

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019828.D
 Acq On : 10 Dec 2020 16:17
 Operator : JC/MD
 Sample : L4996-27 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20201207

Quant Time: Dec 11 02:03:29 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	5.62	168	287904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	479016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184327	48.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.42%
35) Dibromofluoromethane	5.46	113	145112	46.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.74%
50) Toluene-d8	8.70	98	585046	49.50	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.00%
62) 4-Bromofluorobenzene	11.12	95	217644	48.38	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.76%

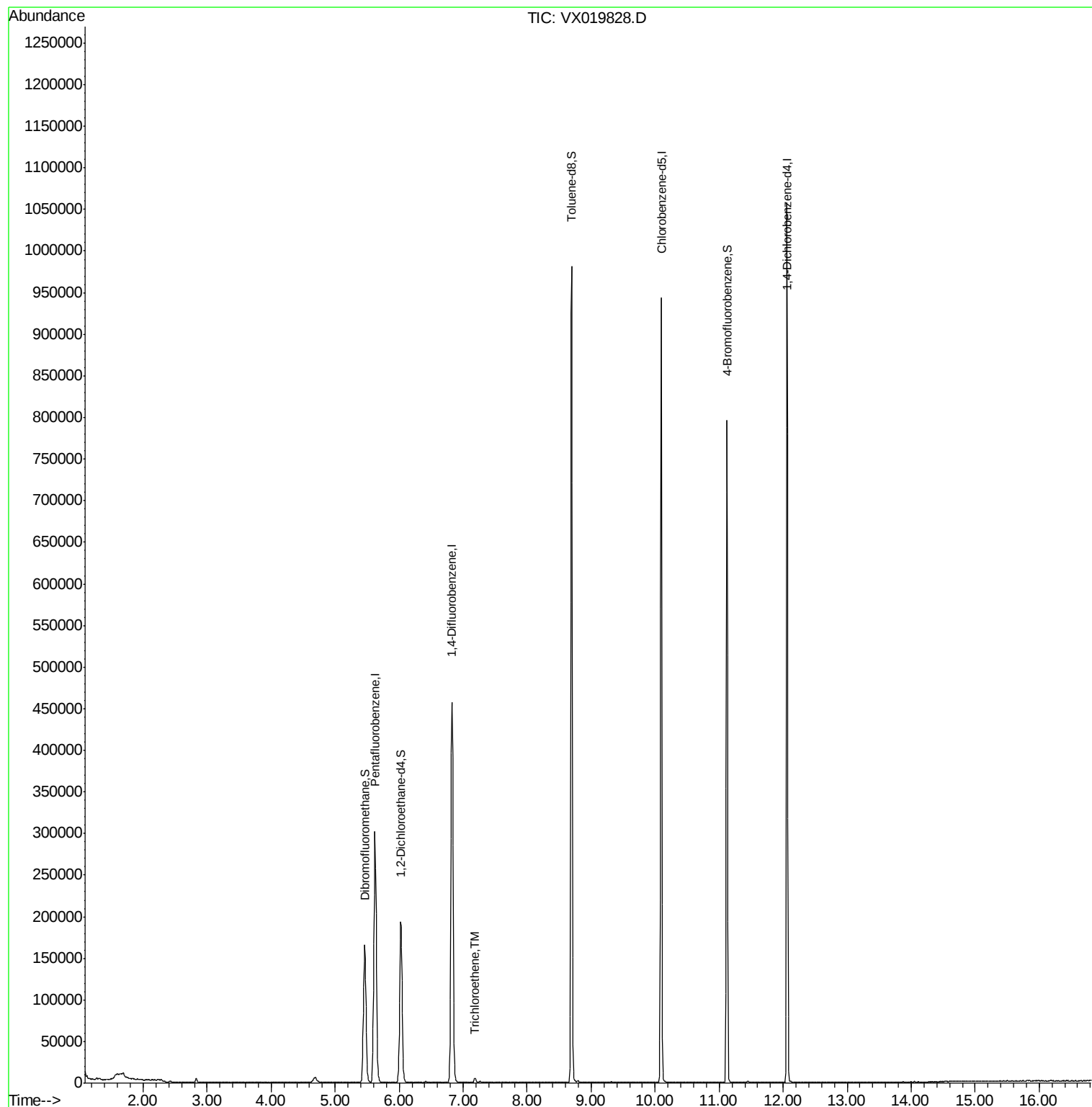
Target Compounds					Qvalue
44) Trichloroethene	7.18	130	2062	0.594 ug/l	83

