

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016830.D
 Acq On : 17 Jun 2020 20:21
 Operator : JC/SP
 Sample : L2984-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-ER-2020-1

Quant Time: Jun 18 02:01:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

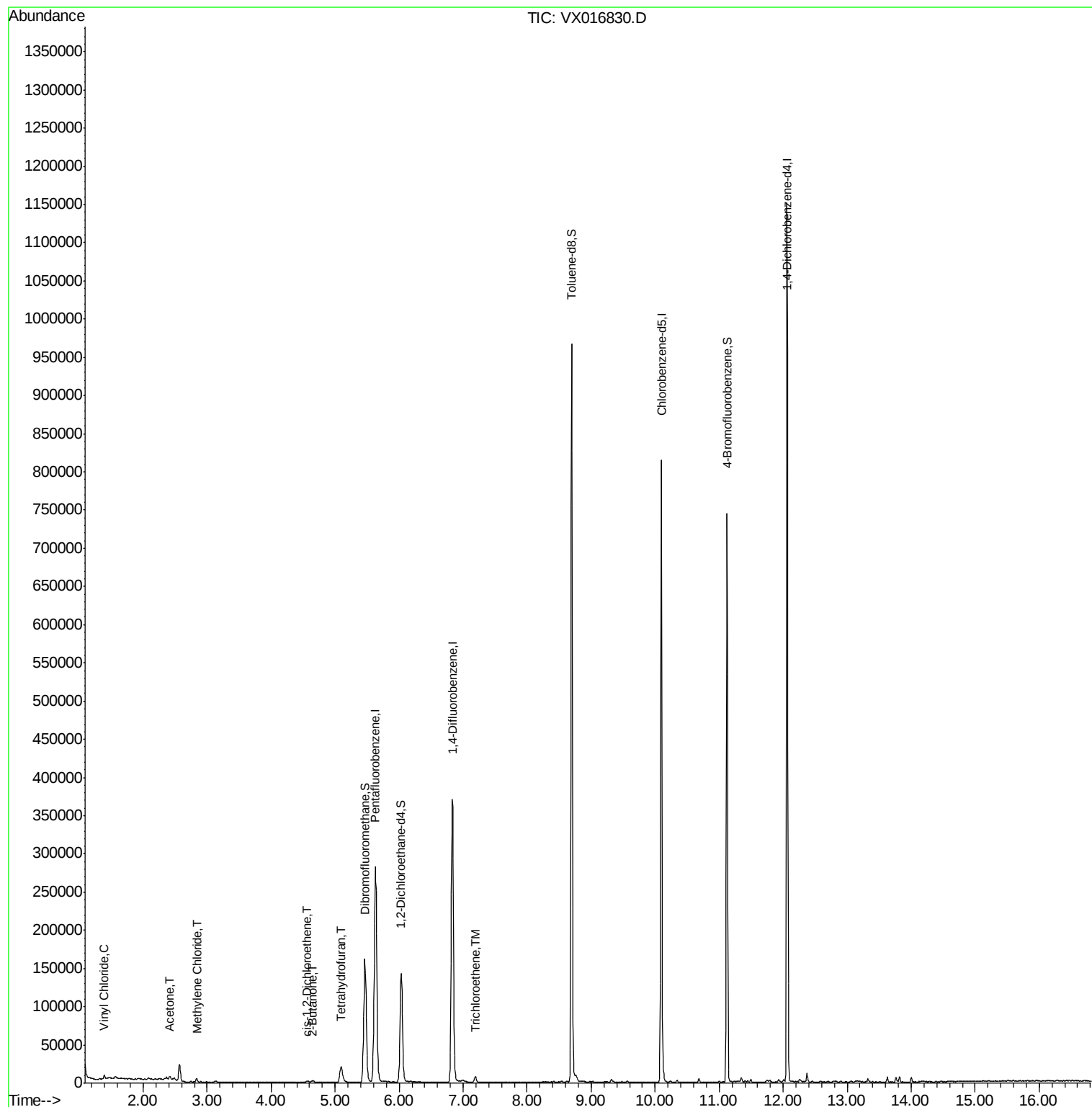
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	288171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	392255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	139628	43.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.18%	
35) Dibromofluoromethane	5.46	113	141111	58.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.62%	
50) Toluene-d8	8.70	98	576181	64.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.14%	
62) 4-Bromofluorobenzene	11.12	95	193900	56.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.62%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	2785	0.830	ug/l	89
16) Acetone	2.42	43	3741	2.544	ug/l	99
20) Methylene Chloride	2.84	84	2315	0.731	ug/l #	82
25) 2-Butanone	4.64	43	2484	1.121	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	1792	0.518	ug/l	70
29) Tetrahydrofuran	5.09	42	19244	13.406	ug/l	98
44) Trichloroethene	7.20	130	2874	0.880	ug/l	94

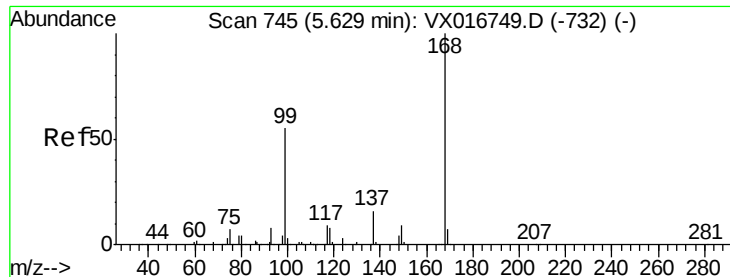
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
S49-ER-2020-1

Quant Time: Jun 18 02:01:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016830.D

