

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017989.D
 Acq On : 19 Aug 2020 16:50
 Operator : JC/SP
 Sample : L3721-02 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I-LDC-6

Quant Time: Aug 20 05:18:34 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	446203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	694665	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	664501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	301932	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	306931	46.92	ug/l	0.00
Spiked Amount						
			Recovery	=	93.84%	
35) Dibromofluoromethane	5.46	113	242347	46.85	ug/l	0.00
Spiked Amount						
			Recovery	=	93.70%	
50) Toluene-d8	8.70	98	844650	46.19	ug/l	0.00
Spiked Amount						
			Recovery	=	92.38%	
62) 4-Bromofluorobenzene	11.12	95	289772	42.91	ug/l	0.00
Spiked Amount						
			Recovery	=	85.82%	

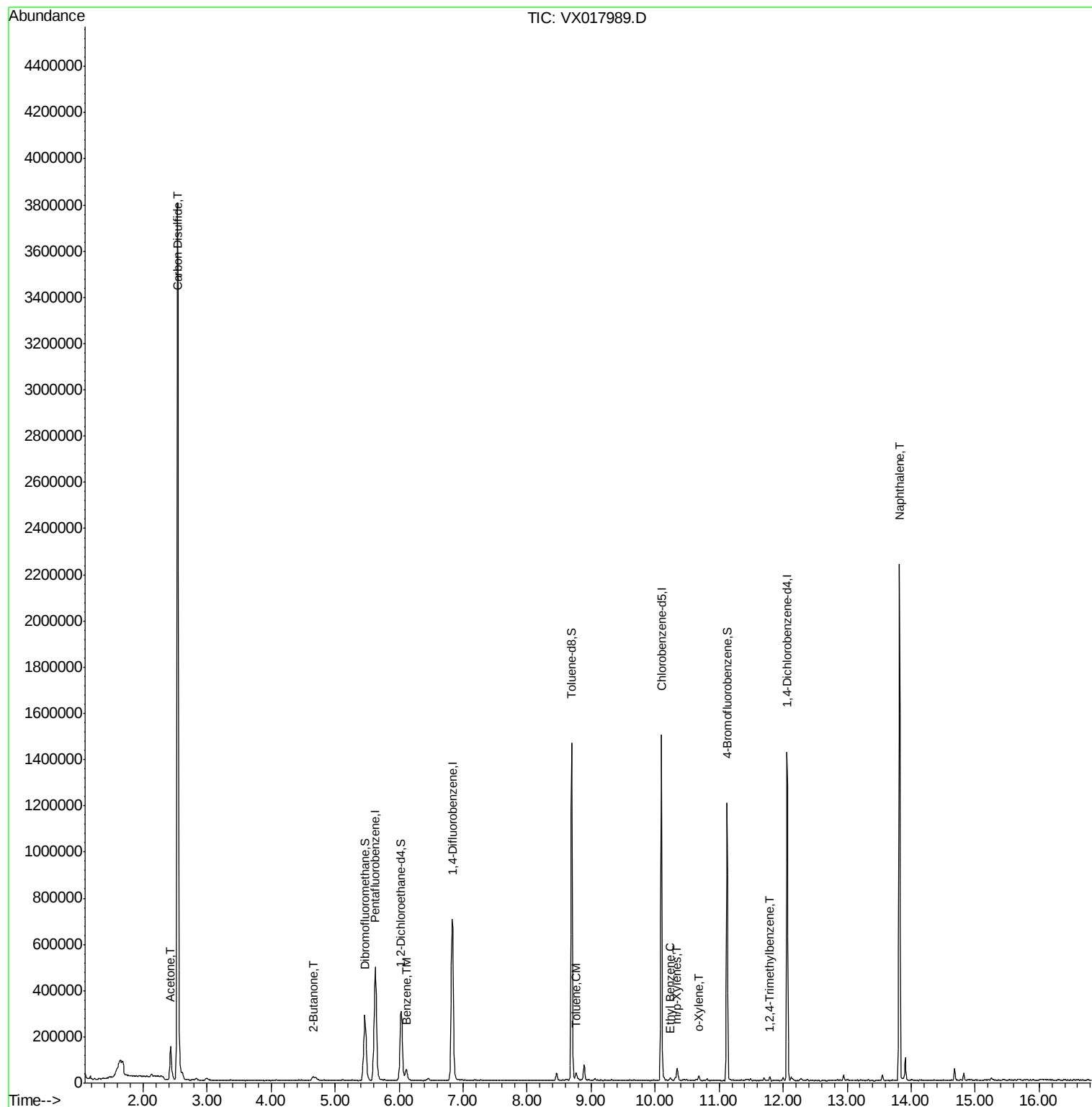
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	154747	60.136	ug/l	95
17) Carbon Disulfide	2.54	76	4702496	481.903	ug/l	99
25) 2-Butanone	4.65	43	23054	5.918	ug/l	99
40) Benzene	6.11	78	57012	3.256	ug/l	99
52) Toluene	8.76	92	11492	1.003	ug/l	96
67) Ethyl Benzene	10.23	91	5124	0.236	ug/l #	82
68) m/p-Xylenes	10.34	106	9924	1.185	ug/l	96
69) o-Xylene	10.68	106	4413	0.547	ug/l	85
84) 1,2,4-Trimethylbenzene	11.79	105	7117	0.403	ug/l	92
95) Naphthalene	13.82	128	1249640	66.426	ug/l	99

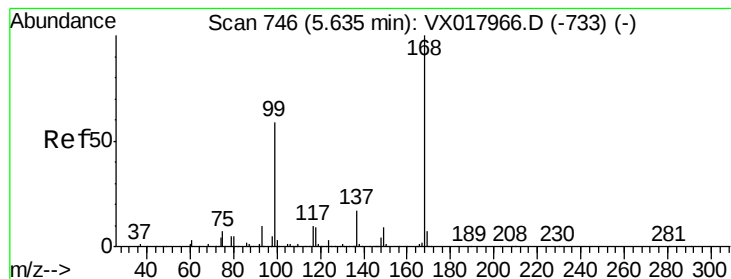
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX017989.D

