

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017342.D
 Acq On : 10 Jul 2020 17:50
 Operator : JC/SP
 Sample : L3259-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-2-DRUM

Quant Time: Jul 11 01:47:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	253696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	428100	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	457865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241924	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	164419	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
35) Dibromofluoromethane	5.46	113	139998	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
50) Toluene-d8	8.70	98	530292	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	11.12	95	223475	57.09	ug/l	0.00
Spiked Amount			Recovery	=	114.18%	

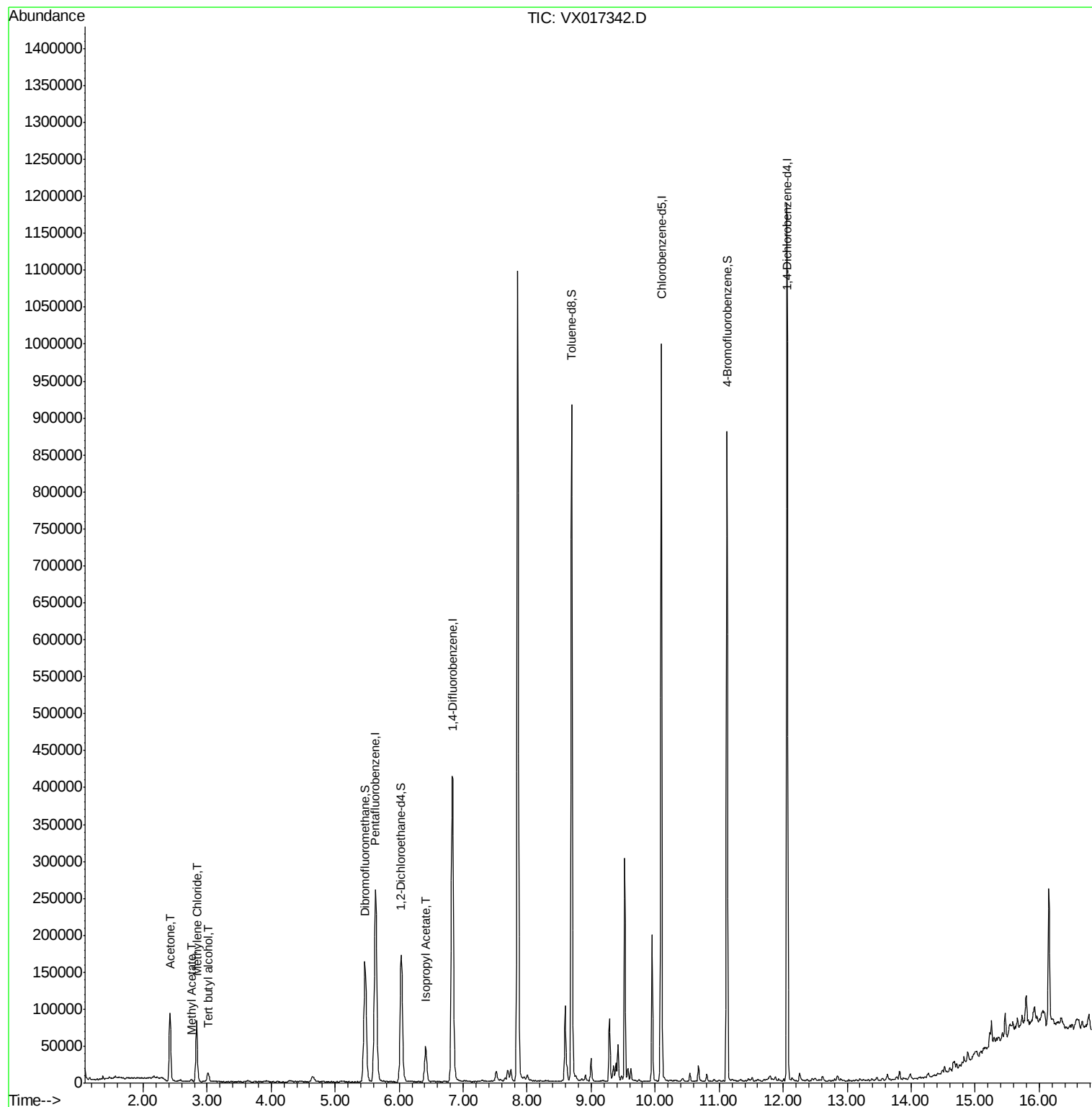
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	15119	25.340	ug/l	98
16) Acetone	2.42	43	100717	86.083	ug/l	95
18) Methyl Acetate	2.75	43	3643	1.193	ug/l	94
20) Methylene Chloride	2.84	84	36586	13.056	ug/l	96
43) Isopropyl Acetate	6.42	43	61730	9.049	ug/l	97

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

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MSVOA_X
ClientSampled :
T-2-DRUM

