

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019827.D
 Acq On : 10 Dec 2020 15:54
 Operator : JC/MD
 Sample : L4996-07 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20201208

Quant Time: Dec 11 02:01:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	323019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	534817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	494770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	204513	48.17	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.34%
35) Dibromofluoromethane	5.46	113	164743	47.66	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.32%
50) Toluene-d8	8.70	98	644976	48.88	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.76%
62) 4-Bromofluorobenzene	11.12	95	227660	45.33	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.66%

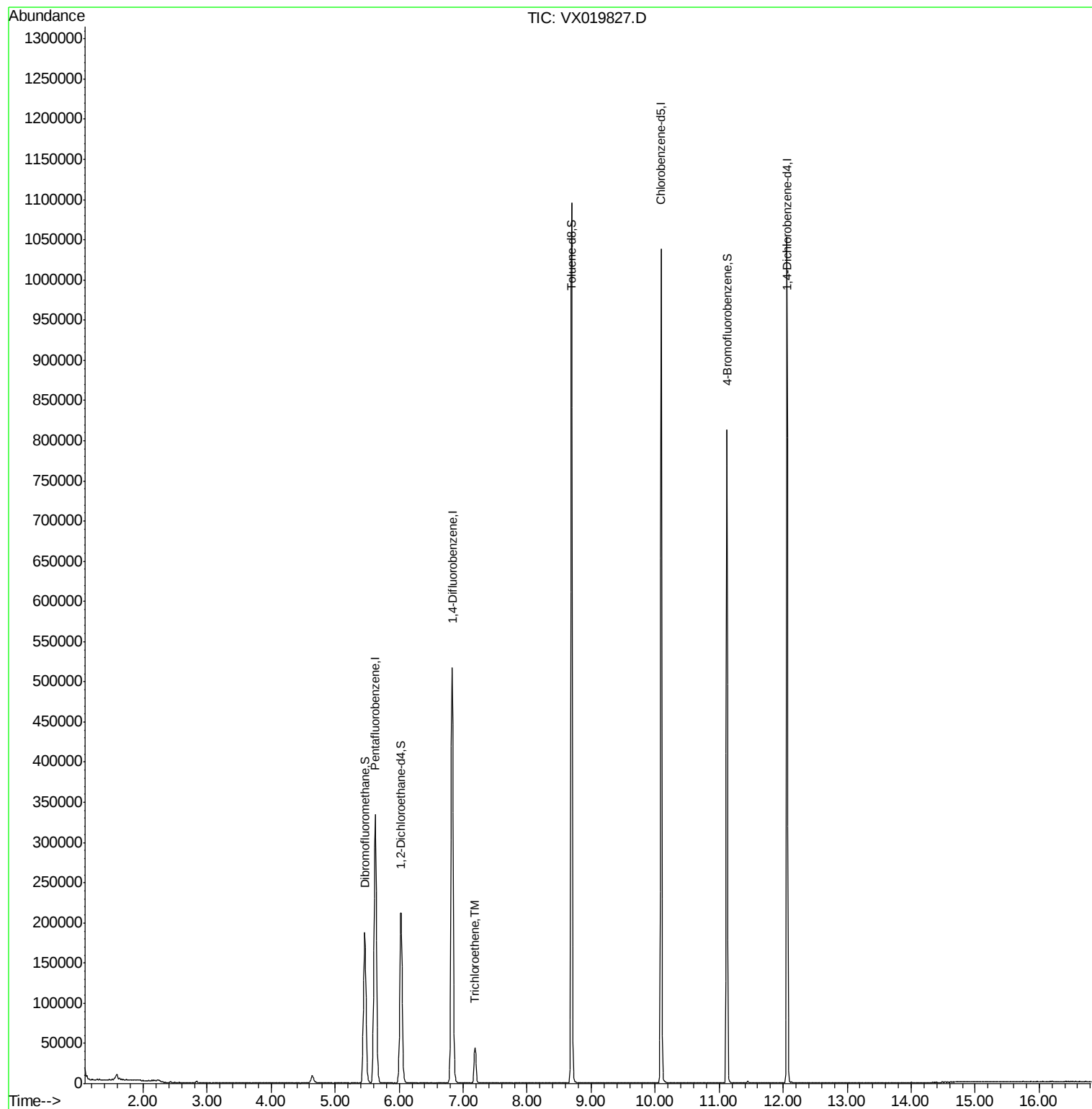
Target Compounds					Qvalue
44) Trichloroethene	7.18	130	17971	4.640 ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019827.D

