

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091520\
 Data File : VX018422.D
 Acq On : 15 Sep 2020 21:03
 Operator : JC/SP
 Sample : L4005-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 35-37

Quant Time: Sep 16 08:59:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	436856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	700905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	700635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	341756	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	319427	52.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.34%	
35) Dibromofluoromethane	5.46	113	248001	51.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.90%	
50) Toluene-d8	8.70	98	885309	49.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.12	95	325064	46.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.94%	

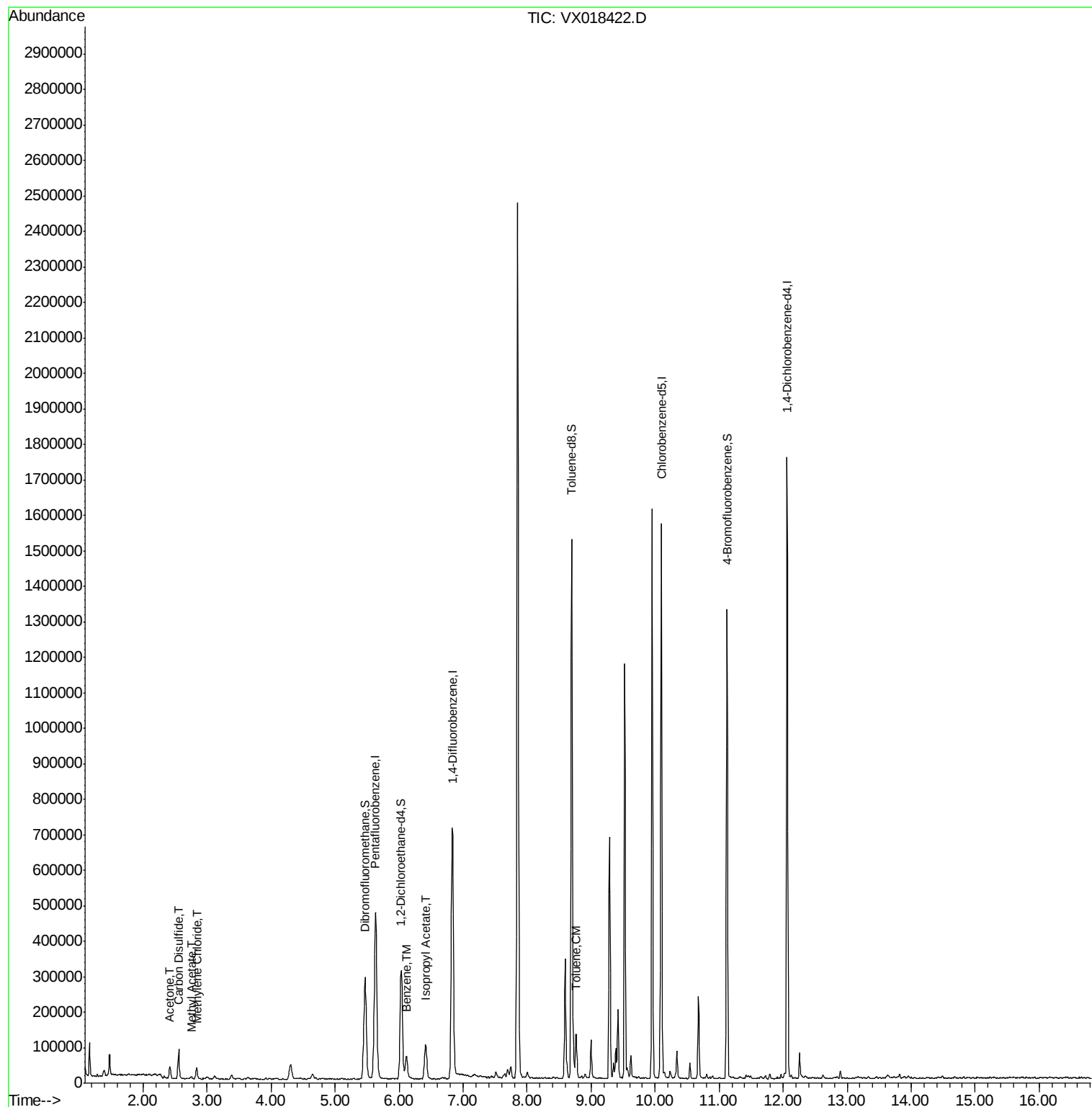
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	33912	14.350	ug/l	96
17) Carbon Disulfide	2.56	76	103316	8.005	ug/l	100
18) Methyl Acetate	2.75	43	10218	1.792	ug/l	100
20) Methylene Chloride	2.84	84	14415	1.859	ug/l	90
40) Benzene	6.11	78	75678	3.984	ug/l	93
43) Isopropyl Acetate	6.41	43	134108	11.058	ug/l	99
52) Toluene	8.76	92	45182	3.751	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091520\
Data File : VX018422.D
Acq On : 15 Sep 2020 21:03
Operator : JC/SP
Sample : L4005-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
35-37

Quant Time: Sep 16 08:59:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 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: VX018422.D