Acq: 17 Jun 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

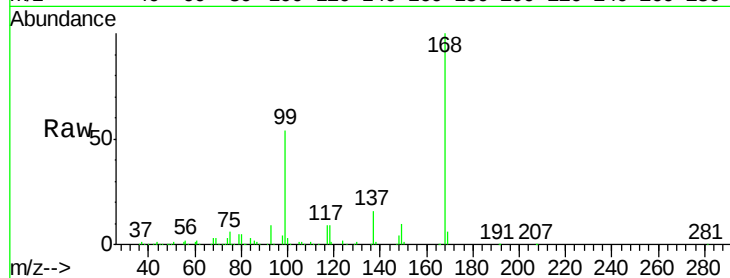
S49-ER-2020-1

Tot Ion:168 Resp: 288171

Ion Ratio Lower Upper

168 100

99 53.9 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

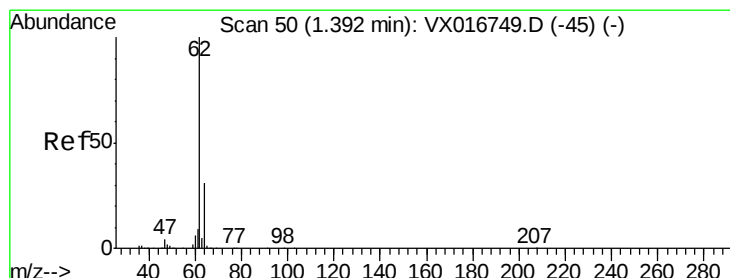
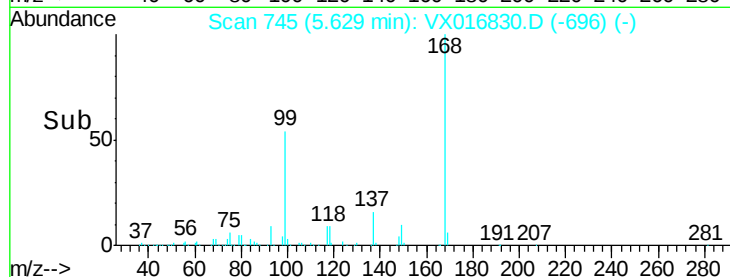
5.50

5.60

5.70

5.80

Time-->



#4

Vinyl Chloride

Concen: 0.830 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016830.D

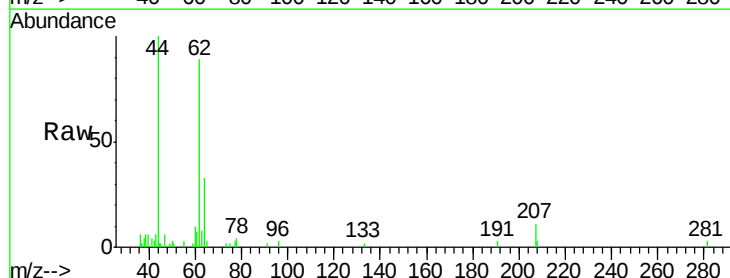
Acq: 17 Jun 2020 20:21

Tgt Ion: 62 Resp: 2785

Ion Ratio Lower Upper

62 100

64 37.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

3000

2500

2000

1500

1000

500

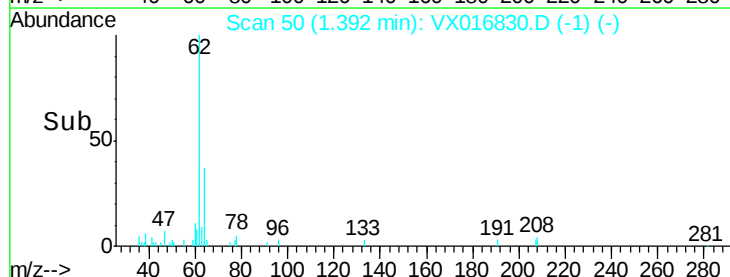
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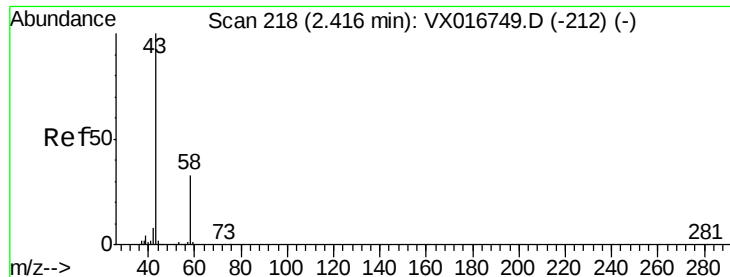
1.35

