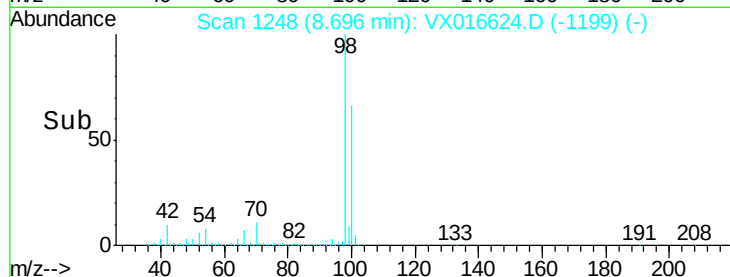
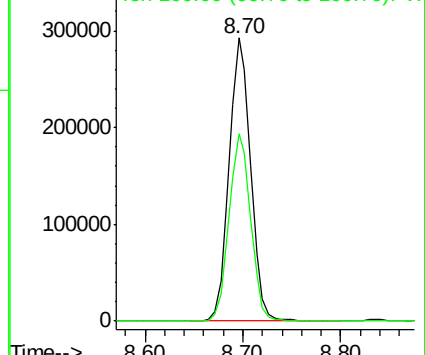
98 100

100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.560 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016624.D

Acq: 05 Jun 2020 20:04

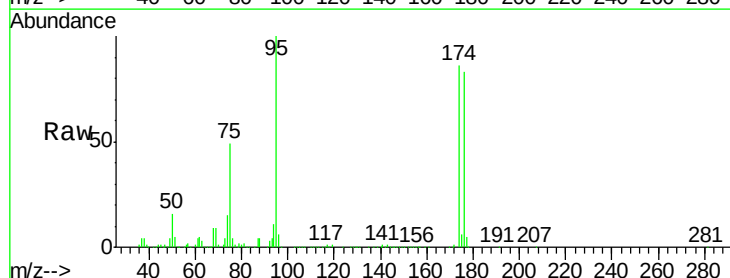
Tgt Ion: 95 Resp: 177282

Ion Ratio Lower Upper

95 100

174 86.9 0.0 163.0

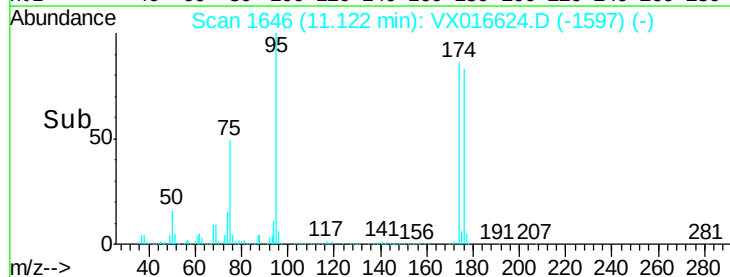
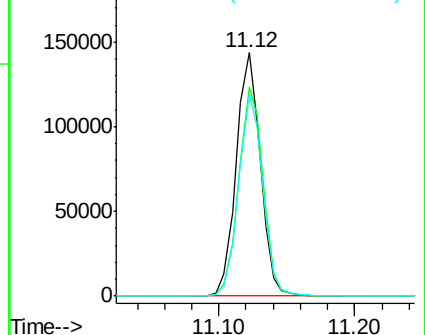
176 83.0 0.0 156.8

