

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071720\
 Data File : VX017424.D
 Acq On : 17 Jul 2020 16:56
 Operator : JC/SP
 Sample : L3323-05DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 219-220DL

Quant Time: Jul 18 07:55:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	236029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	433345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	455081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	237813	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	168492	56.88	ug/l	0.00
Spiked Amount			Recovery	=	113.76%	
35) Dibromofluoromethane	5.47	113	144561	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
50) Toluene-d8	8.70	98	533382	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.12	95	223217	53.37	ug/l	0.00
Spiked Amount			Recovery	=	106.74%	

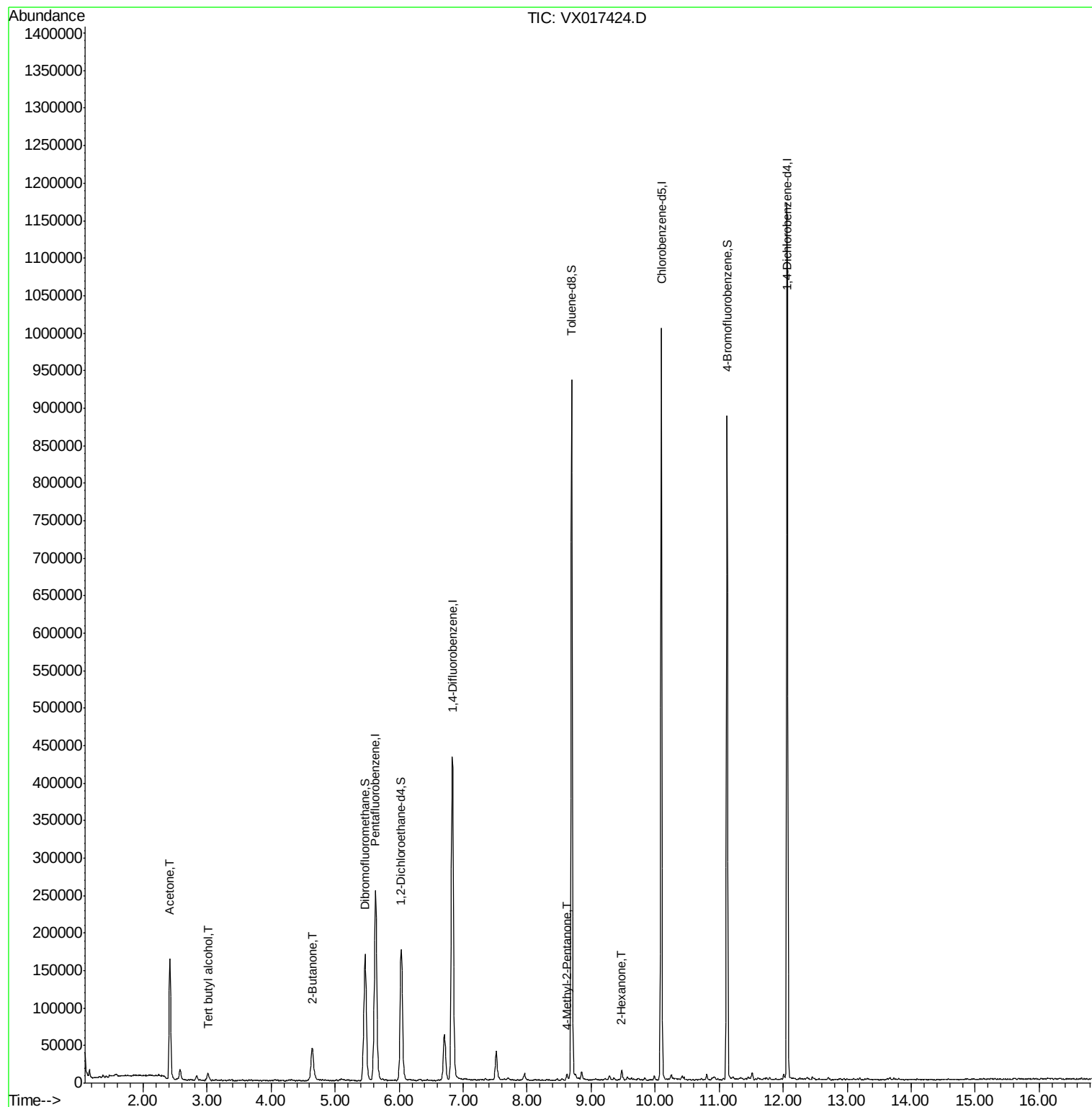
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	10110	20.256	ug/l	96
16) Acetone	2.42	43	178163	168.580	ug/l	96
25) 2-Butanone	4.64	43	67055	39.947	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4585	1.142	ug/l	96
59) 2-Hexanone	9.48	43	6640	2.190	ug/l	97