Quant Time: Jul 11 01:47:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017342.D

Acq: 10 Jul 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

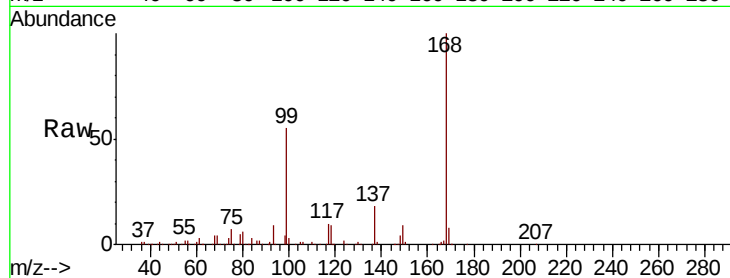
T-2-DRUM

Tot Ion:168 Resp: 253696

Ion Ratio Lower Upper

168 100

99 54.9 42.6 64.0



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

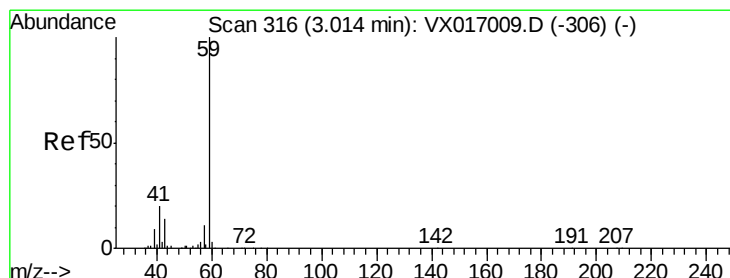
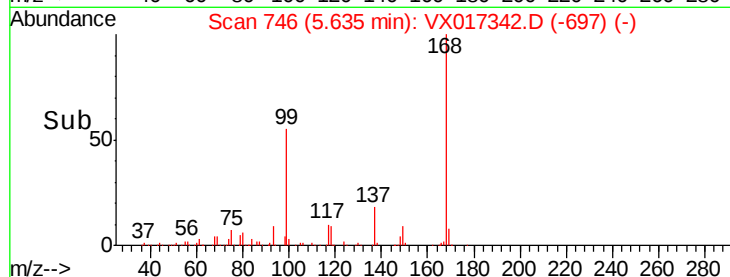
0

Time-->

5.50

5.60

5.70



#11

Tert butyl alcohol

Concen: 25.340 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX017342.D

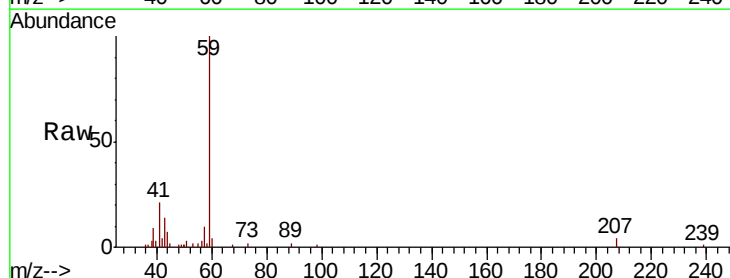
Acq: 10 Jul 2020 17:50

Tgt Ion: 59 Resp: 15119

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

8000

6000

4000

2000

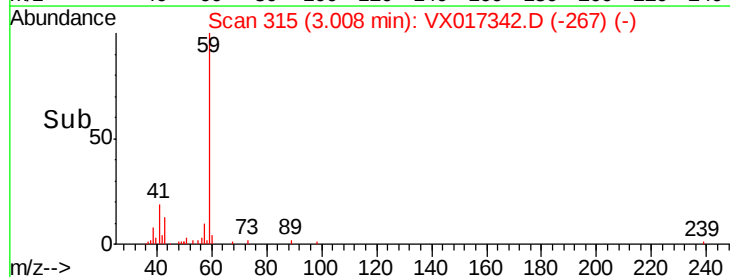
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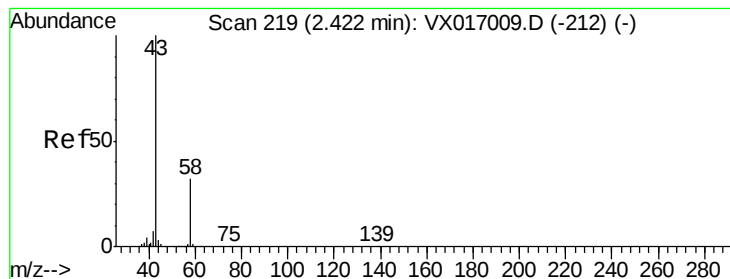
Time-->

