

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017097.D
 Acq On : 01 Jul 2020 14:52
 Operator : JC/SP
 Sample : L3163-03 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I-LDC-3

Quant Time: Jul 02 02:24:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

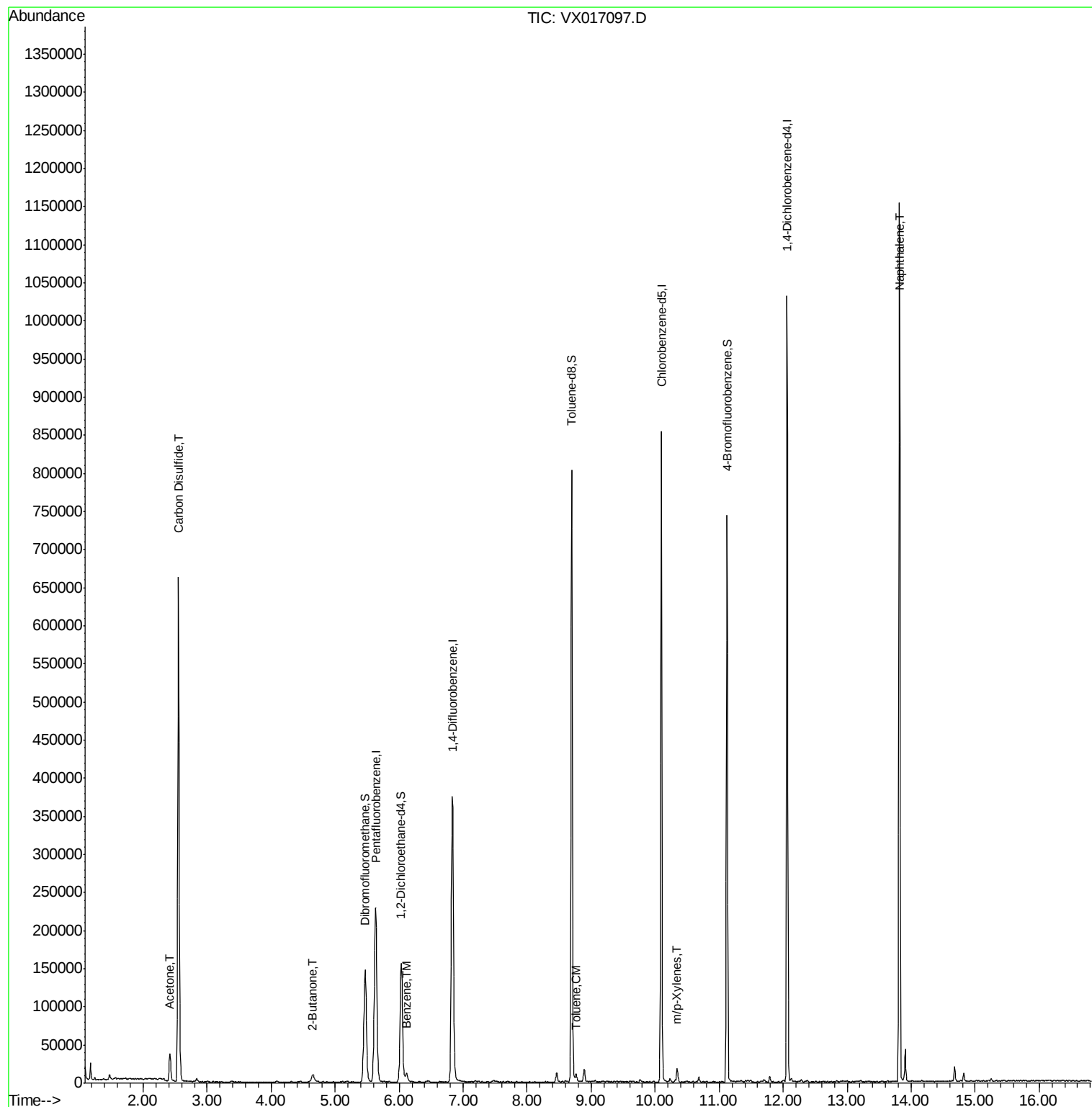
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	225190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	383801	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	391774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	148145	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	5.46	113	129611	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
50) Toluene-d8	8.70	98	468600	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	11.12	95	192402	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
Target Compounds						
16) Acetone	2.42	43	37894	36.488	ug/l	97
17) Carbon Disulfide	2.55	76	827051	132.990	ug/l	100
25) 2-Butanone	4.64	43	6111	3.531	ug/l #	88
40) Benzene	6.12	78	12573	1.180	ug/l	96
52) Toluene	8.77	92	2719	0.409	ug/l	94
68) m/p-Xylenes	10.34	106	3007	0.580	ug/l	94
95) Naphthalene	13.82	128	665177	50.276	ug/l	100

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

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Quant Time: Jul 02 02:24:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017097.D

Acq: 01 Jul 2020 14:52

Instrument :

MSVOA_X

ClientSampled :