Acq: 19 Aug 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

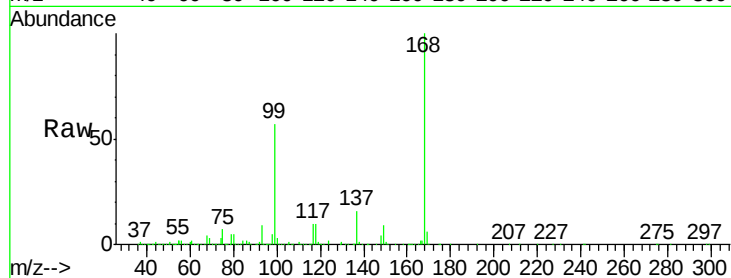
I-LDC-6

Tot Ion:168 Resp: 446203

Ion Ratio Lower Upper

168 100

99 56.9 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

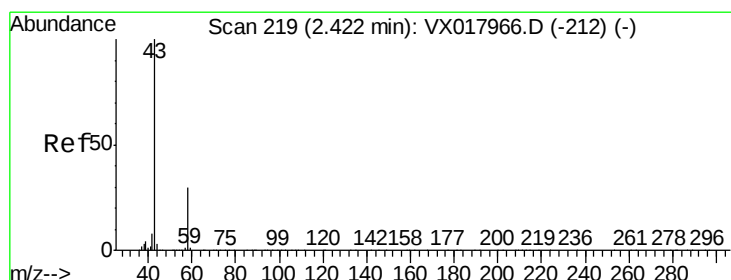
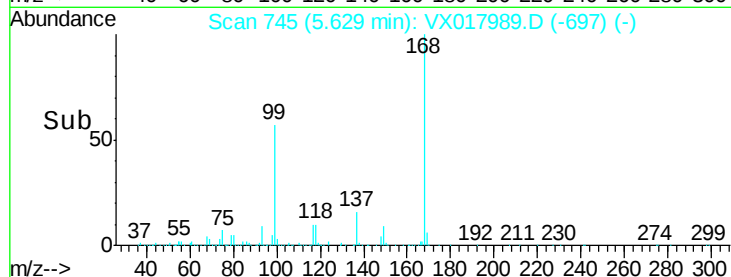
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 60.136 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX017989.D

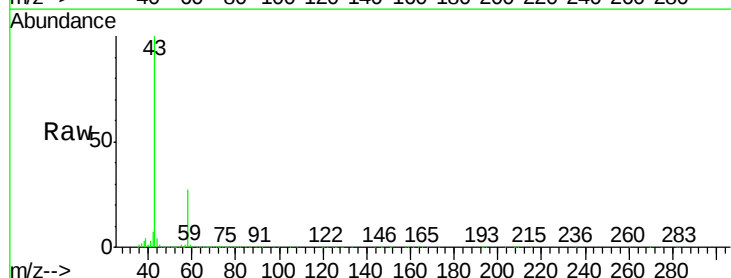
Acq: 19 Aug 2020 16:50

Tgt Ion: 43 Resp: 154747

Ion Ratio Lower Upper

43 100

58 27.3 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

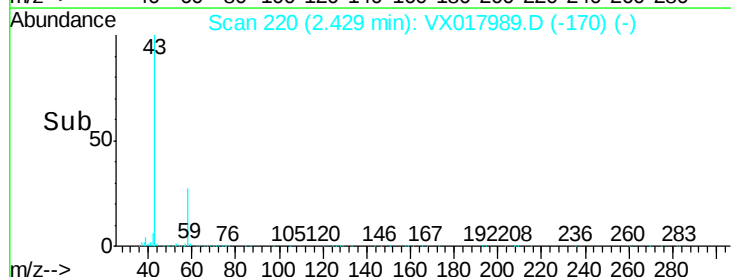
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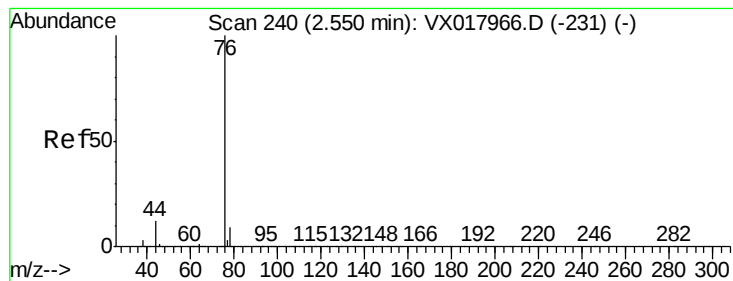
40000

20000

0

Time-->





#17

Carbon Disulfide

Concen: 481.903 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX017989.D

Acq: 19 Aug 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

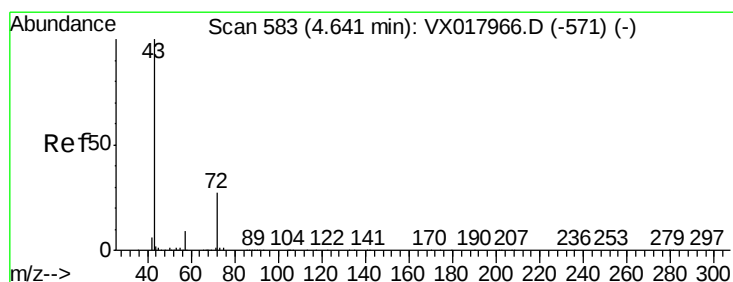
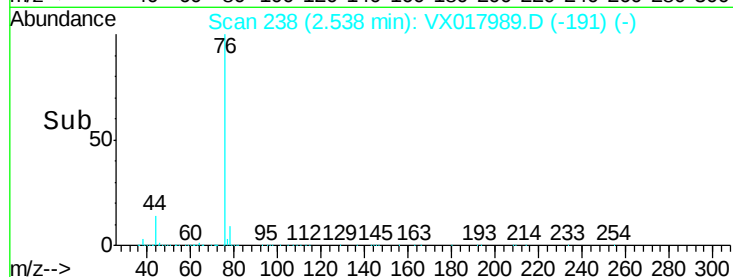
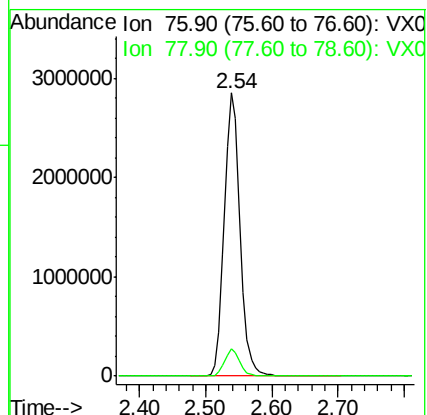
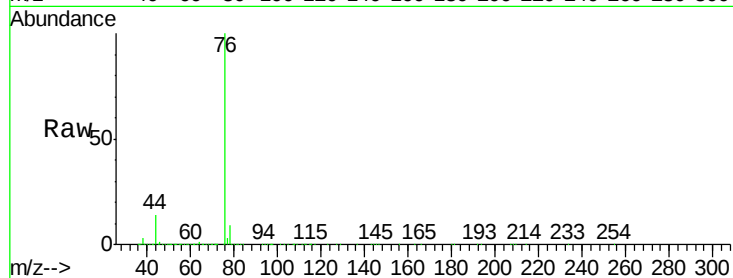
I-LDC-6