Acq: 15 Sep 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

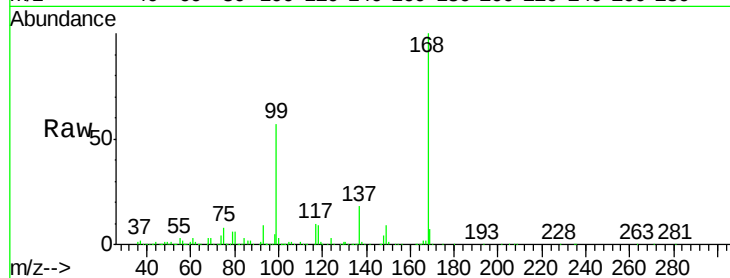
35-37

Tot Ion:168 Resp: 436856

Ion Ratio Lower Upper

168 100

99 56.6 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

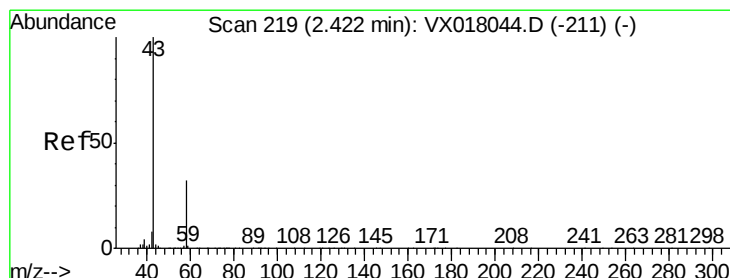
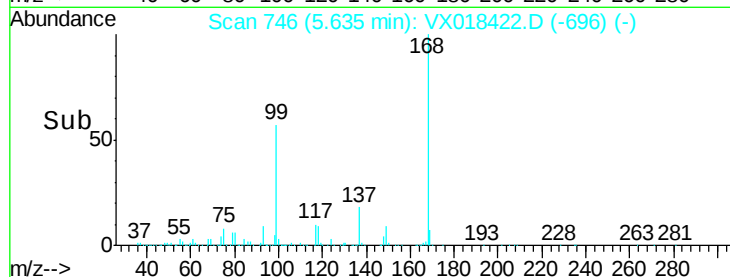
100000

50000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 14.350 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018422.D