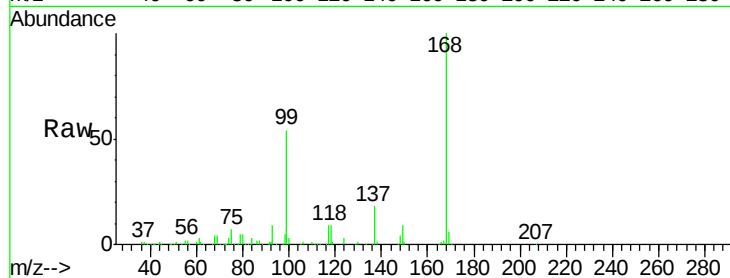
I-LDC-3

Tot Ion:168 Resp: 225190

Ion Ratio Lower Upper

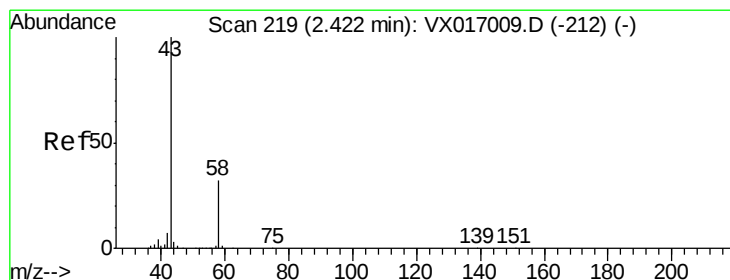
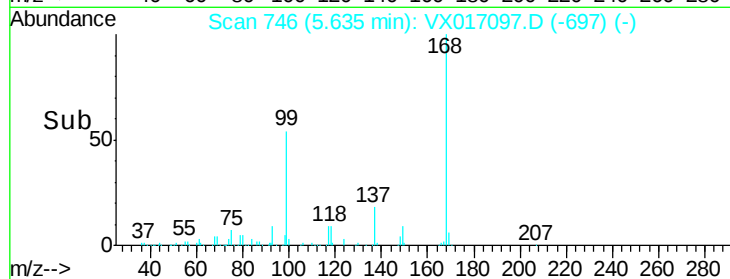
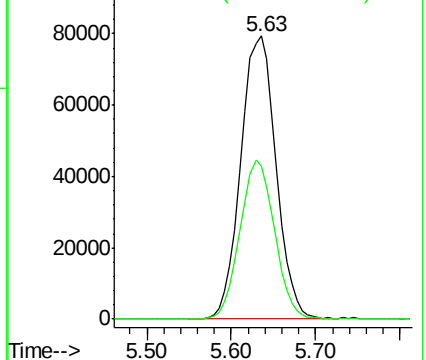
168 100

99 54.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 36.488 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017097.D

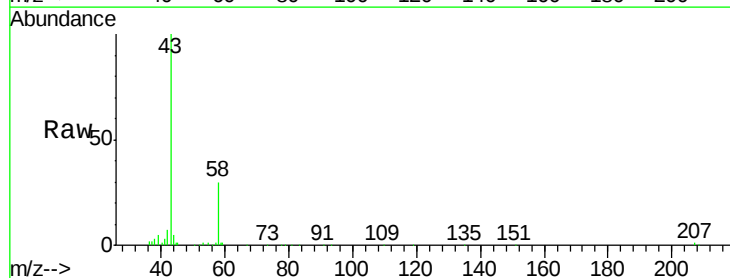
Acq: 01 Jul 2020 14:52

Tgt Ion: 43 Resp: 37894

Ion Ratio Lower Upper

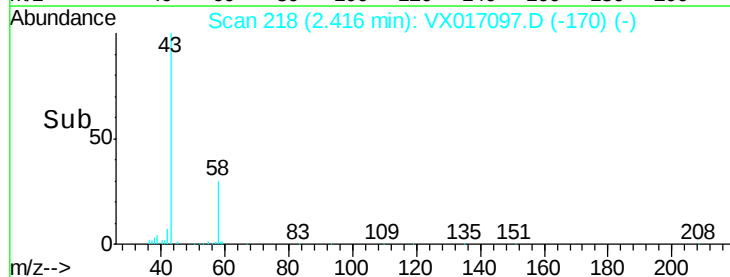
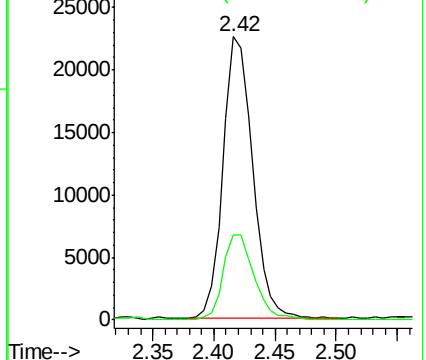
43 100

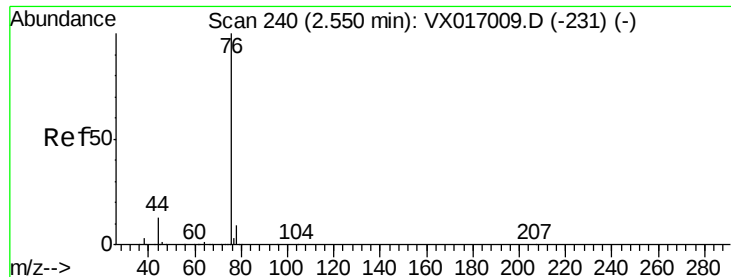
58 30.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 132.990 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017097.D

Acq: 01 Jul 2020 14:52

Instrument :

MSVOA_X

ClientSampled :