2.90

3.00

3.10





#16

Acetone

Concen: 86.083 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017342.D

Acq: 10 Jul 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

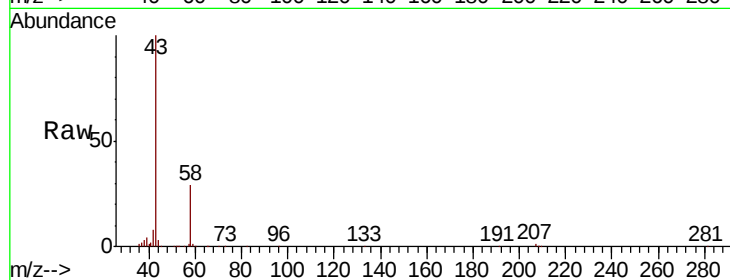
T-2-DRUM

Tot Ion: 43 Resp: 100717

Ion Ratio Lower Upper

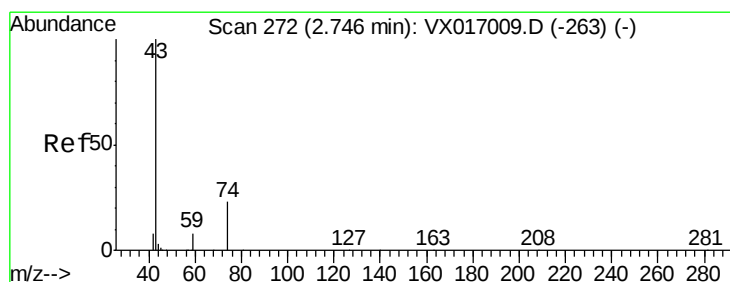
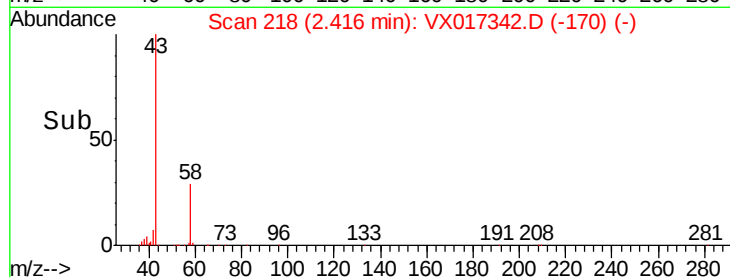
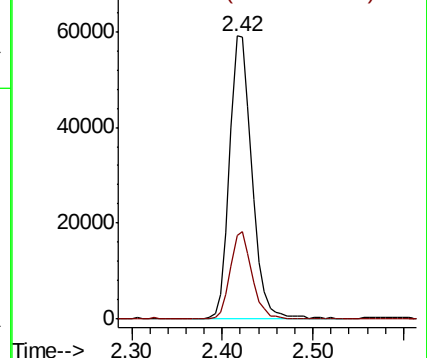
43 100

58 29.5 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 1.193 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017342.D

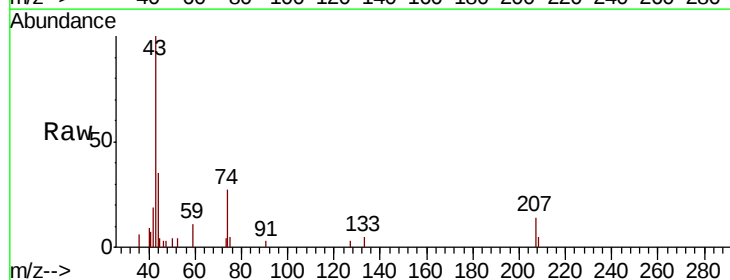
Acq: 10 Jul 2020 17:50

Tgt Ion: 43 Resp: 3643

Ion Ratio Lower Upper

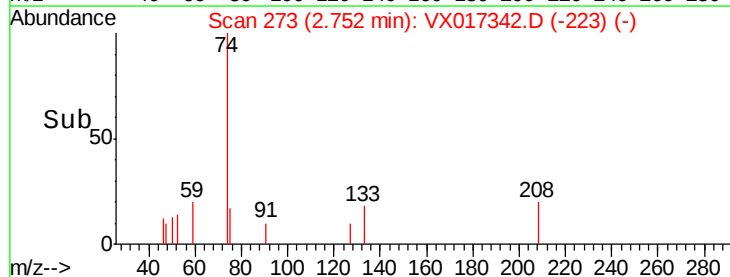
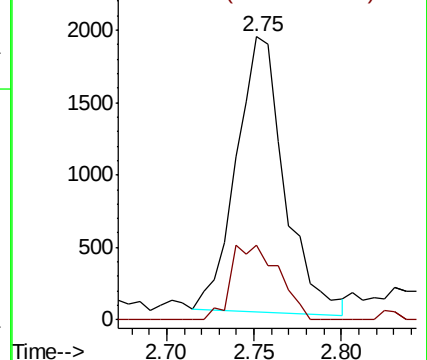
43 100