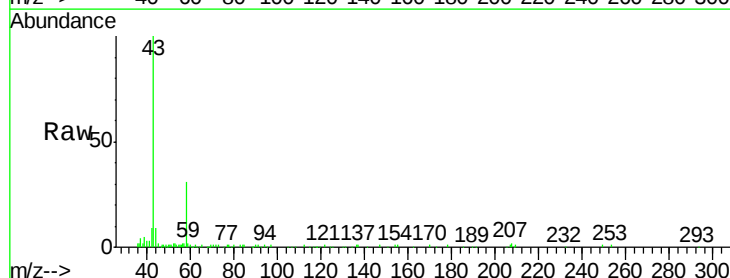
Acq: 15 Sep 2020 21:03

Tgt Ion: 43 Resp: 33912

Ion Ratio Lower Upper

43 100

58 29.9 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

20000

15000

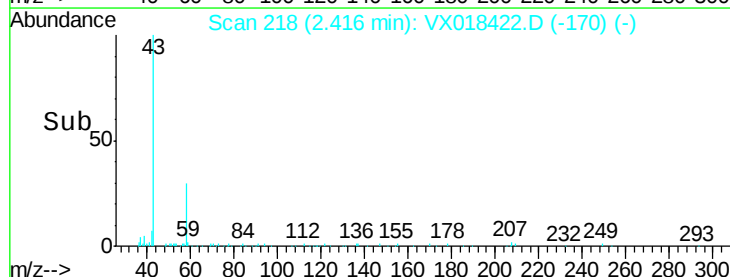
10000

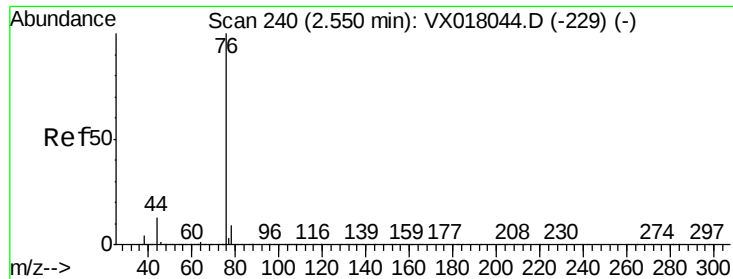
5000

0

Time-->

2.35 2.40 2.45 2.50





#17

Carbon Disulfide

Concen: 8.005 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018422.D

Acq: 15 Sep 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

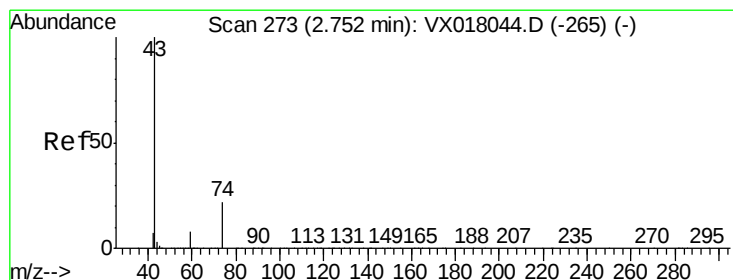
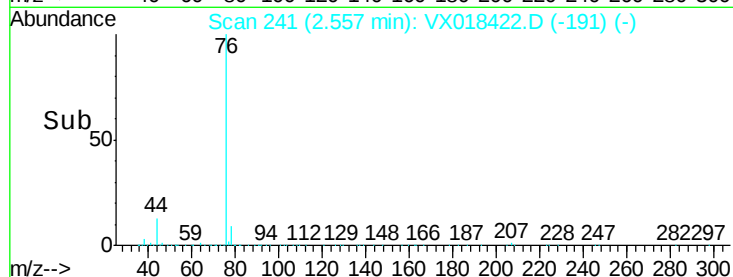
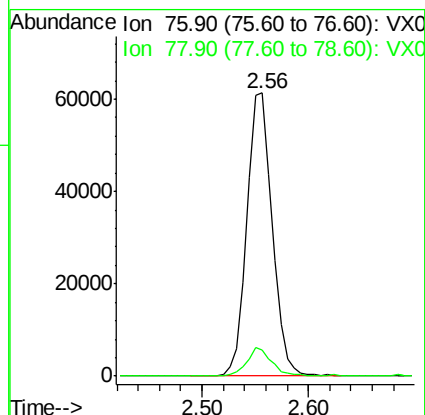
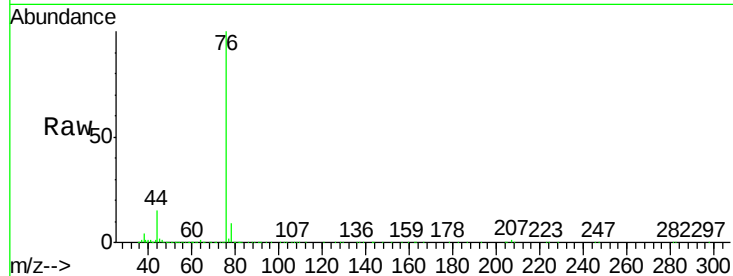
35-37

Tot Ion: 76 Resp: 103316

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 1.792 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018422.D

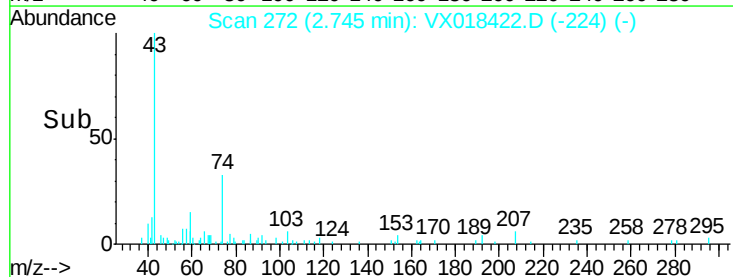
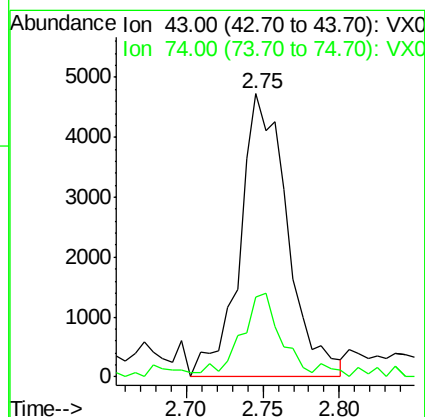
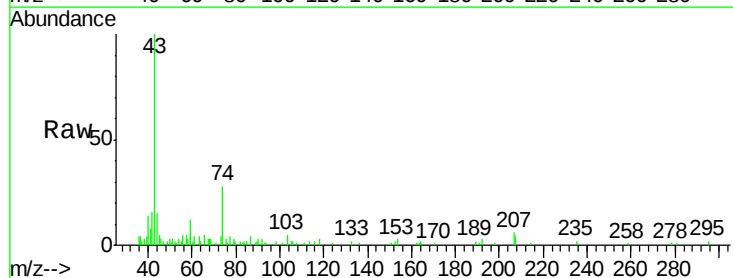
Acq: 15 Sep 2020 21:03

