

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017988.D
 Acq On : 19 Aug 2020 16:27
 Operator : JC/SP
 Sample : L3721-01 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I-OC-6

Quant Time: Aug 20 05:16:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	458340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	709257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	685303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	338316	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	306604	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
35) Dibromofluoromethane	5.46	113	248765	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
50) Toluene-d8	8.70	98	864414	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
62) 4-Bromofluorobenzene	11.12	95	325810	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	

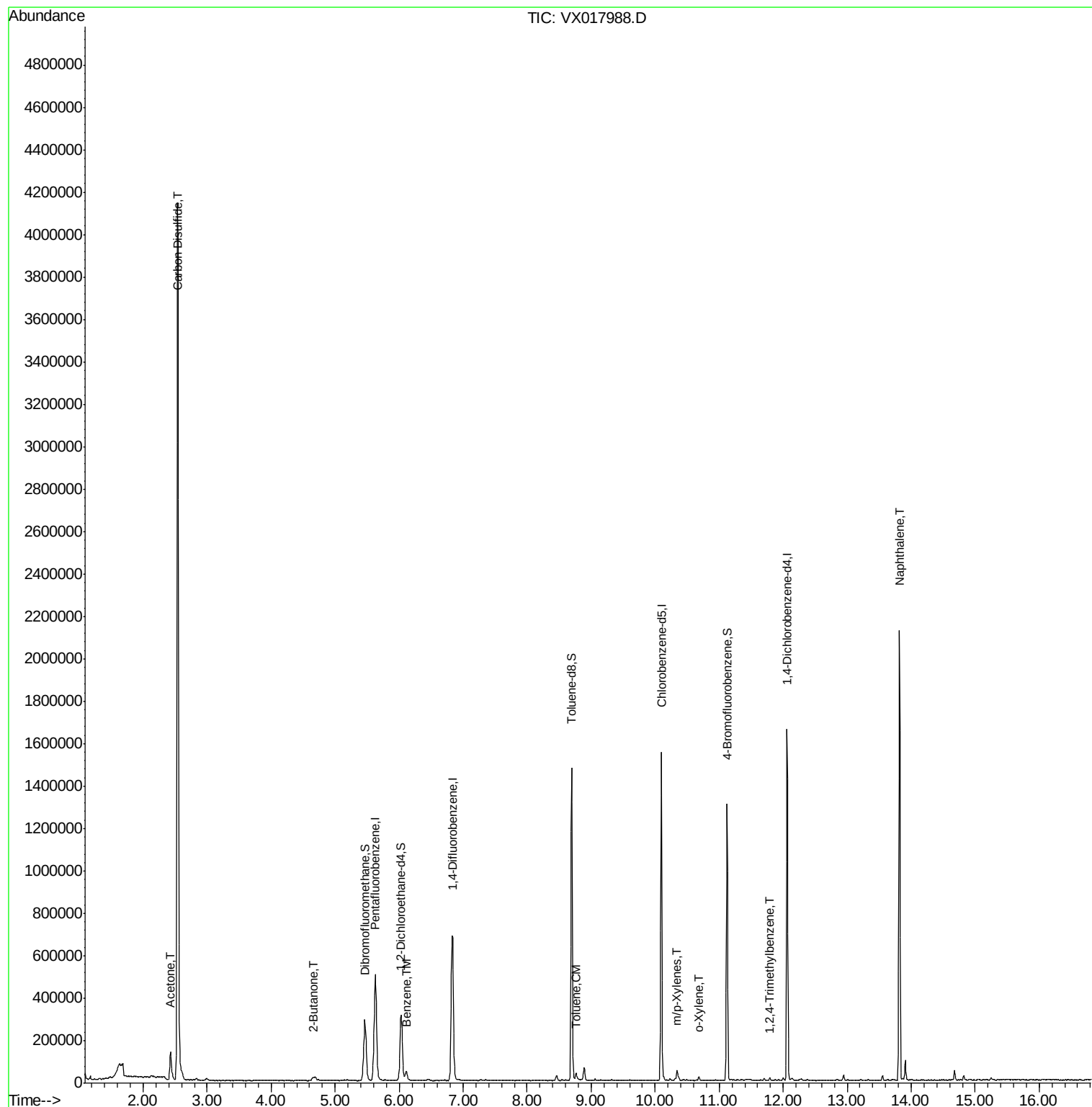
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	142574	53.938	ug/l	95
17) Carbon Disulfide	2.54	76	5194128	518.189	ug/l	100
25) 2-Butanone	4.65	43	19843	4.959	ug/l	97
40) Benzene	6.11	78	48260	2.699	ug/l	100
52) Toluene	8.77	92	11723	1.002	ug/l	91
68) m/p-Xylenes	10.34	106	8515	0.986	ug/l	95
69) o-Xylene	10.68	106	3460	0.416	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	4920	0.249	ug/l	98
95) Naphthalene	13.82	128	1207125	57.266	ug/l	100

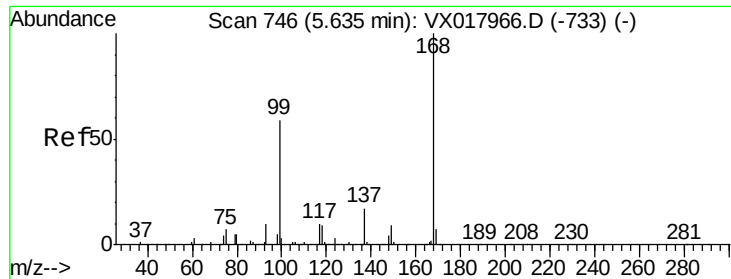
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 20 05:16:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 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: VX017988.D