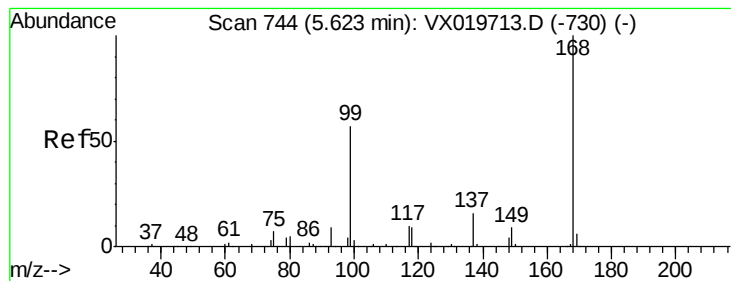
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019828.D

Acq: 10 Dec 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

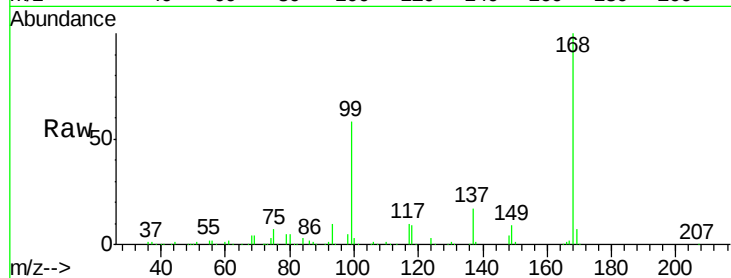
DUP01-20201207

Tot Ion:168 Resp: 287904

Ion Ratio Lower Upper

168 100

99 57.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

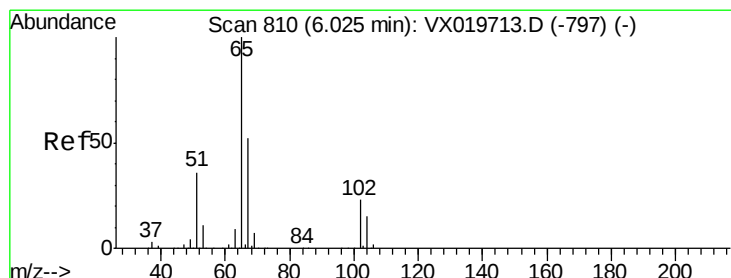
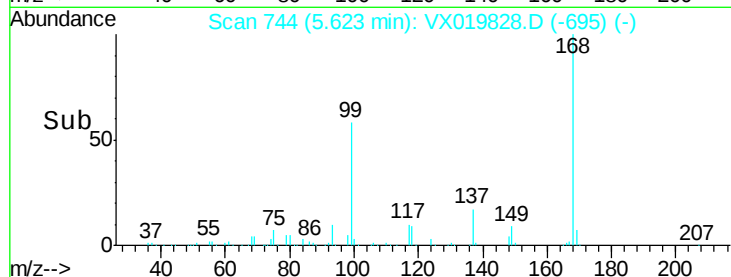
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.713 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019828.D