Acq: 10 Dec 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

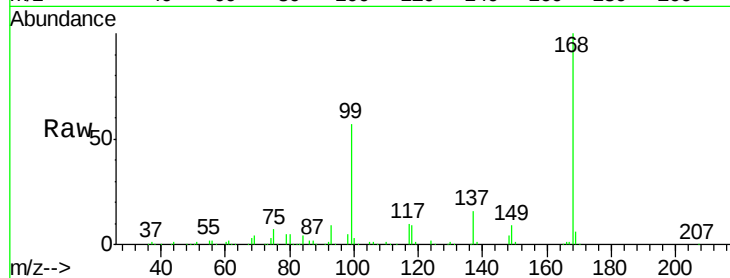
DUP02-20201208

Tot Ion:168 Resp: 323019

Ion Ratio Lower Upper

168 100

99 56.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

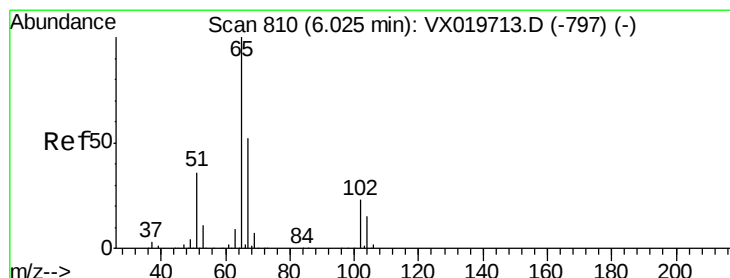
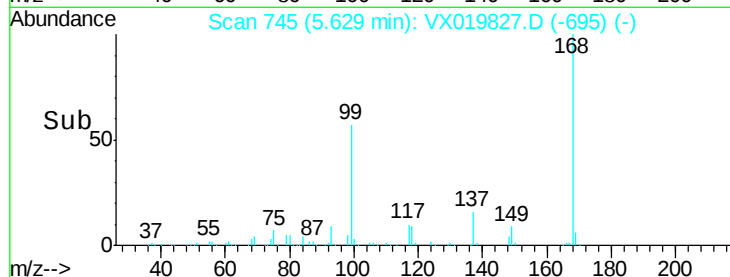
5.63

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.173 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019827.D