Acq: 19 Aug 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

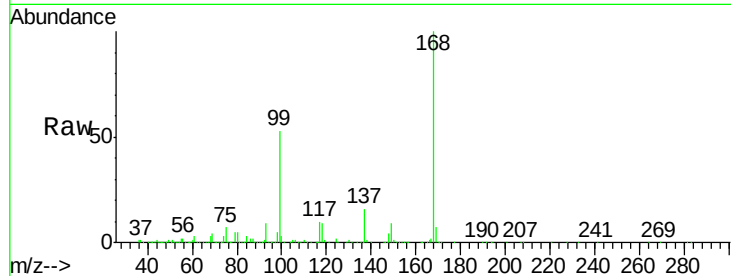
I-OC-6

Tot Ion:168 Resp: 458340

Ion Ratio Lower Upper

168 100

99 52.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

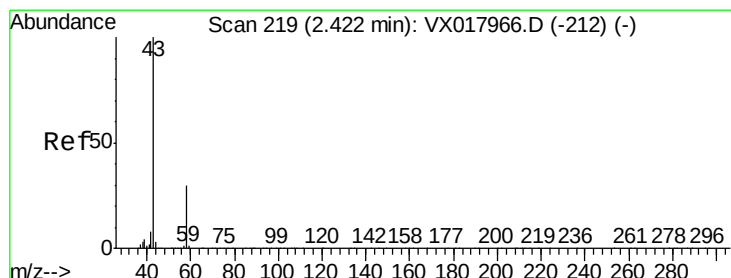
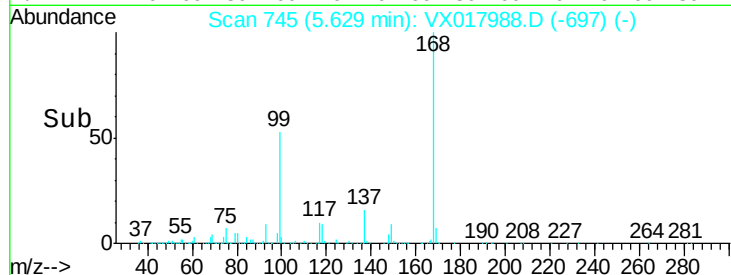
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 53.938 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX017988.D

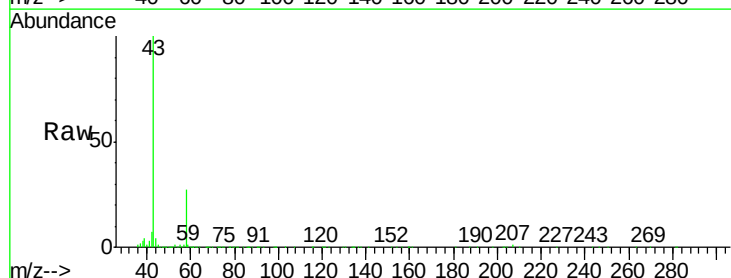
Acq: 19 Aug 2020 16:27

Tgt Ion: 43 Resp: 142574

Ion Ratio Lower Upper

43 100

58 27.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

100000

80000

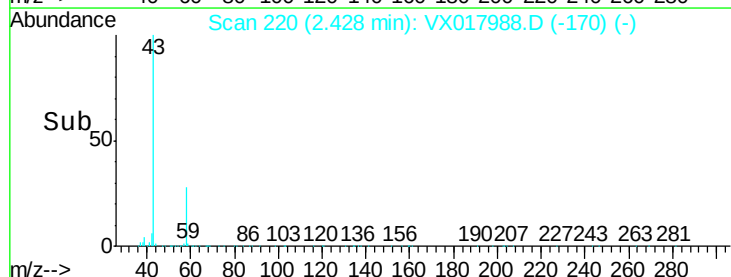
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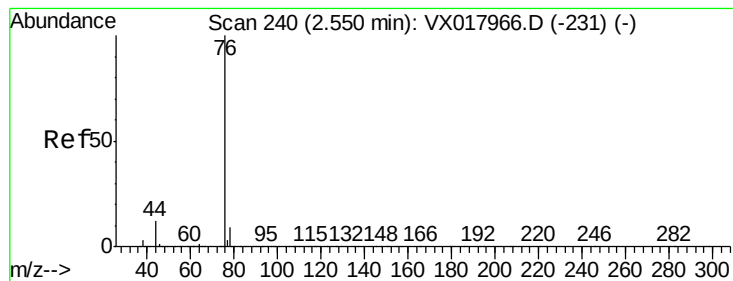
40000

20000

0

Time-->





#17

Carbon Disulfide

Concen: 518.189 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX017988.D

Acq: 19 Aug 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

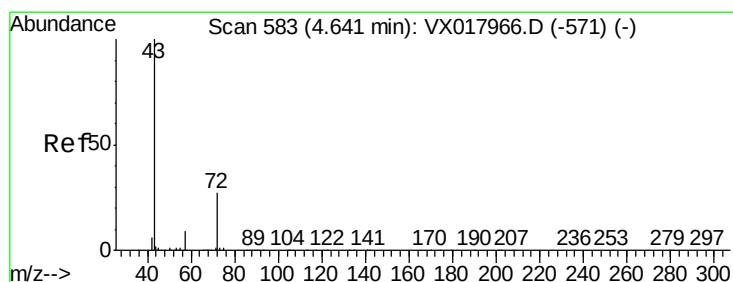
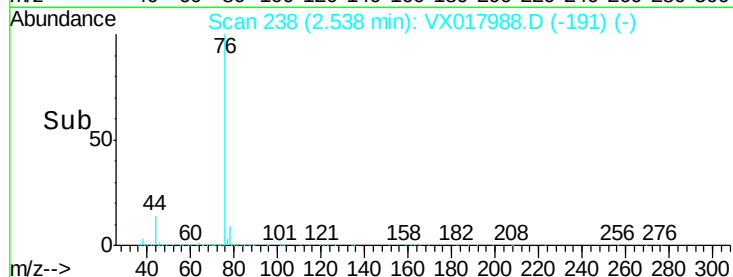
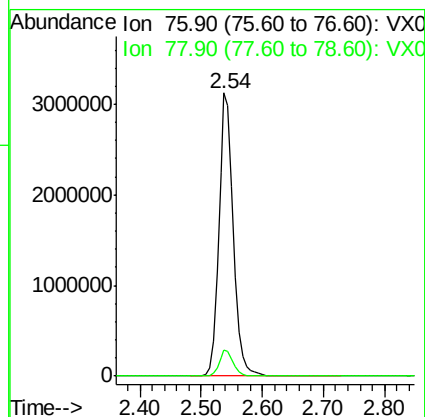
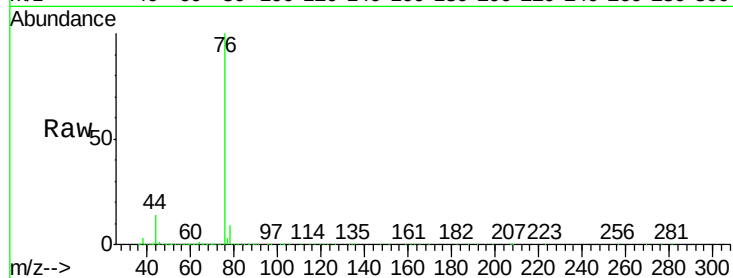
I-OC-6