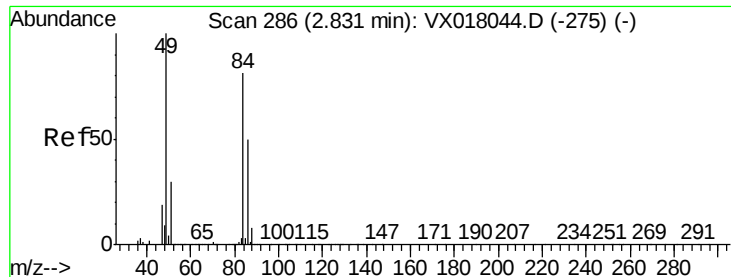
Tgt Ion: 43 Resp: 10218

Ion Ratio Lower Upper

43 100

74 23.0 18.2 27.4

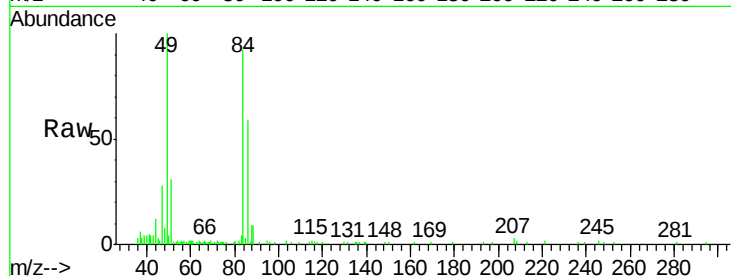




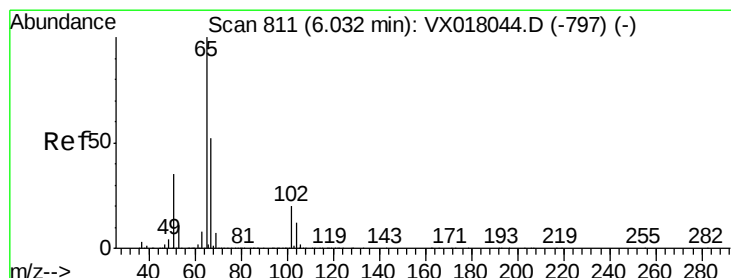
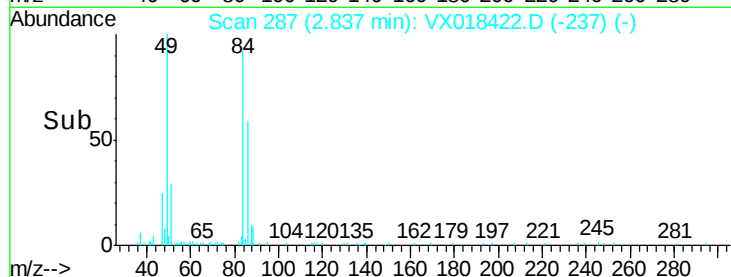
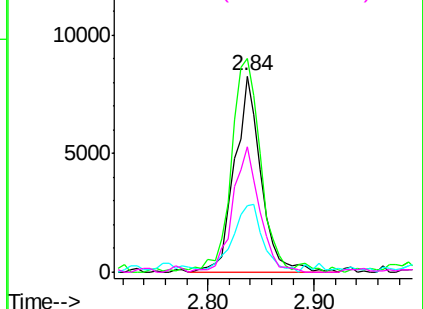
#20
Methvlene Chloride
Concen: 1.859 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018422.D
Acq: 15 Sep 2020 21:03

Instrument :
MSVOA_X
ClientSampled :
35-37

Tot Ion: 84 Resp: 14415
Ion Ratio Lower Upper
84 100
49 107.4 98.6 148.0
51 32.4 29.6 44.4
86 63.9 49.8 74.6

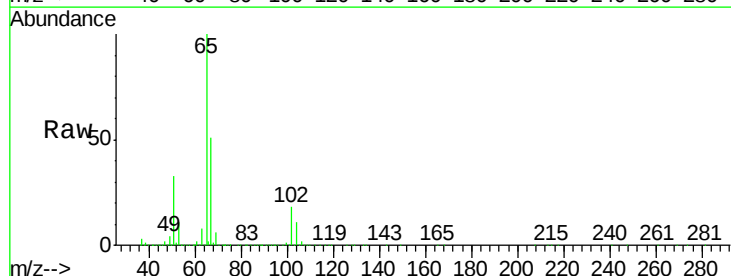


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

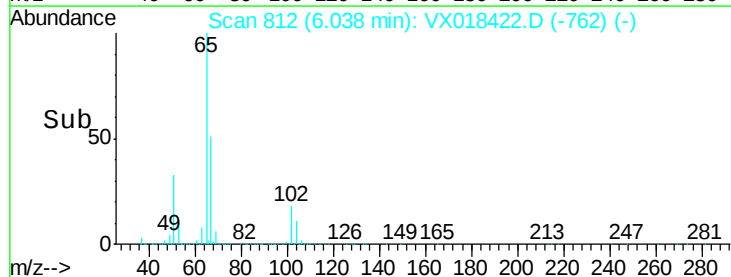
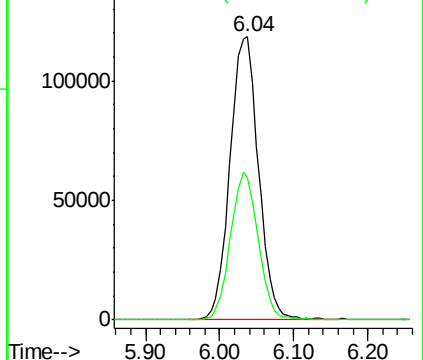


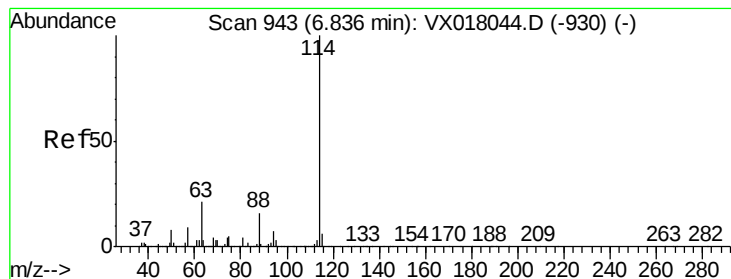
#33
1,2-Dichloroethane-d4
Concen: 52.670 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX018422.D
Acq: 15 Sep 2020 21:03