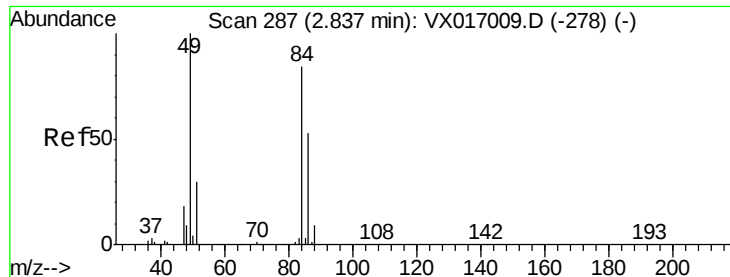
74 27.1 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

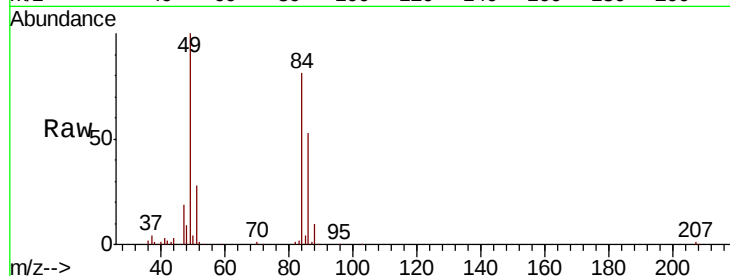




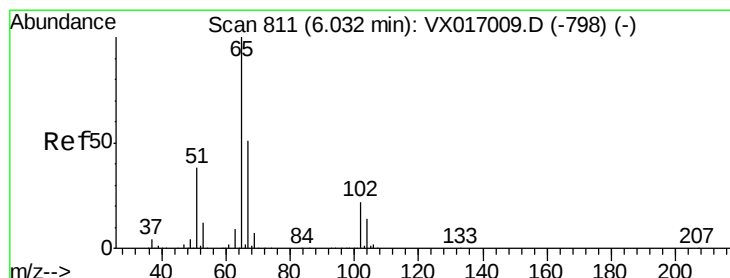
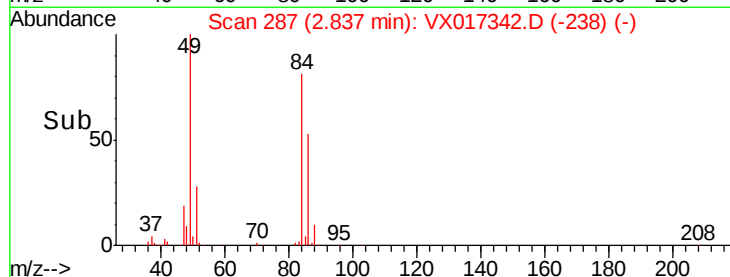
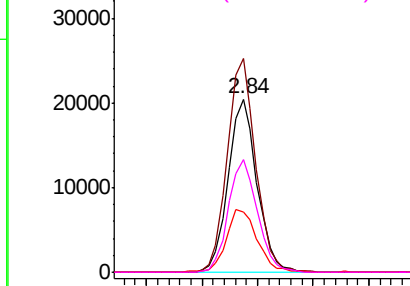
#20
Methylene Chloride
Concen: 13.056 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017342.D
Acq: 10 Jul 2020 17:50

Instrument :
MSVOA_X
ClientSampleId :
T-2-DRUM

Tot Ion: 84 Resp: 36586
Ion Ratio Lower Upper
84 100
49 123.4 94.7 142.1
51 34.6 28.6 42.8
86 65.1 50.5 75.7

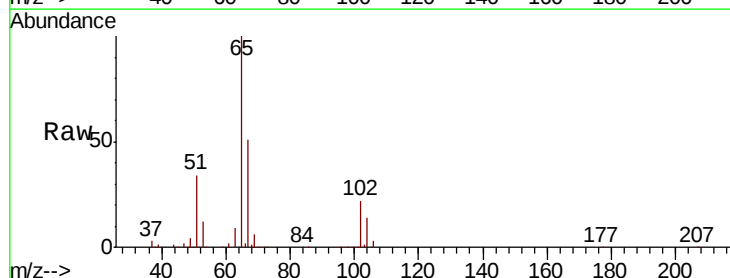


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

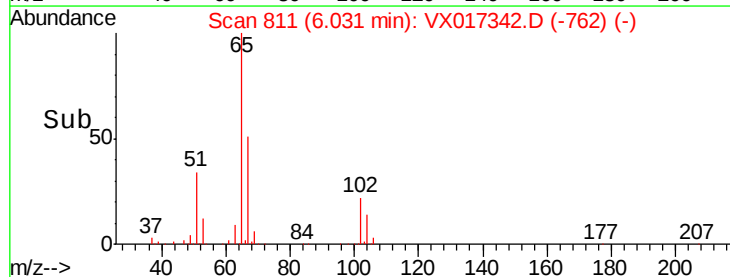
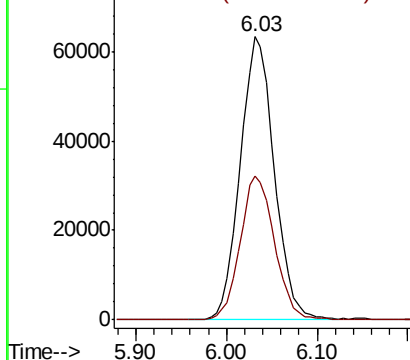