1.40

1.45

Time-->





#16

Acetone

Concen: 2.544 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016830.D

Acq: 17 Jun 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

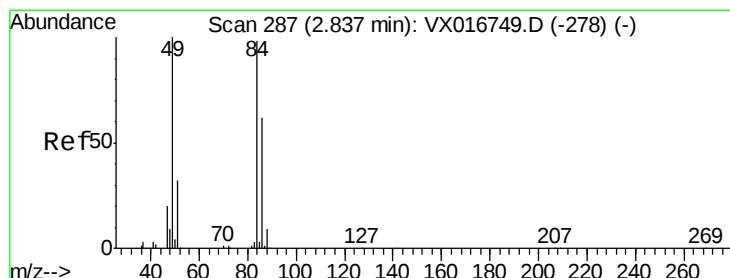
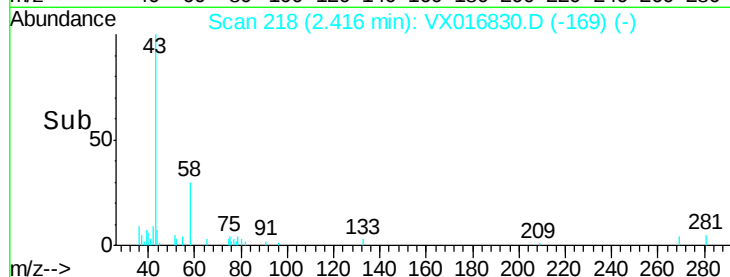
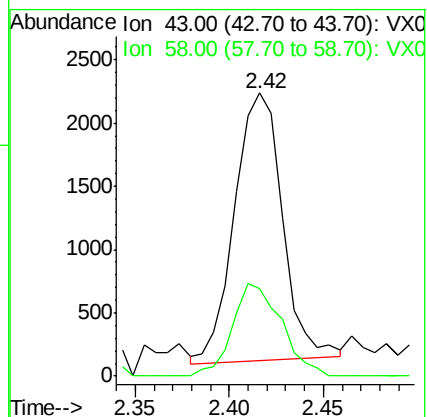
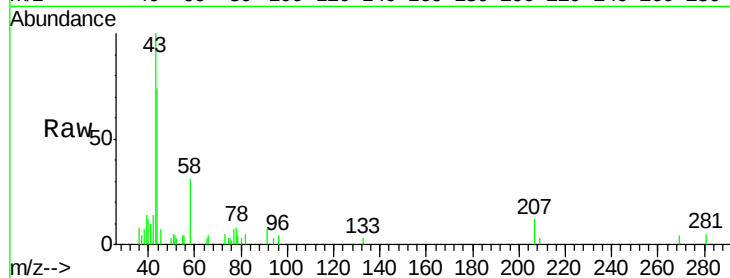
S49-ER-2020-1

Tot Ion: 43 Resp: 3741

Ion Ratio Lower Upper

43 100

58 33.3 26.3 39.5



#20

Methylene Chloride

Concen: 0.731 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016830.D

Acq: 17 Jun 2020 20:21

Tgt Ion: 84 Resp: 2315

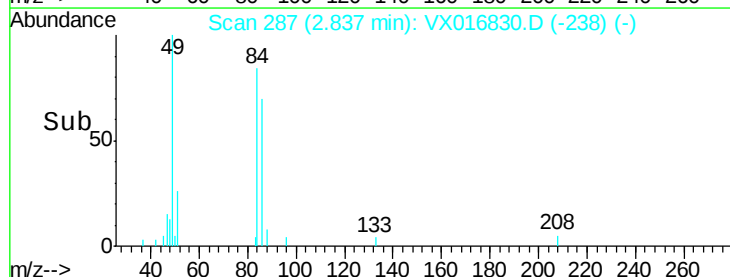
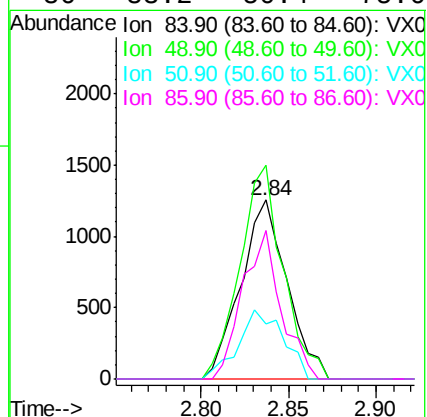
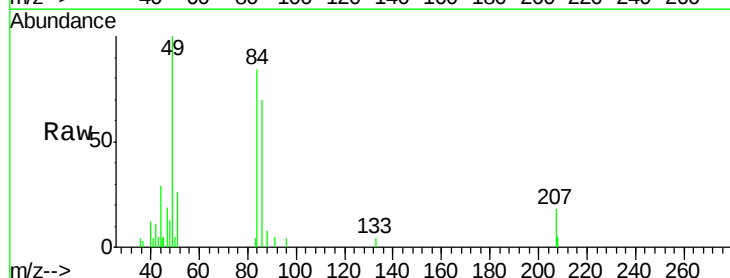
Ion Ratio Lower Upper