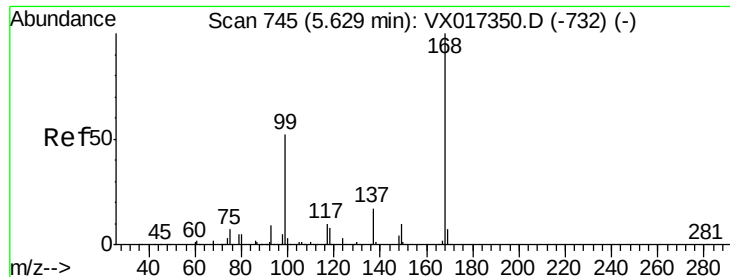
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 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: VX017424.D

Acq: 17 Jul 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

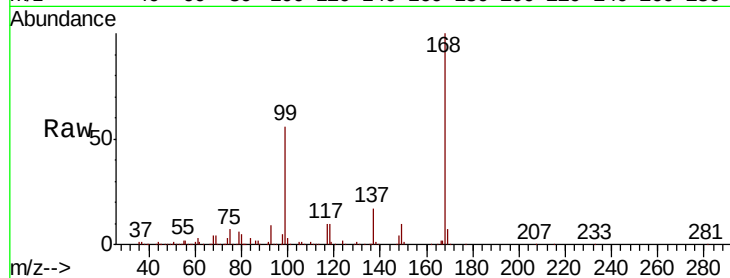
219-220DL

Tot Ion:168 Resp: 236029

Ion Ratio Lower Upper

168 100

99 56.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

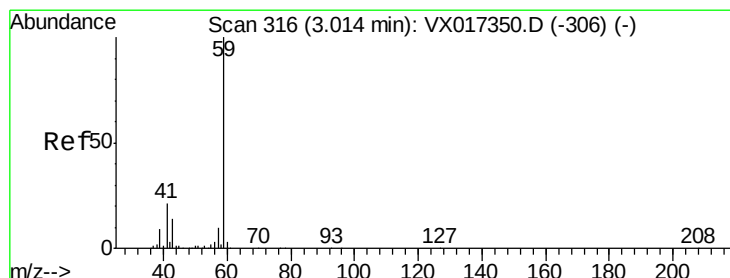
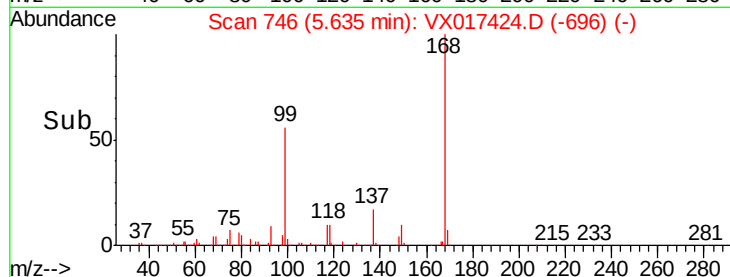
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#11