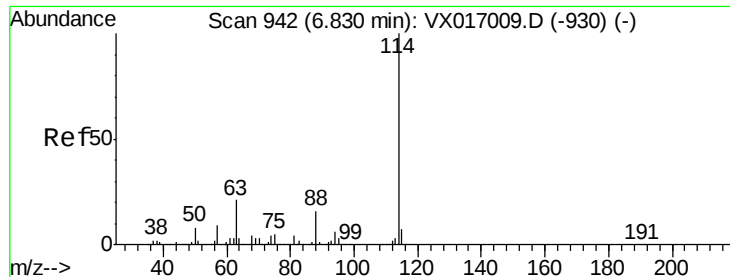
#33
1,2-Dichloroethane-d4
Concen: 52.571 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017342.D
Acq: 10 Jul 2020 17:50

Tgt Ion: 65 Resp: 164419
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8



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: VX017342.D

Acq: 10 Jul 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

T-2-DRUM

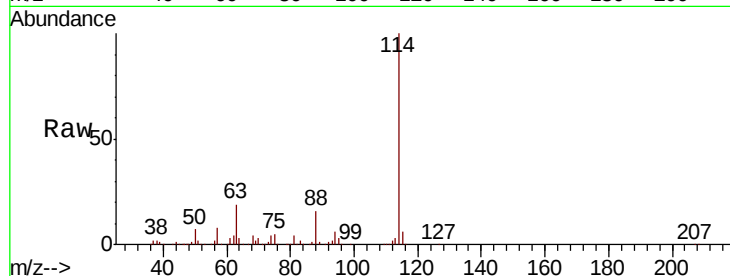
Tot Ion:114 Resp: 428100

Ion Ratio Lower Upper

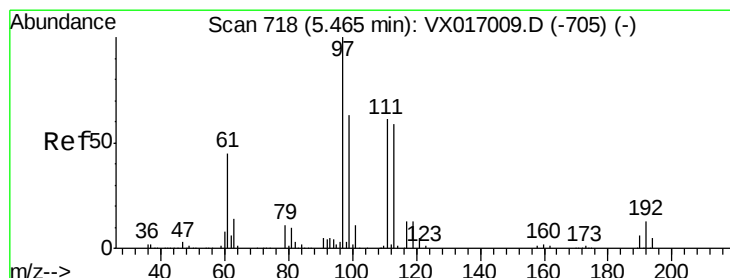
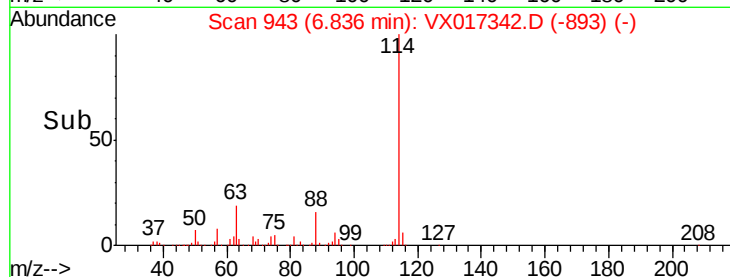
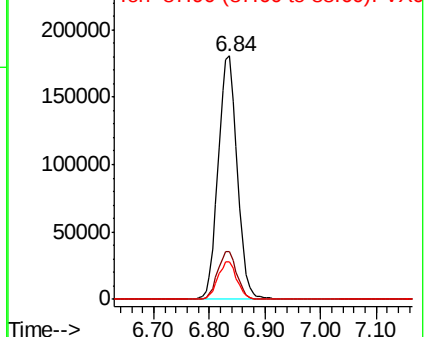
114 100

63 19.4 0.0 41.4

88 15.6 0.0 32.4



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: 51.697 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017342.D