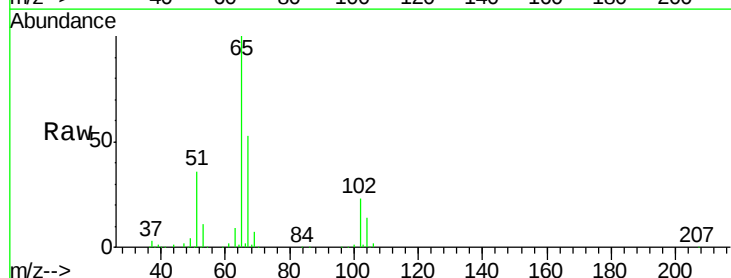
Acq: 10 Dec 2020 16:17

Tgt Ion: 65 Resp: 184327

Ion Ratio Lower Upper

65 100

67 53.5 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

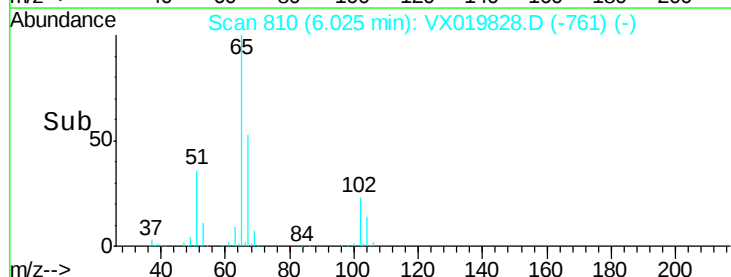
60000

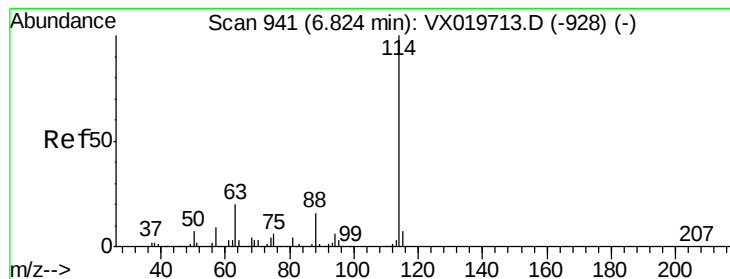
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: VX019828.D

Acq: 10 Dec 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20201207

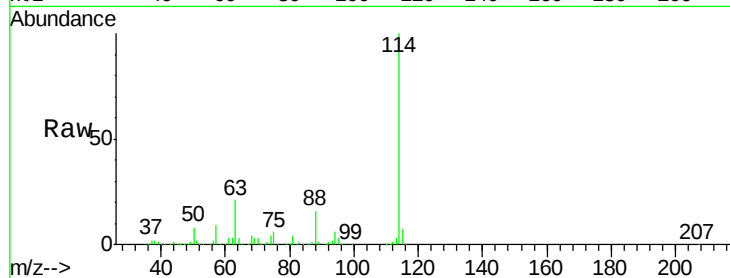
Tot Ion:114 Resp: 479016

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

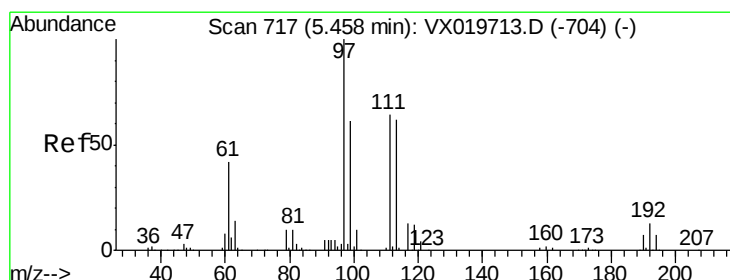
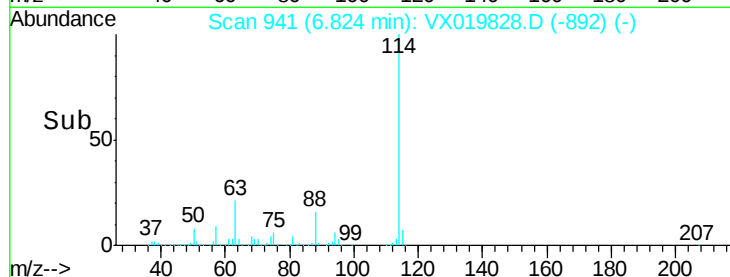
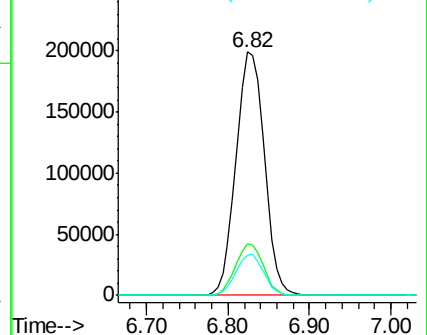
88 16.3 0.0 32.8