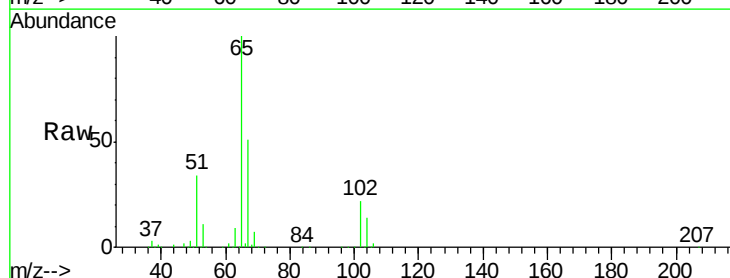
Acq: 10 Dec 2020 15:54

Tgt Ion: 65 Resp: 204513

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

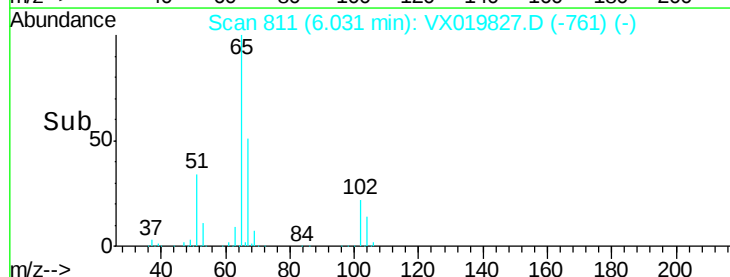
60000

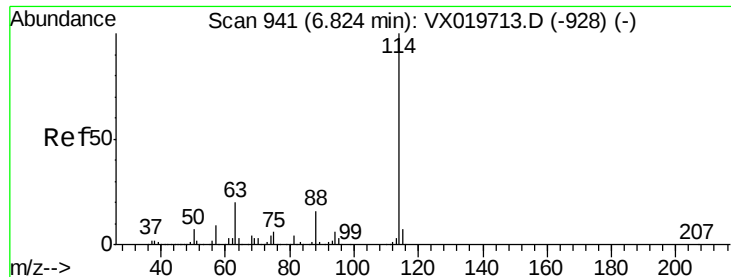
40000

20000

0

Time-->

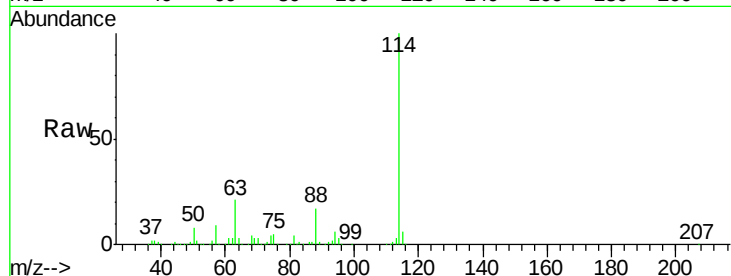




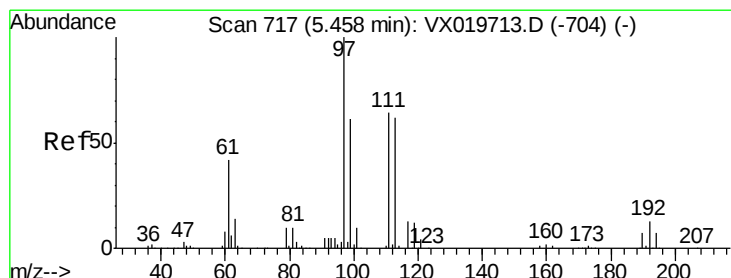
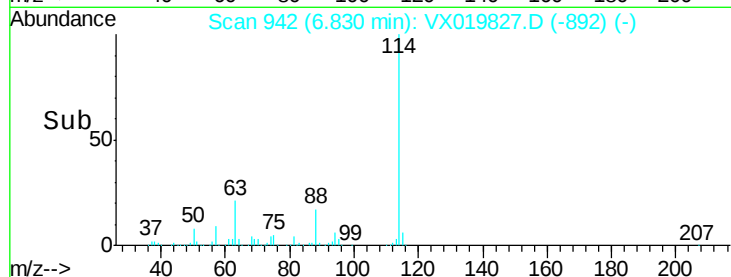
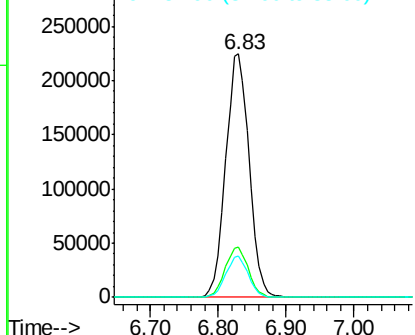
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019827.D
 Acq: 10 Dec 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20201208

Tot Ion:114	Resp:	534817
Ion Ratio	Lower	Upper
114 100		
63 20.9	0.0	40.8
88 17.0	0.0	32.8

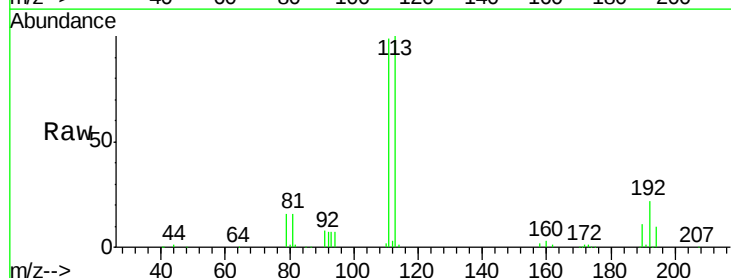


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

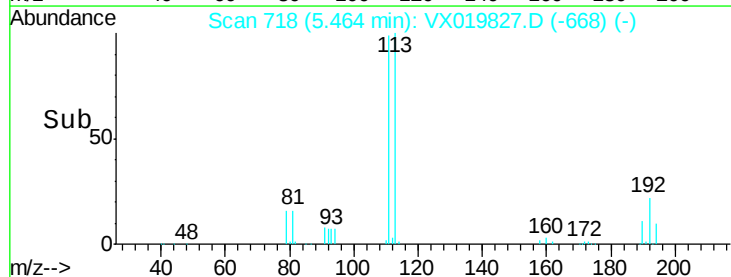
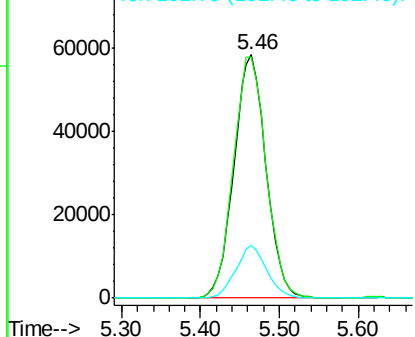