Tot Ion: 76 Resp: 5194128

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#25

2-Butanone

Concen: 4.959 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.01 min

Lab File: VX017988.D

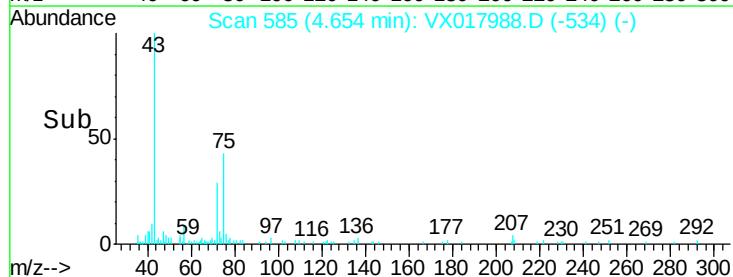
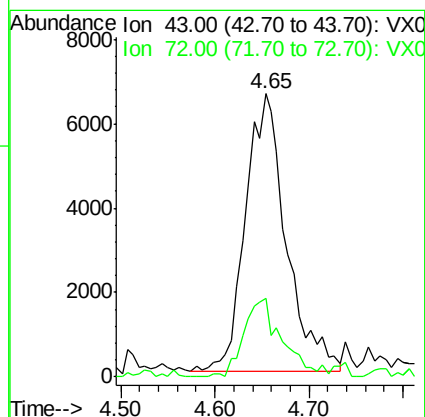
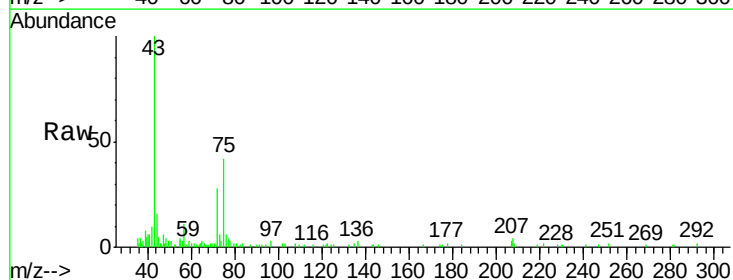
Acq: 19 Aug 2020 16:27

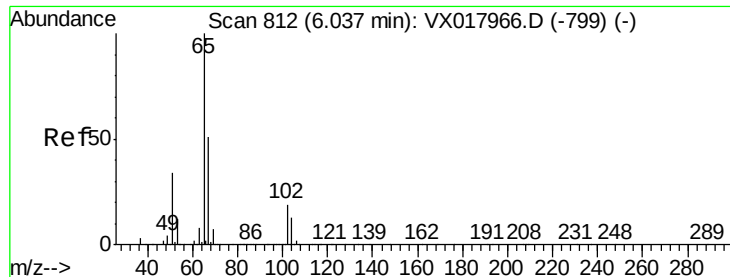
Tgt Ion: 43 Resp: 19843

Ion Ratio Lower Upper

43 100

72 28.5 21.4 32.2

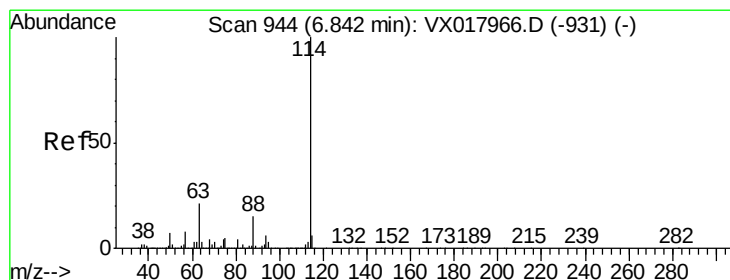
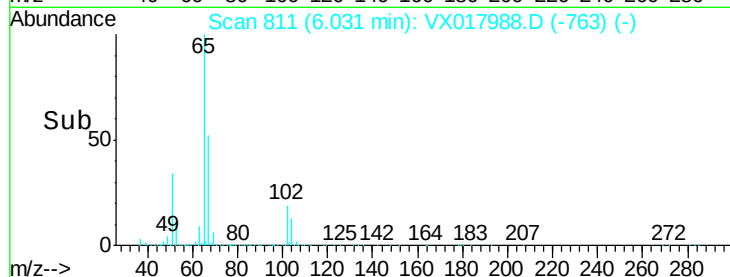
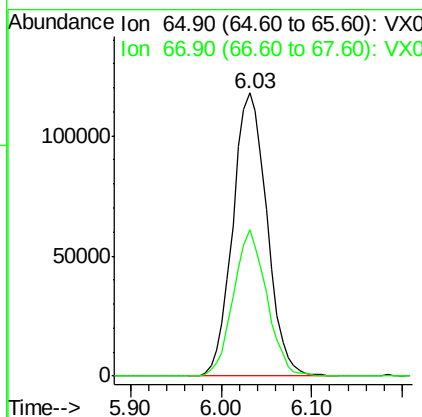
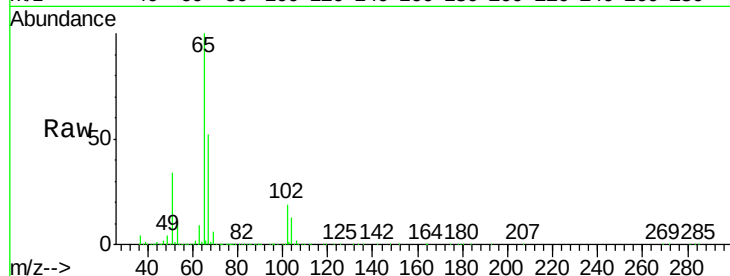




#33
 1,2-Dichloroethane-d4
 Concen: 45.633 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX017988.D
 Acq: 19 Aug 2020 16:27