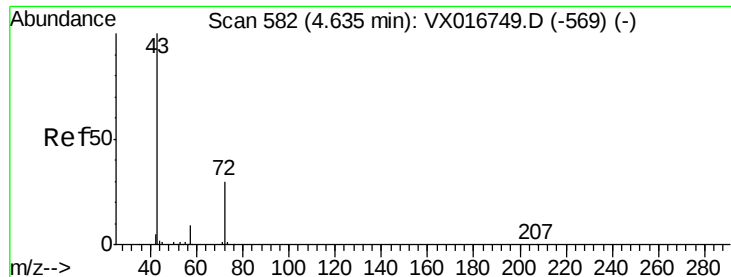
84 100

49 119.6 81.8 122.8

51 30.6 25.8 38.8

86 83.2 50.4 75.6#





#25

2-Butanone

Concen: 1.121 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016830.D

Acq: 17 Jun 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

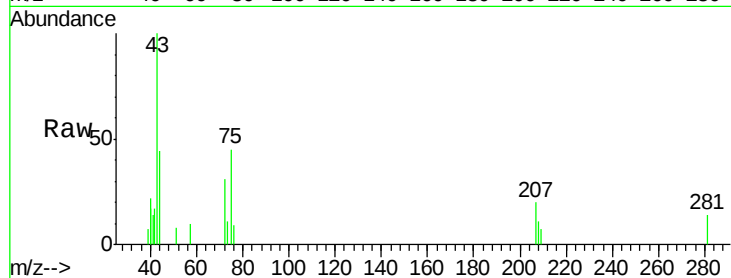
S49-ER-2020-1

Tot Ion: 43 Resp: 2484

Ion Ratio Lower Upper

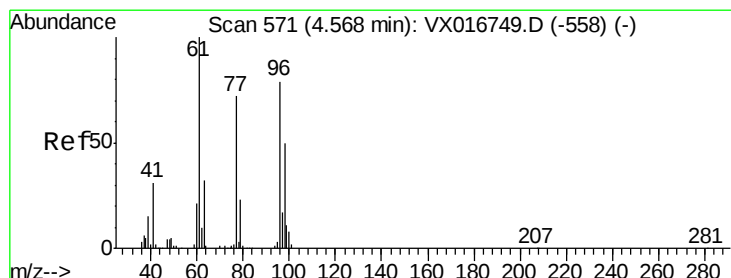
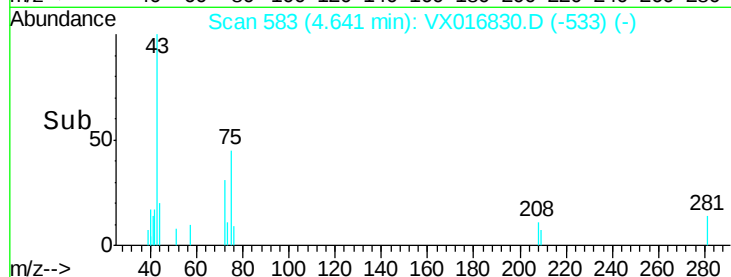
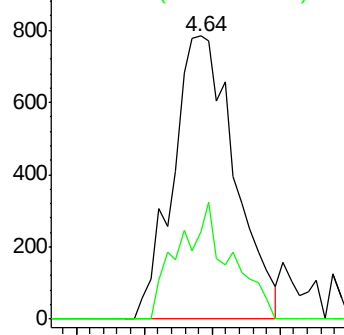
43 100

72 31.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.518 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016830.D

Acq: 17 Jun 2020 20:21

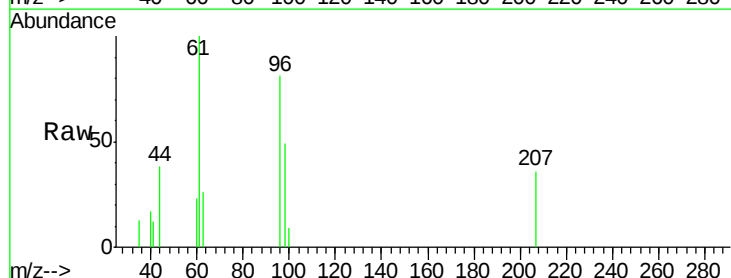
Tgt Ion: 96 Resp: 1792

Ion Ratio Lower Upper

96 100

61 93.2 0.0 276.2

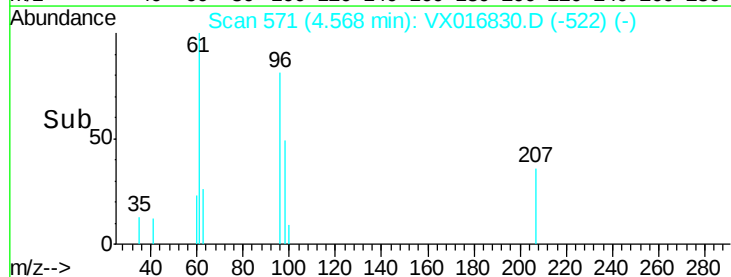
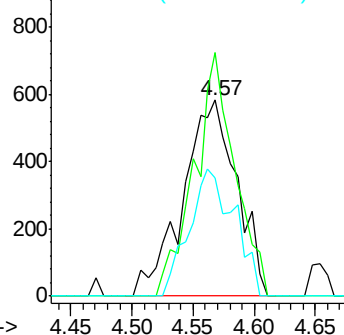
98 54.4 0.0 130.0