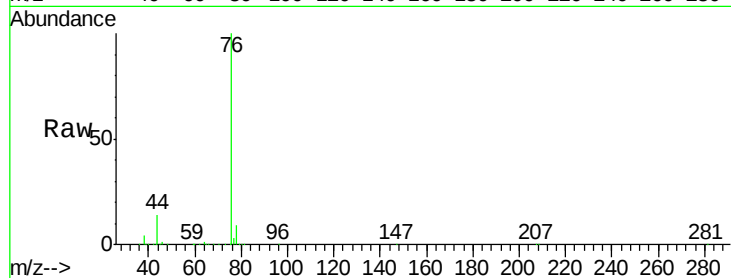
I-LDC-3

Tot Ion: 76 Resp: 827051

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

500000

400000

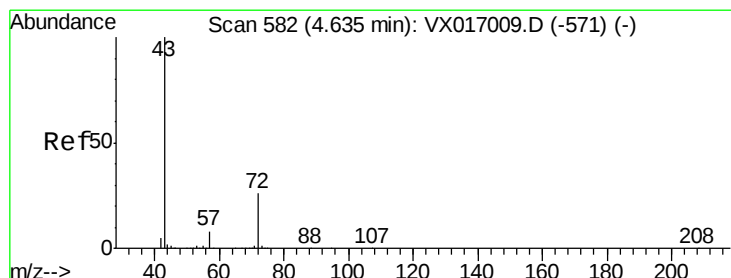
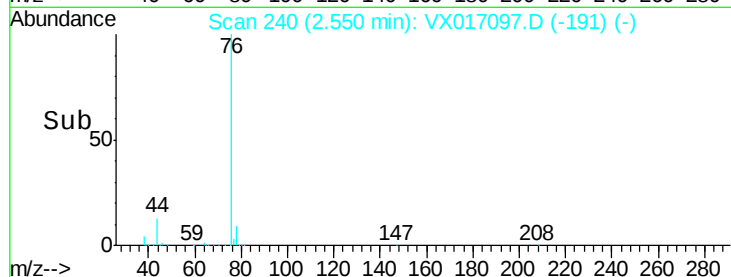
300000

200000

100000

0

Time-->



#25

2-Butanone

Concen: 3.531 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017097.D

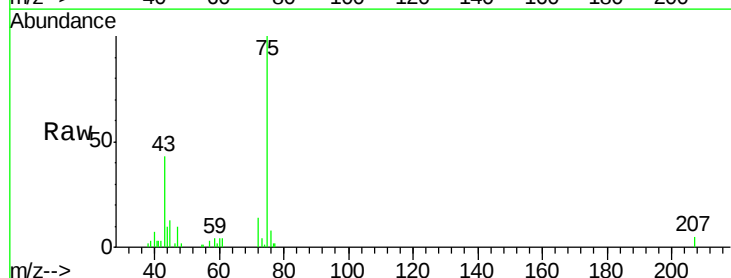
Acq: 01 Jul 2020 14:52

Tgt Ion: 43 Resp: 6111

Ion Ratio Lower Upper

43 100

72 32.1 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

2000

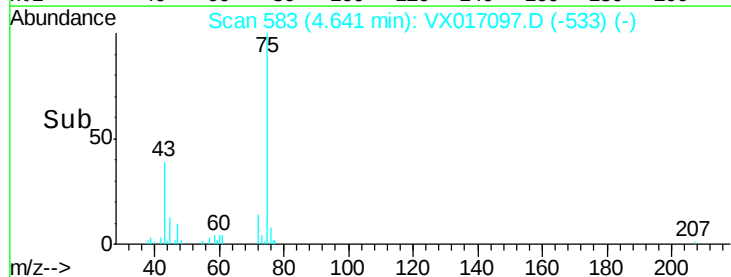
1500

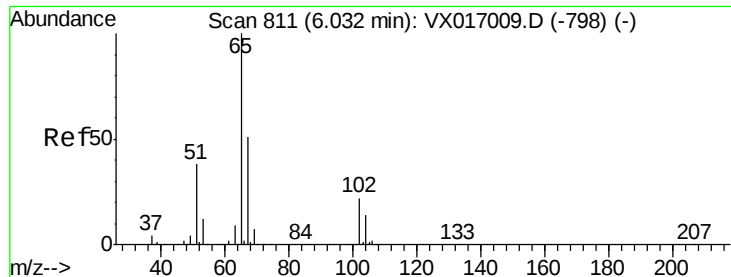
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.364 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017097.D

Acq: 01 Jul 2020 14:52

Instrument :

MSVOA_X

ClientSampled :