Tot Ion: 76 Resp: 4702496

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



#25

2-Butanone

Concen: 5.918 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.01 min

Lab File: VX017989.D

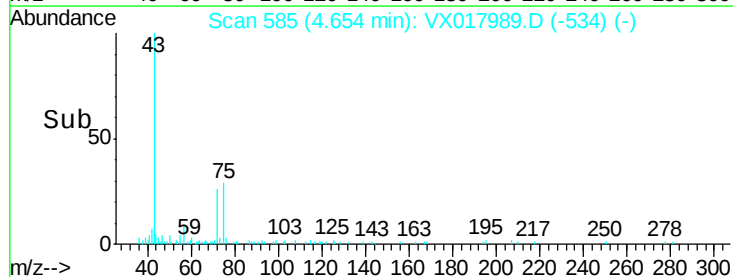
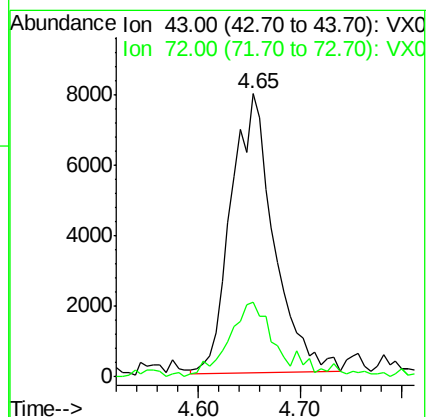
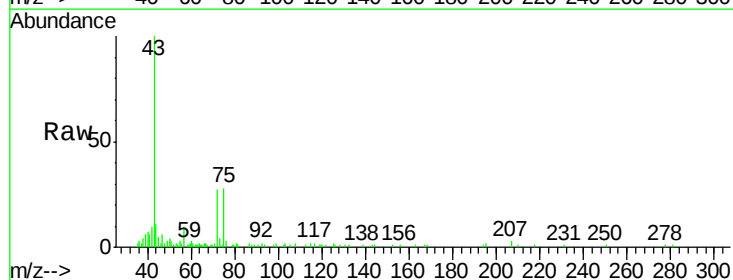
Acq: 19 Aug 2020 16:50

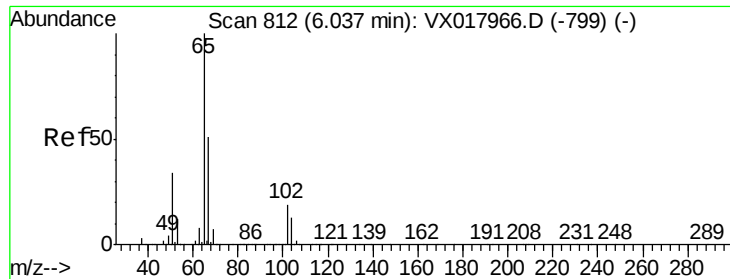
Tgt Ion: 43 Resp: 23054

Ion Ratio Lower Upper

43 100

72 26.2 21.4 32.2





#33

1,2-Dichloroethane-d4

Concen: 46.924 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX017989.D

Acq: 19 Aug 2020 16:50

Instrument :

MSVOA_X

ClientSampled :

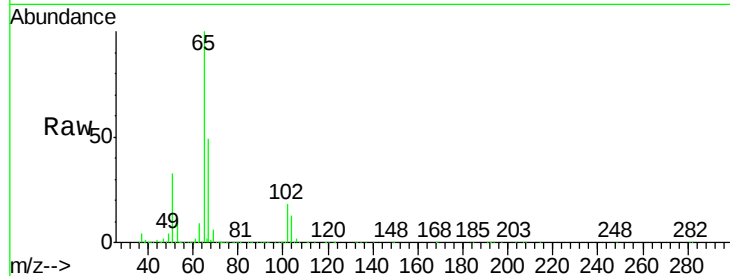
I-LDC-6

Tot Ion: 65 Resp: 306931

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

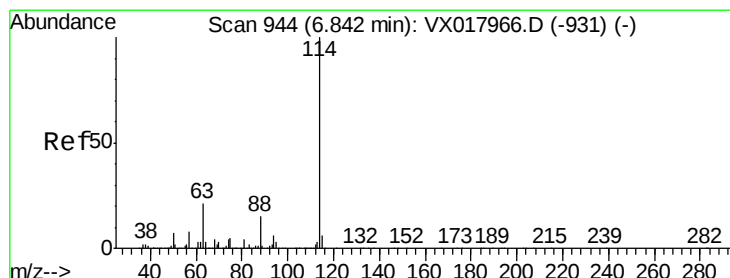
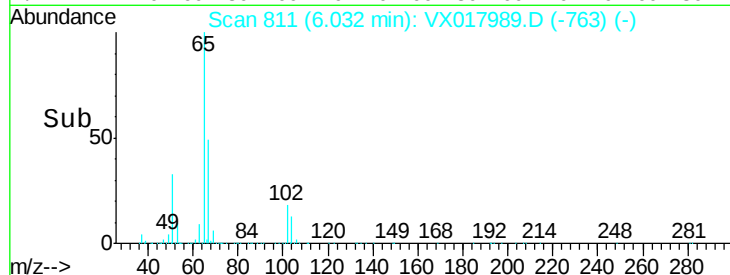
6.03

