

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017319.D
 Acq On : 09 Jul 2020 19:36
 Operator : JC/SP
 Sample : L3217-13 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E3-41-VAT

Quant Time: Jul 10 07:30:30 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

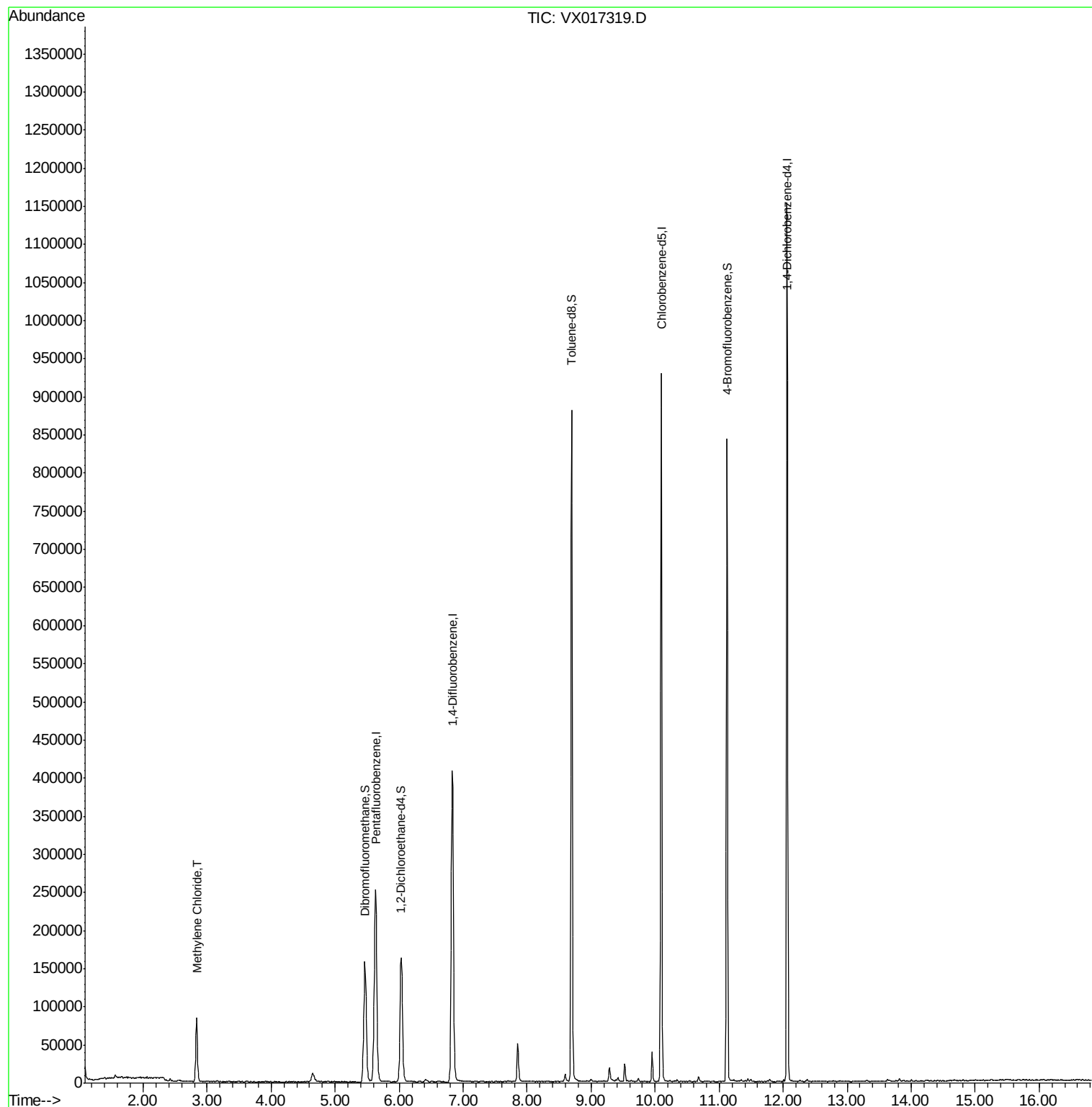
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	251431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	412471	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	432408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	162125	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
35) Dibromofluoromethane	5.47	113	136529	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
50) Toluene-d8	8.70	98	512925	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	11.12	95	209382	55.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.04%	
Target Compounds						
20) Methylene Chloride	2.84	84	38143	13.776	ug/l	Qvalue 93

