

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
 Data File : VX018036.D
 Acq On : 20 Aug 2020 15:42
 Operator : JC/SP
 Sample : L3721-03DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I-LGC-6DL

Quant Time: Aug 21 02:12:18 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	590517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	940415	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	864960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	421026	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	383972	44.36	ug/l	0.00
Spiked Amount			Recovery	=	88.72%	
35) Dibromofluoromethane	5.46	113	311914	44.54	ug/l	0.00
Spiked Amount			Recovery	=	89.08%	
50) Toluene-d8	8.70	98	1147143	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	
62) 4-Bromofluorobenzene	11.12	95	419185	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	

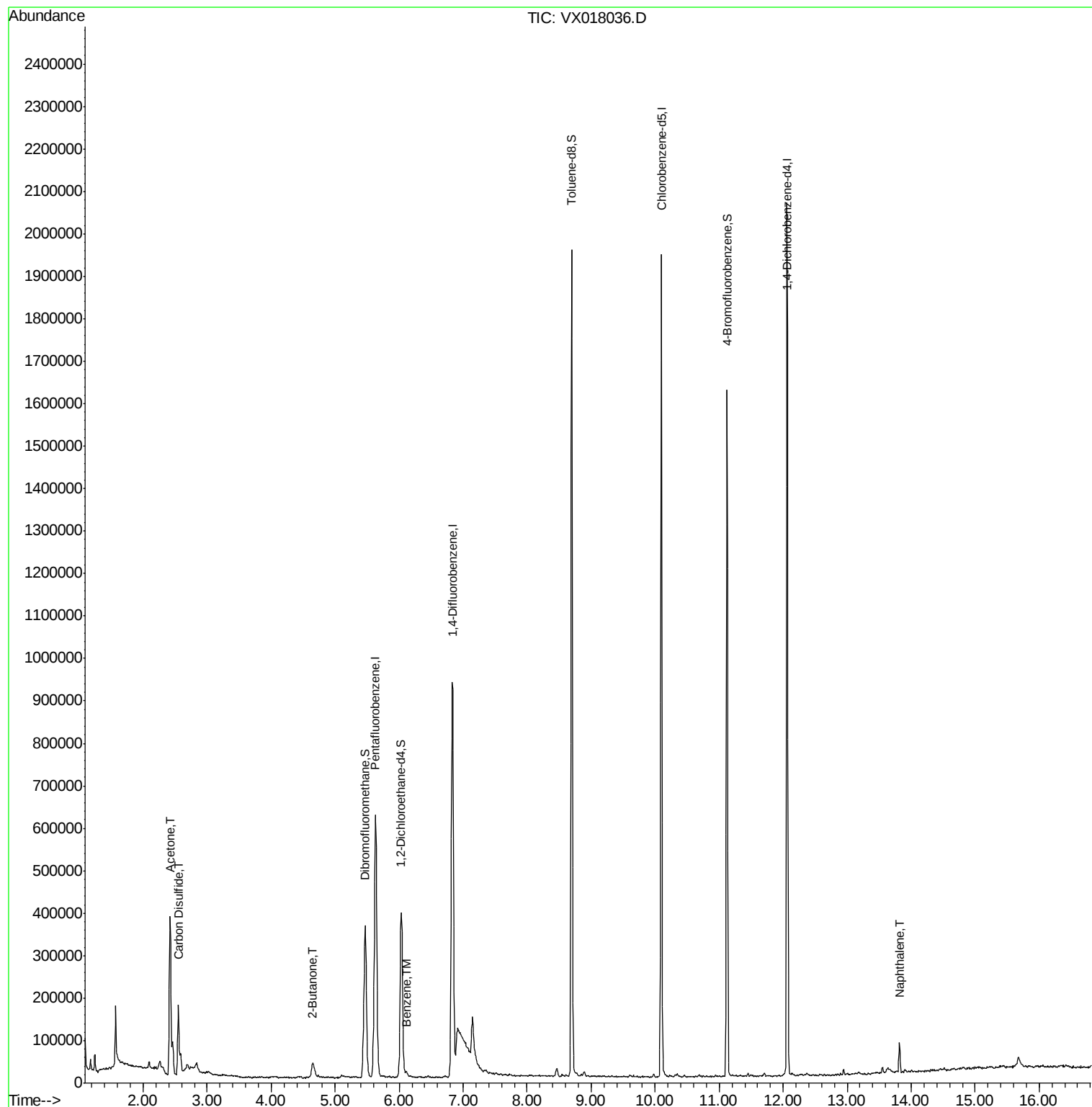
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	400018	117.460	ug/l	98
17) Carbon Disulfide	2.55	76	212031	16.418	ug/l	99
25) 2-Butanone	4.64	43	39154	7.594	ug/l	95
40) Benzene	6.12	78	14247	0.601	ug/l	95
95) Naphthalene	13.82	128	42232	1.610	ug/l	98