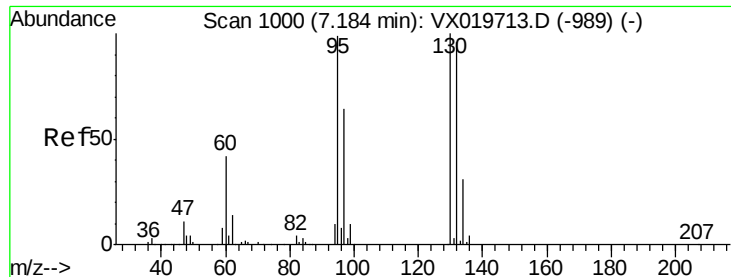
#35
 Dibromofluoromethane
 Concen: 47.663 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019827.D
 Acq: 10 Dec 2020 15:54

Tgt Ion:113	Resp:	164743
Ion Ratio	Lower	Upper
113 100		
111 101.7	81.9	122.9
192 20.7	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

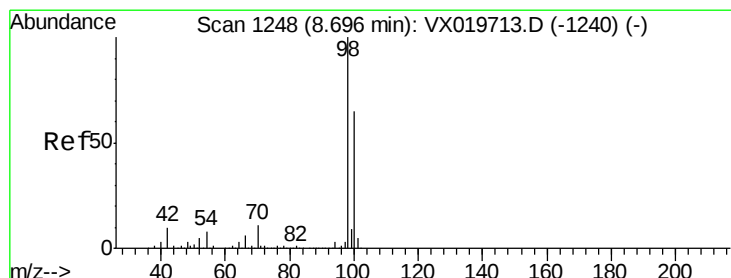
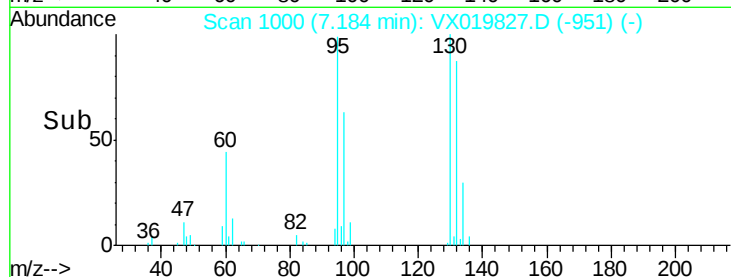
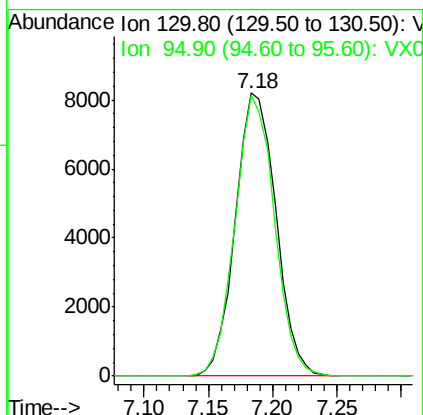
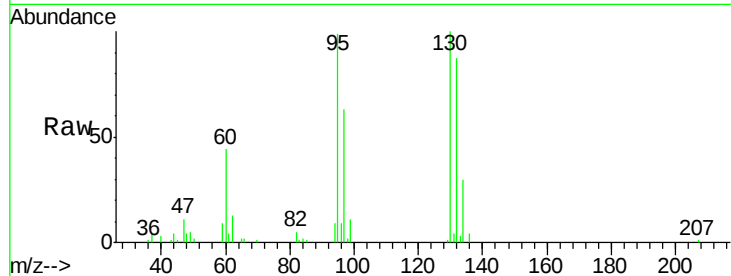




#44
 Trichloroethene
 Concen: 4.640 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019827.D
 Acq: 10 Dec 2020 15:54