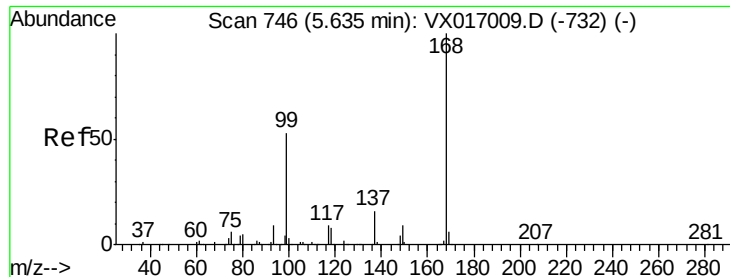
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX017319.D

Acq: 09 Jul 2020 19:36

Instrument :

MSVOA_X

ClientSampled :

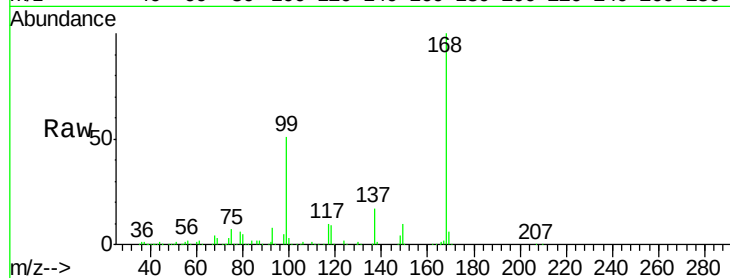
E3-41-VAT

Tot Ion:168 Resp: 251431

Ion Ratio Lower Upper

168 100

99 51.0 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

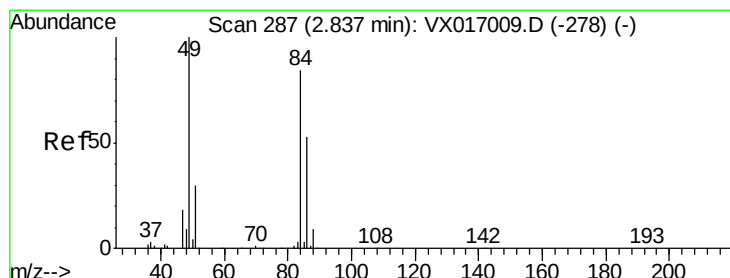
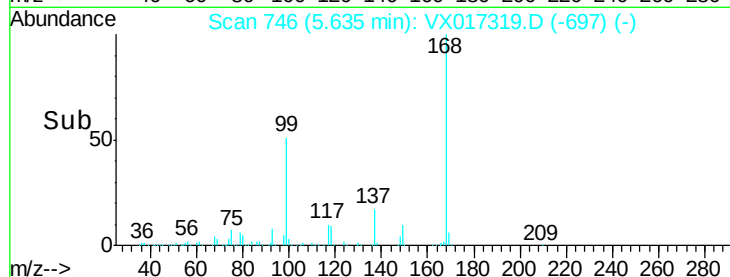
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 13.776 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017319.D