100000

50000

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: VX017989.D

Acq: 19 Aug 2020 16:50

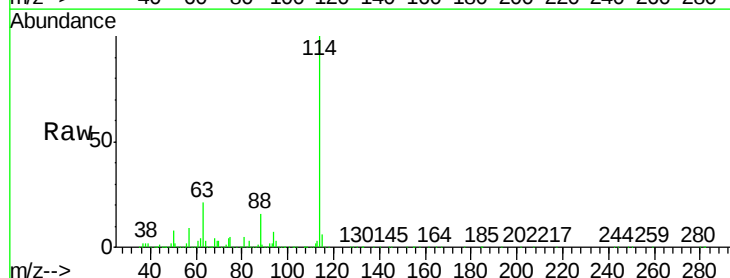
Tgt Ion: 114 Resp: 694665

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 16.1 0.0 30.2



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

6.83

400000

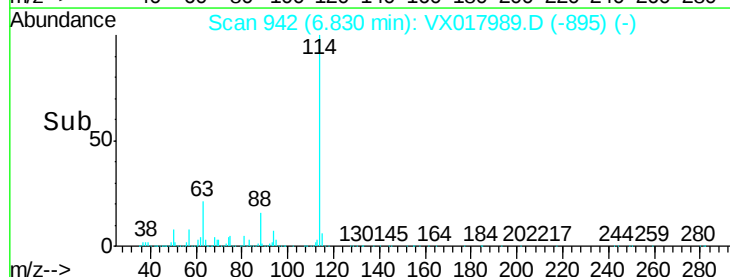
300000

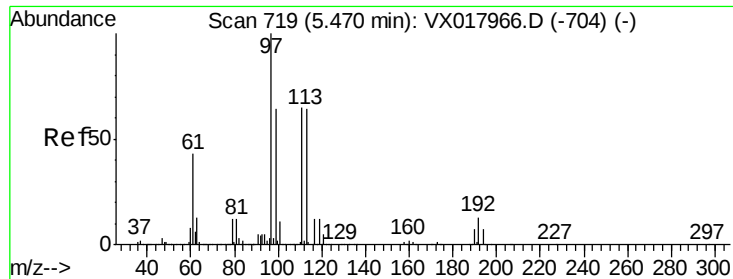
200000

100000

0

Time-->

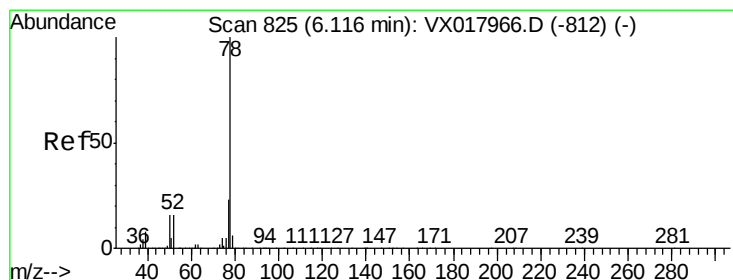
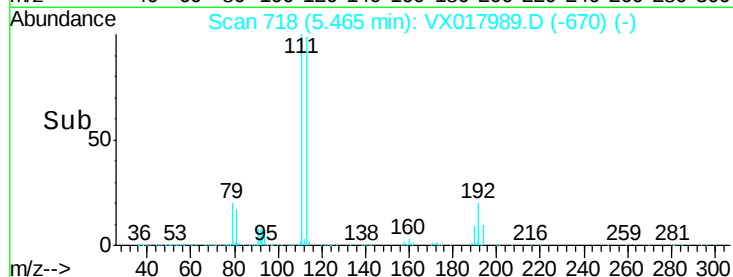
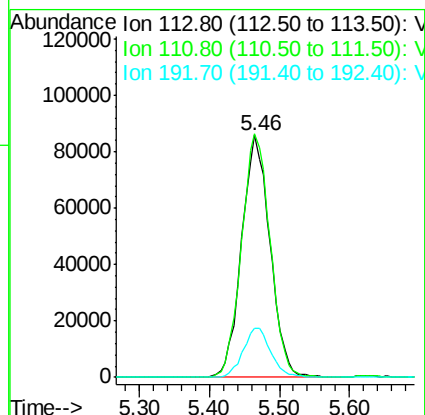
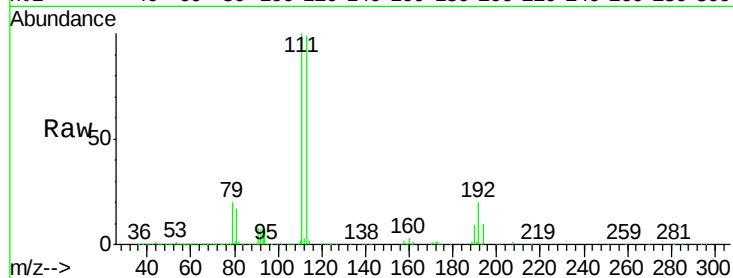




#35
 Dibromofluoromethane
 Concen: 46.848 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017989.D
 Acq: 19 Aug 2020 16:50

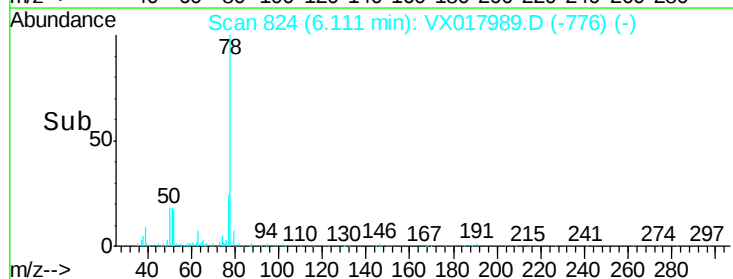
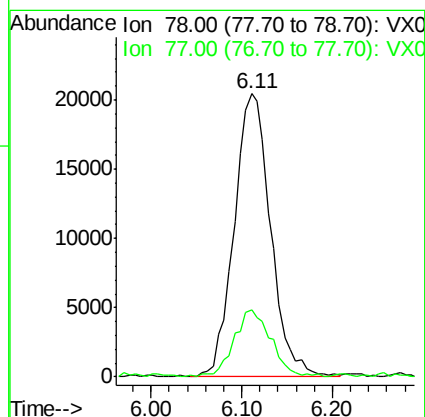
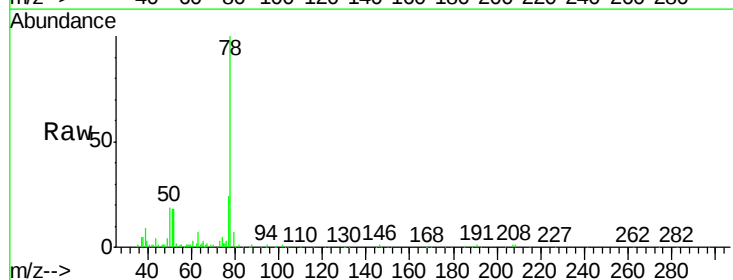
Instrument :
 MSVOA_X
 ClientSampleId :
 I-LDC-6

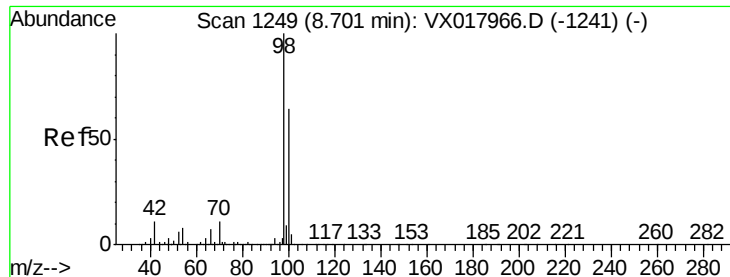
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.5	125.3
192	19.9	16.2	24.4



#40
 Benzene
 Concen: 3.256 ug/l
 RT: 6.11 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: VX017989.D
 Acq: 19 Aug 2020 16:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2