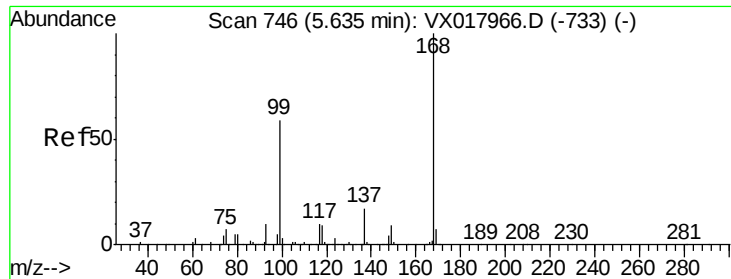
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX018036.D

Acq: 20 Aug 2020 15:42

Instrument :

MSVOA_X

ClientSampleId :

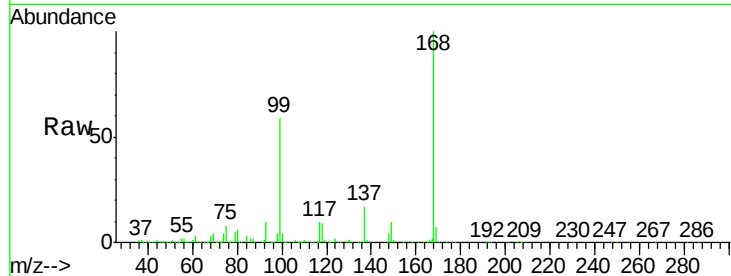
I-LGC-6DL

Tot Ion:168 Resp: 590517

Ion Ratio Lower Upper

168 100

99 59.3 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

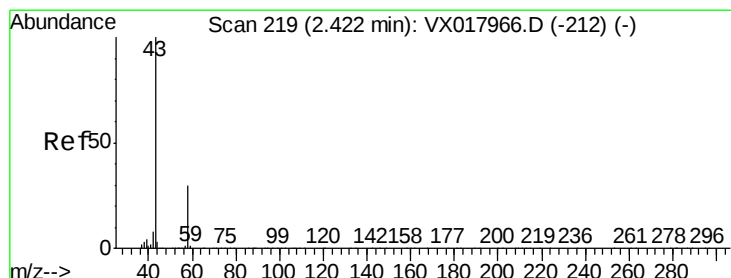
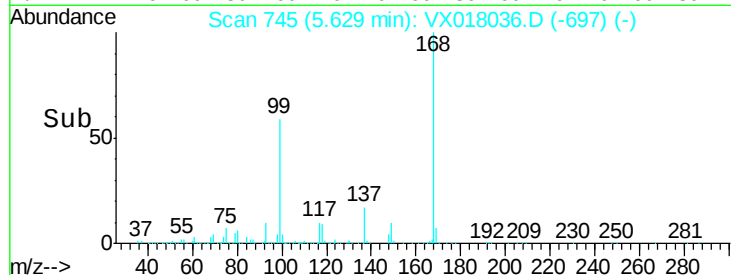
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 117.460 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018036.D

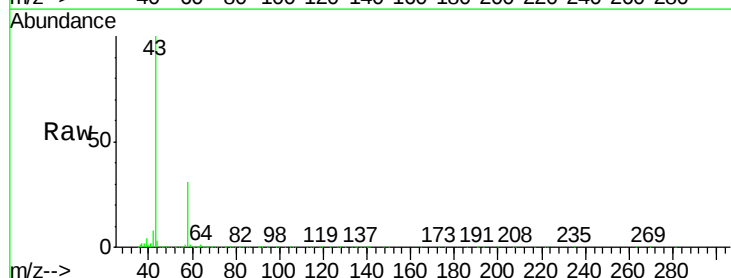
Acq: 20 Aug 2020 15:42

Tgt Ion: 43 Resp: 400018

Ion Ratio Lower Upper

43 100

58 30.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

250000

200000

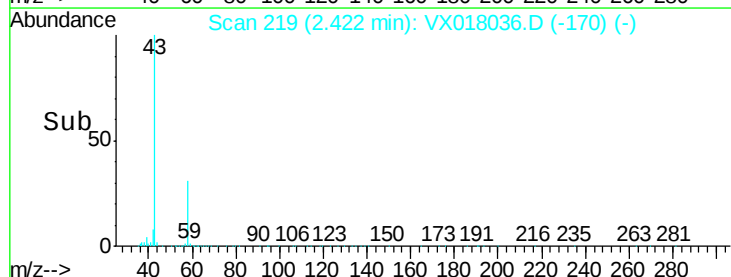
150000

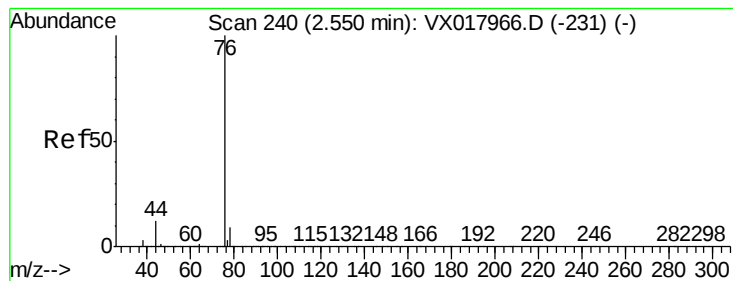
100000

50000

0

Time-->





#17

Carbon Disulfide

Concen: 16.418 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018036.D

Acq: 20 Aug 2020 15:42

Instrument :