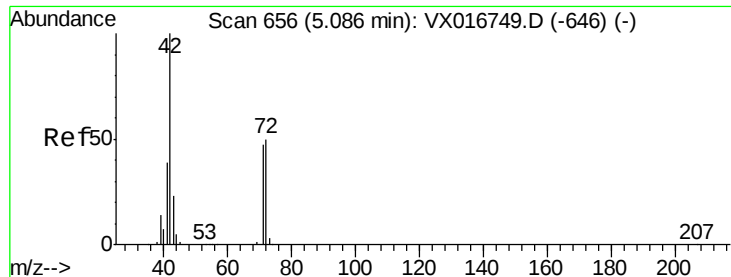


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

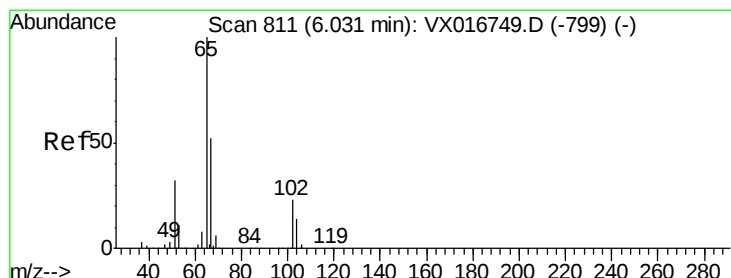
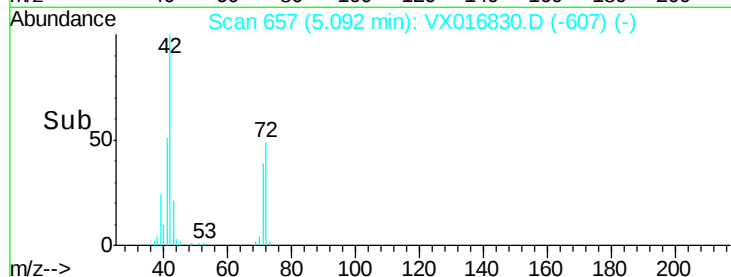
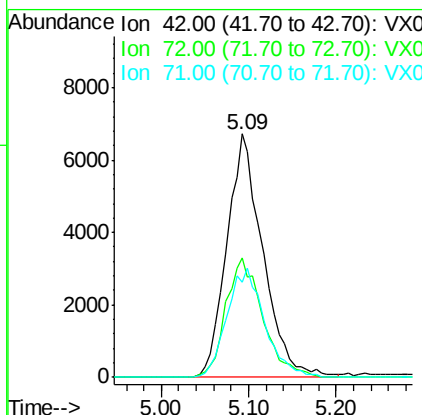
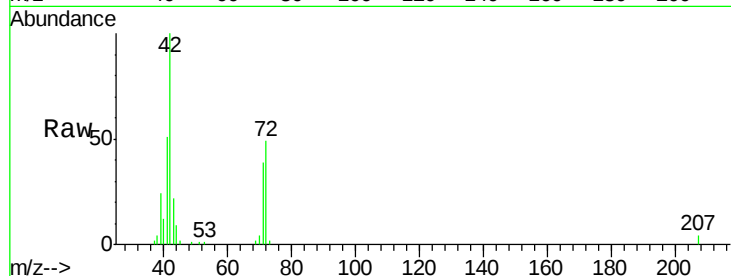




#29
Tetrahydrofuran
Concen: 13.406 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016830.D
Acq: 17 Jun 2020 20:21

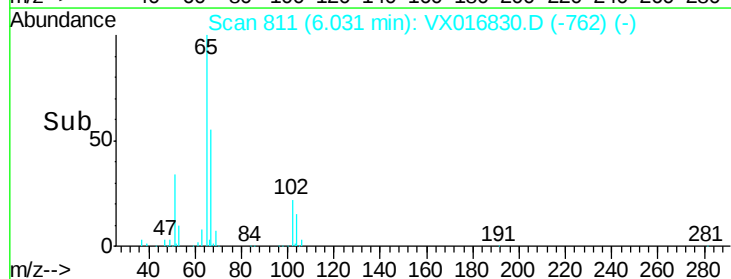
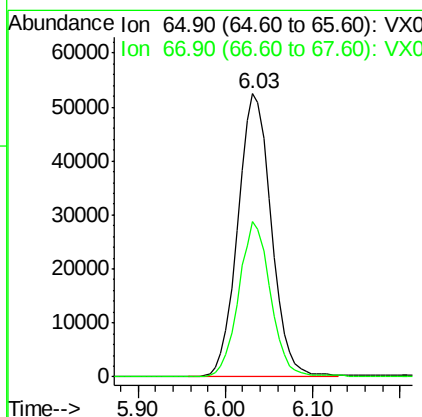
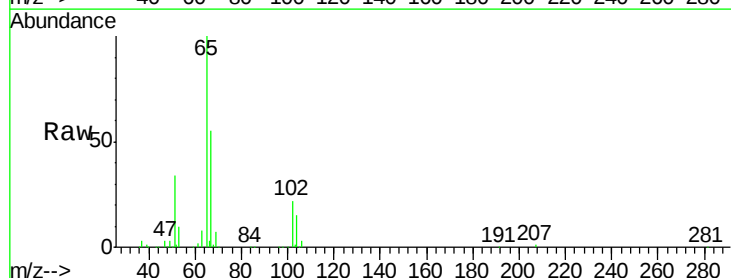
Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2020-1

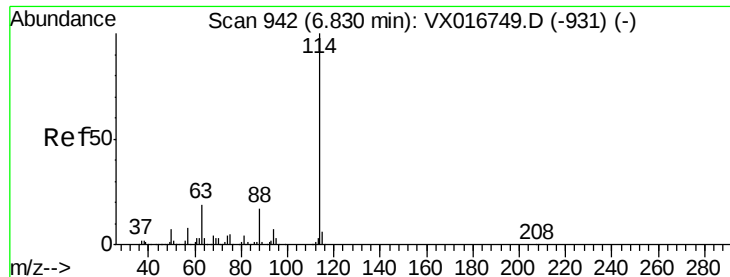
Tot Ion: 42 Resp: 19244
Ion Ratio Lower Upper
42 100
72 50.1 41.0 61.6
71 46.8 38.2 57.4



#33
1,2-Dichloroethane-d4
Concen: 43.086 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016830.D
Acq: 17 Jun 2020 20:21