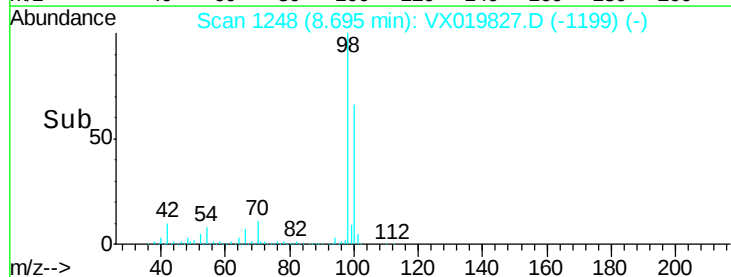
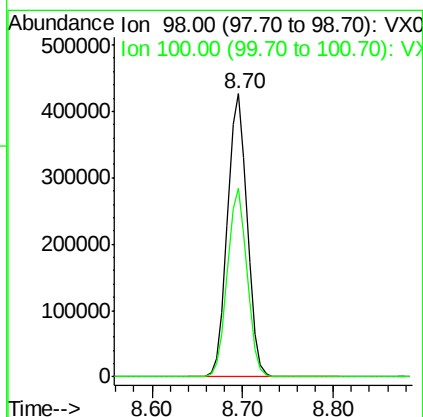
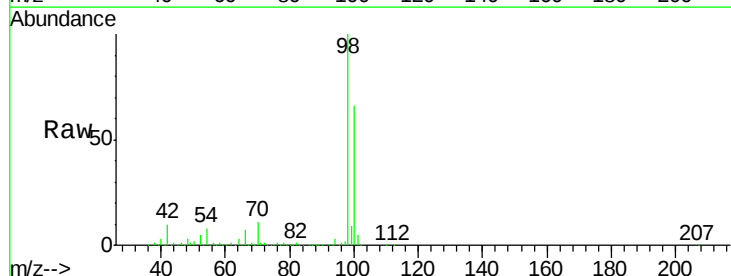
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20201208

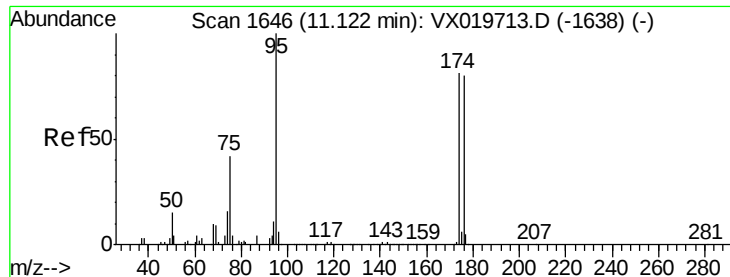
Tot Ion:130 Resp: 17971
 Ion Ratio Lower Upper
 130 100
 95 99.1 0.0 198.0



#50
 Toluene-d8
 Concen: 48.877 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019827.D
 Acq: 10 Dec 2020 15:54

Tgt Ion: 98 Resp: 644976
 Ion Ratio Lower Upper
 98 100
 100 66.4 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 45.328 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019827.D

Acq: 10 Dec 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20201208

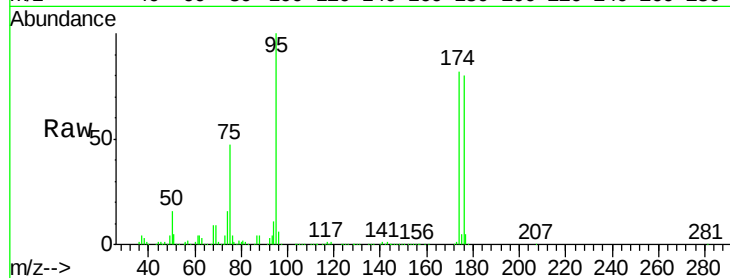
Tot Ion: 95 Resp: 227660

Ion Ratio Lower Upper

95 100

174 77.8 0.0 154.6

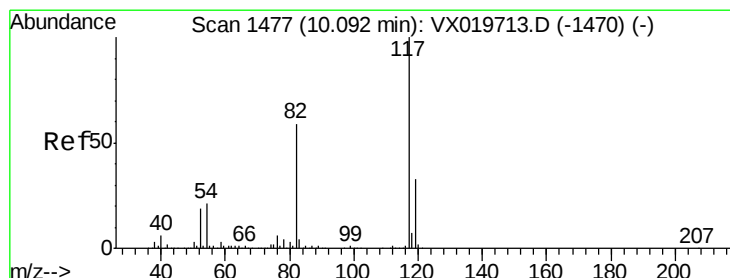
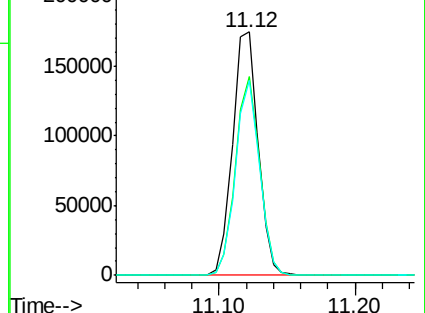
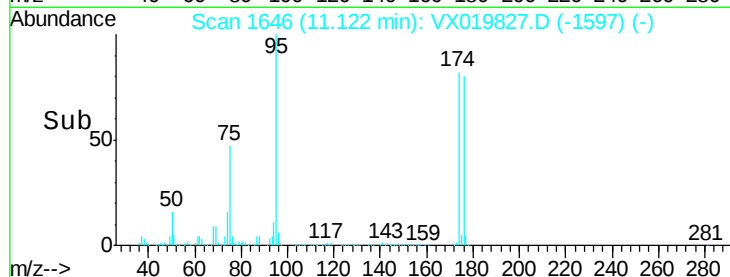
176 76.0 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019827.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019827.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019827.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019827.D