MSVOA_X

ClientSampleId :

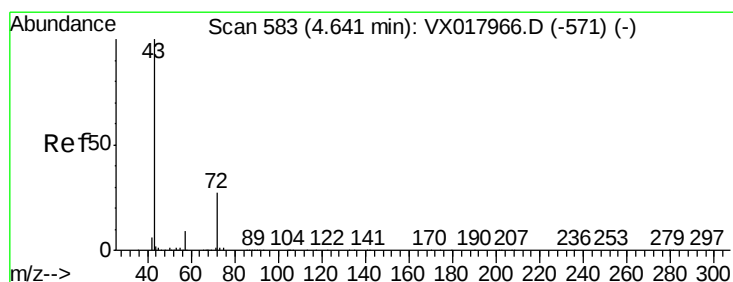
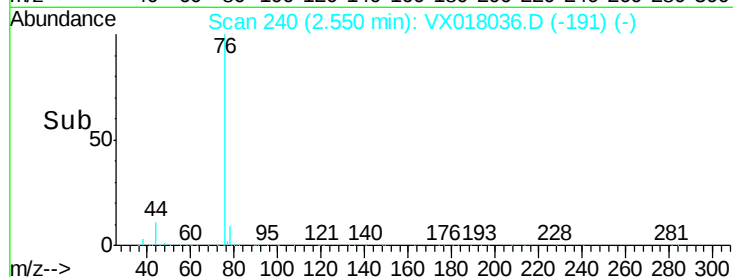
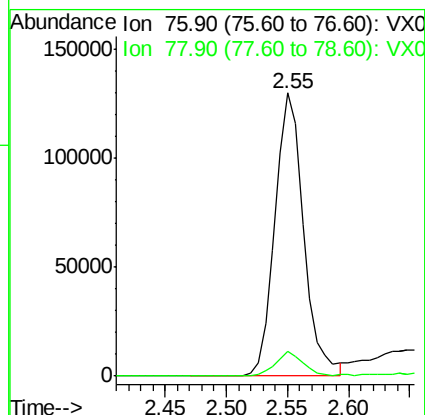
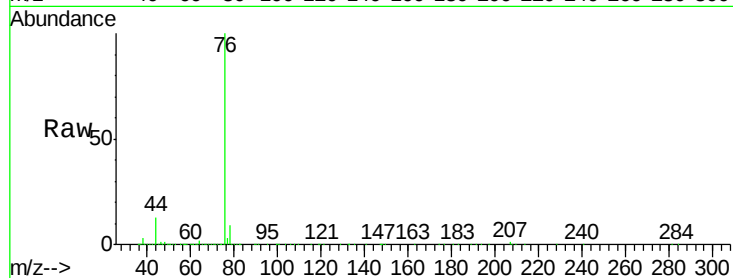
I-LGC-6DL

Tot Ion: 76 Resp: 212031

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



#25

2-Butanone

Concen: 7.594 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX018036.D

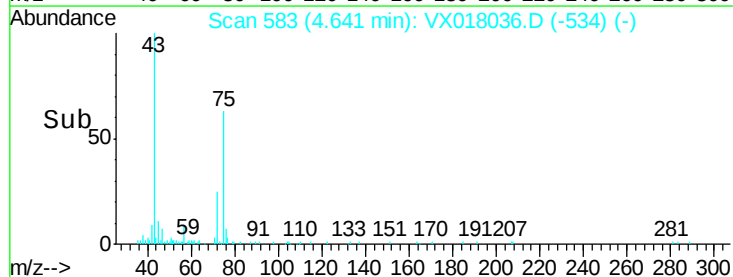
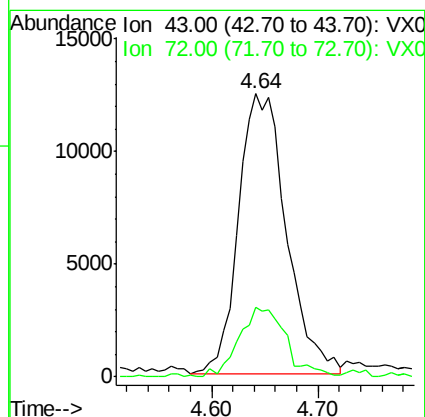
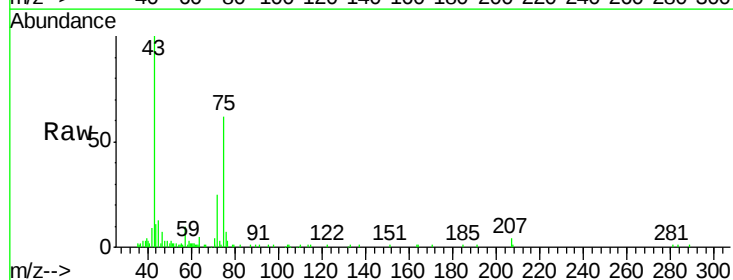
Acq: 20 Aug 2020 15:42