Tgt Ion: 65 Resp: 139628
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

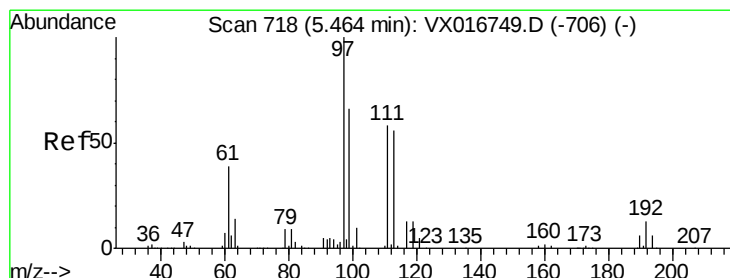
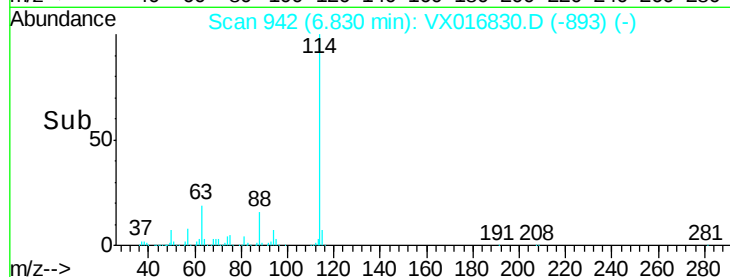
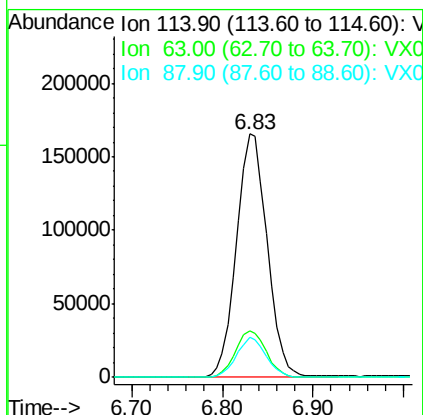
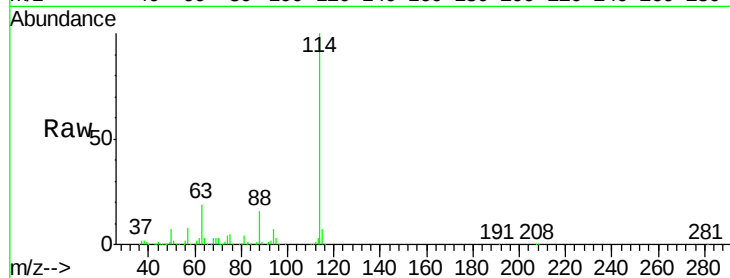




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016830.D
 Acq: 17 Jun 2020 20:21

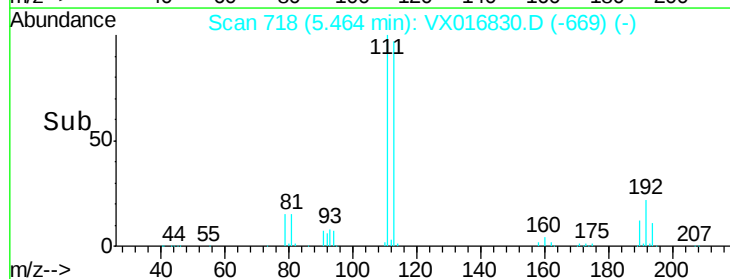
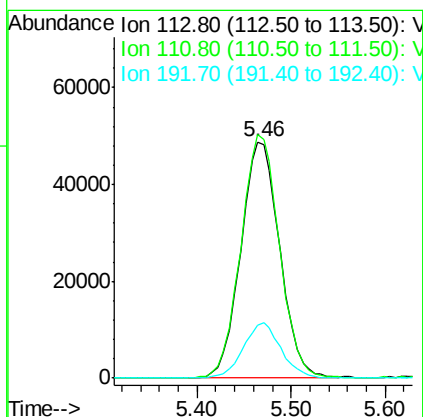
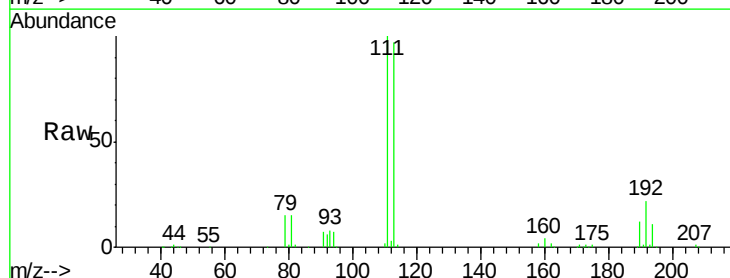
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-ER-2020-1

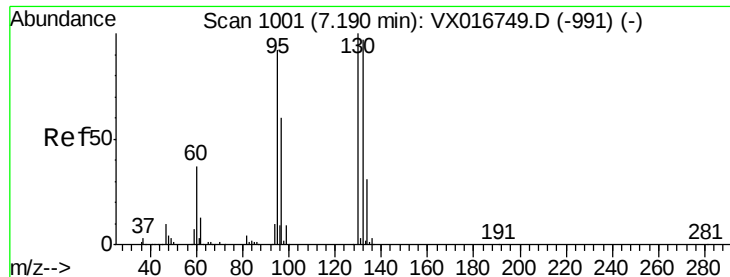
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.8
88	16.3	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 58.307 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016830.D
 Acq: 17 Jun 2020 20:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.9	18.2	27.4