Tert butyl alcohol

Concen: 20.256 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX017424.D

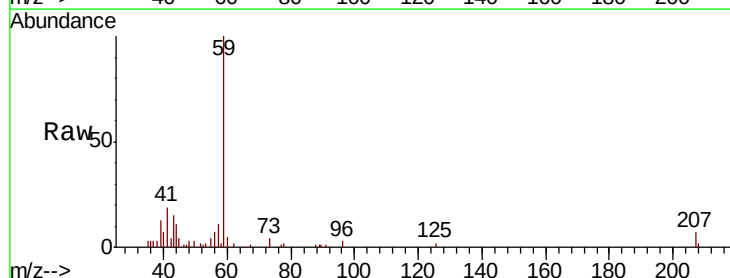
Acq: 17 Jul 2020 16:56

Tgt Ion: 59 Resp: 10110

Ion Ratio Lower Upper

59 100

57 11.8 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

6000

5000

4000

3000

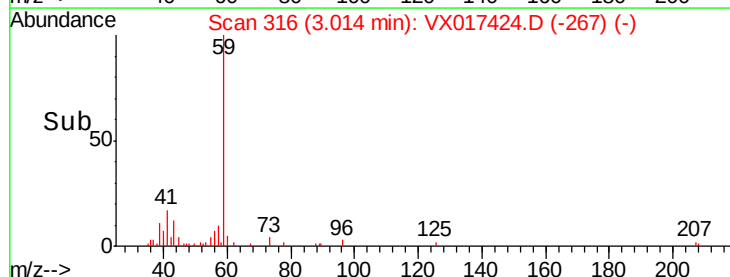
2000

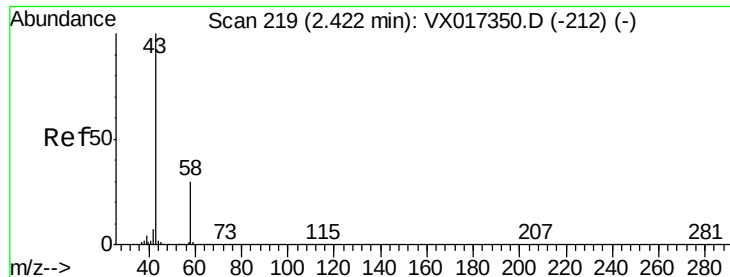
1000

0

2.95 3.00 3.05 3.10

Time-->





#16

Acetone

Concen: 168.580 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017424.D

Acq: 17 Jul 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

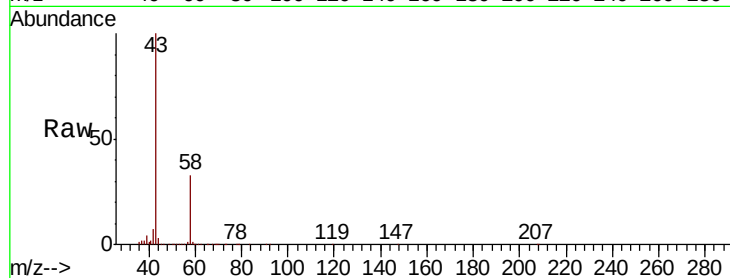
219-220DL

Tot Ion: 43 Resp: 178163

Ion Ratio Lower Upper

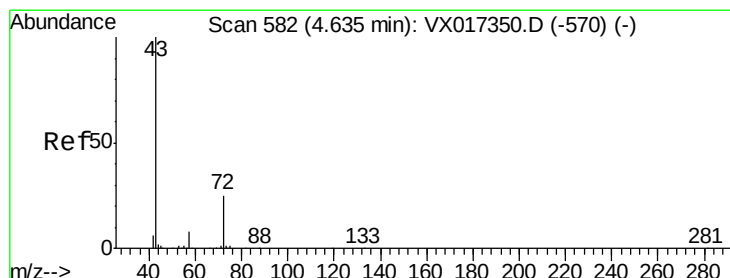
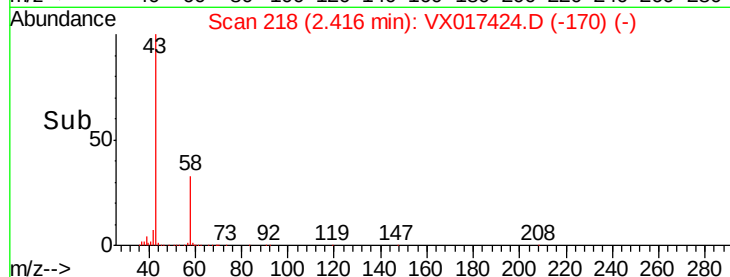
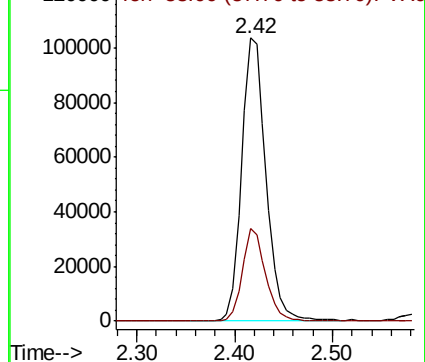
43 100

58 32.5 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#25

2-Butanone

Concen: 39.947 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017424.D

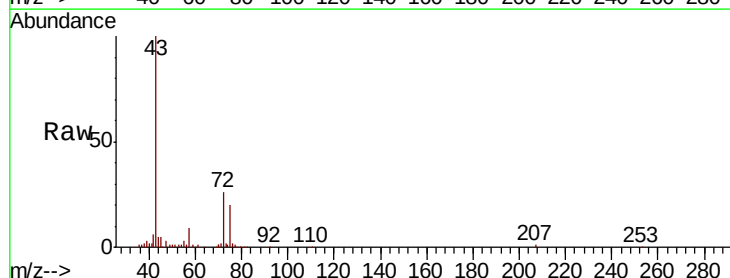
Acq: 17 Jul 2020 16:56

Tgt Ion: 43 Resp: 67055

Ion Ratio Lower Upper

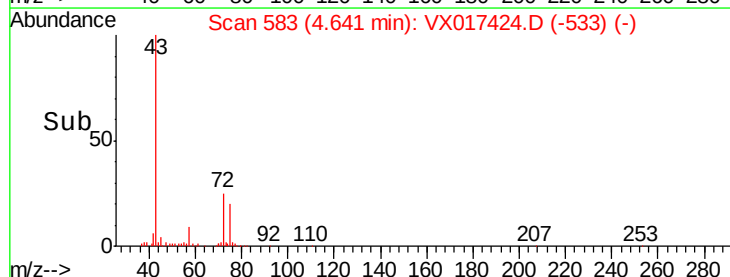
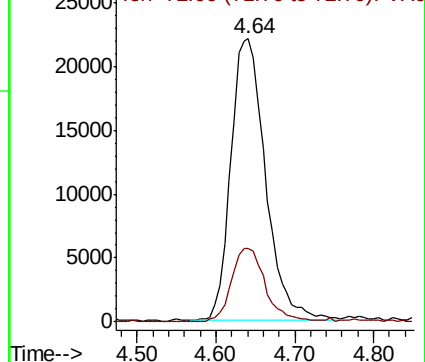
43 100