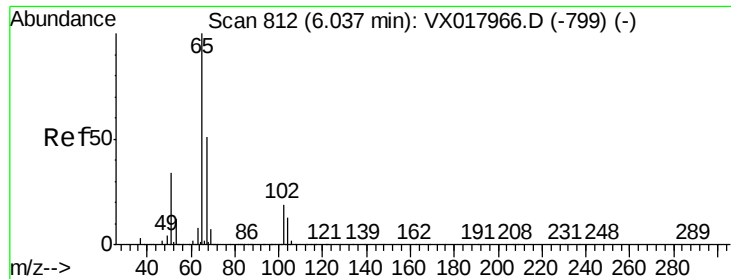
Tgt Ion: 43 Resp: 39154

Ion Ratio Lower Upper

43 100

72 24.2 21.4 32.2





#33

1,2-Dichloroethane-d4

Concen: 44.356 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX018036.D

Acq: 20 Aug 2020 15:42

Instrument :

MSVOA_X

ClientSampleId :

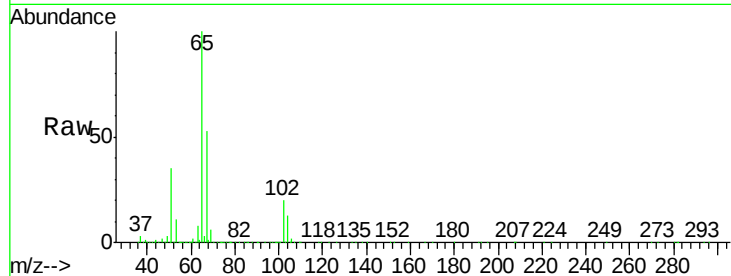
I-LGC-6DL

Tot Ion: 65 Resp: 383972

Ion Ratio Lower Upper

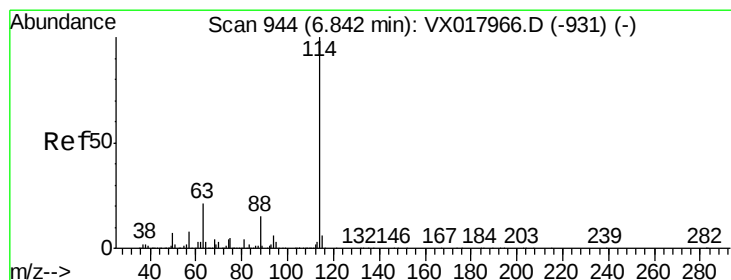
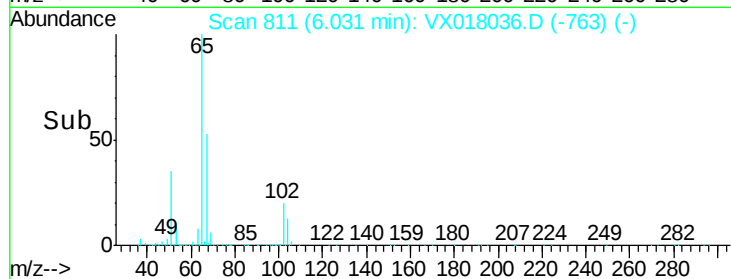
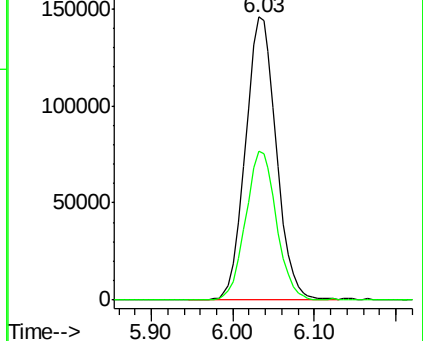
65 100