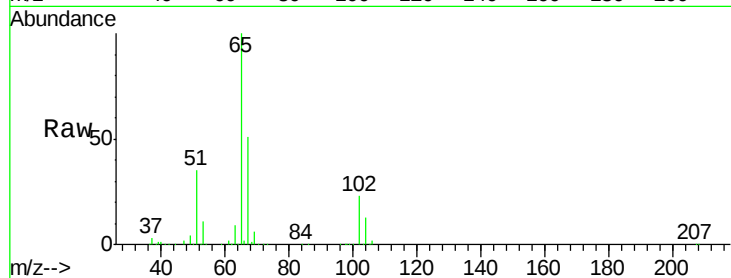
I-LDC-3

Tot Ion: 65 Resp: 148145

Ion Ratio Lower Upper

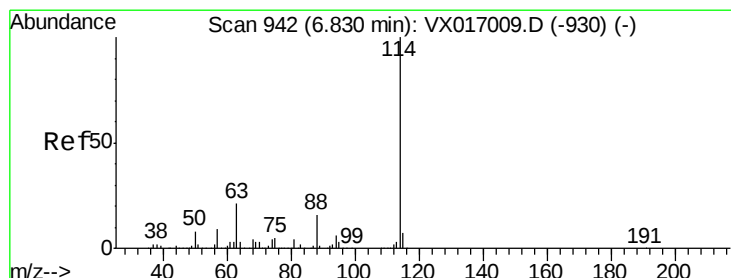
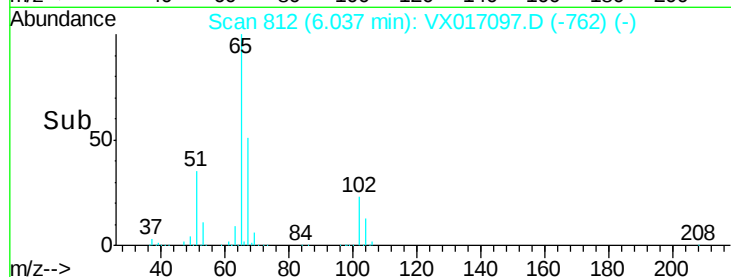
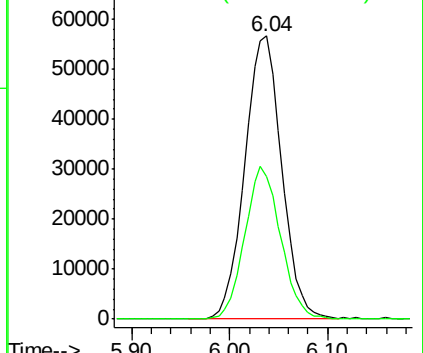
65 100

67 52.5 0.0 103.8



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. -0.00 min

Lab File: VX017097.D

Acq: 01 Jul 2020 14:52

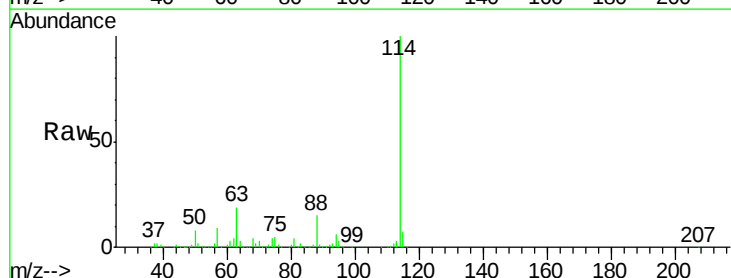
Tgt Ion: 114 Resp: 383801

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

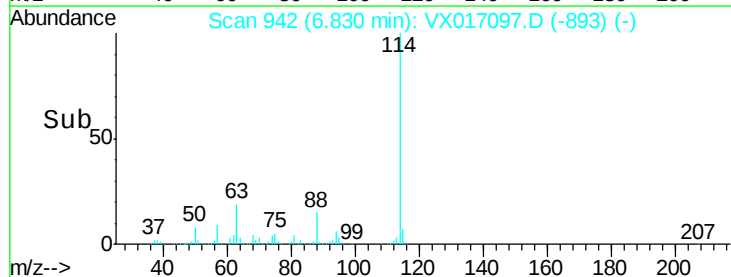
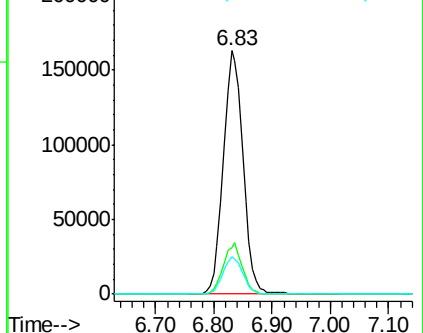
88 15.3 0.0 32.4

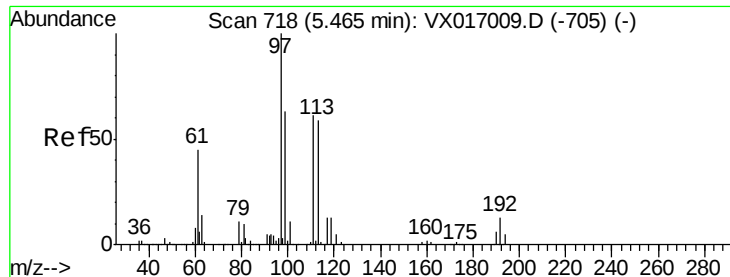


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.386 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017097.D

Acq: 01 Jul 2020 14:52

Instrument :

MSVOA_X

ClientSampled :