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: 46.874 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019828.D

Acq: 10 Dec 2020 16:17

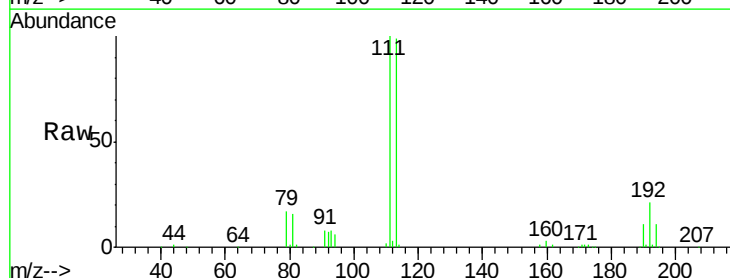
Tgt Ion:113 Resp: 145112

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

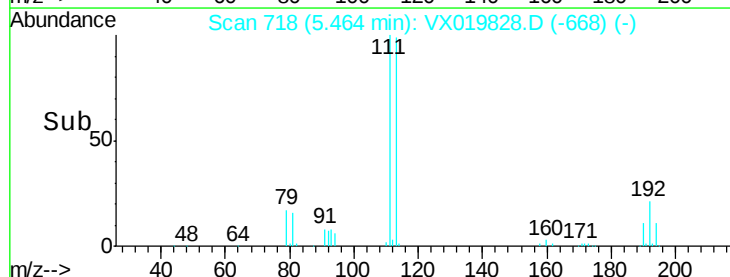
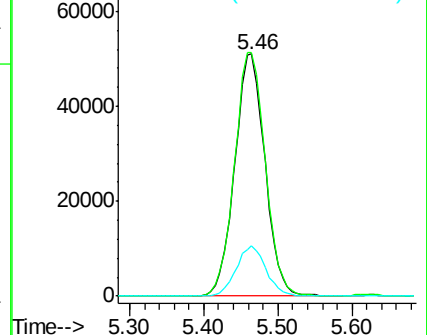
192 20.4 16.7 25.1

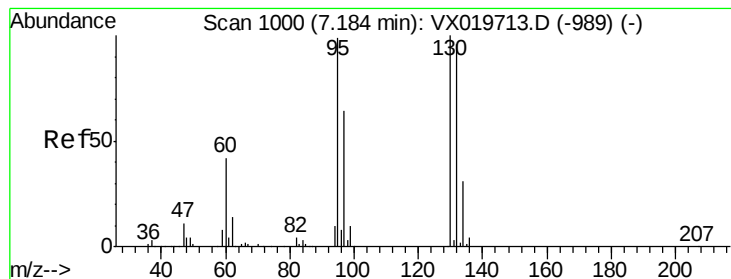


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.594 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019828.D