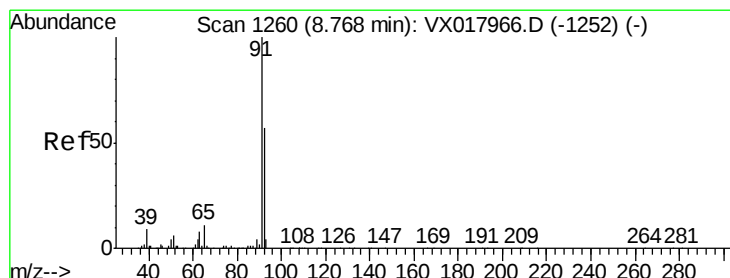
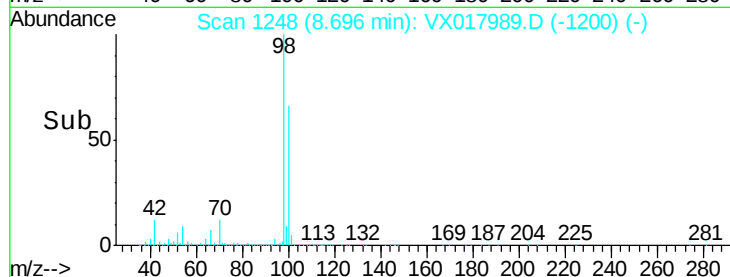
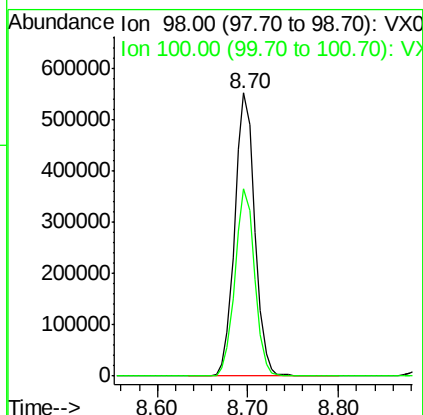
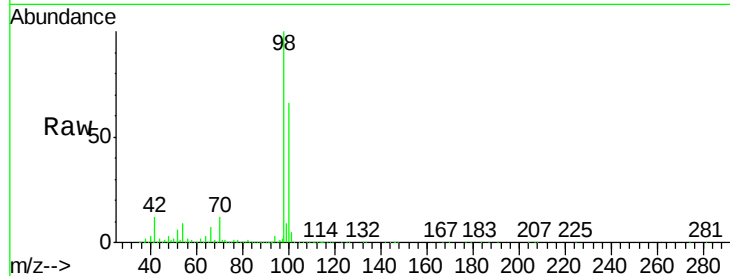




#50
Toluene-d8
Concen: 46.192 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017989.D
Acq: 19 Aug 2020 16:50

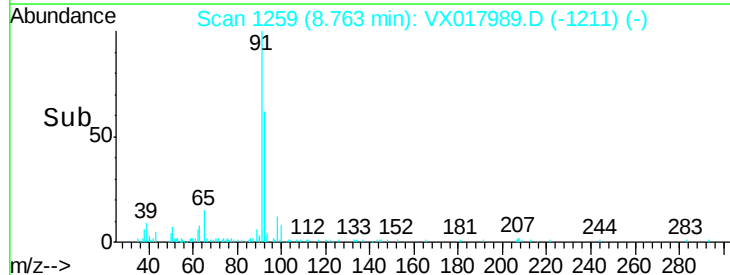
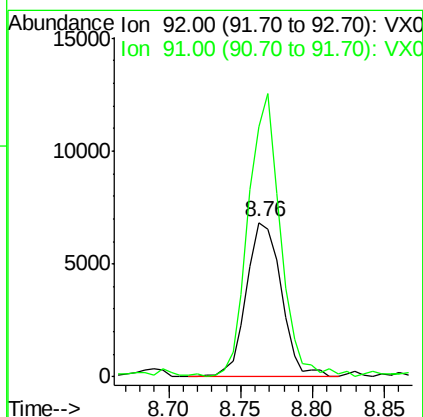
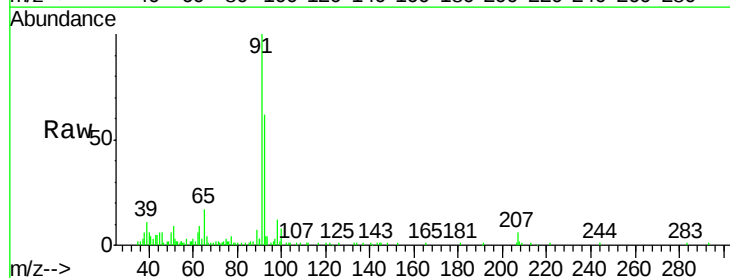
Instrument :
MSVOA_X
ClientSampleId :
I-LDC-6

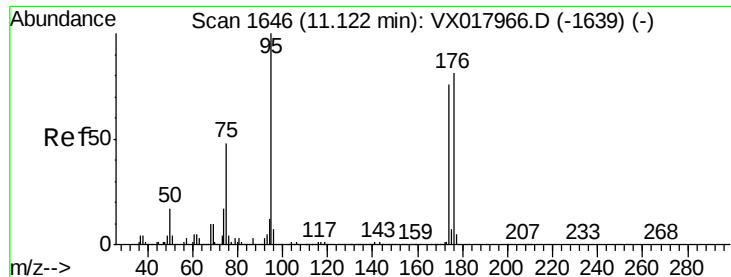
Tot Ion: 98 Resp: 844650
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.2



#52
Toluene
Concen: 1.003 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017989.D
Acq: 19 Aug 2020 16:50