67 52.5 0.0 103.0



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. -0.01 min

Lab File: VX018036.D

Acq: 20 Aug 2020 15:42

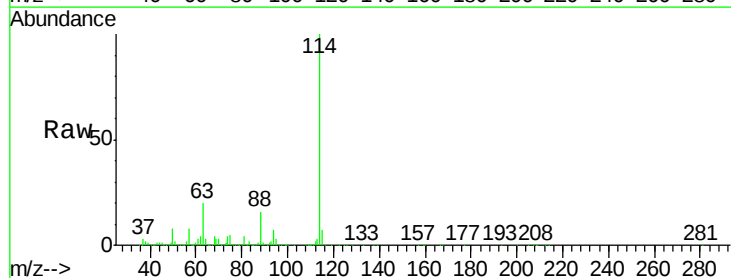
Tgt Ion: 114 Resp: 940415

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

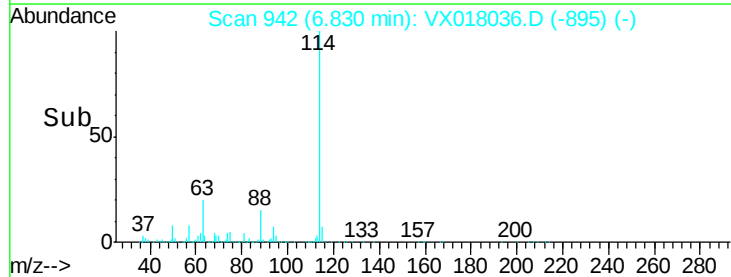
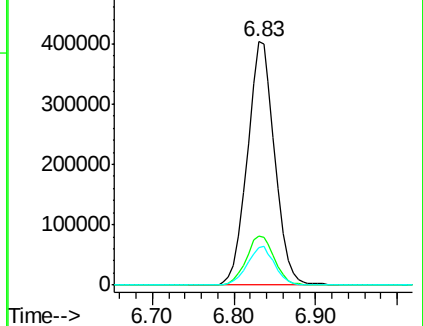
88 15.5 0.0 30.2

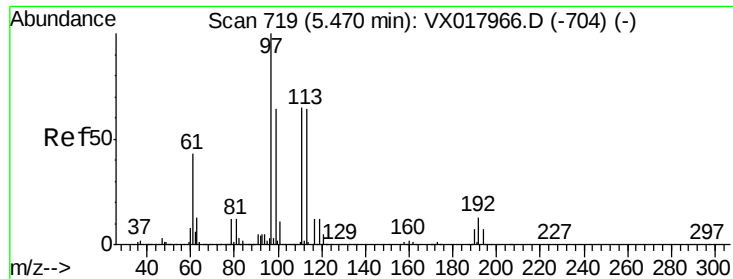


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

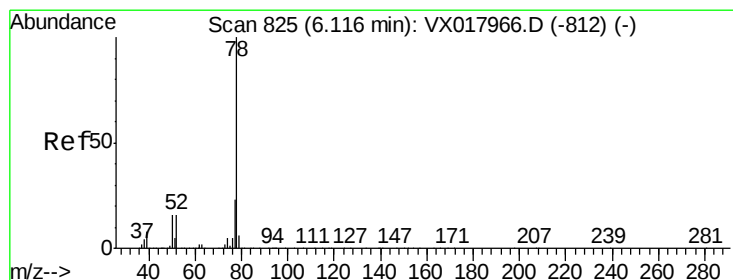
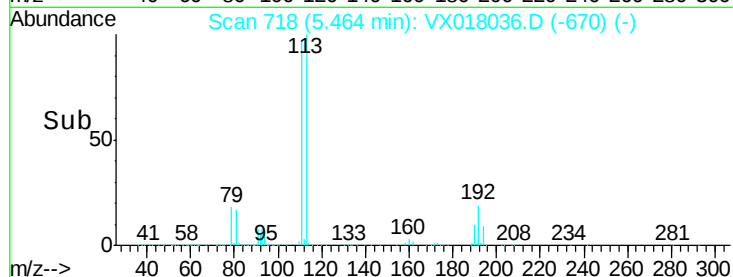
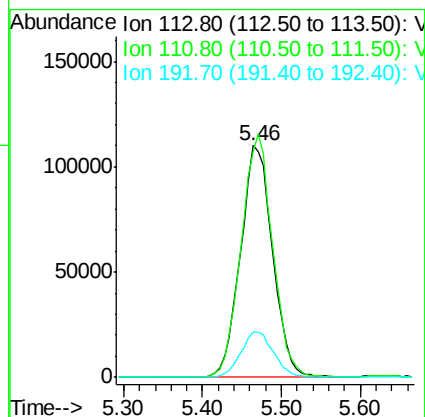
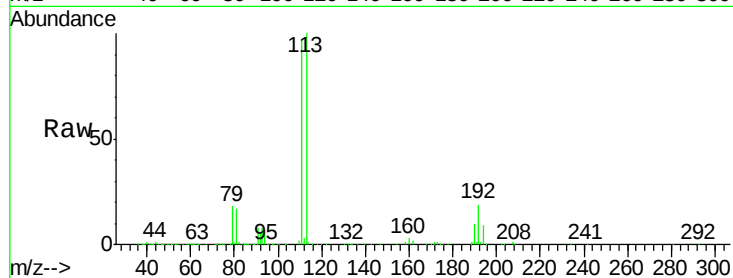




#35
 Dibromofluoromethane
 Concen: 44.539 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018036.D
 Acq: 20 Aug 2020 15:42