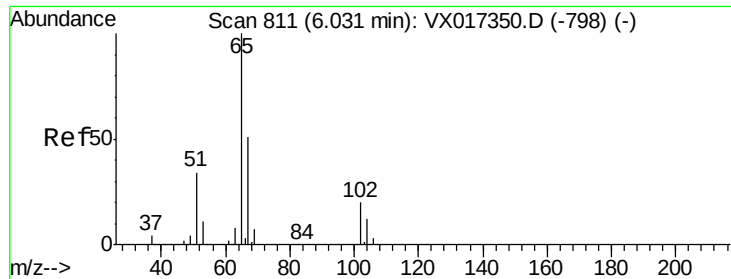
72 25.9 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

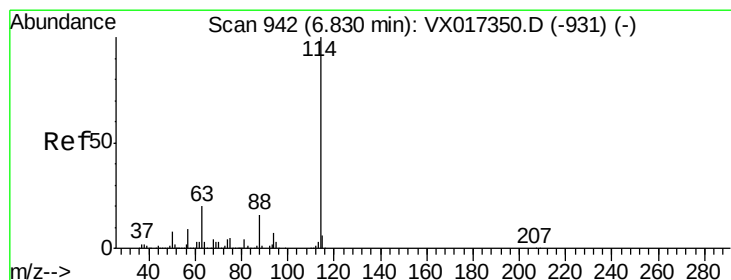
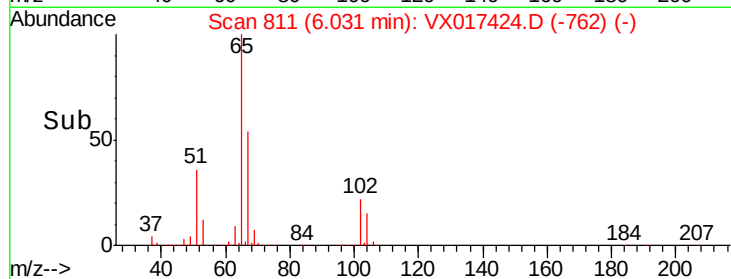
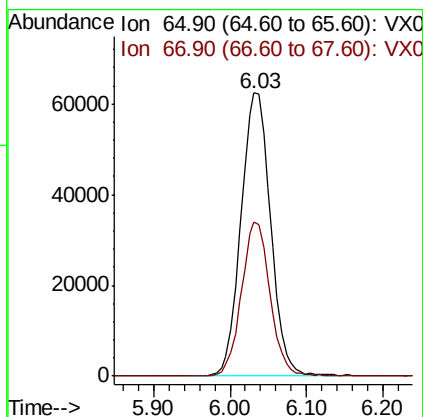
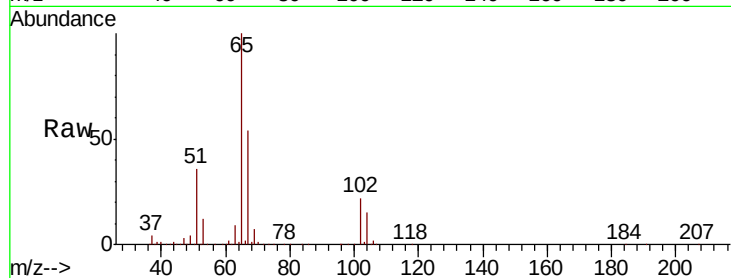




#33
 1,2-Dichloroethane-d4
 Concen: 56.878 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017424.D
 Acq: 17 Jul 2020 16:56