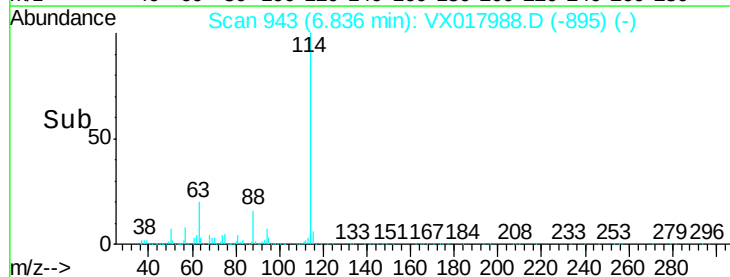
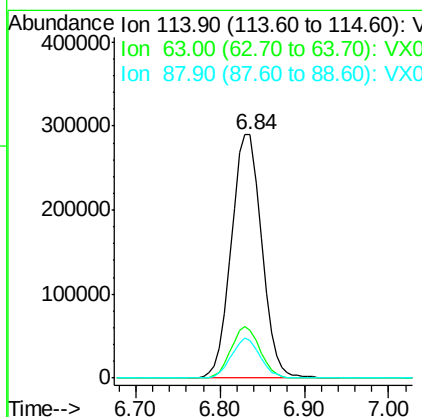
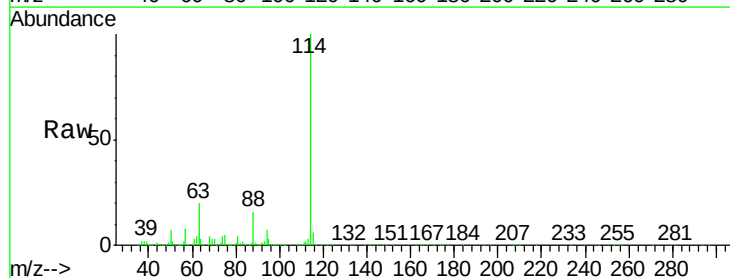
Instrument :
 MSVOA_X
 ClientSampled :
 I-OC-6

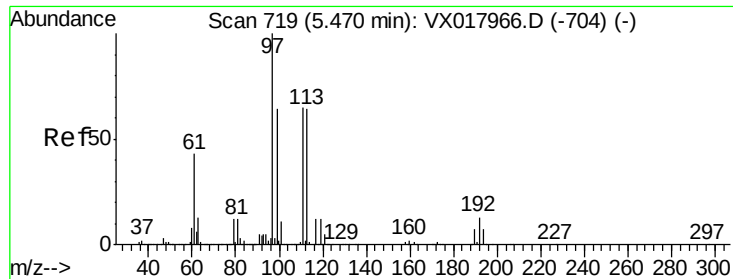
Tot Ion: 65 Resp: 306604
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: VX017988.D
 Acq: 19 Aug 2020 16:27

Tgt Ion: 114 Resp: 709257
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.6
 88 15.5 0.0 30.2

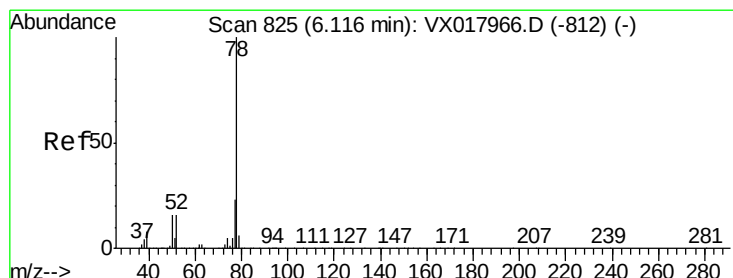
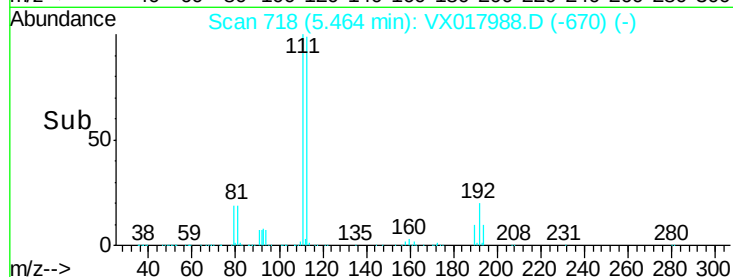
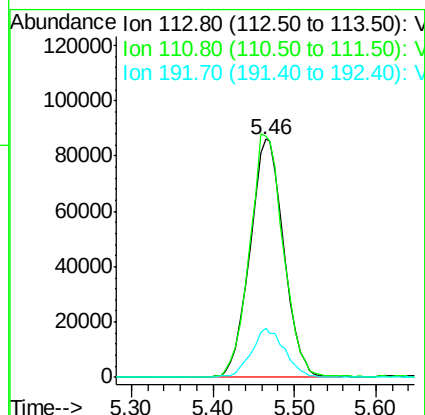
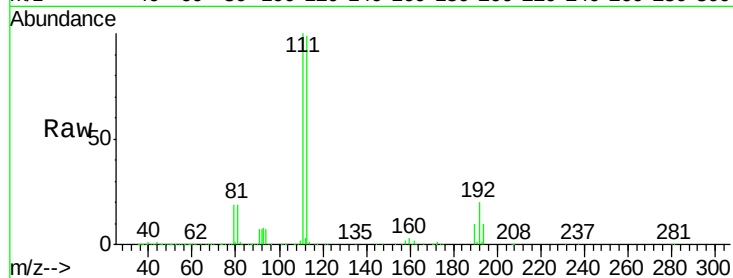




#35
Dibromofluoromethane
Concen: 47.099 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017988.D
Acq: 19 Aug 2020 16:27

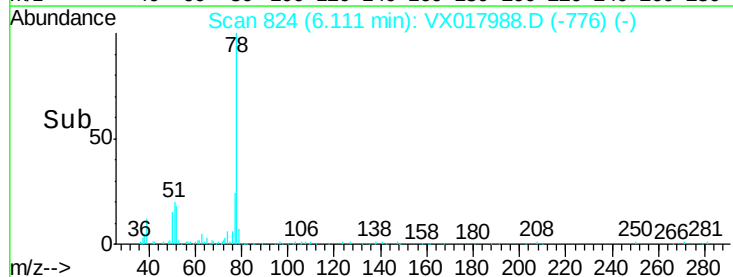
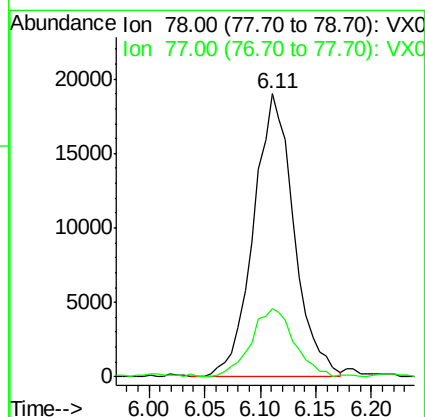
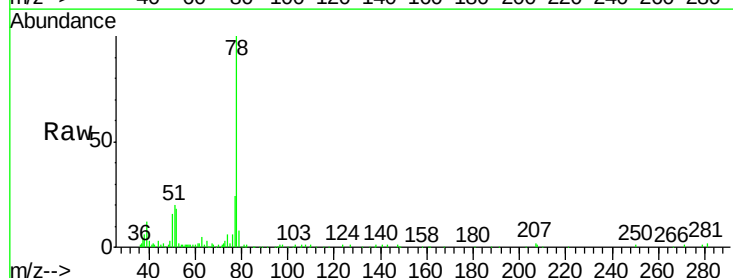
Instrument :
MSVOA_X
ClientSampleId :
I-OC-6