Acq: 10 Jul 2020 17:50

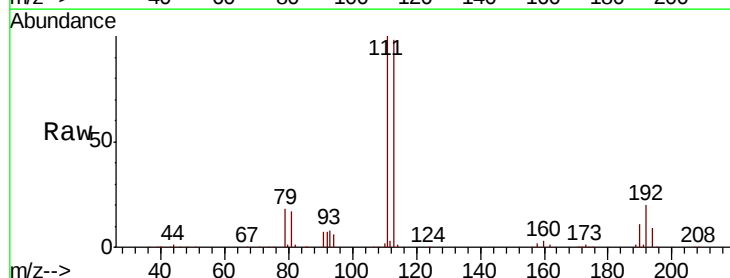
Tgt Ion:113 Resp: 139998

Ion Ratio Lower Upper

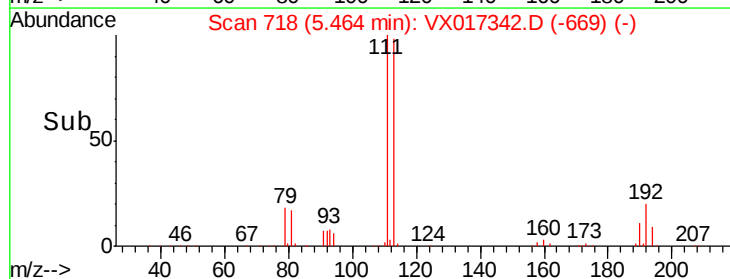
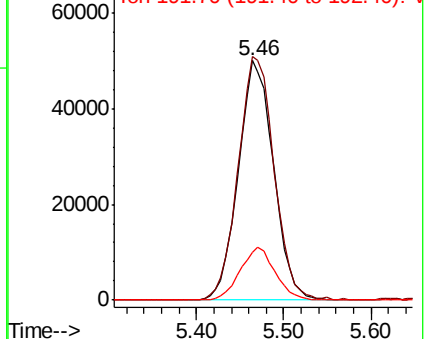
113 100

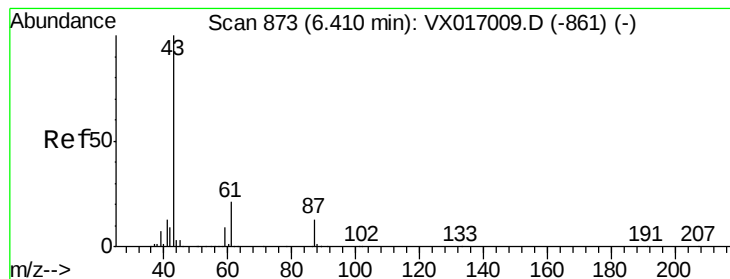
111 103.9 81.9 122.9

192 21.8 16.7 25.1



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





#43

Isopropyl Acetate

Concen: 9.049 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017342.D

Acq: 10 Jul 2020 17:50

Instrument :

MSVOA_X

ClientSampled :

T-2-DRUM

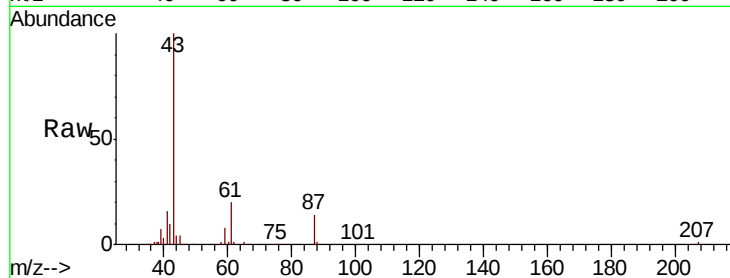
Tot Ion: 43 Resp: 61730

Ion Ratio Lower Upper

43 100

61 21.0 16.2 24.2

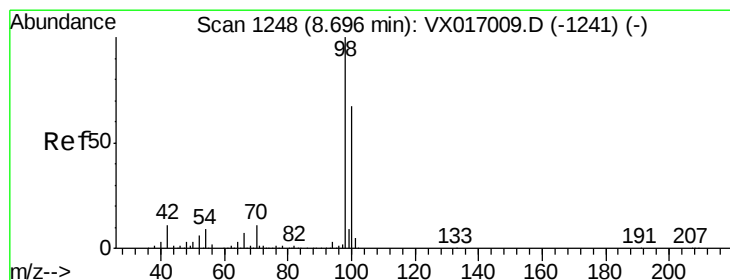
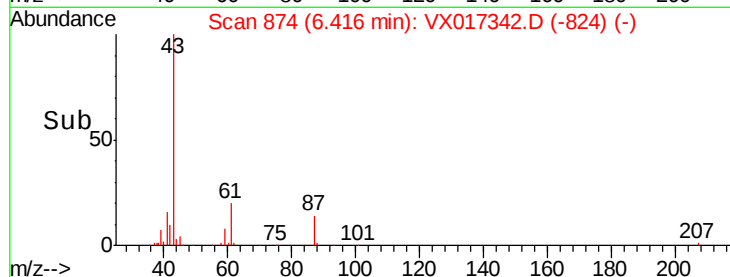
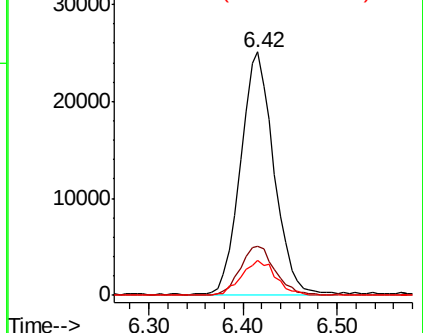
87 15.1 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 52.956 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017342.D