Acq: 09 Jul 2020 19:36

Tgt Ion: 84 Resp: 38143

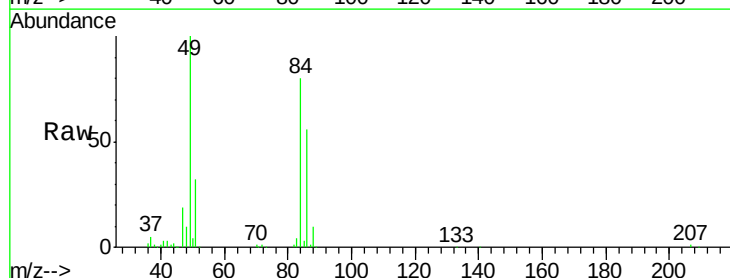
Ion Ratio Lower Upper

84 100

49 124.3 94.7 142.1

51 40.1 28.6 42.8

86 70.0 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

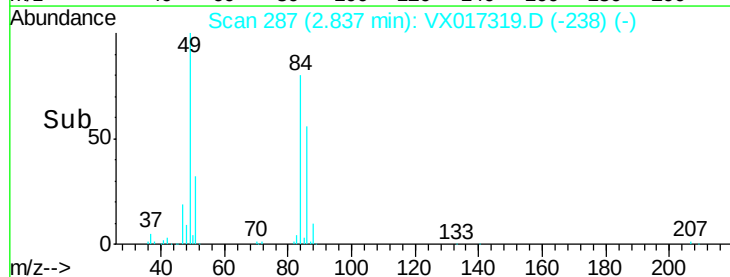
2.84

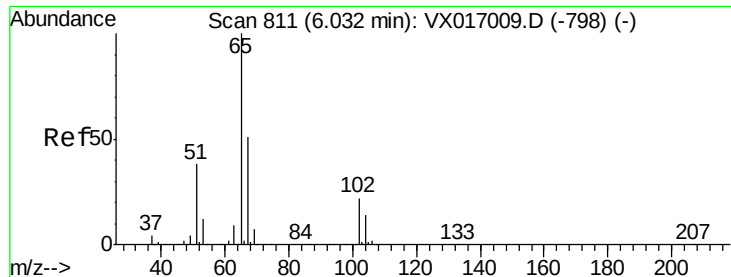
20000

10000

0

Time--> 2.75 2.80 2.85 2.90 2.95





#33

1,2-Dichloroethane-d4

Concen: 52.304 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017319.D

Acq: 09 Jul 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

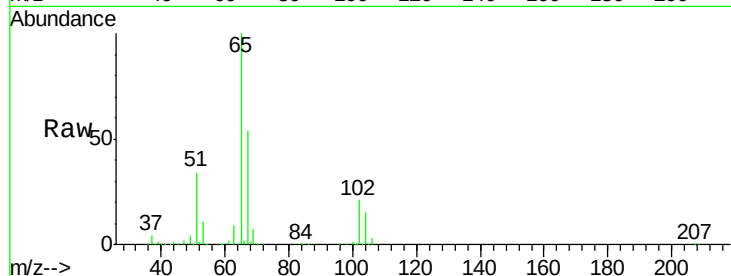
E3-41-VAT

Tot Ion: 65 Resp: 162125

Ion Ratio Lower Upper

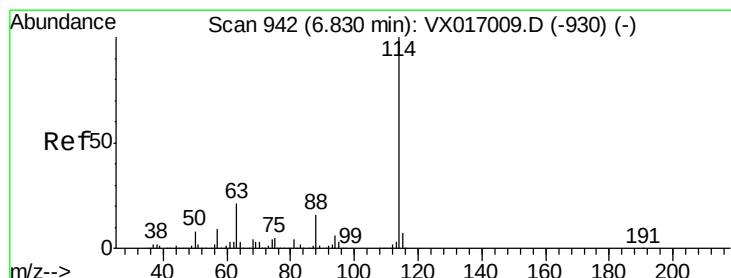
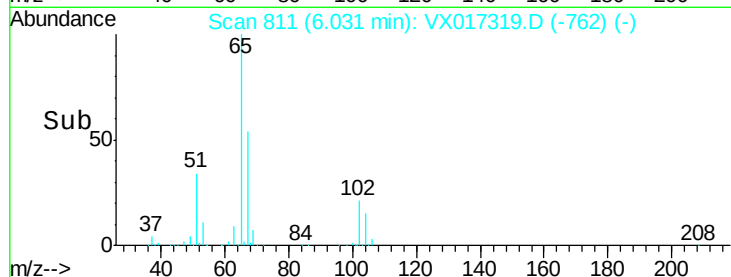
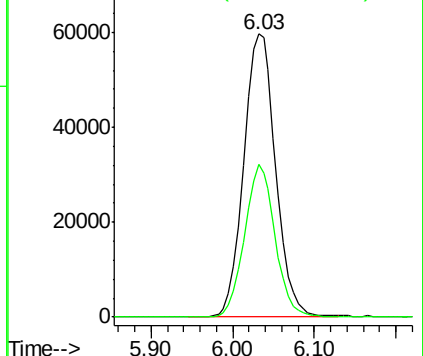
65 100