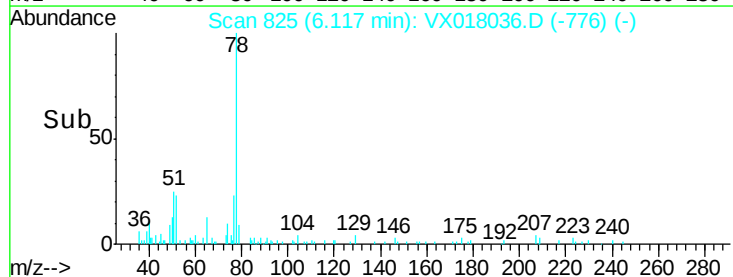
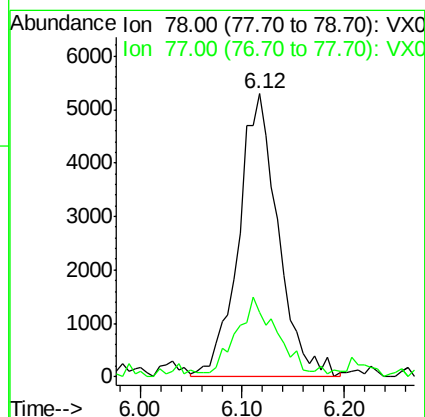
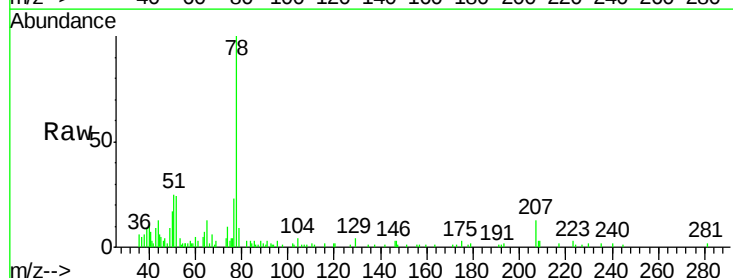
Instrument :
 MSVOA_X
 ClientSampleId :
 I-LGC-6DL

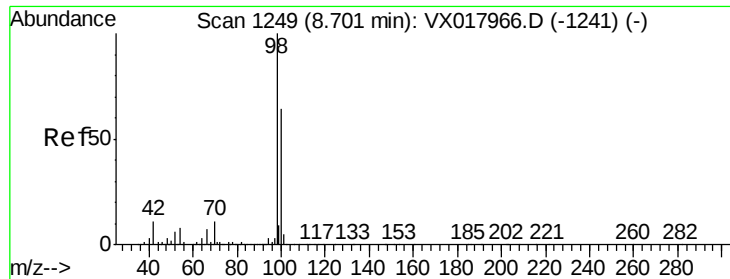
Tot Ion:113 Resp: 311914
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.5 125.3
 192 20.0 16.2 24.4



#40
 Benzene
 Concen: 0.601 ug/l
 RT: 6.12 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: VX018036.D
 Acq: 20 Aug 2020 15:42

Tgt Ion: 78 Resp: 14247
 Ion Ratio Lower Upper
 78 100
 77 21.1 18.8 28.2





#50

Toluene-d8

Concen: 46.341 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX018036.D

Acq: 20 Aug 2020 15:42

Instrument :

MSVOA_X

ClientSampleId :

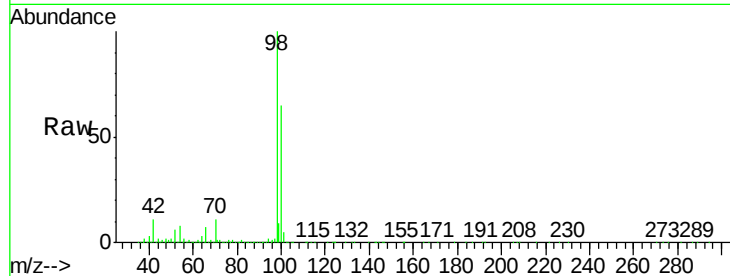
I-LGC-6DL

Tot Ion: 98 Resp: 1147143

Ion Ratio Lower Upper

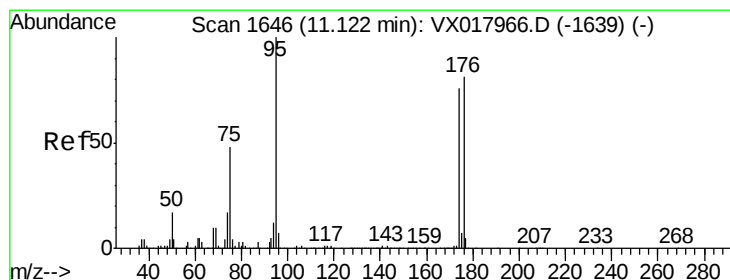
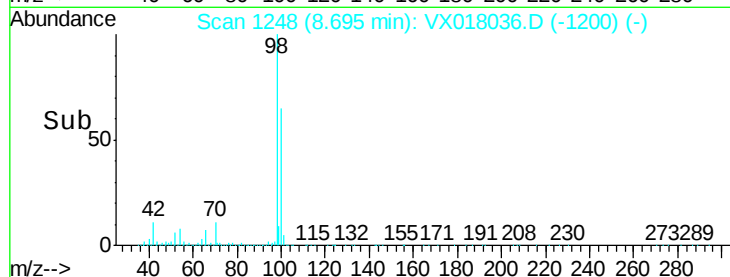
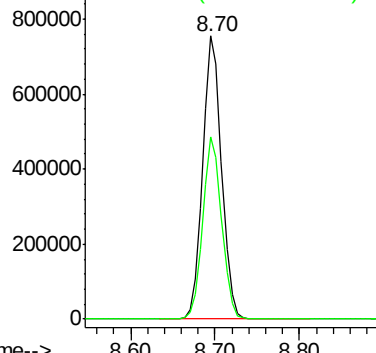
98 100