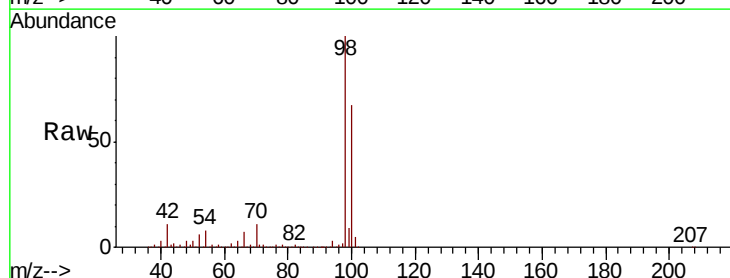
Acq: 10 Jul 2020 17:50

Tgt Ion: 98 Resp: 530292

Ion Ratio Lower Upper

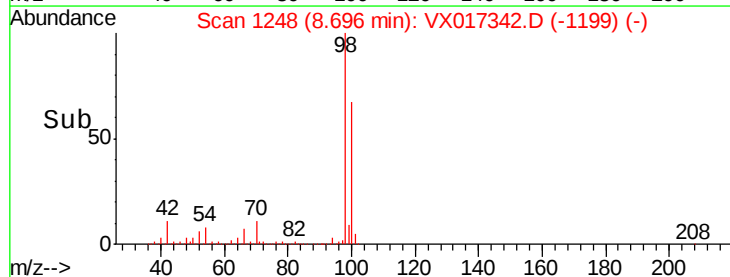
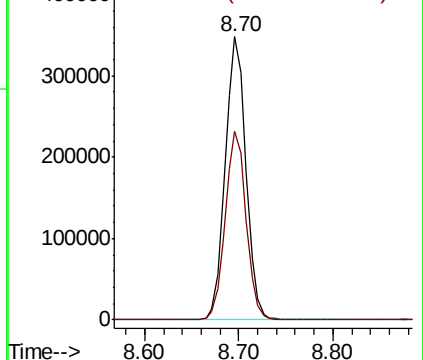
98 100

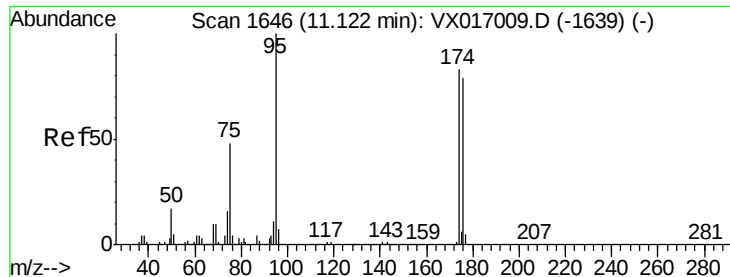
100 66.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 57.089 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017342.D