#44

Trichloroethene

Concen: 0.880 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016830.D

Acq: 17 Jun 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

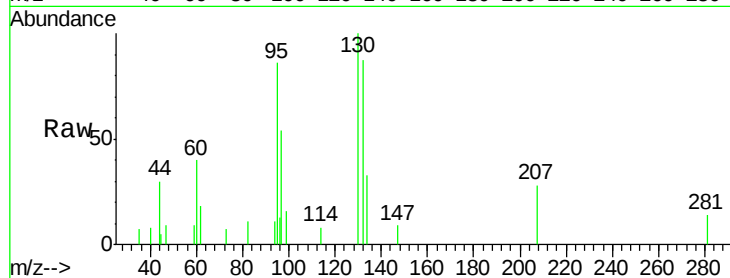
S49-ER-2020-1

Tot Ion:130 Resp: 2874

Ion Ratio Lower Upper

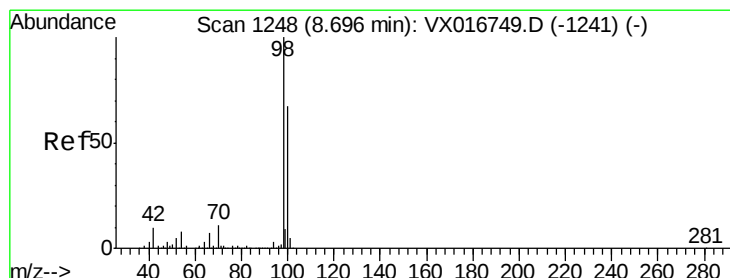
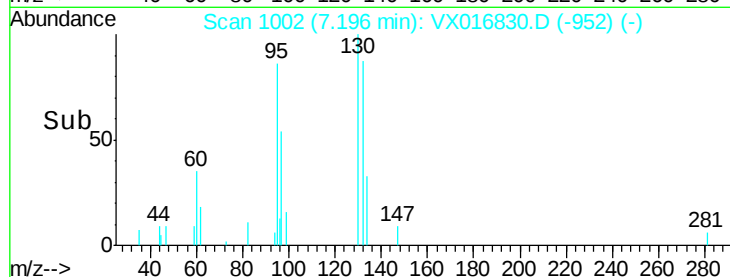
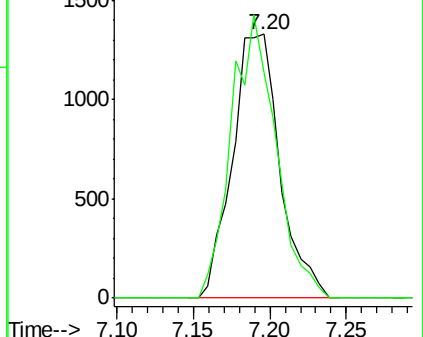
130 100

95 85.6 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 64.567 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016830.D

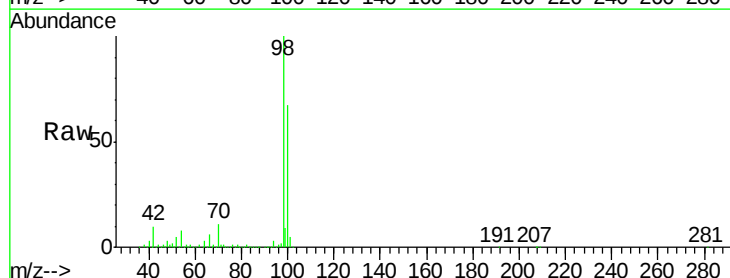
Acq: 17 Jun 2020 20:21

Tgt Ion: 98 Resp: 576181

Ion Ratio Lower Upper

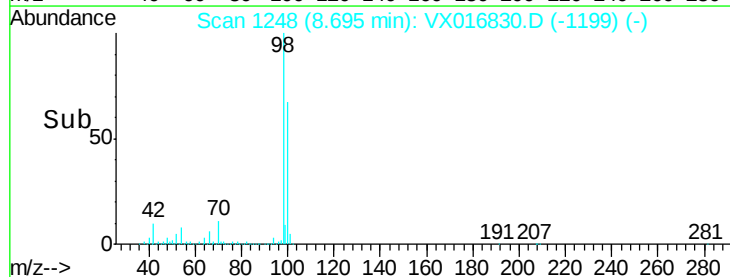
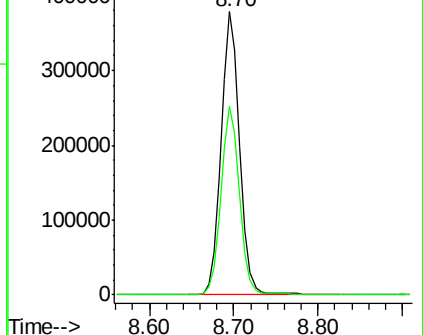
98 100

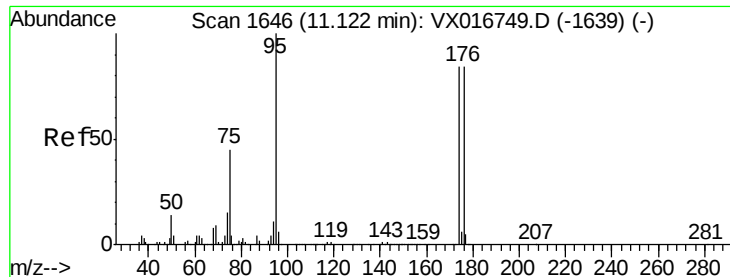
100 66.6 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 56.807 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016830.D