Acq: 10 Dec 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

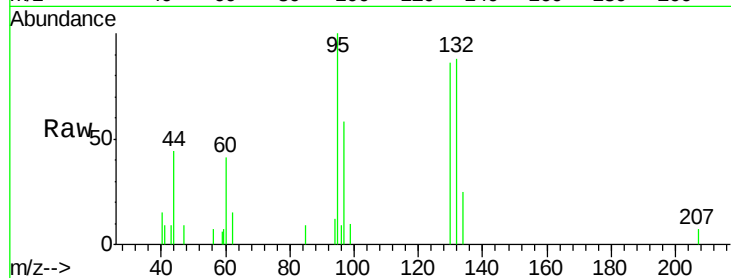
DUP01-20201207

Tot Ion:130 Resp: 2062

Ion Ratio Lower Upper

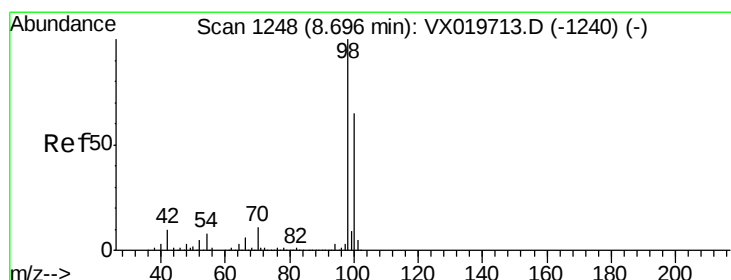
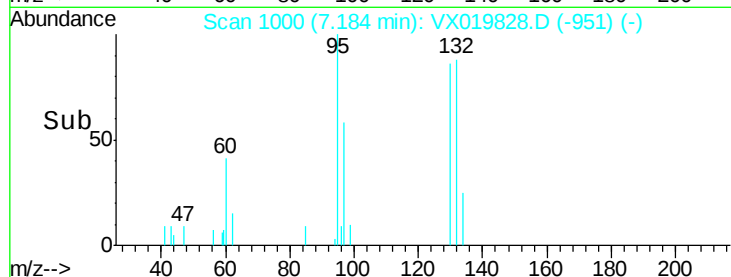
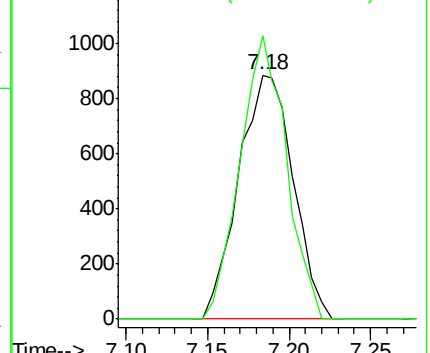
130 100

95 116.0 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.500 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019828.D

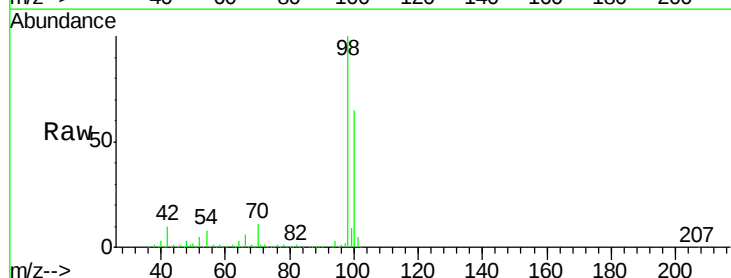
Acq: 10 Dec 2020 16:17

Tgt Ion: 98 Resp: 585046

Ion Ratio Lower Upper

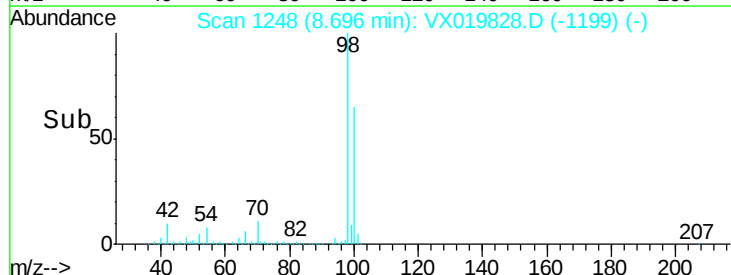
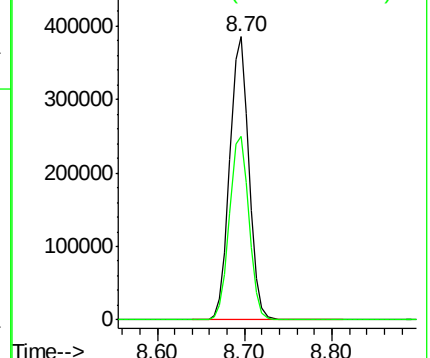
98 100