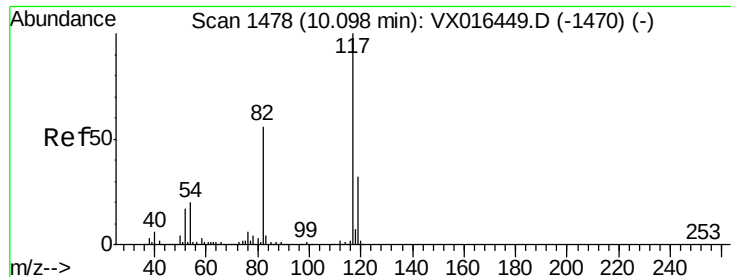


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

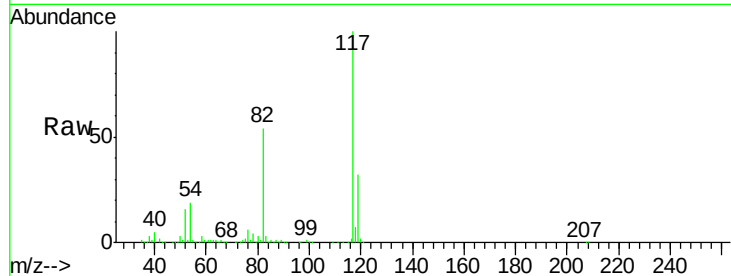




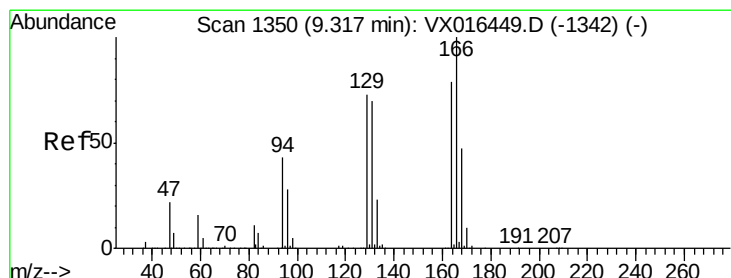
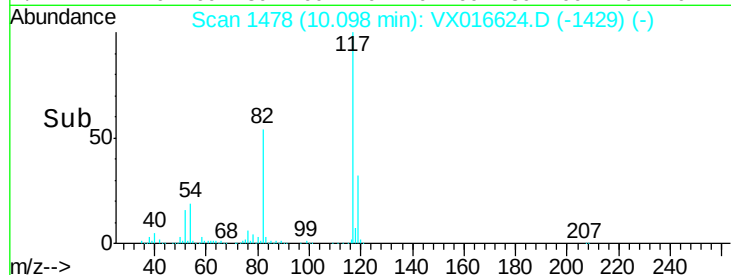
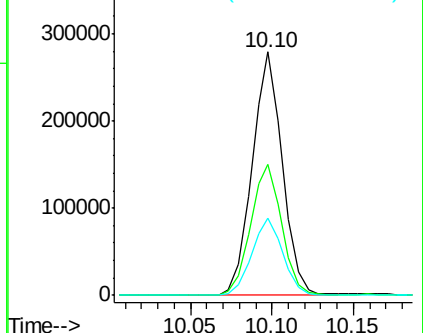
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016624.D
Acq: 05 Jun 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
DUP-20200604

Tot Ion:117 Resp: 360277
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.6
119 32.0 25.8 38.8



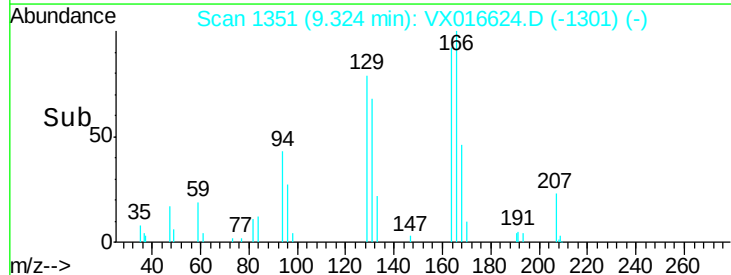
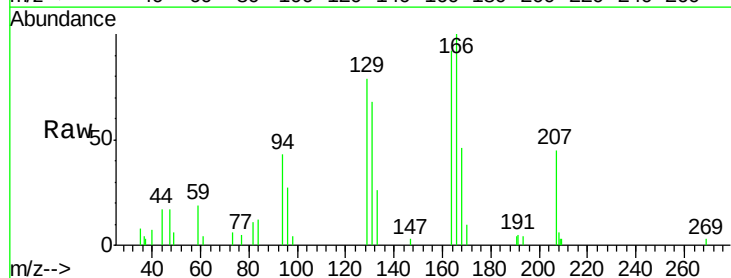
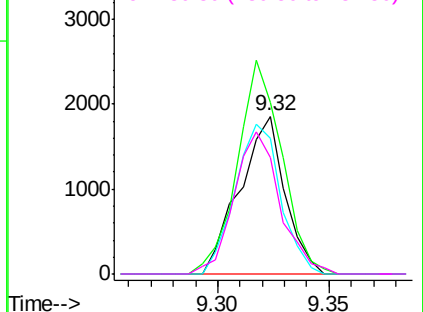
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

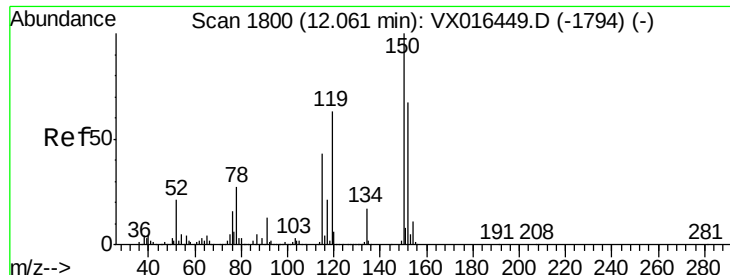


#64
Tetrachloroethene
Concen: 0.653 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016624.D
Acq: 05 Jun 2020 20:04

Tgt Ion:164 Resp: 2633
Ion Ratio Lower Upper
164 100
166 109.1 100.9 151.3
129 85.9 73.2 109.8
131 74.4 70.8 106.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016624.D

Acq: 05 Jun 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

DUP-20200604

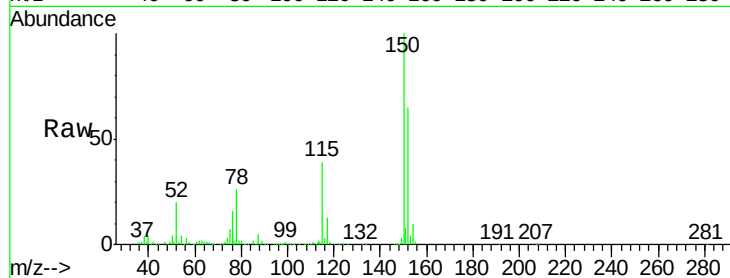
Tot Ion:152 Resp: 185442

Ion Ratio Lower Upper

152 100

115 58.8 39.9 119.6

150 157.1 0.0 341.0



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