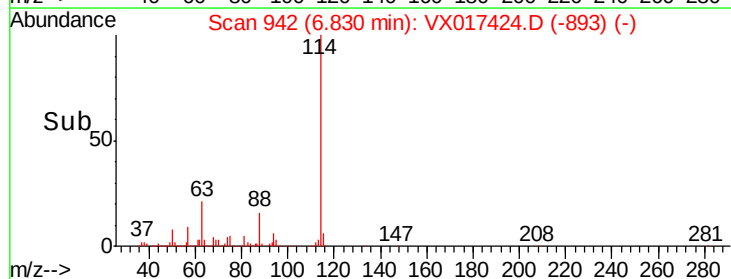
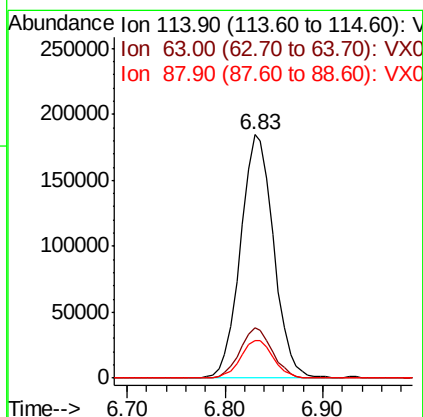
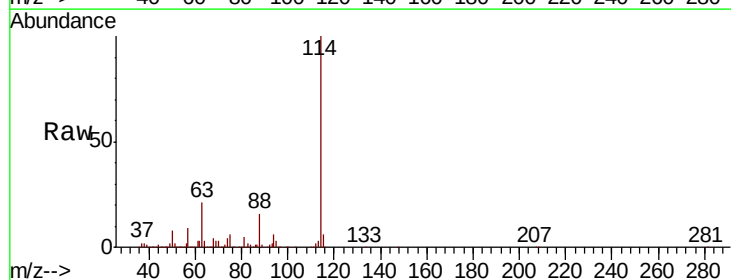
Instrument :
 MSVOA_X
 ClientSampleId :
 219-220DL

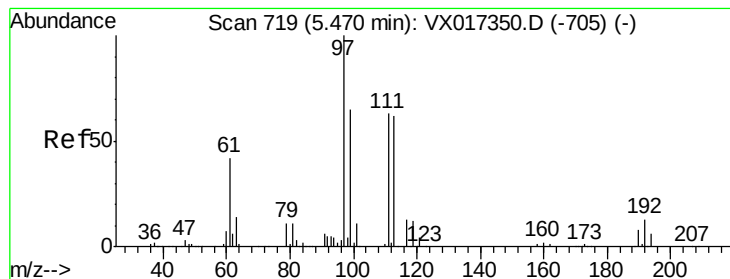
Tot Ion: 65 Resp: 168492
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017424.D
 Acq: 17 Jul 2020 16:56

Tgt Ion: 114 Resp: 433345
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.0
 88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.523 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017424.D

Acq: 17 Jul 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

219-220DL

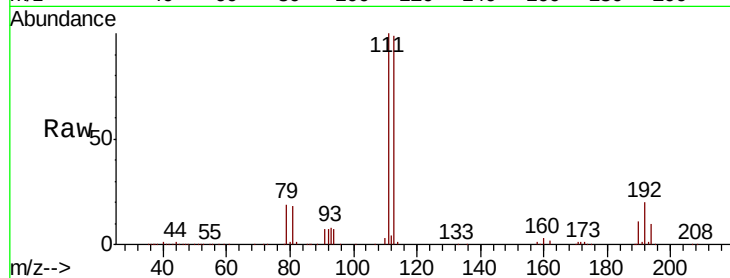
Tot Ion:113 Resp: 144561

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

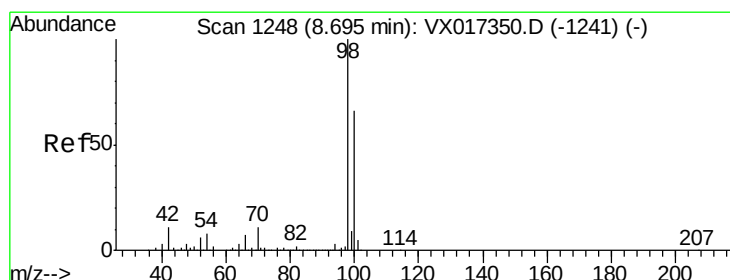
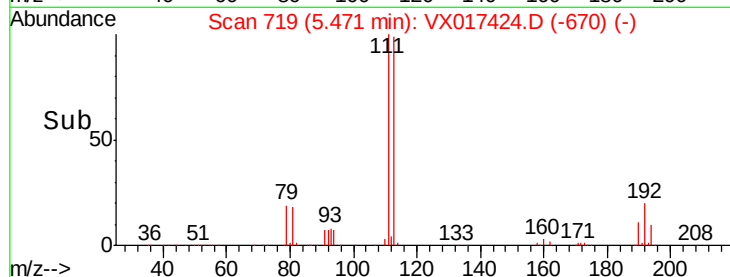
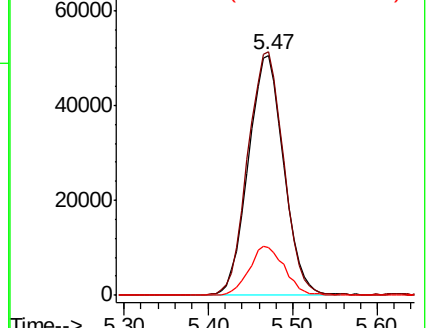
192 20.5 17.2 25.8