Acq: 10 Jul 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

T-2-DRUM

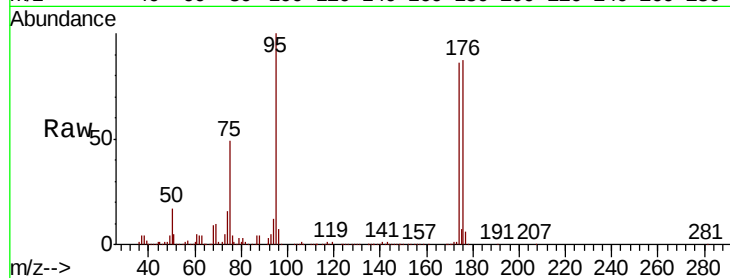
Tot Ion: 95 Resp: 223475

Ion Ratio Lower Upper

95 100

174 84.7 0.0 164.0

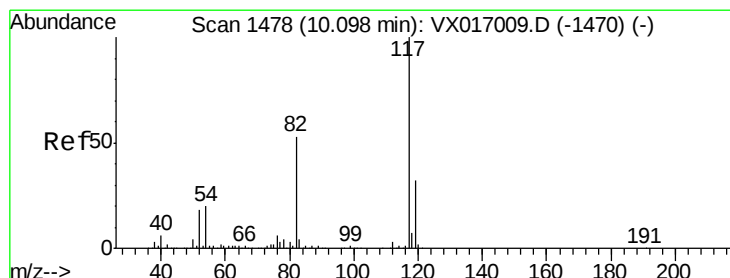
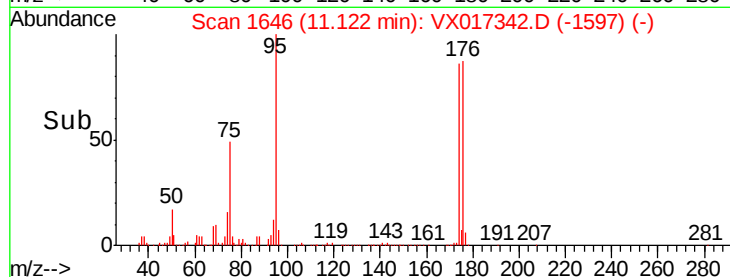
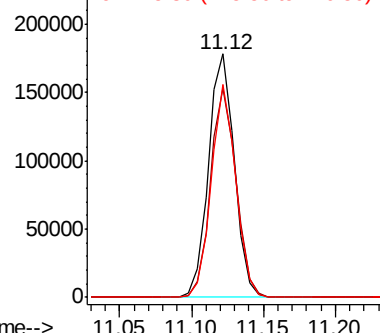
176 82.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX017009.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017009.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017009.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017342.D

Acq: 10 Jul 2020 17:50

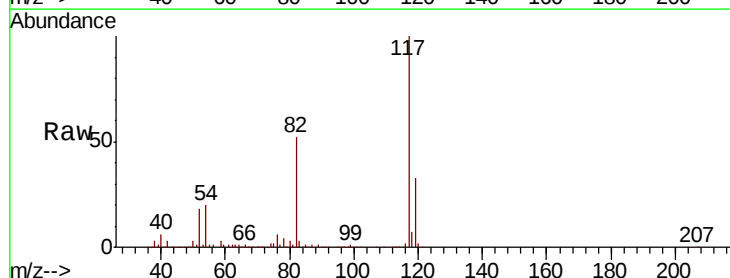
Tgt Ion: 117 Resp: 457865

Ion Ratio Lower Upper

117 100

82 52.5 42.6 63.8

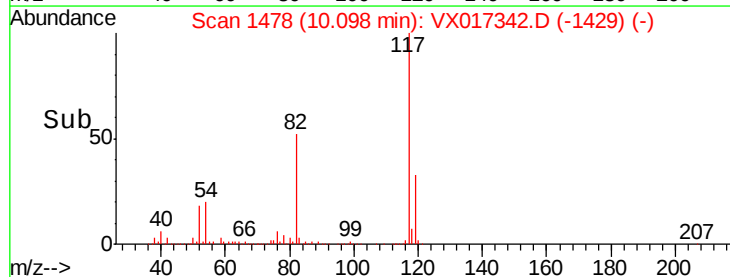
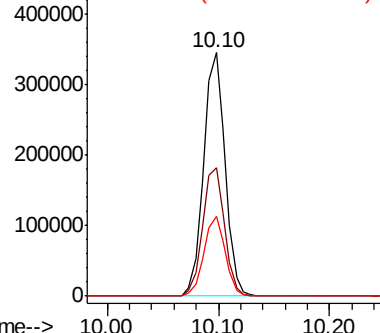
119 33.0 25.4 38.2

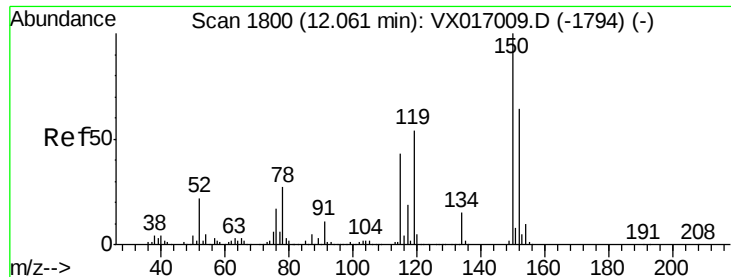


Abundance Ion 116.90 (116.60 to 117.60): VX017009.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX017009.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX017009.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017342.D

Acq: 10 Jul 2020 17:50

Instrument :

MSVOA_X

ClientSampleId :

T-2-DRUM

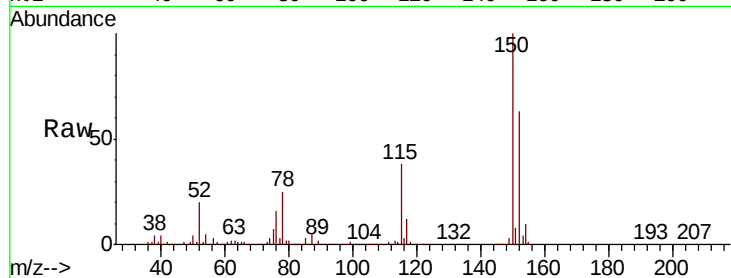
Tot Ion:152 Resp: 241924

Ion Ratio Lower Upper

152 100

115 58.1 40.9 122.7

150 158.7 0.0 351.6



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