100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.848 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018036.D

Acq: 20 Aug 2020 15:42

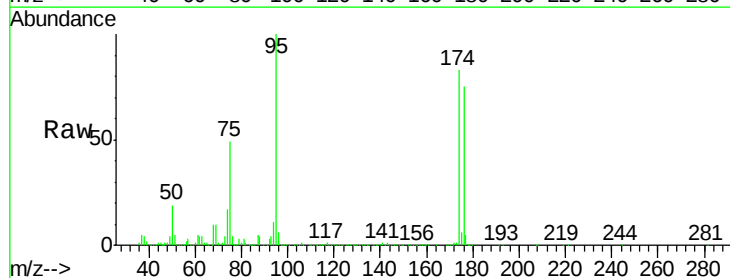
Tgt Ion: 95 Resp: 419185

Ion Ratio Lower Upper

95 100

174 82.3 0.0 166.0

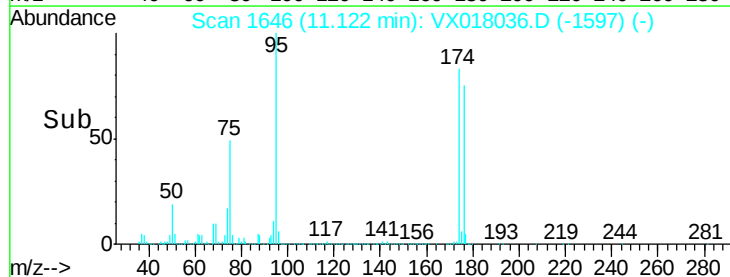
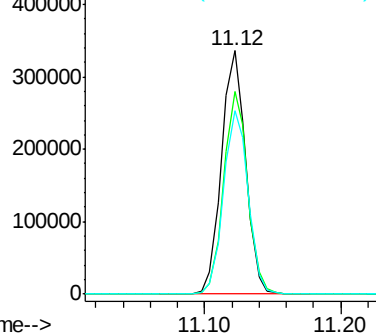
176 77.4 0.0 161.0

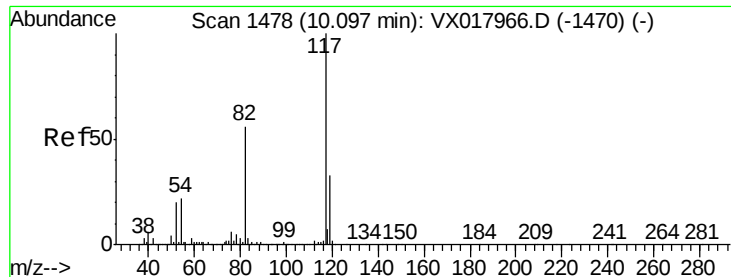


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

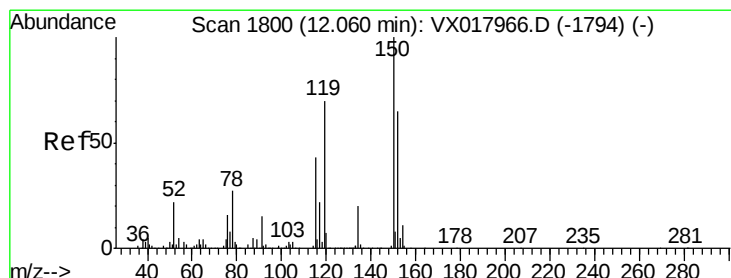
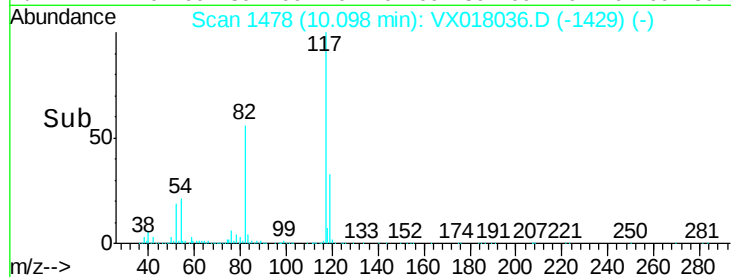
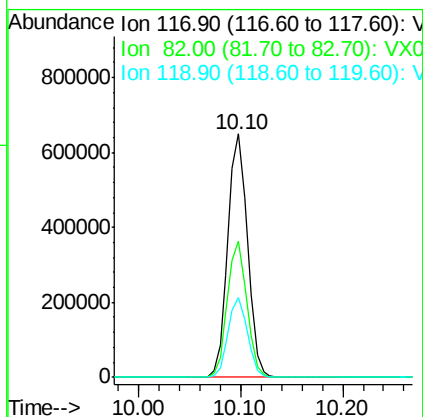
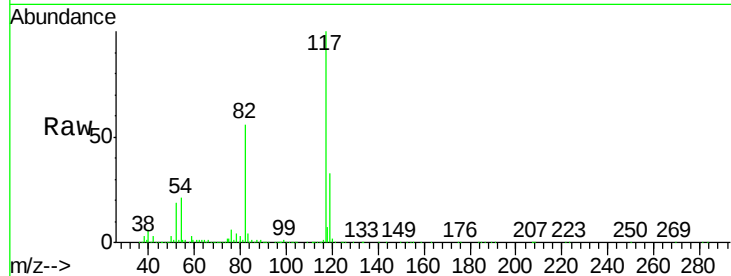