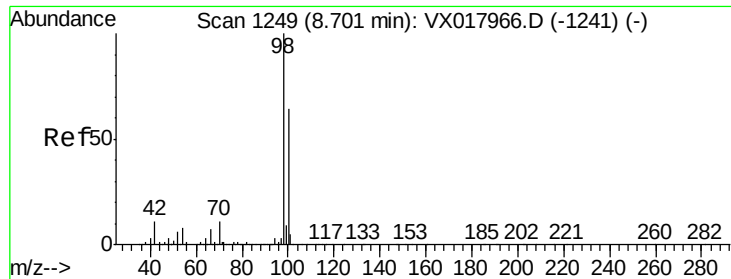
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.5	125.3
192	20.1	16.2	24.4



#40
Benzene
Concen: 2.699 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017988.D
Acq: 19 Aug 2020 16:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2

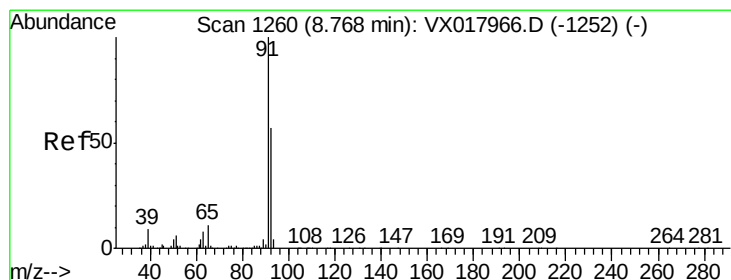
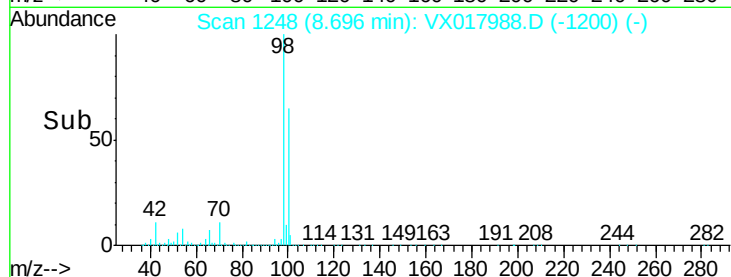
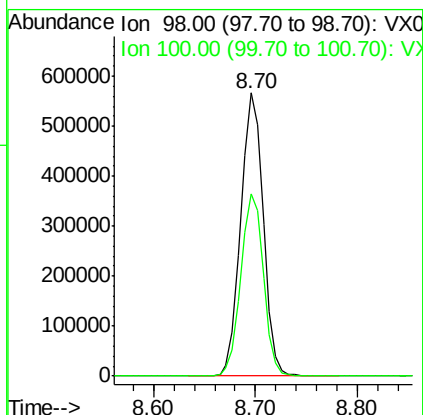
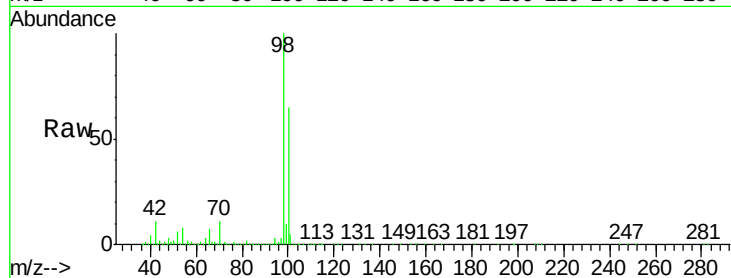




#50
Toluene-d8
Concen: 46.300 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017988.D
Acq: 19 Aug 2020 16:27

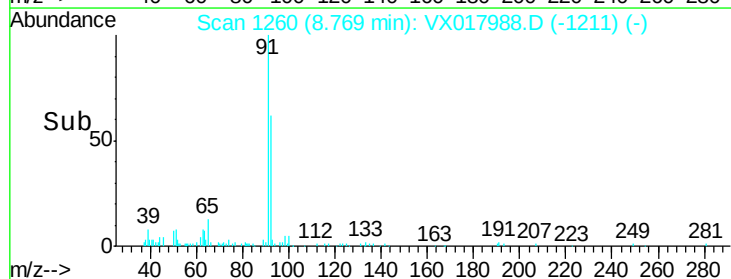
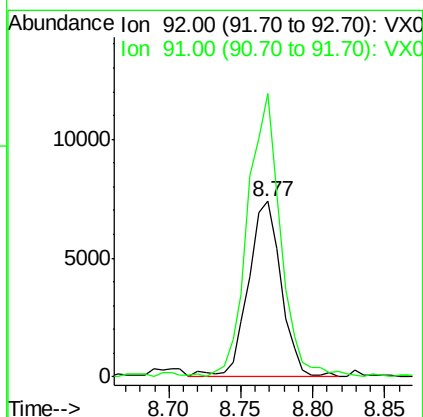
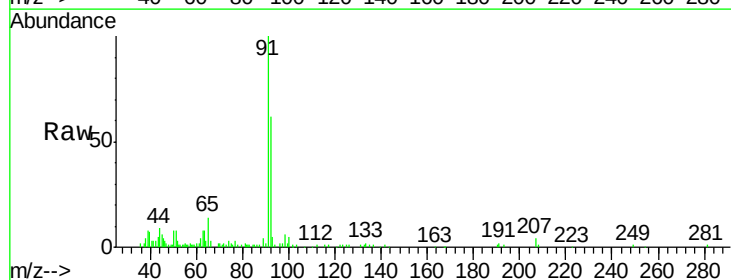
Instrument :
MSVOA_X
ClientSampled :
I-OC-6