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



#50

Toluene-d8

Concen: 50.656 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017424.D

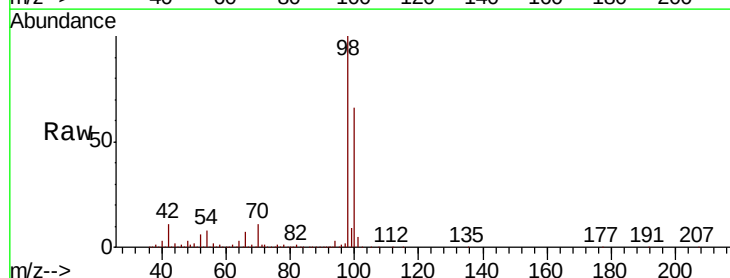
Acq: 17 Jul 2020 16:56

Tgt Ion: 98 Resp: 533382

Ion Ratio Lower Upper

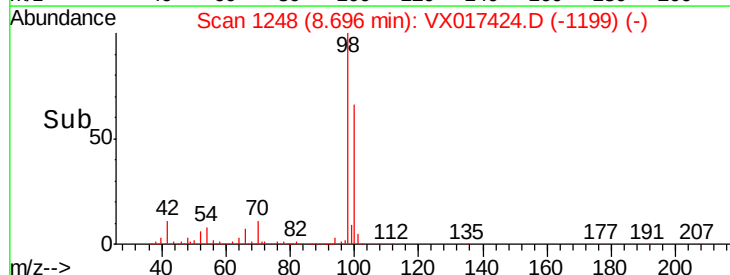
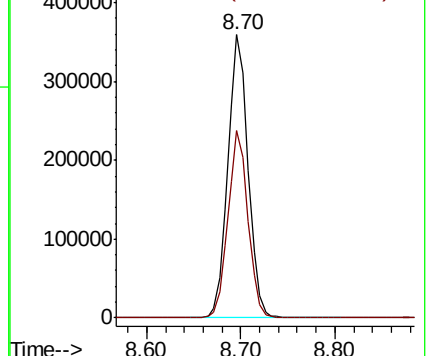
98 100

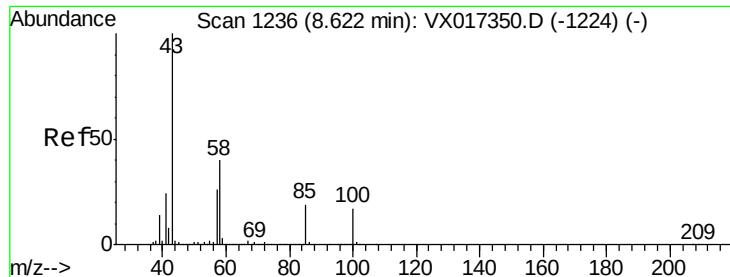
100 65.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

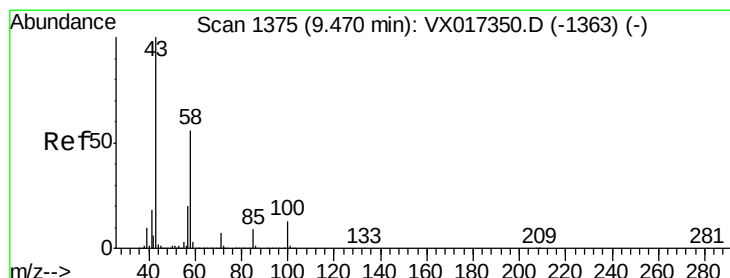
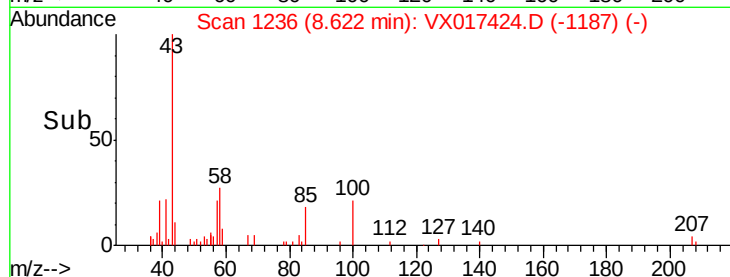
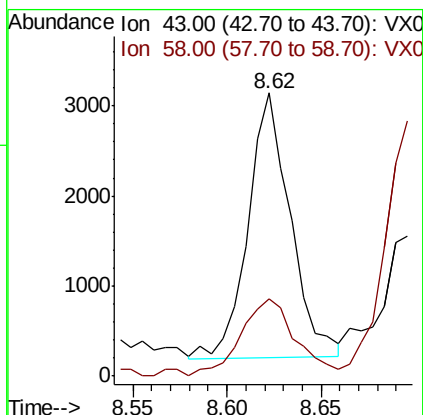
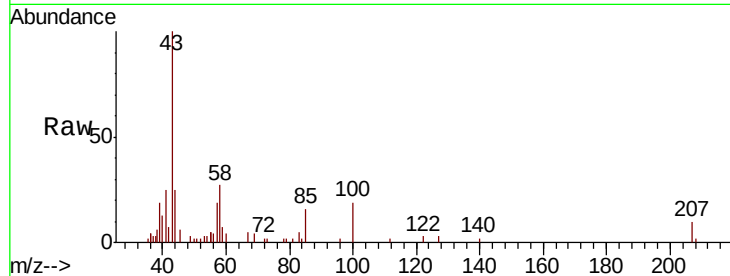