Acq: 10 Dec 2020 15:54

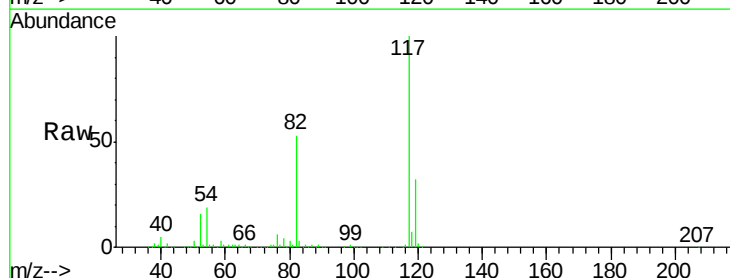
Tgt Ion: 117 Resp: 494770

Ion Ratio Lower Upper

117 100

82 53.2 47.4 71.2

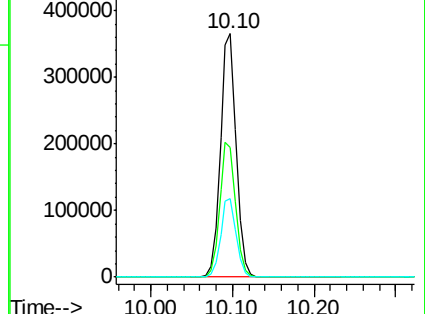
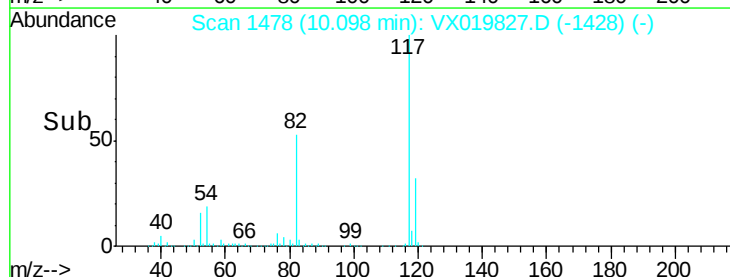
119 32.3 26.6 39.8

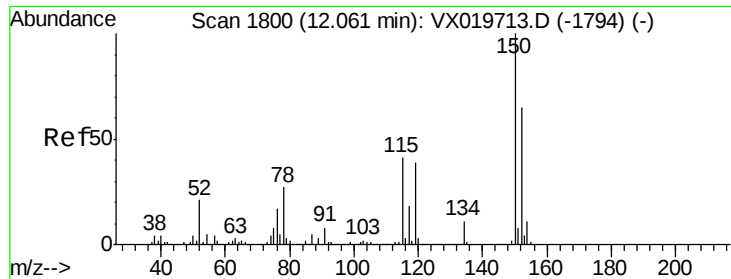


Abundance Ion 116.90 (116.60 to 117.60): VX019827.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019827.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019827.D (-1428) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019827.D

Acq: 10 Dec 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20201208

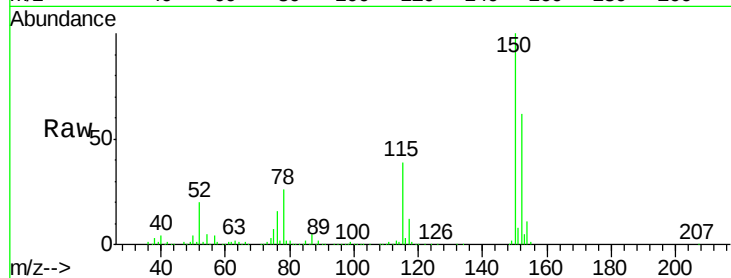
Tot Ion:152 Resp: 214630

Ion Ratio Lower Upper

152 100

115 60.3 41.1 123.3

150 157.6 0.0 349.0



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