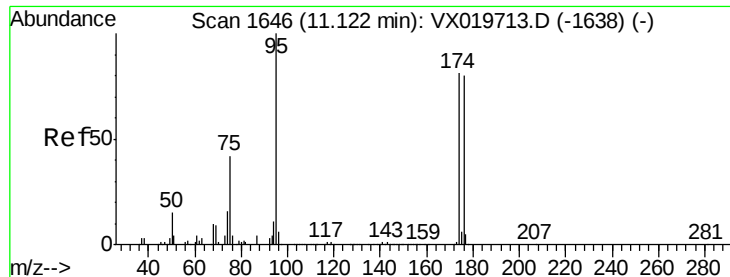
100 66.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

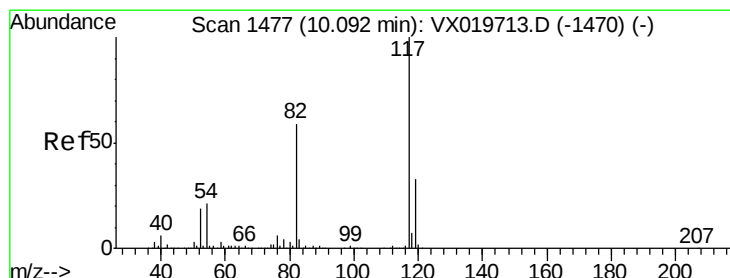
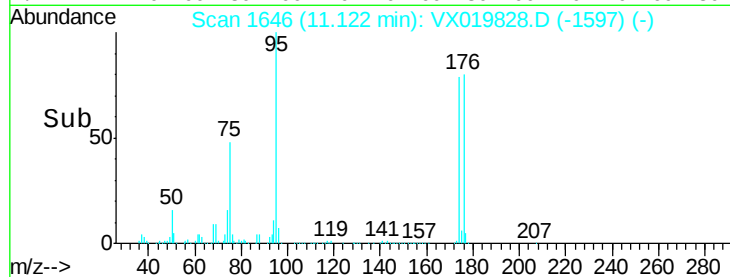
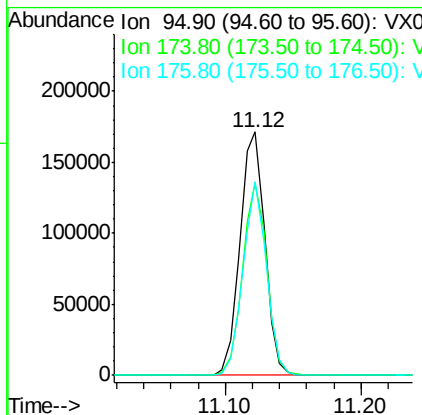
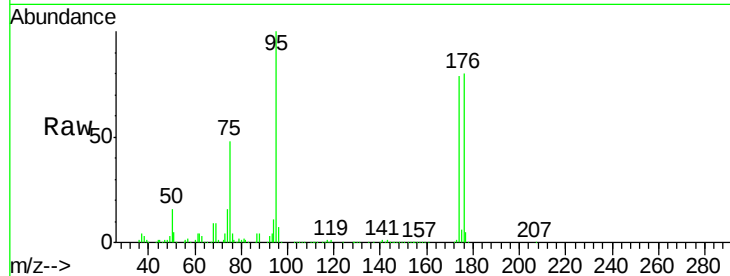