#51
 4-Methyl-2-Pentanone
 Concen: 1.142 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017424.D
 Acq: 17 Jul 2020 16:56

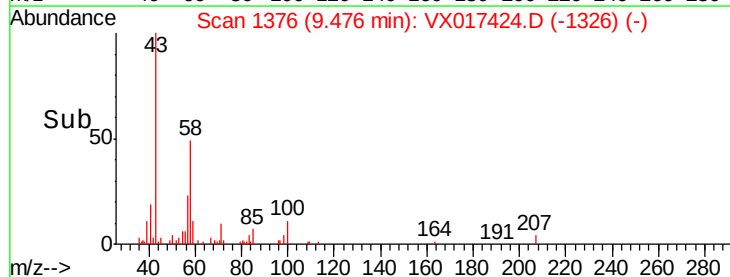
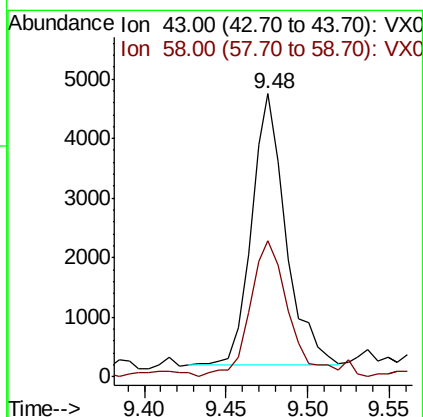
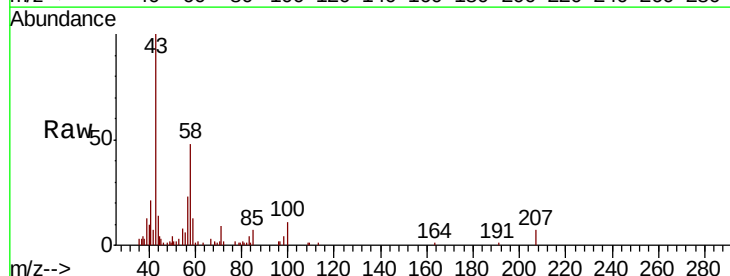
Instrument :
 MSVOA_X
 ClientSampleID :
 219-220DL

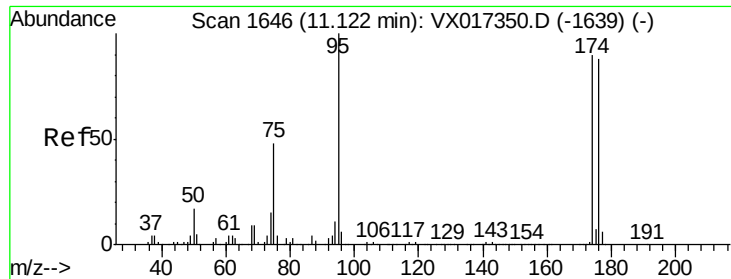
Tot Ion: 43 Resp: 4585
 Ion Ratio Lower Upper
 43 100
 58 37.8 32.2 48.2



#59
 2-Hexanone
 Concen: 2.190 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: VX017424.D
 Acq: 17 Jul 2020 16:56