I-LDC-3

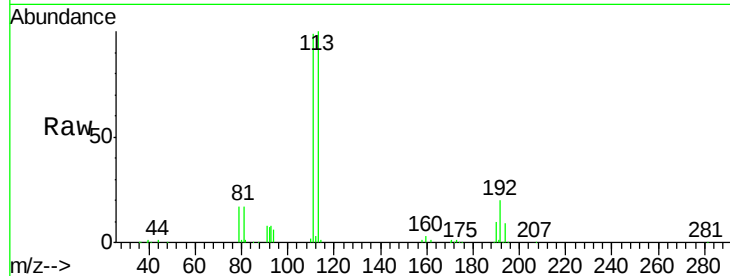
Tot Ion:113 Resp: 129611

Ion Ratio Lower Upper

113 100

111 100.7 81.9 122.9

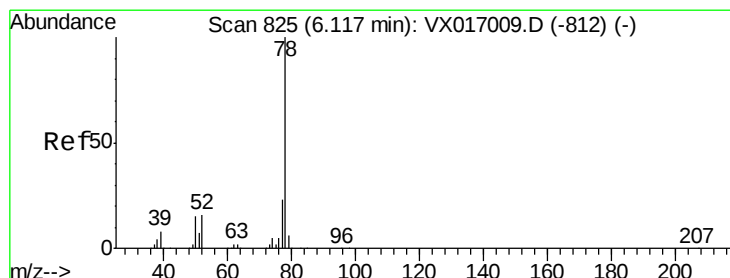
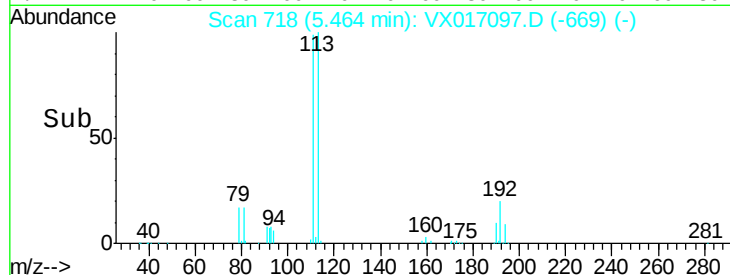
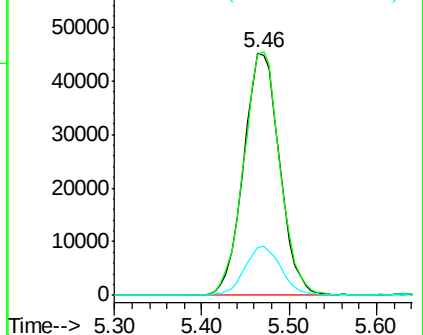
192 20.5 16.7 25.1



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



#40

Benzene

Concen: 1.180 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX017097.D

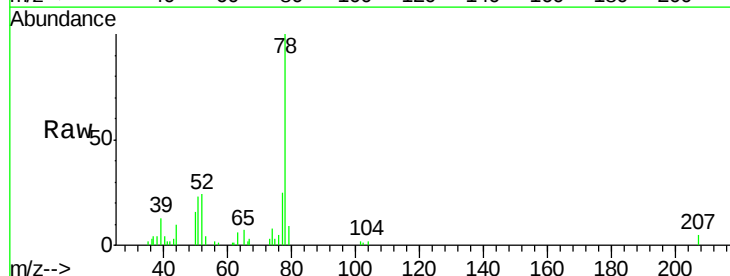
Acq: 01 Jul 2020 14:52

Tgt Ion: 78 Resp: 12573

Ion Ratio Lower Upper

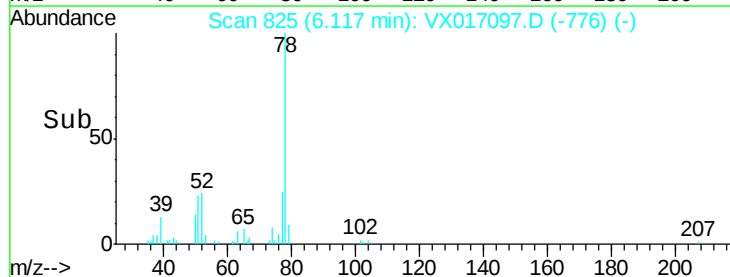
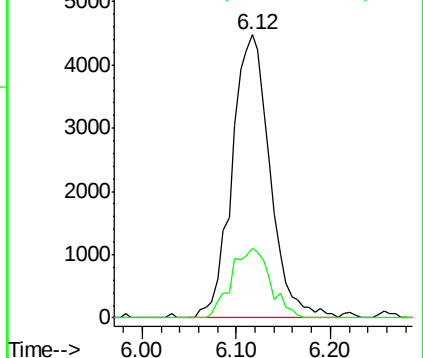
78 100

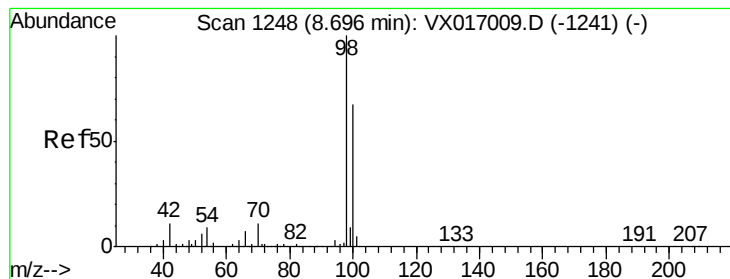
77 24.7 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 52.197 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017097.D