Tgt Ion: 65 Resp: 319427
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.8



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. -0.01 min

Lab File: VX018422.D

Acq: 15 Sep 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

35-37

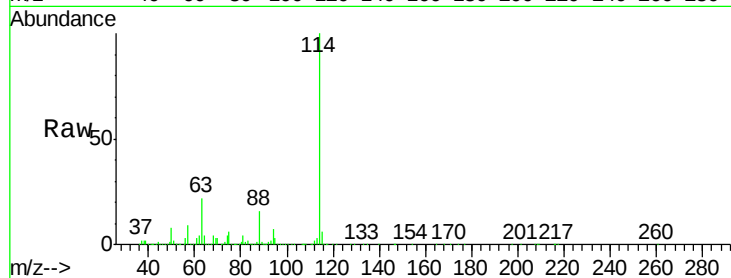
Tot Ion:114 Resp: 700905

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

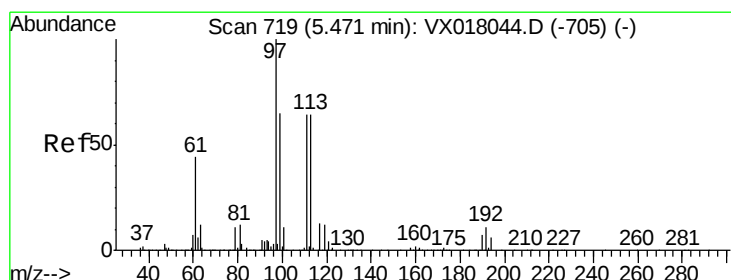
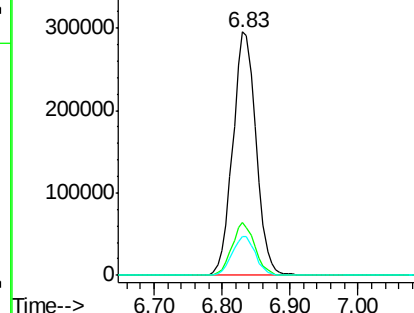
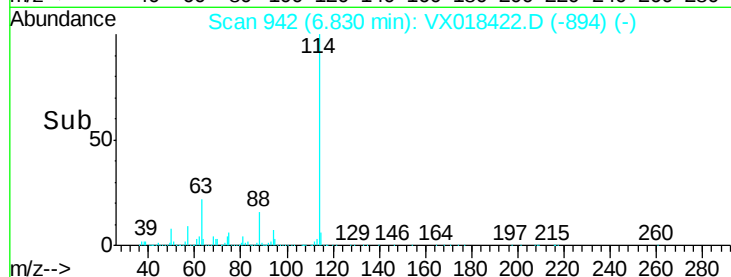
88 15.9 0.0 31.8



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



#35

Dibromofluoromethane

Concen: 51.954 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018422.D

Acq: 15 Sep 2020 21:03

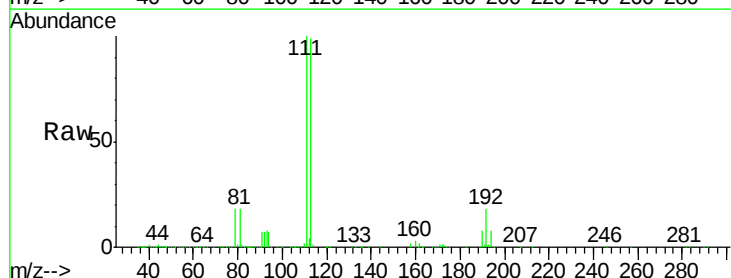
Tgt Ion:113 Resp: 248001

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

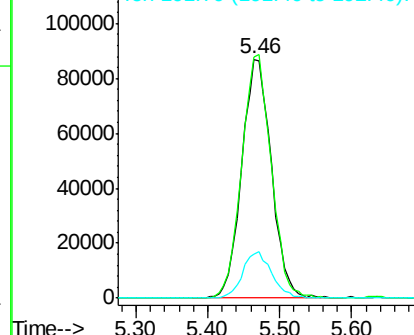
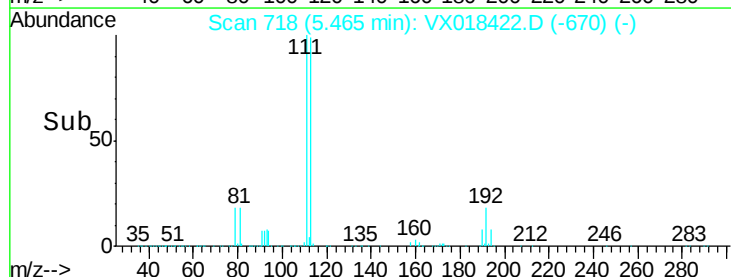
192 19.2 15.8 23.8

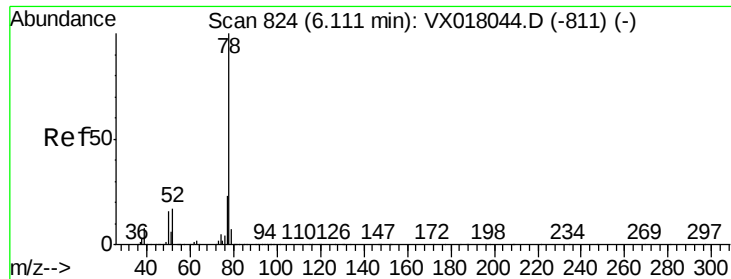


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 3.984 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX018422.D