67 51.6 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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017319.D

Acq: 09 Jul 2020 19:36

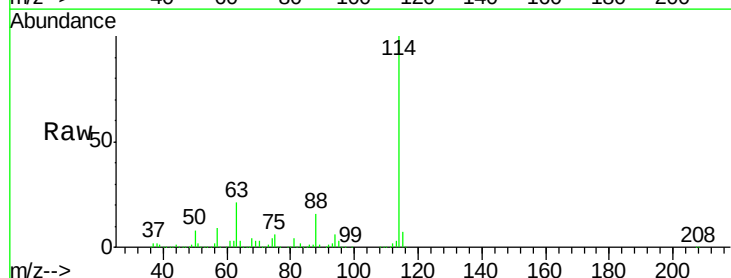
Tgt Ion: 114 Resp: 412471

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

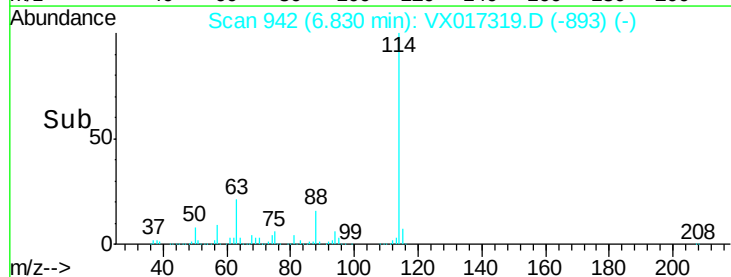
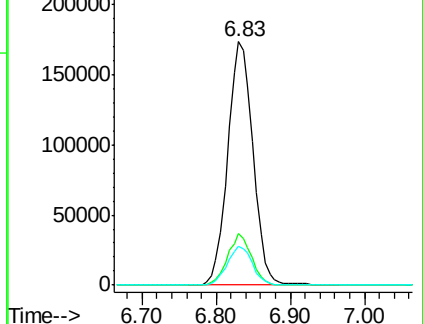
88 16.0 0.0 32.4