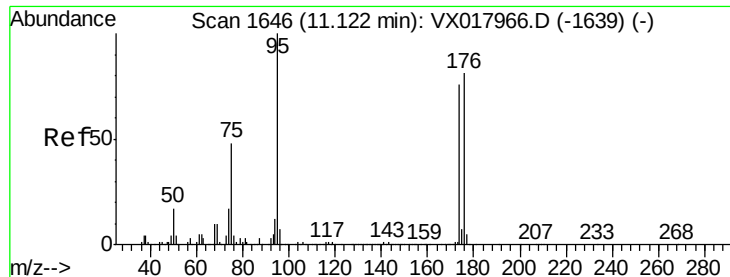
Tot Ion: 98 Resp: 864414
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2



#52
Toluene
Concen: 1.002 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX017988.D
Acq: 19 Aug 2020 16:27

Tgt Ion: 92 Resp: 11723
Ion Ratio Lower Upper
92 100
91 160.0 138.4 207.6





#62

4-Bromofluorobenzene

Concen: 47.250 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017988.D

Acq: 19 Aug 2020 16:27

Instrument :

MSVOA_X

ClientSampleId :

I-OC-6

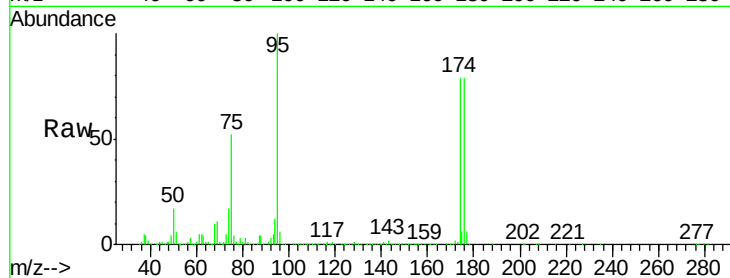
Tot Ion: 95 Resp: 325810

Ion Ratio Lower Upper

95 100

174 81.6 0.0 166.0

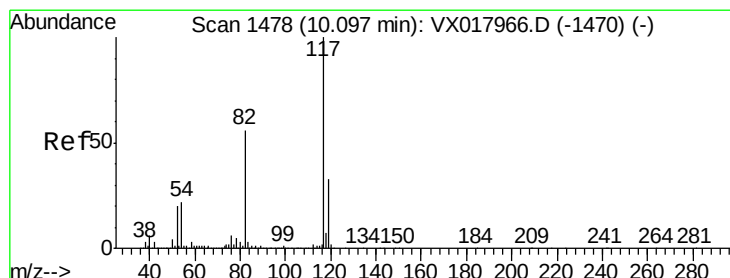
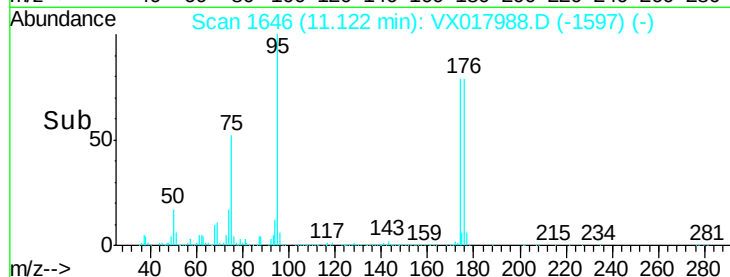
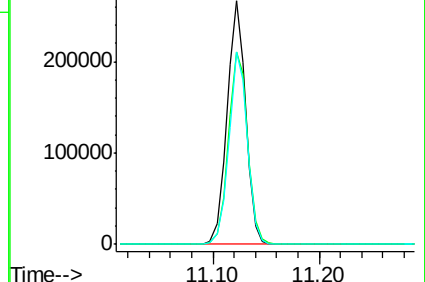
176 78.2 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017966.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017966.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017966.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017988.D

Acq: 19 Aug 2020 16:27

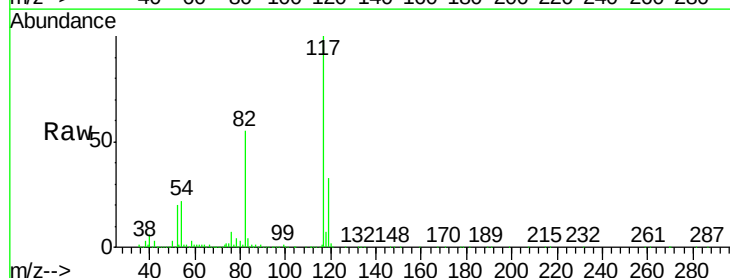
Tgt Ion: 117 Resp: 685303

Ion Ratio Lower Upper

117 100

82 55.3 44.6 66.8

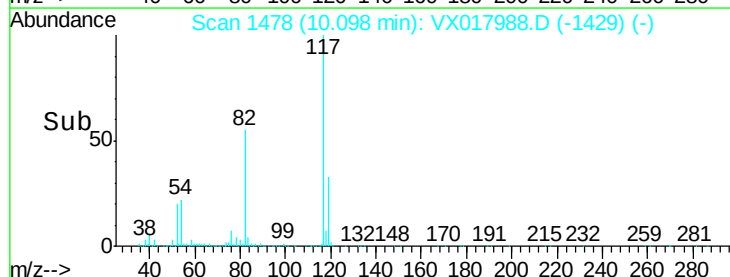
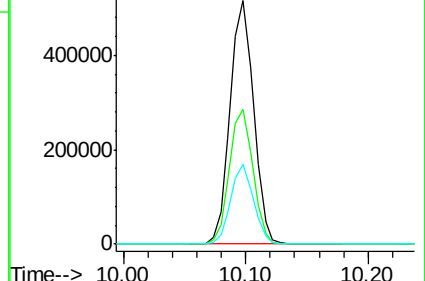
119 32.9 26.2 39.4