Acq: 15 Sep 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

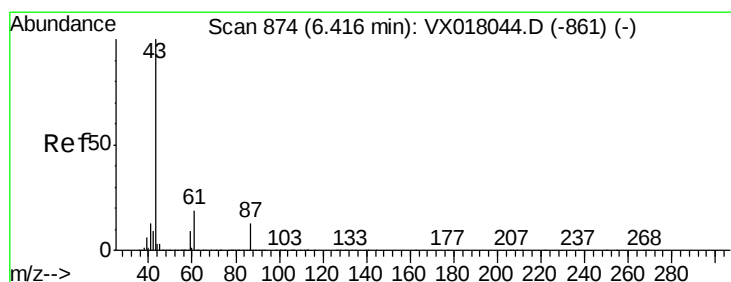
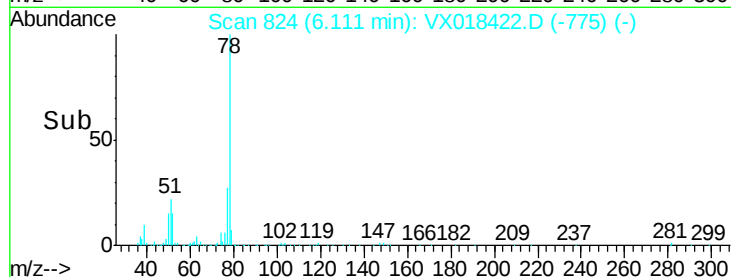
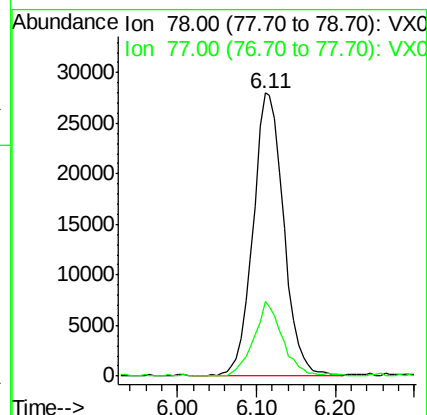
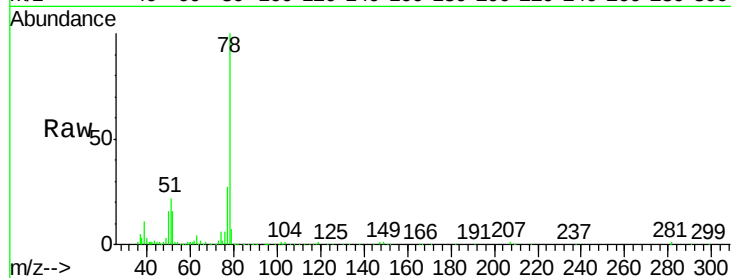
35-37

Tot Ion: 78 Resp: 75678

Ion Ratio Lower Upper

78 100

77 26.3 18.2 27.2



#43

Isopropyl Acetate

Concen: 11.058 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018422.D

Acq: 15 Sep 2020 21:03

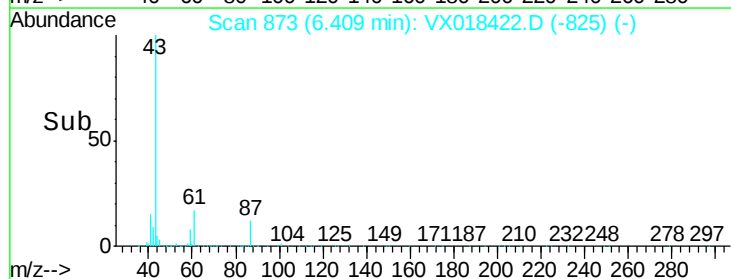
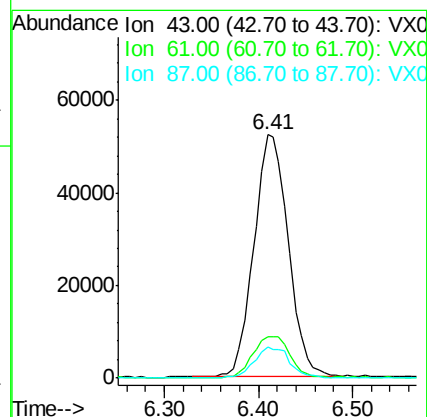
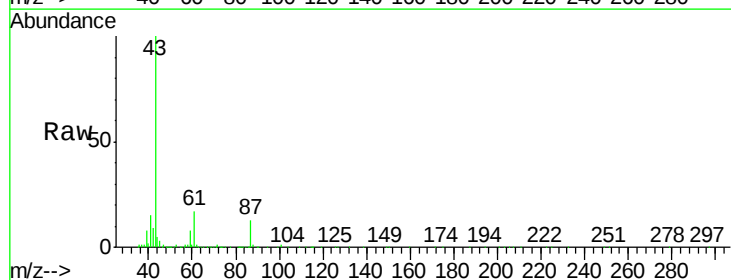
Tgt Ion: 43 Resp: 134108