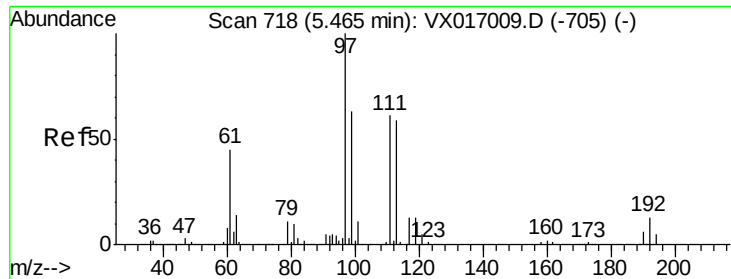


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

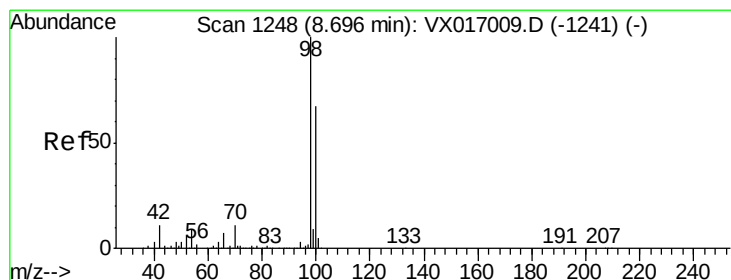
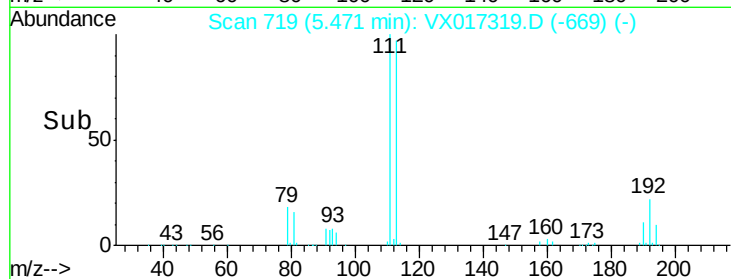
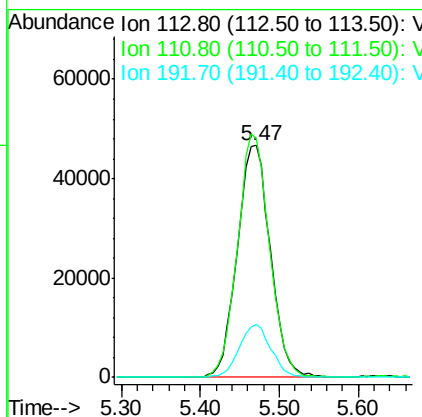
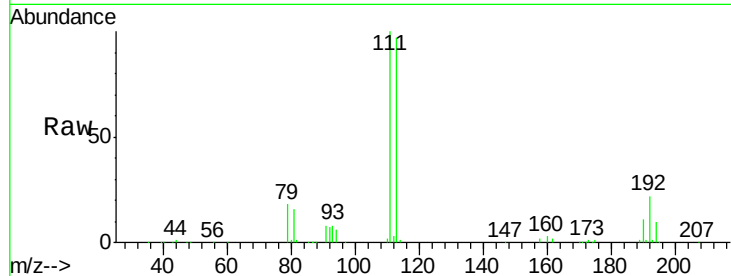




#35
 Dibromofluoromethane
 Concen: 52.327 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017319.D
 Acq: 09 Jul 2020 19:36

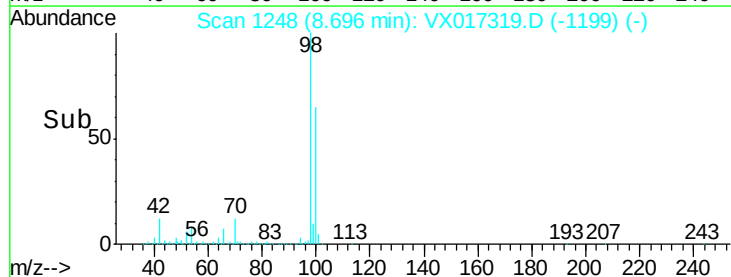
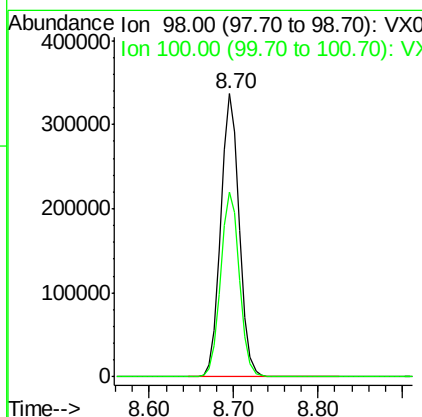
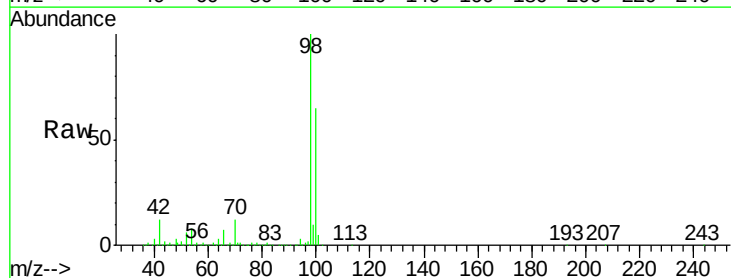
Instrument :
 MSVOA_X
 ClientSampleId :
 E3-41-VAT