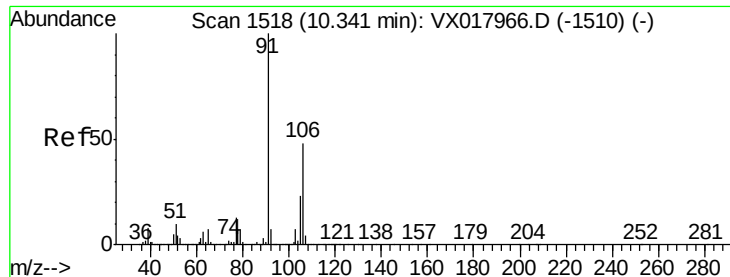


Abundance Ion 116.90 (116.60 to 117.60): VX017966.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX017966.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX017966.D (-1470) (-)

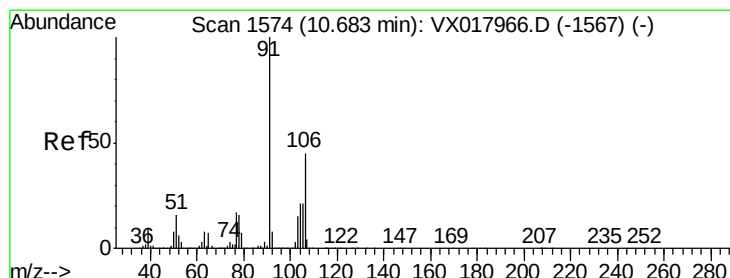
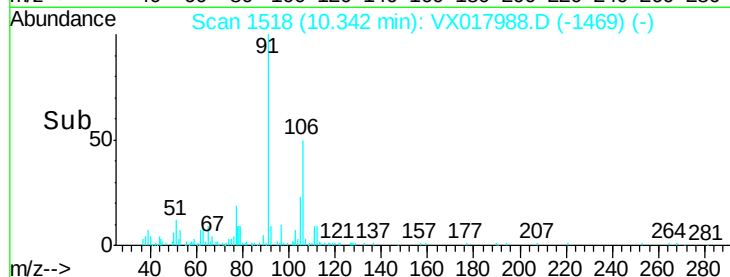
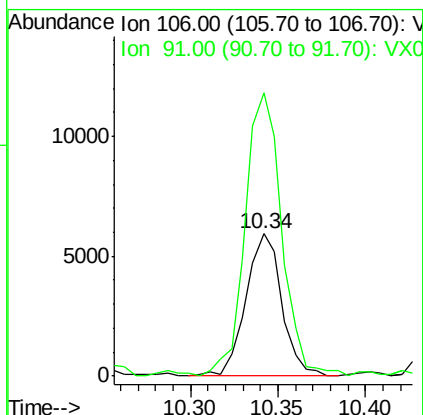
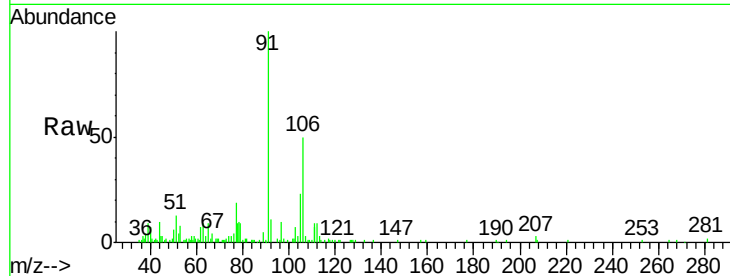




#68
m/p-Xylenes
Concen: 0.986 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017988.D
Acq: 19 Aug 2020 16:27

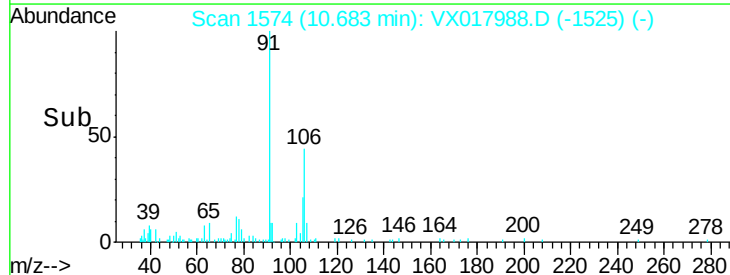
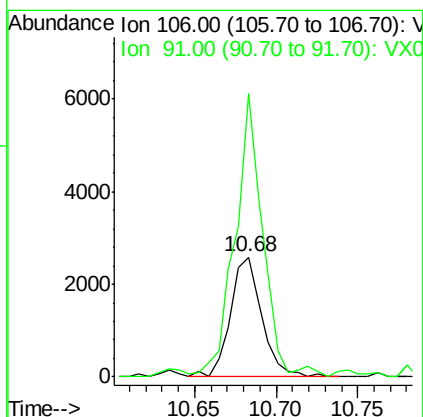
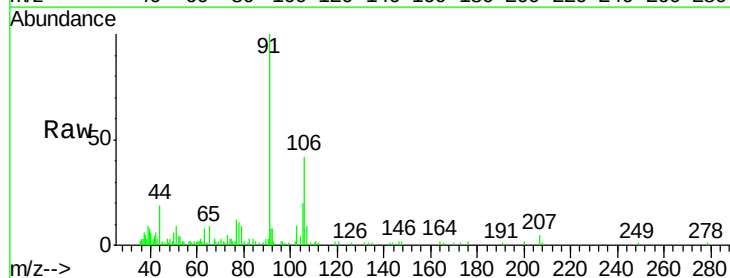
Instrument :
MSVOA_X
ClientSampleId :
I-OC-6

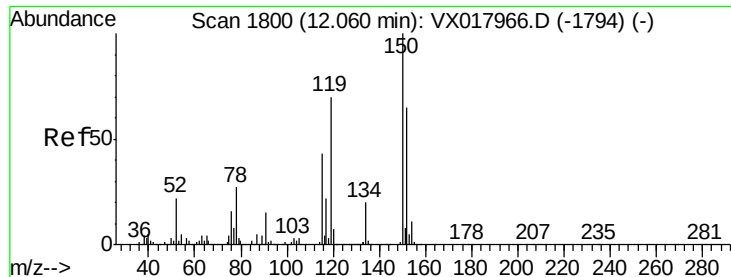
Tot Ion:106 Resp: 8515
Ion Ratio Lower Upper
106 100
91 201.9 167.4 251.2



#69
o-Xylene
Concen: 0.416 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017988.D
Acq: 19 Aug 2020 16:27

Tgt Ion:106 Resp: 3460
Ion Ratio Lower Upper
106 100
91 206.4 108.1 324.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017988.D

Acq: 19 Aug 2020 16:27

Instrument :