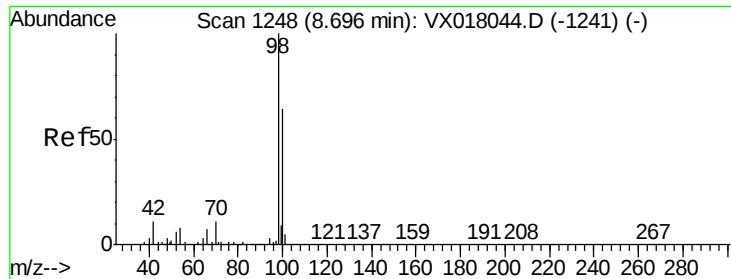
Ion Ratio Lower Upper

43 100

61 19.2 15.7 23.5

87 13.5 10.3 15.5

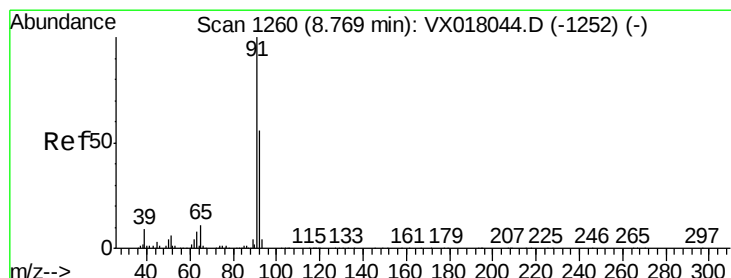
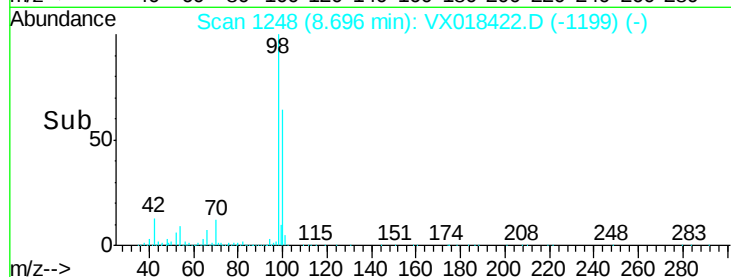
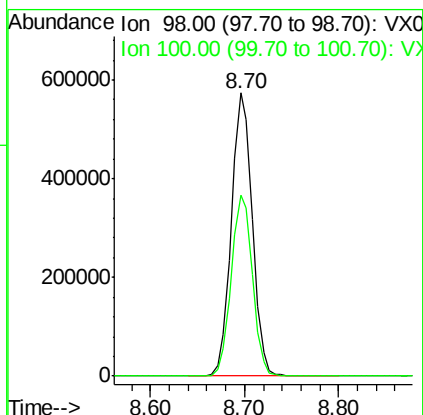
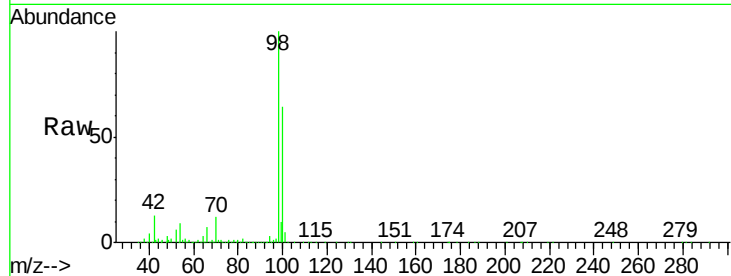




#50
Toluene-d8
Concen: 49.795 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018422.D
Acq: 15 Sep 2020 21:03

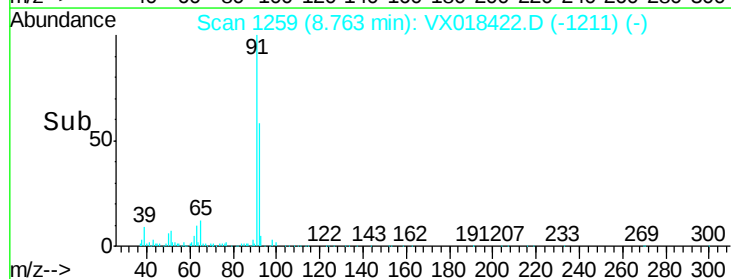
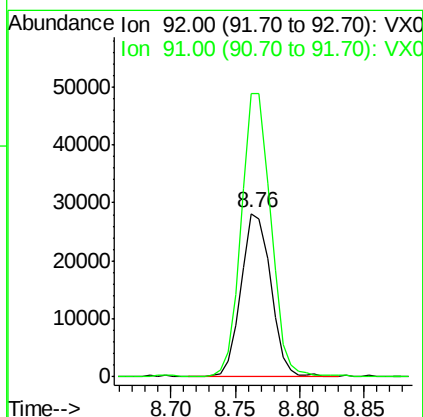
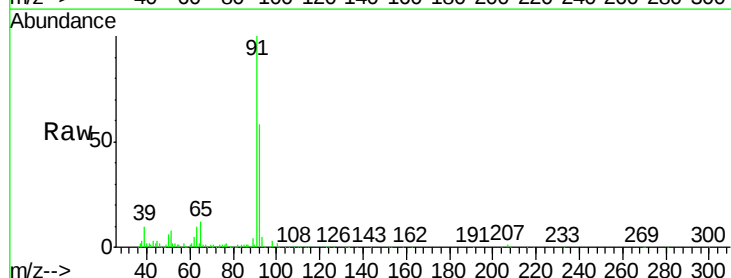
Instrument :
MSVOA_X
ClientSampleId :
35-37

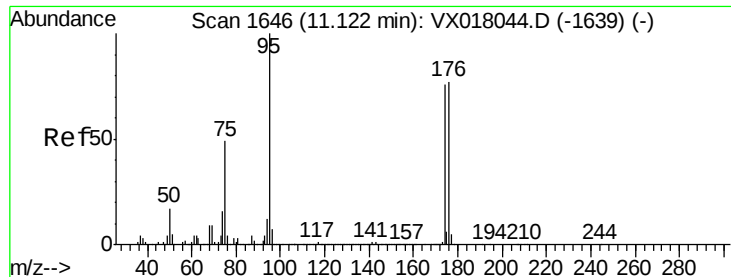
Tot Ion: 98 Resp: 885309
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#52
Toluene
Concen: 3.751 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018422.D
Acq: 15 Sep 2020 21:03