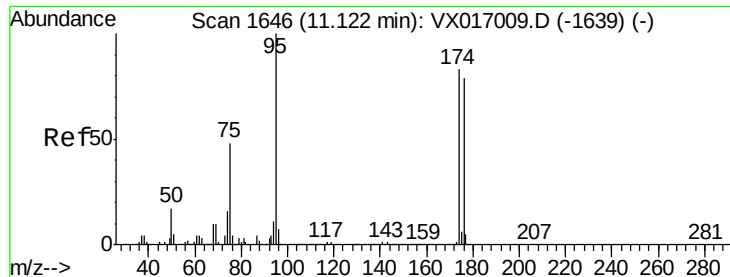
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	21.8	16.7	25.1



#50
 Toluene-d8
 Concen: 53.163 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017319.D
 Acq: 09 Jul 2020 19:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.8	80.6

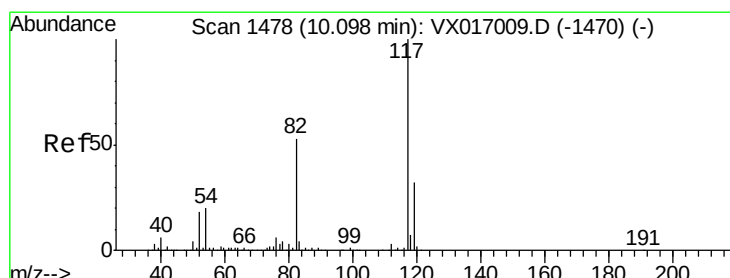
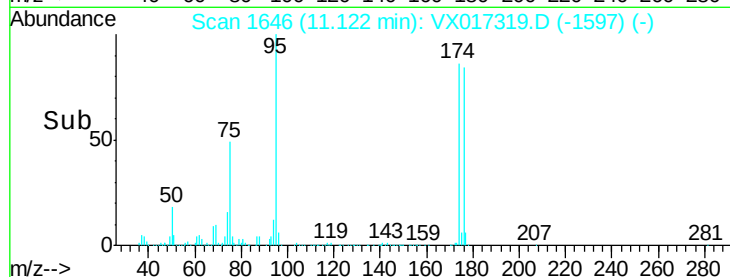
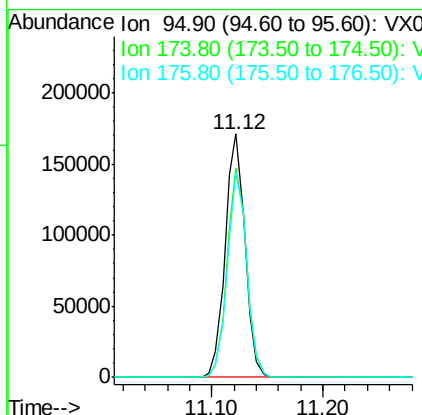
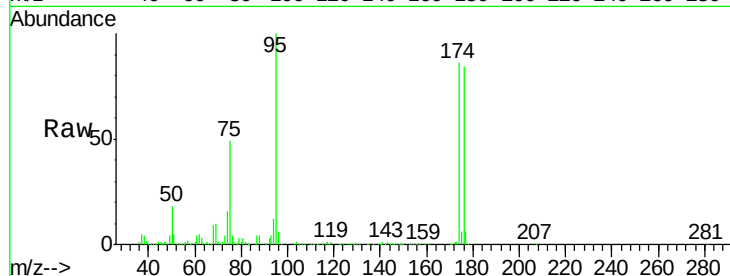




#62
4-Bromofluorobenzene
Concen: 55.516 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017319.D
Acq: 09 Jul 2020 19:36