#62
4-Bromofluorobenzene
Concen: 48.382 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019828.D
Acq: 10 Dec 2020 16:17

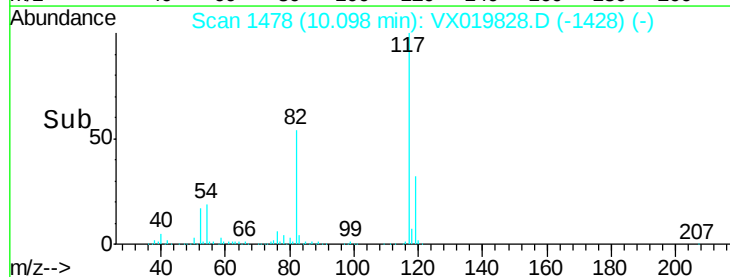
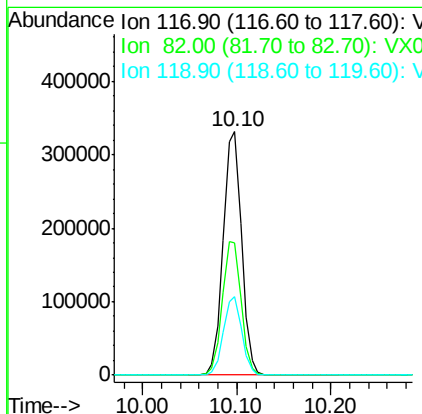
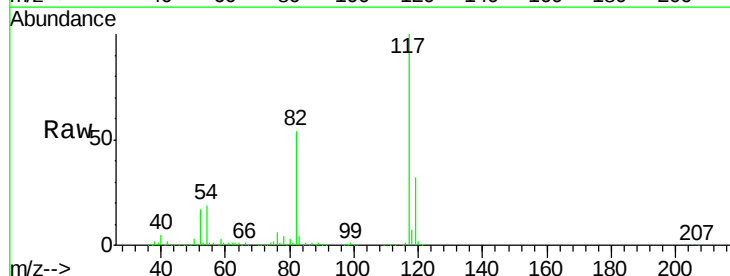
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201207

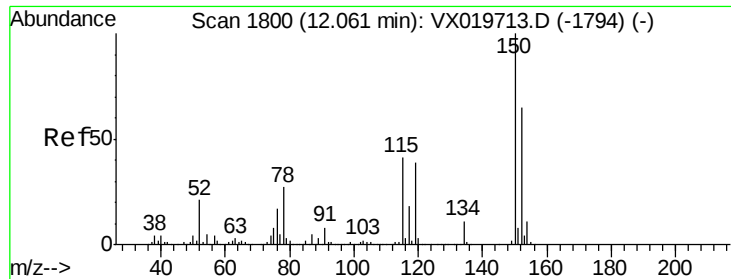
Tot Ion: 95 Resp: 217644
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 75.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019828.D
Acq: 10 Dec 2020 16:17

Tgt Ion: 117 Resp: 450515
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 32.4 26.6 39.8

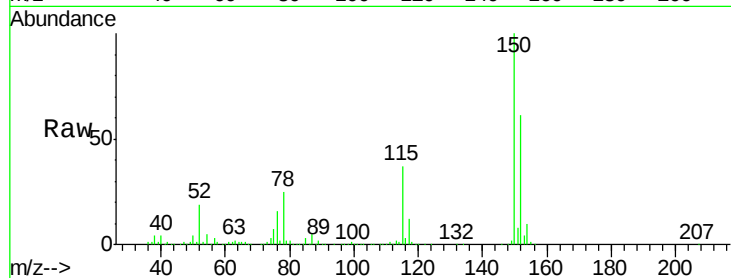




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VX019828.D
 Acq: 10 Dec 2020 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20201207

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.5	41.1	123.3
150	158.6	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