Tgt Ion: 92 Resp: 45182
Ion Ratio Lower Upper
92 100
91 170.2 140.3 210.5





#62

4-Bromofluorobenzene

Concen: 46.471 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018422.D

Acq: 15 Sep 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

35-37

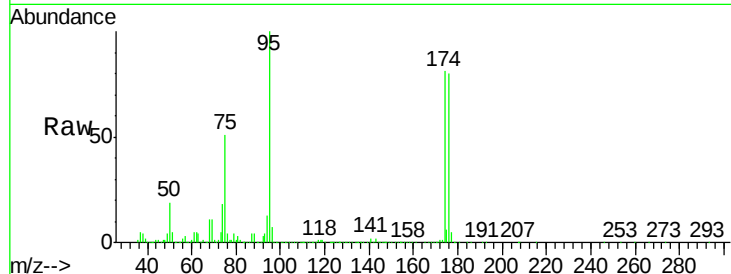
Tot Ion: 95 Resp: 325064

Ion Ratio Lower Upper

95 100

174 82.1 0.0 160.2

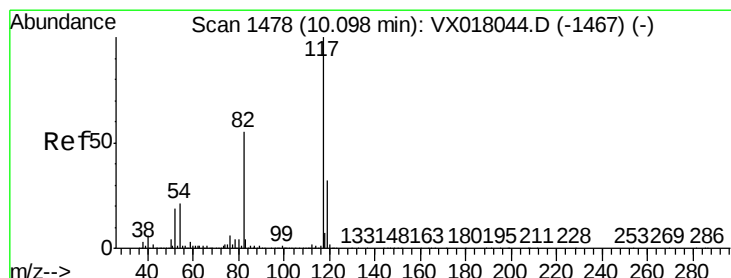
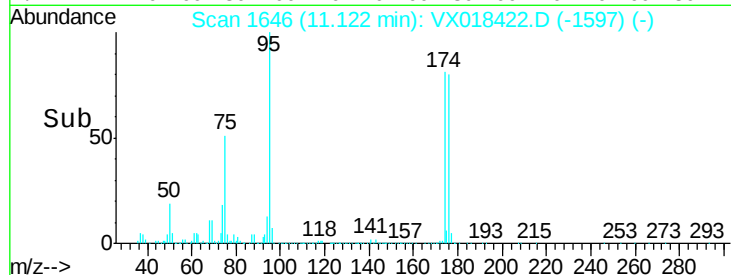
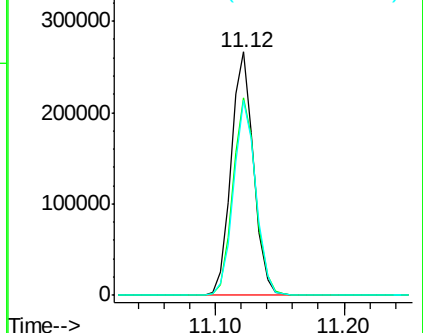
176 80.0 0.0 155.8



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: VX018422.D

Acq: 15 Sep 2020 21:03

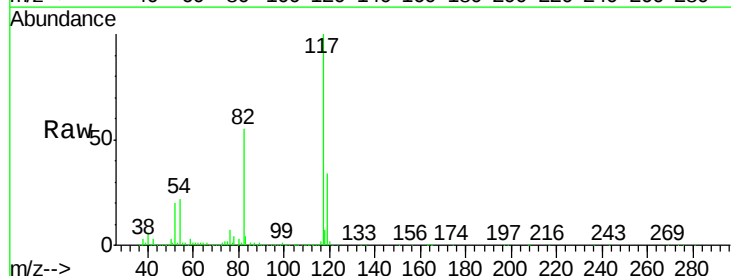
Tgt Ion: 117 Resp: 700635

Ion Ratio Lower Upper

117 100

82 55.5 44.2 66.2

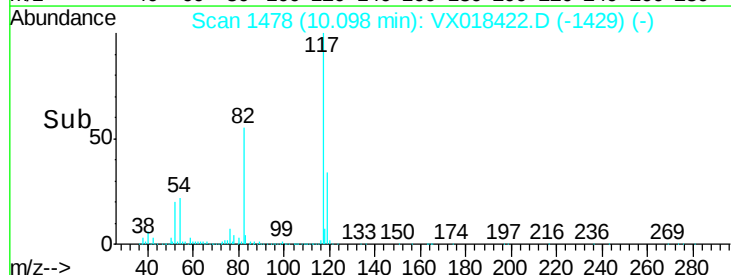
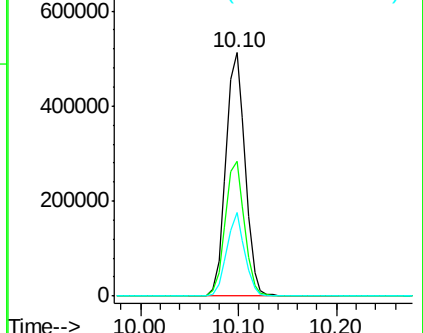
119 34.4 25.7 38.5

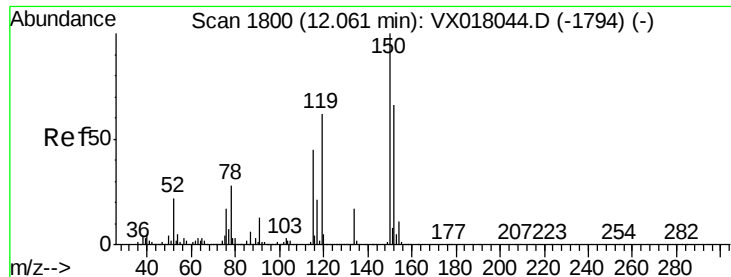


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018422.D

Acq: 15 Sep 2020 21:03

Instrument :

MSVOA_X

ClientSampleId :

35-37

Tot Ion:152 Resp: 341756

Ion Ratio Lower Upper

152 100

115 60.9 41.5 124.5

150 161.9 0.0 343.8