Tgt Ion: 92 Resp: 11492
Ion Ratio Lower Upper
92 100
91 168.1 138.4 207.6

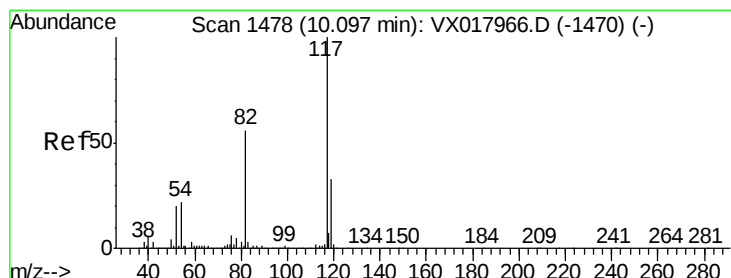
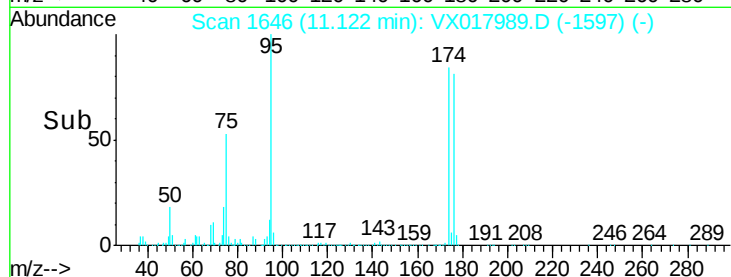
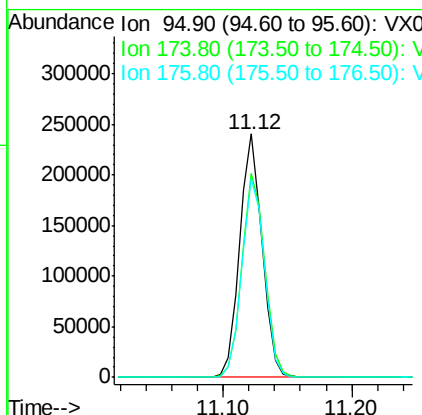
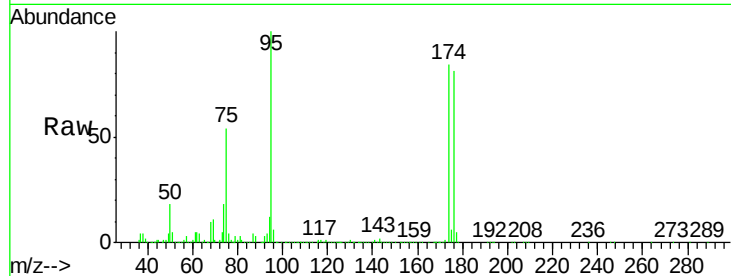




#62
4-Bromofluorobenzene
Concen: 42.906 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017989.D
Acq: 19 Aug 2020 16:50

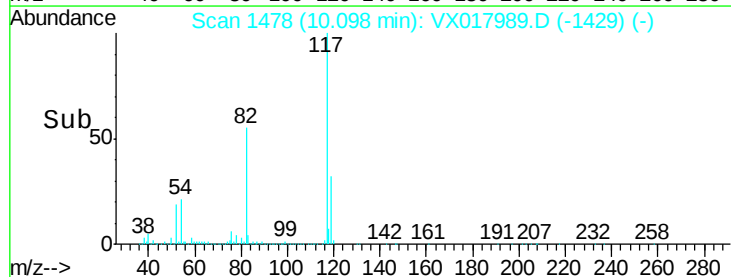
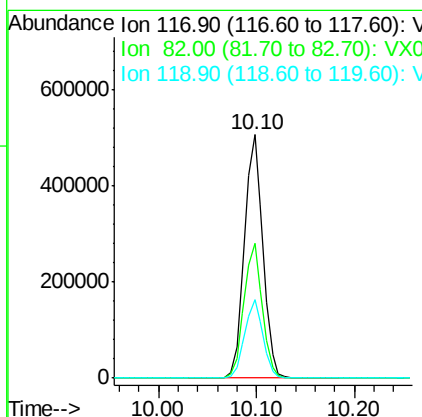
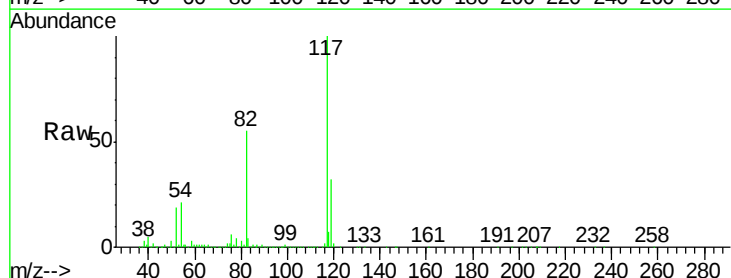
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MSVOA_X
ClientSampleId :
I-LDC-6

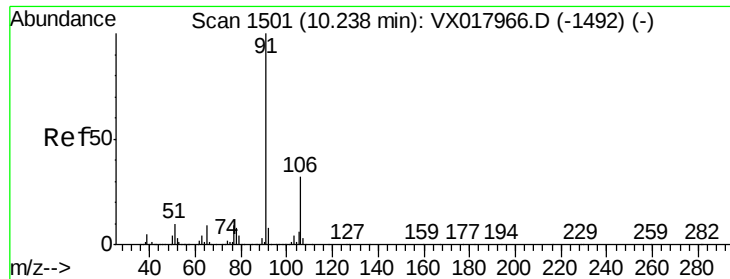
Tot Ion: 95 Resp: 289772
Ion Ratio Lower Upper
95 100
174 85.5 0.0 166.0
176 81.9 0.0 161.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017989.D
Acq: 19 Aug 2020 16:50

Tgt Ion: 117 Resp: 664501
Ion Ratio Lower Upper
117 100
82 55.3 44.6 66.8
119 32.5 26.2 39.4

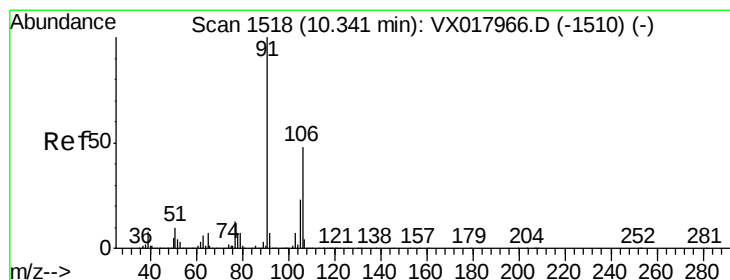
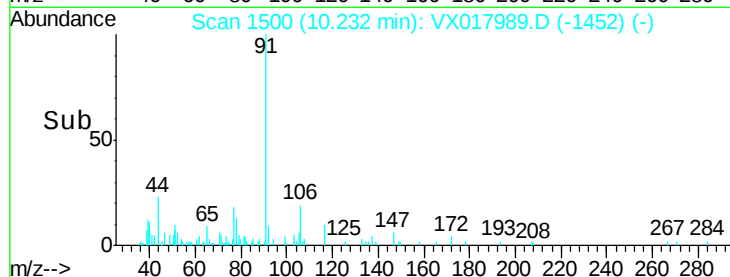
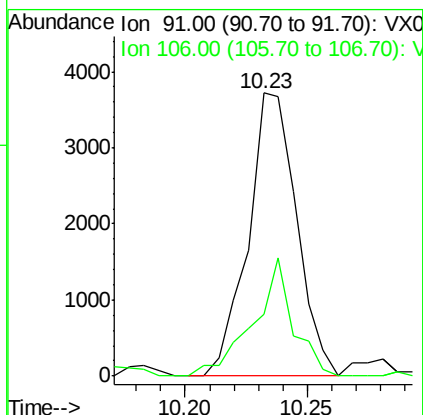
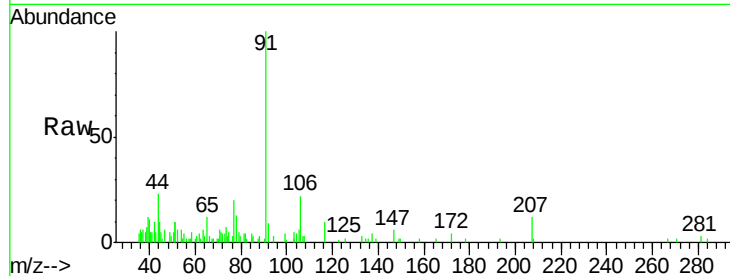