Acq: 01 Jul 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

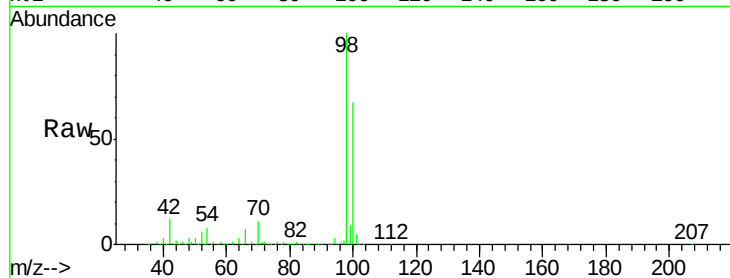
I-LDC-3

Tot Ion: 98 Resp: 468600

Ion Ratio Lower Upper

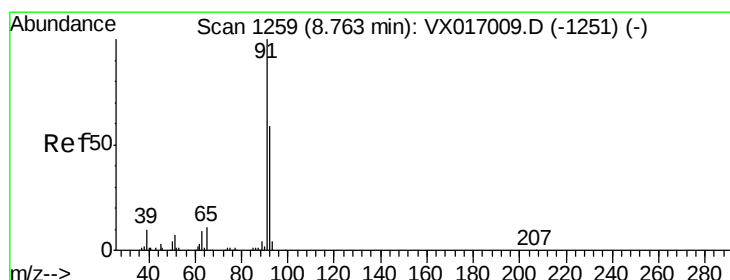
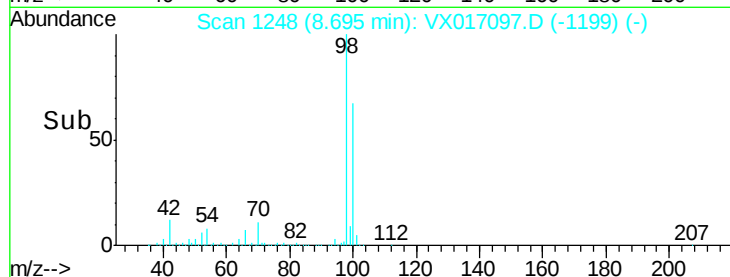
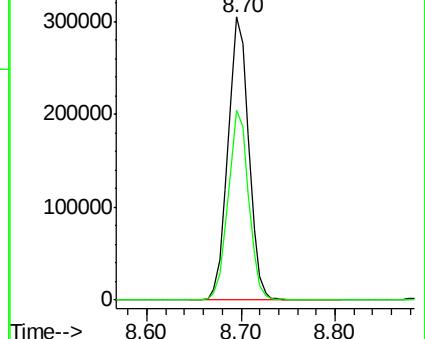
98 100

100 66.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 0.409 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017097.D

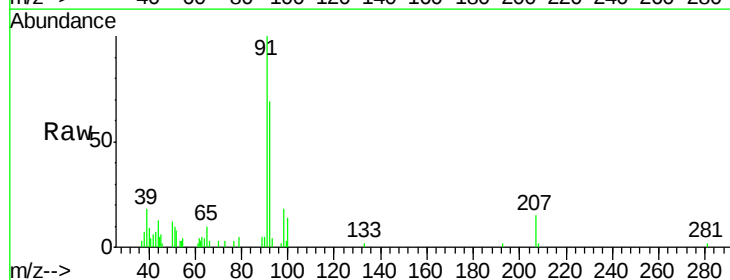
Acq: 01 Jul 2020 14:52

Tgt Ion: 92 Resp: 2719

Ion Ratio Lower Upper

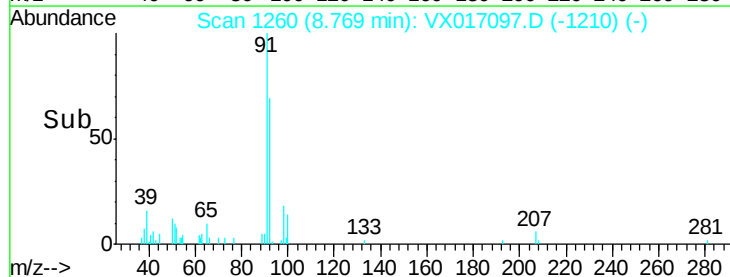
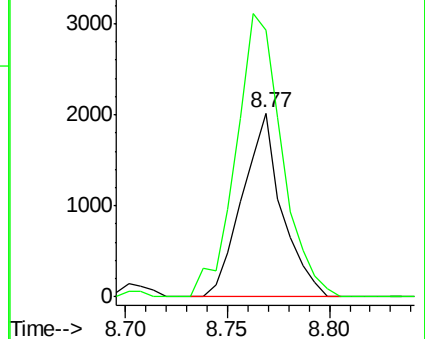
92 100

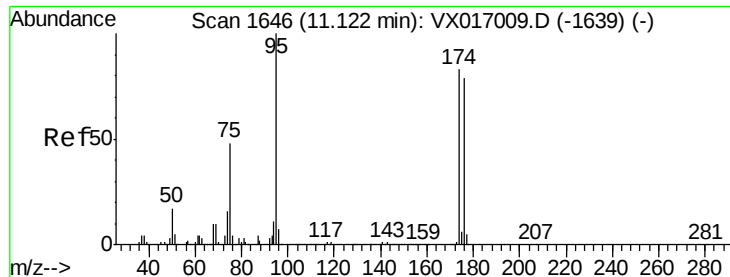
91 178.9 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.824 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017097.D