MSVOA_X

ClientSampled :

I-OC-6

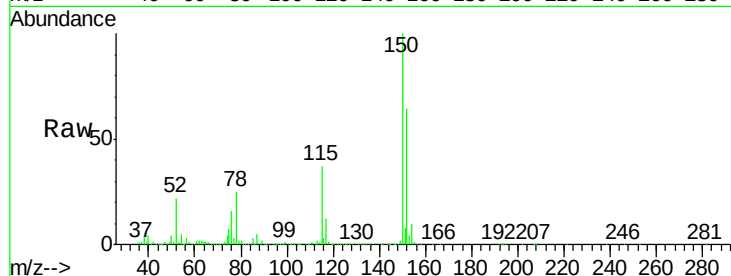
Tot Ion:152 Resp: 338316

Ion Ratio Lower Upper

152 100

115 57.6 40.6 121.7

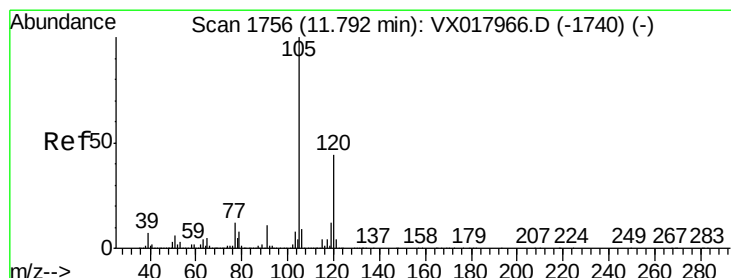
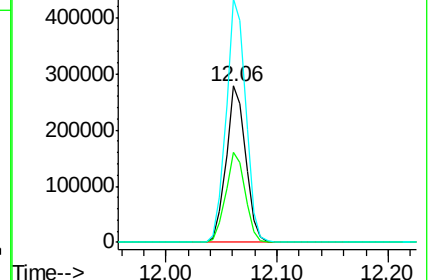
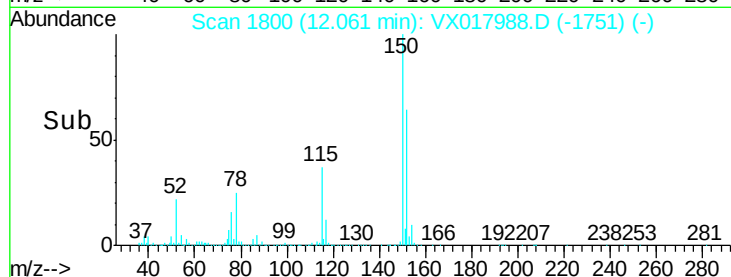
150 155.7 0.0 346.4



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



#84

1,2,4-Trimethylbenzene

Concen: 0.249 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017988.D

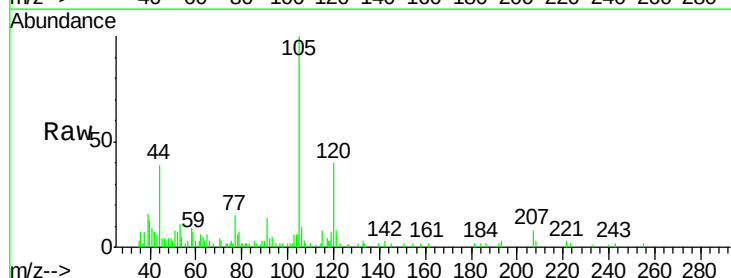
Acq: 19 Aug 2020 16:27

Tgt Ion:105 Resp: 4920

Ion Ratio Lower Upper

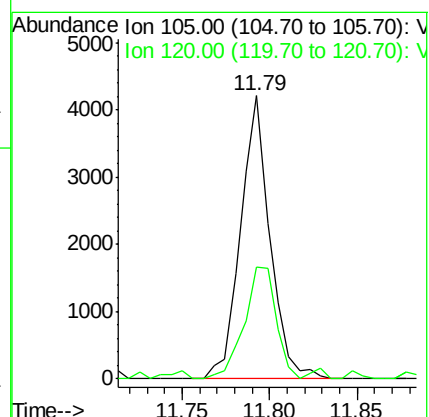
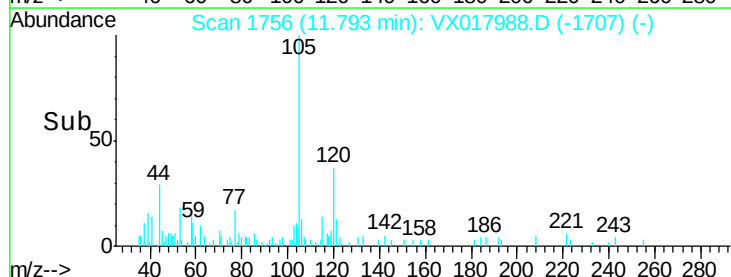
105 100

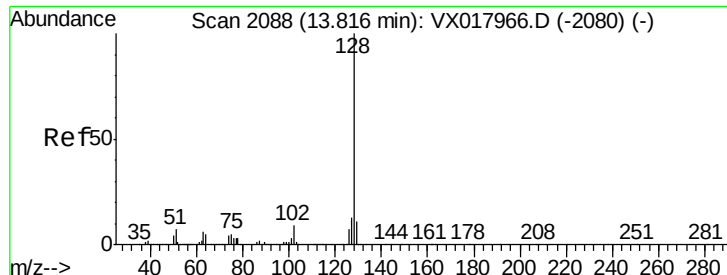
120 42.9 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 57.266 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017988.D

Acq: 19 Aug 2020 16:27

Instrument :

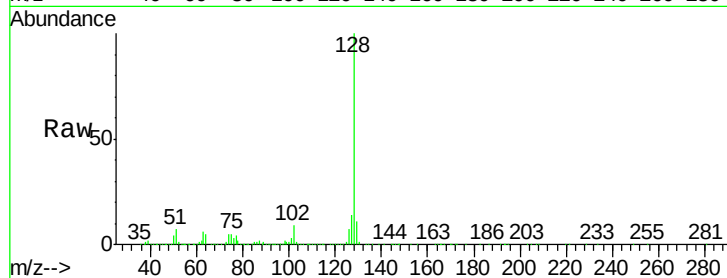
MSVOA_X

ClientSampleId :

I-OC-6

Tot Ion:128 Resp: 1207125

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