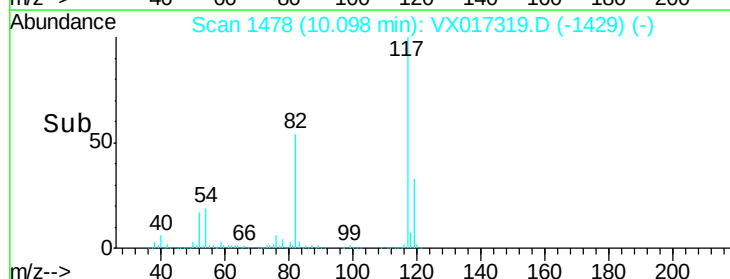
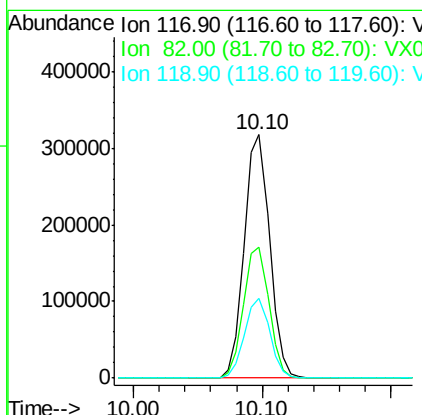
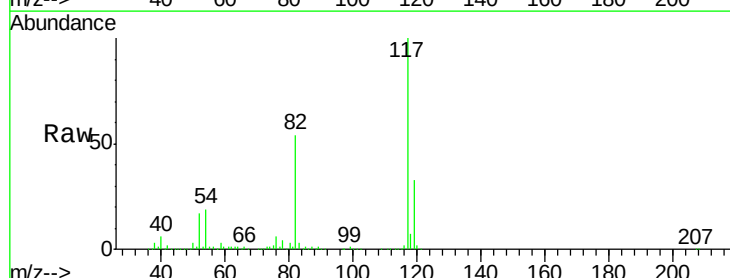
Instrument :
MSVOA_X
ClientSampleId :
E3-41-VAT

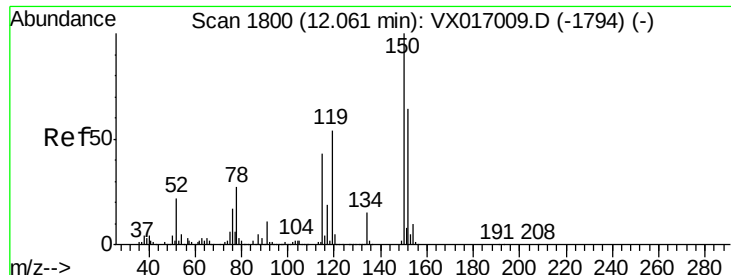
Tot Ion: 95 Resp: 209382
Ion Ratio Lower Upper
95 100
174 85.9 0.0 164.0
176 82.6 0.0 157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017319.D
Acq: 09 Jul 2020 19:36

Tgt Ion: 117 Resp: 432408
Ion Ratio Lower Upper
117 100
82 53.8 42.6 63.8
119 32.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017319.D

Acq: 09 Jul 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

E3-41-VAT

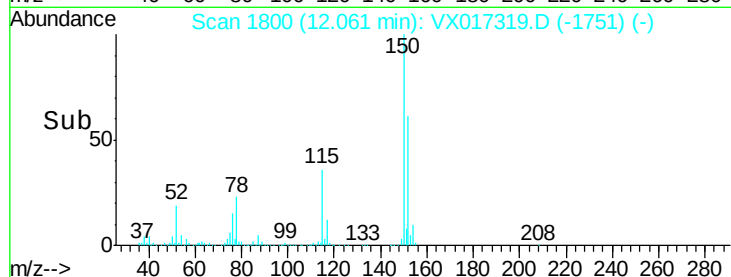
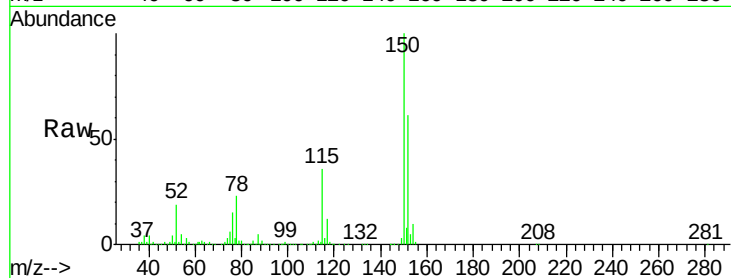
Tot Ion:152 Resp: 230313

Ion Ratio Lower Upper

152 100

115 57.8 40.9 122.7

150 160.2 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