Tgt Ion: 43 Resp: 6640
 Ion Ratio Lower Upper
 43 100
 58 58.3 28.1 84.3





#62

4-Bromofluorobenzene

Concen: 53.369 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017424.D

Acq: 17 Jul 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

219-220DL

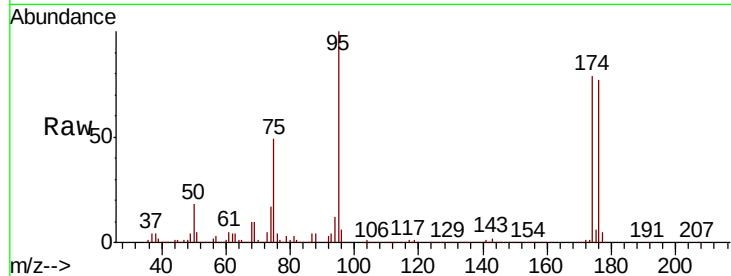
Tot Ion: 95 Resp: 223217

Ion Ratio Lower Upper

95 100

174 80.4 0.0 175.8

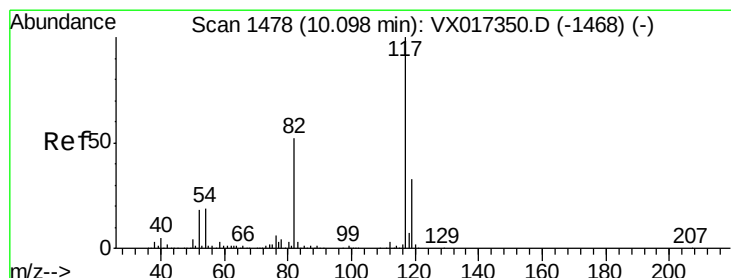
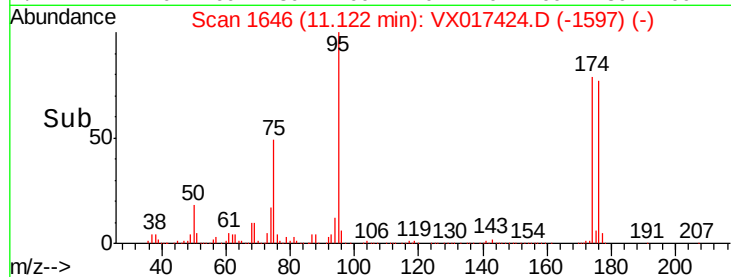
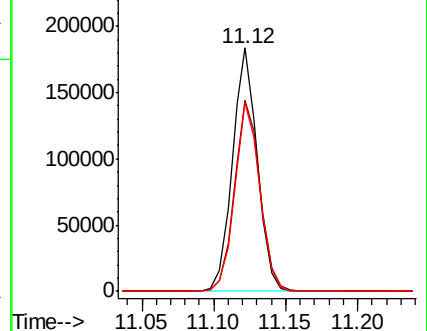
176 77.7 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX017350.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017350.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017350.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017424.D

Acq: 17 Jul 2020 16:56

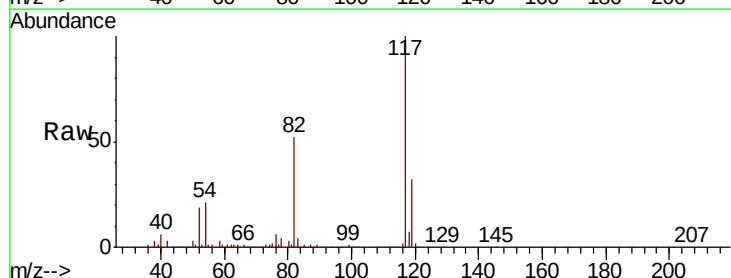
Tgt Ion: 117 Resp: 455081

Ion Ratio Lower Upper

117 100

82 52.2 42.0 63.0

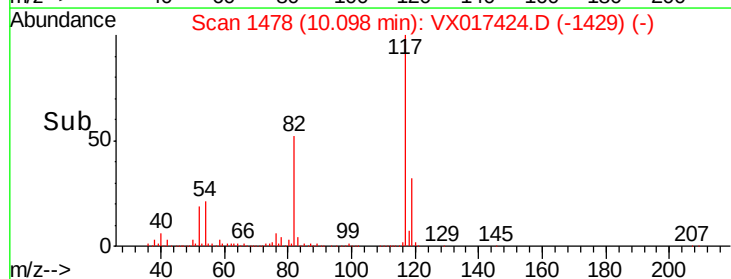
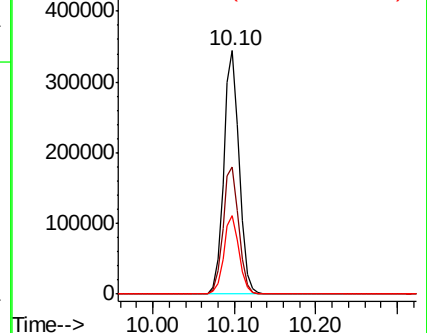
119 32.0 26.3 39.5

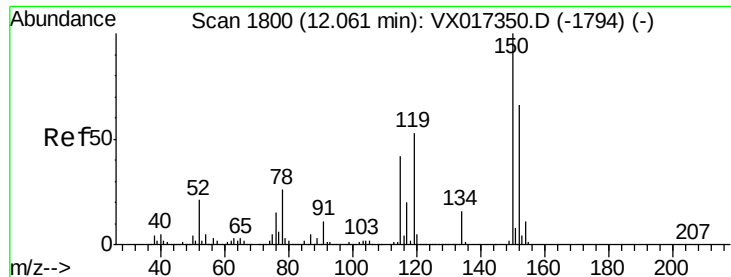


Abundance Ion 116.90 (116.60 to 117.60): VX017350.D (-1468) (-)

Ion 82.00 (81.70 to 82.70): VX017350.D (-1468) (-)

Ion 118.90 (118.60 to 119.60): VX017350.D (-1468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX017424.D

Acq: 17 Jul 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

219-220DL

Tot Ion:152 Resp: 237813

Ion Ratio Lower Upper

152 100

115 58.5 39.9 119.7

150 157.0 0.0 343.4