Acq: 17 Jun 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

S49-ER-2020-1

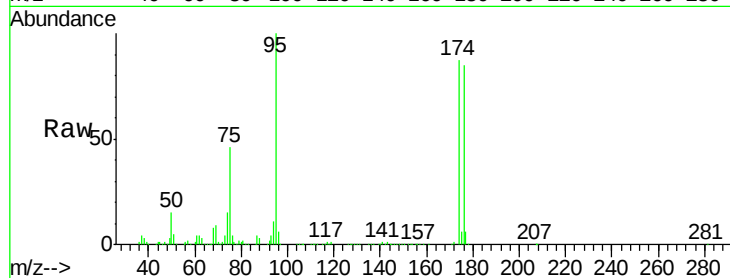
Tot Ion: 95 Resp: 193900

Ion Ratio Lower Upper

95 100

174 88.3 0.0 171.0

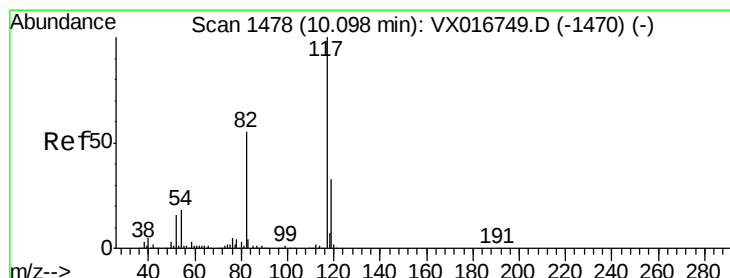
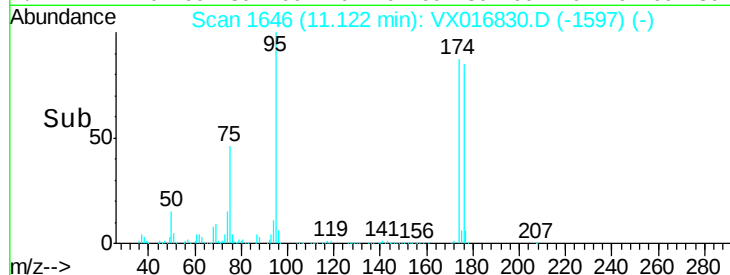
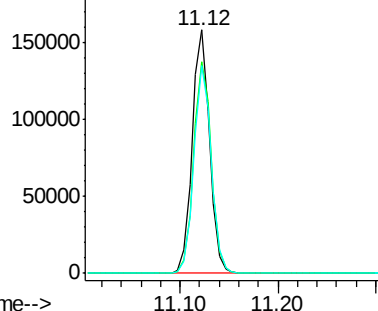
176 85.4 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016830.D

Acq: 17 Jun 2020 20:21

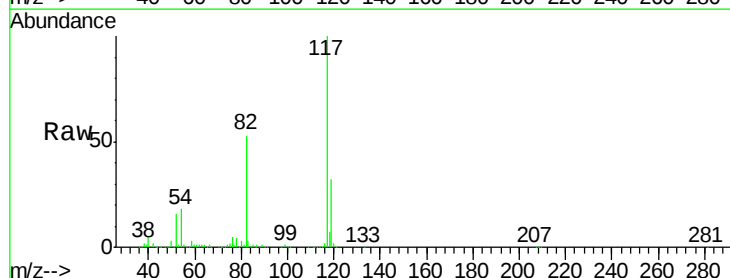
Tgt Ion: 117 Resp: 398044

Ion Ratio Lower Upper

117 100

82 52.9 43.8 65.6

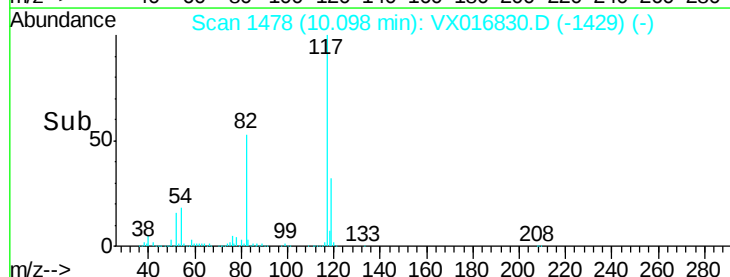
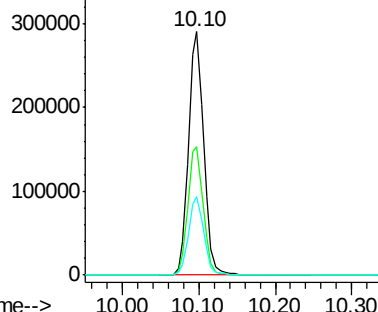
119 32.1 26.2 39.4

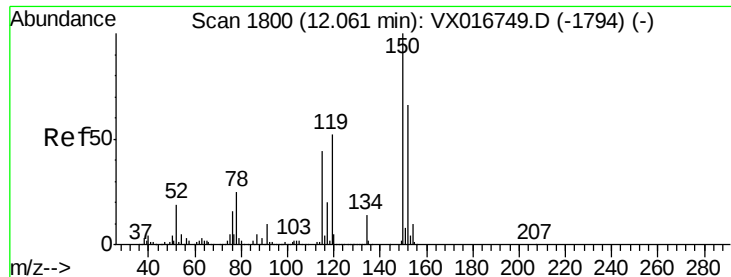


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016830.D

Acq: 17 Jun 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

S49-ER-2020-1

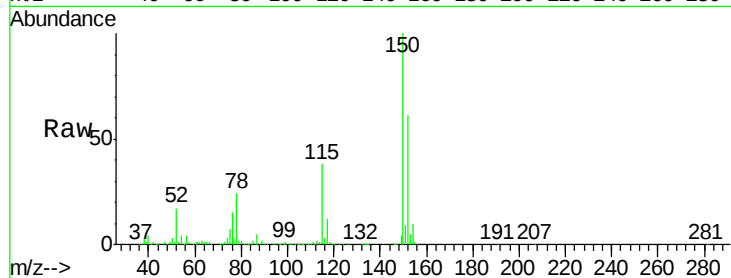
Tot Ion:152 Resp: 244375

Ion Ratio Lower Upper

152 100

115 58.7 40.3 120.8

150 157.9 0.0 337.4



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