#67
Ethyl Benzene
Concen: 0.236 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017989.D
Acq: 19 Aug 2020 16:50

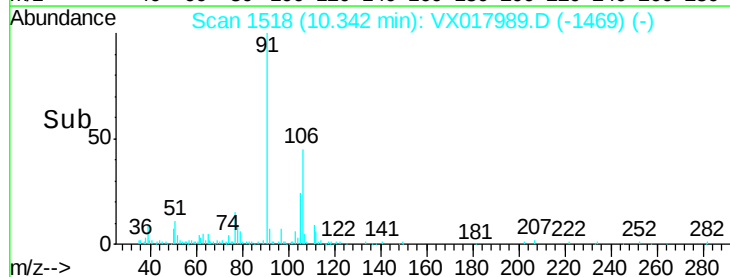
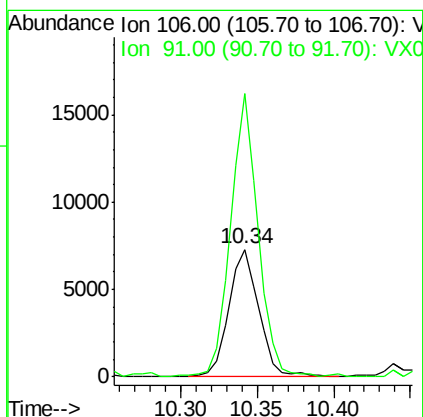
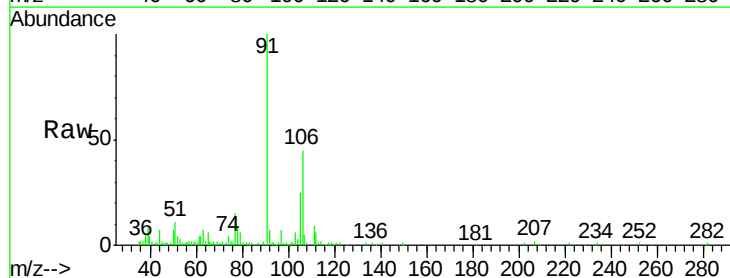
Instrument :
MSVOA_X
ClientSampled :
I-LDC-6

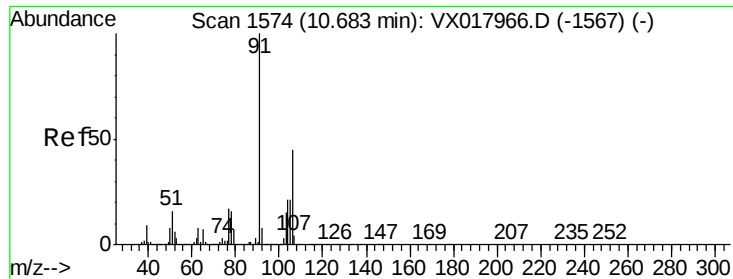
Tot Ion: 91 Resp: 5124
Ion Ratio Lower Upper
91 100
106 21.9 25.4 38.0#



#68
m/p-Xylenes
Concen: 1.185 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017989.D
Acq: 19 Aug 2020 16:50

Tgt Ion: 106 Resp: 9924
Ion Ratio Lower Upper
106 100
91 203.2 167.4 251.2

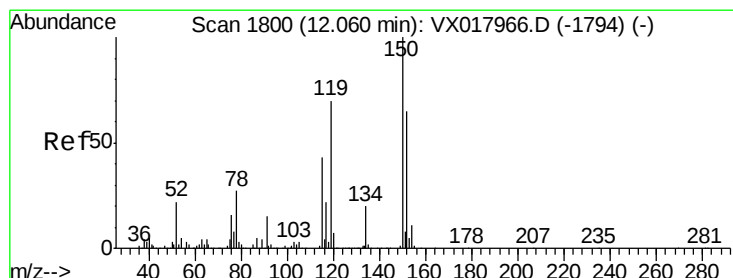
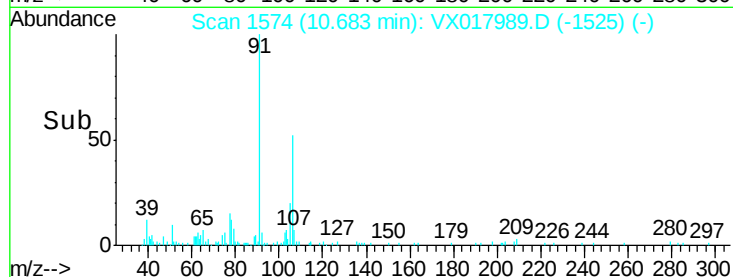
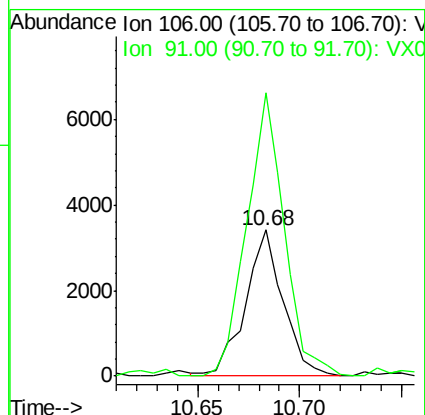
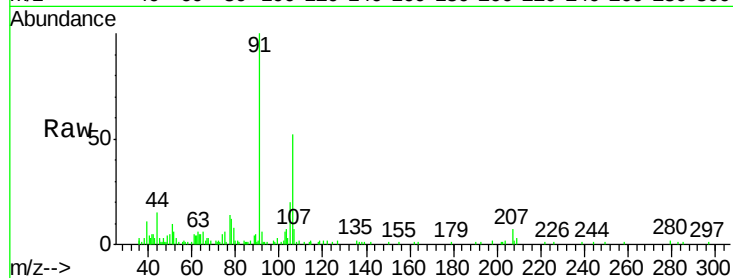




#69
o-Xylene
Concen: 0.547 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017989.D
Acq: 19 Aug 2020 16:50