Acq: 01 Jul 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

I-LDC-3

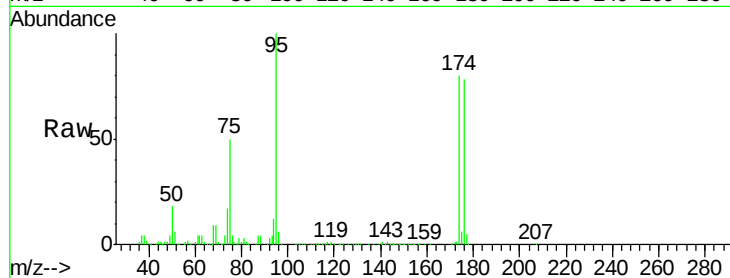
Tot Ion: 95 Resp: 192402

Ion Ratio Lower Upper

95 100

174 82.4 0.0 164.0

176 77.8 0.0 157.6

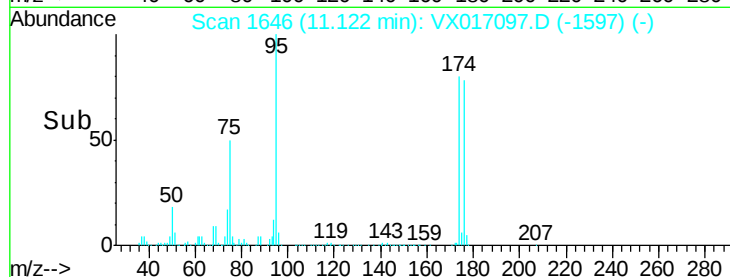


Abundance Ion 94.90 (94.60 to 95.60): VX017009.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017009.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017009.D (-1639) (-)

Time-->



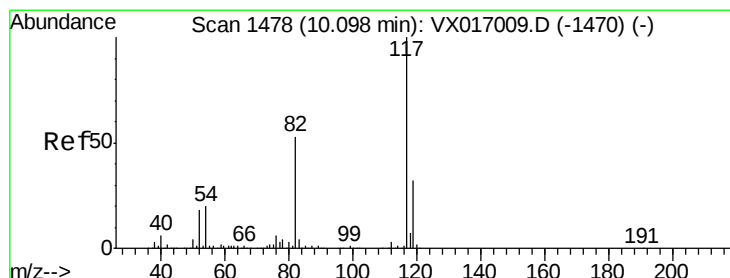
Abundance

Ion 94.90 (94.60 to 95.60): VX017009.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017009.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017009.D (-1639) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017097.D

Acq: 01 Jul 2020 14:52

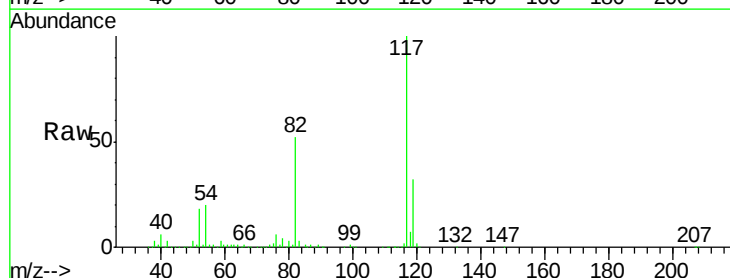
Tgt Ion: 117 Resp: 391774

Ion Ratio Lower Upper

117 100

82 52.4 42.6 63.8

119 32.1 25.4 38.2

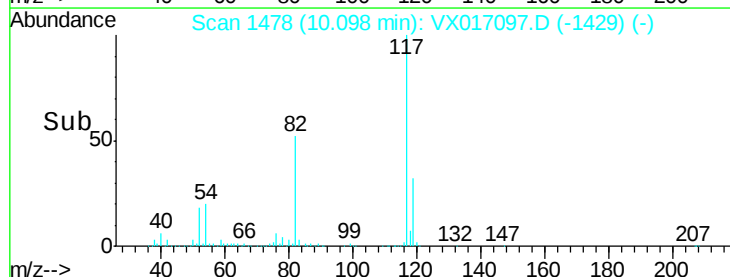


Abundance Ion 116.90 (116.60 to 117.60): VX017009.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX017009.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX017009.D (-1470) (-)

Time-->



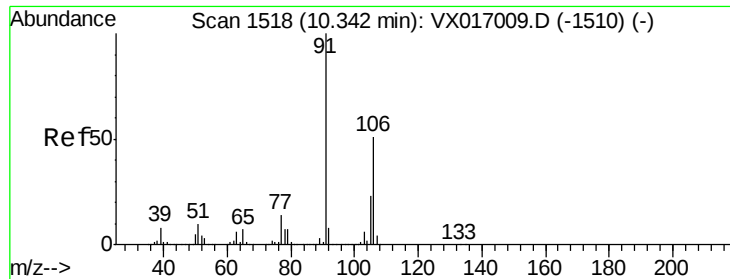
Abundance

Ion 116.90 (116.60 to 117.60): VX017009.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX017009.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX017009.D (-1470) (-)