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018036.D
Acq: 20 Aug 2020 15:42

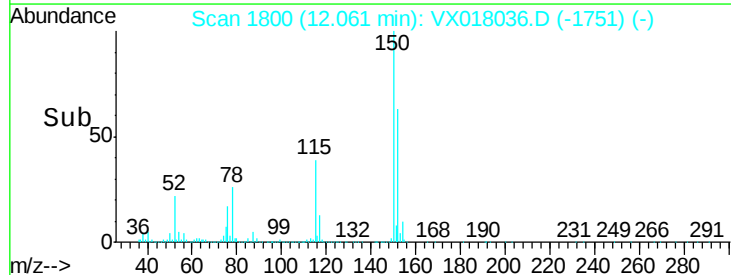
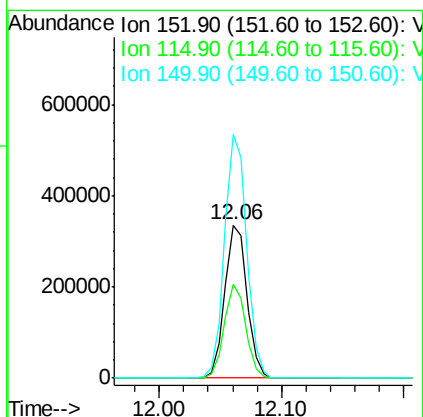
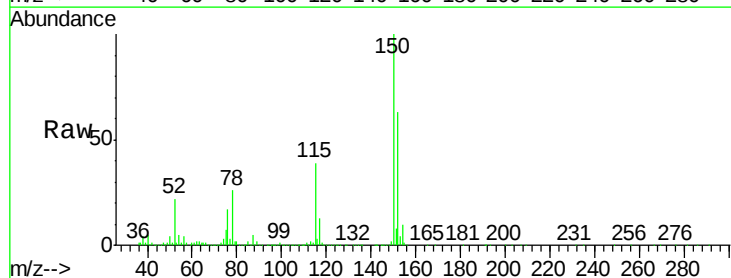
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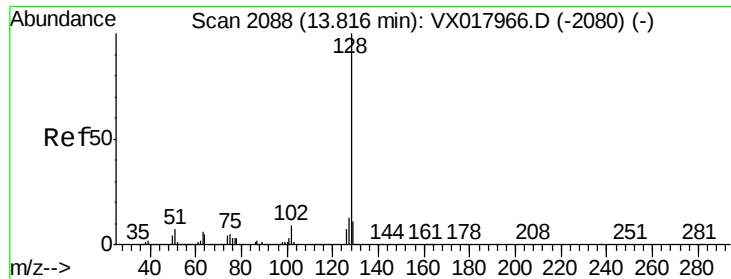
Tot Ion:117 Resp: 864960
Ion Ratio Lower Upper
117 100
82 55.8 44.6 66.8
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018036.D
Acq: 20 Aug 2020 15:42

Tgt Ion:152 Resp: 421026
Ion Ratio Lower Upper
152 100
115 59.8 40.6 121.7
150 158.4 0.0 346.4





#95

Naphthalene

Concen: 1.610 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018036.D

Acq: 20 Aug 2020 15:42

Instrument :

MSVOA_X

ClientSampleId :

I-LGC-6DL

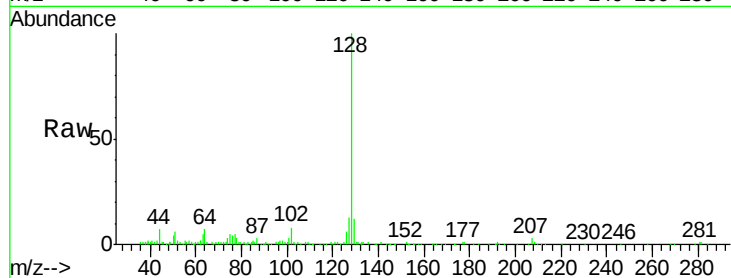
Tot Ion:128 Resp: 42232

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.8 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