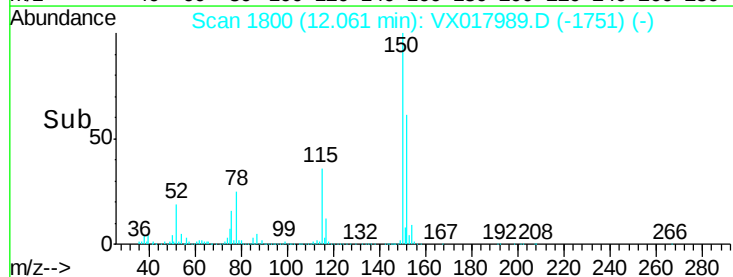
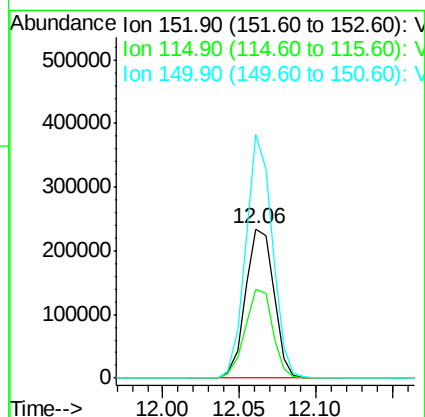
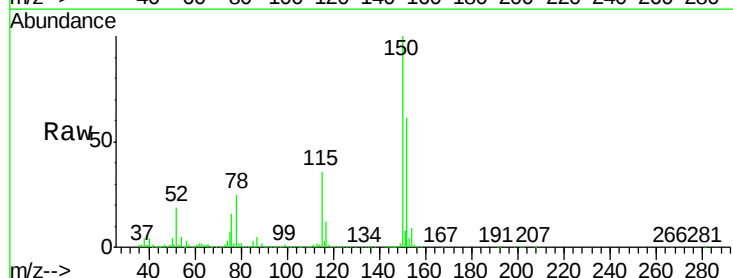
Instrument :
MSVOA_X
ClientSampleId :
I-LDC-6

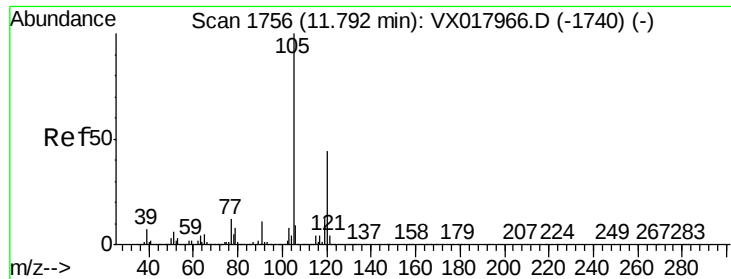
Tot Ion:106 Resp: 4413
Ion Ratio Lower Upper
106 100
91 191.8 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017989.D
Acq: 19 Aug 2020 16:50

Tgt Ion:152 Resp: 301932
Ion Ratio Lower Upper
152 100
115 57.9 40.6 121.7
150 152.9 0.0 346.4





#84

1,2,4-Trimethylbenzene

Concen: 0.403 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017989.D

Acq: 19 Aug 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

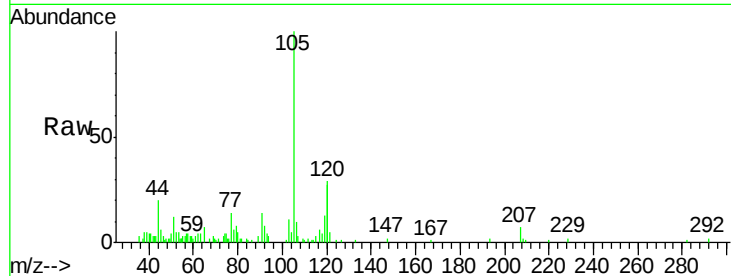
I-LDC-6

Tot Ion:105 Resp: 7117

Ion Ratio Lower Upper

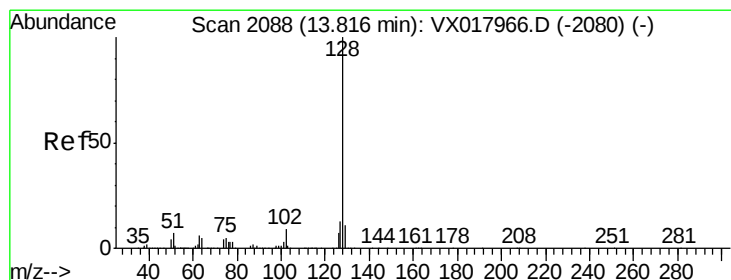
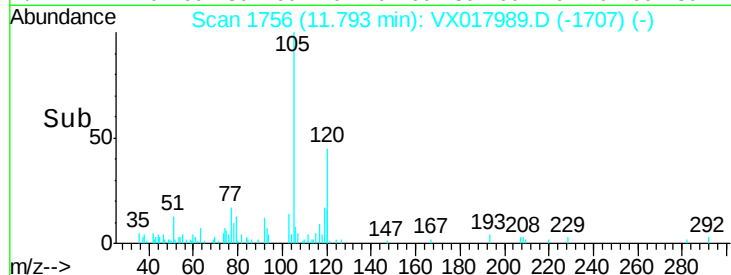
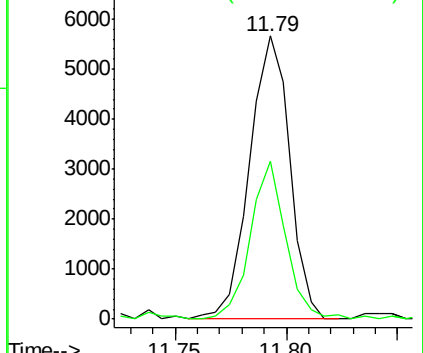
105 100

120 49.3 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: 66.426 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017989.D

Acq: 19 Aug 2020 16:50

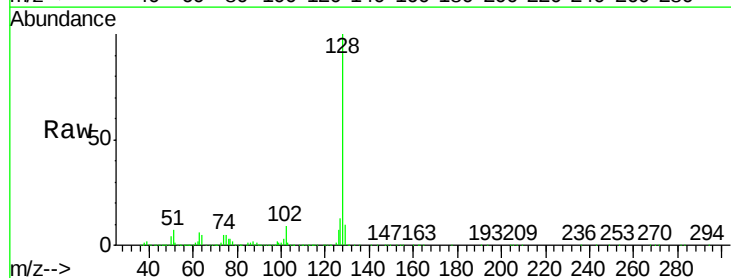
Tgt Ion:128 Resp: 1249640

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.6 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