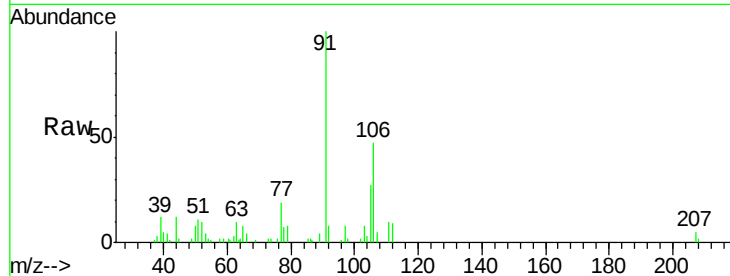
Time-->



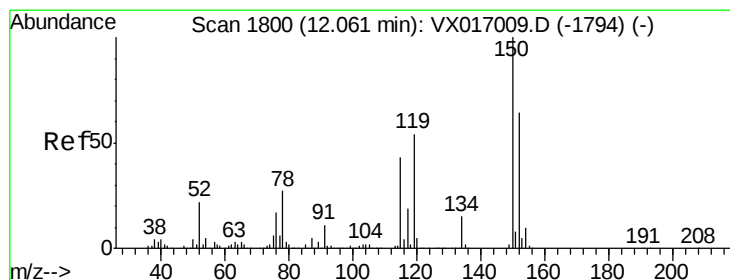
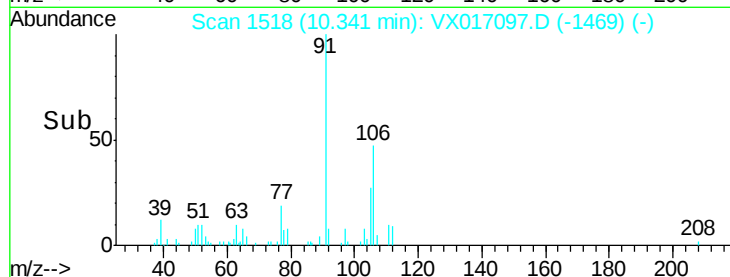
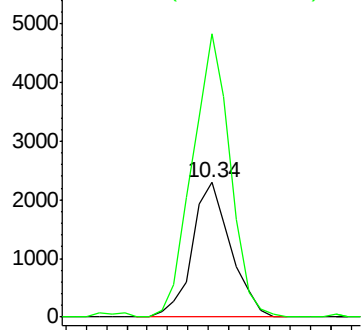
#68
m/p-Xvlenes
Concen: 0.580 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017097.D
Acq: 01 Jul 2020 14:52

Instrument :
MSVOA_X
ClientSampled :
I-LDC-3

Tot Ion:106 Resp: 3007
Ion Ratio Lower Upper
106 100
91 207.1 158.6 238.0

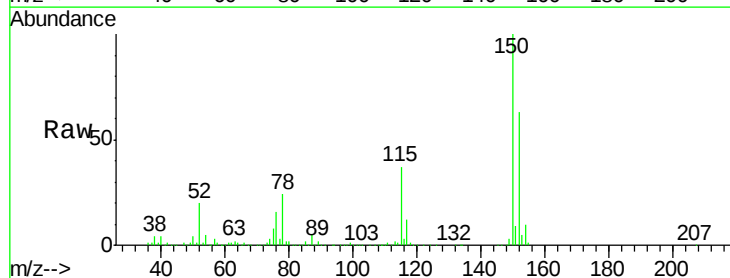


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

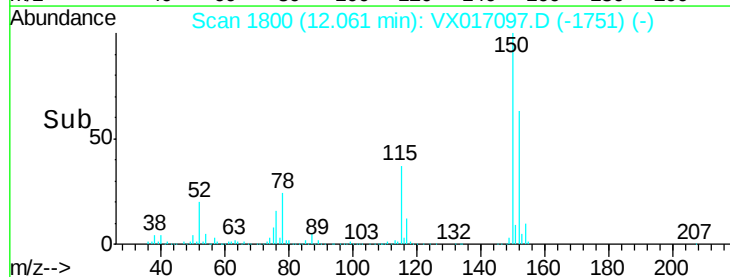
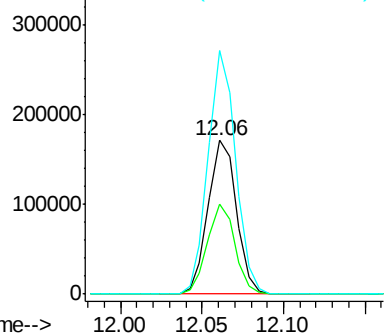


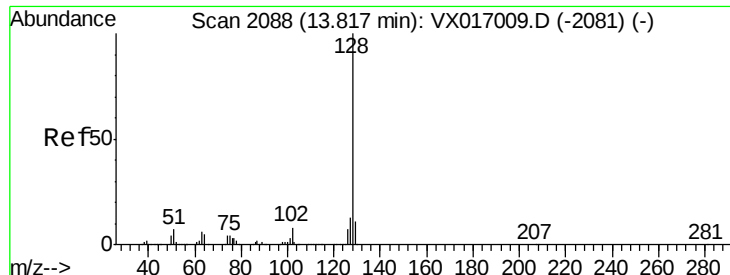
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017097.D
Acq: 01 Jul 2020 14:52

Tgt Ion:152 Resp: 208628
Ion Ratio Lower Upper
152 100
115 56.8 40.9 122.7
150 154.2 0.0 351.6



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





#95

Naphthalene

Concen: 50.276 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017097.D

Acq: 01 Jul 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

I-LDC-3

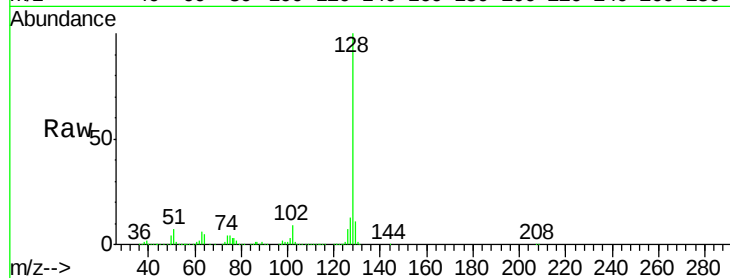
Tot Ion:128 Resp: 665177

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.7 13.1



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

