

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
 Data File : VX016467.D
 Acq On : 27 May 2020 23:40
 Operator : JC/SP
 Sample : L2786-01 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LD-C

Quant Time: May 28 08:04:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	346358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	573903	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	571251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	298972	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	204845	47.62	ug/l	0.00
Spiked Amount						
			Recovery	=	95.24%	
35) Dibromofluoromethane	5.47	113	169511	47.97	ug/l	0.00
Spiked Amount						
			Recovery	=	95.94%	
50) Toluene-d8	8.70	98	713914	51.91	ug/l	0.00
Spiked Amount						
			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.12	95	298450	56.16	ug/l	0.00
Spiked Amount						
			Recovery	=	112.32%	

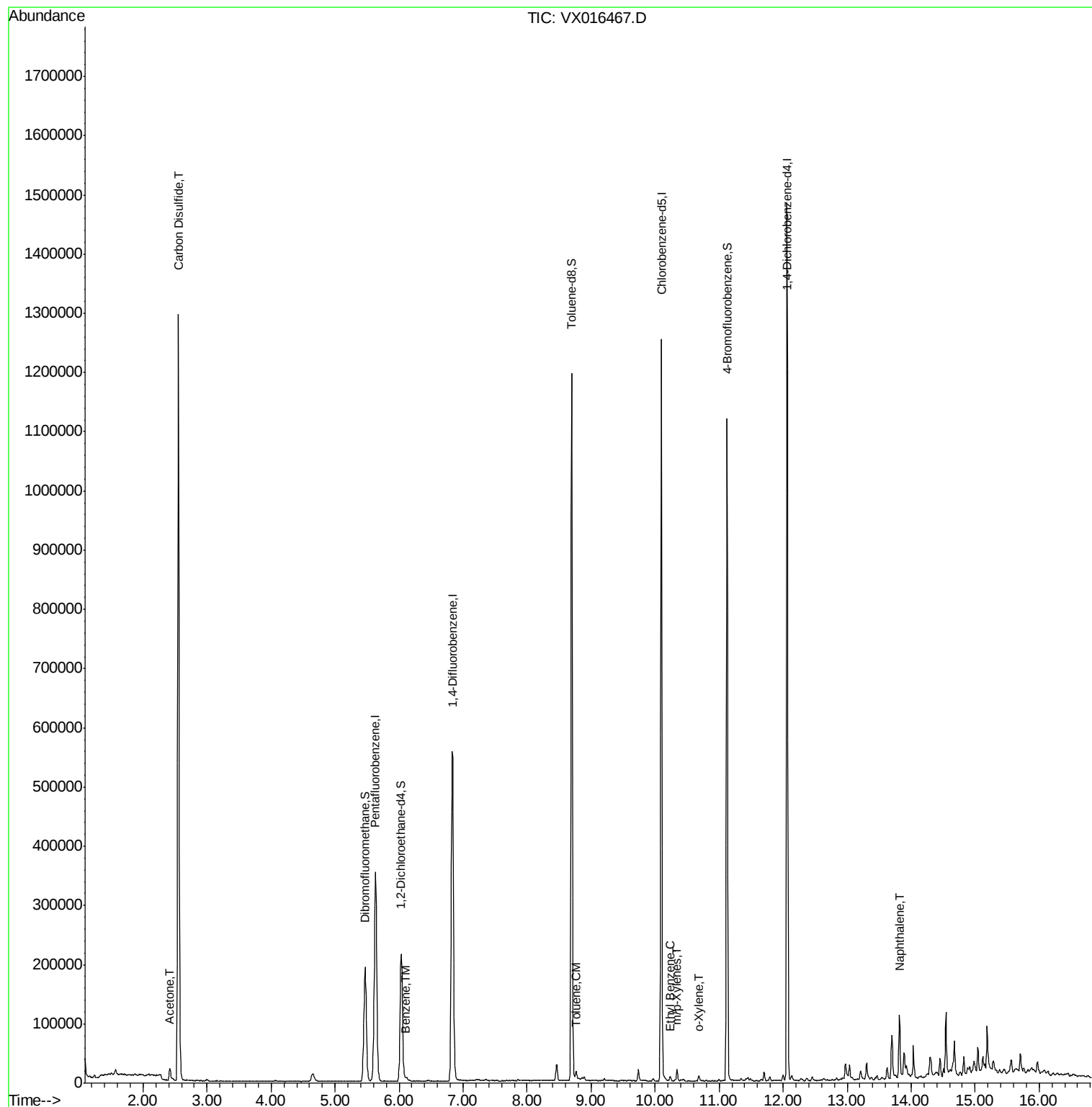
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	20395	10.822	ug/l	97
17) Carbon Disulfide	2.55	76	1626423	164.336	ug/l	99
40) Benzene	6.11	78	6112	0.378	ug/l	98
52) Toluene	8.77	92	4894	0.480	ug/l	100
67) Ethyl Benzene	10.23	91	4255	0.205	ug/l	95
68) m/p-Xylenes	10.34	106	4542	0.591	ug/l	94
69) o-Xylene	10.68	106	1798	0.241	ug/l	86
95) Naphthalene	13.82	128	60242	2.901	ug/l	99

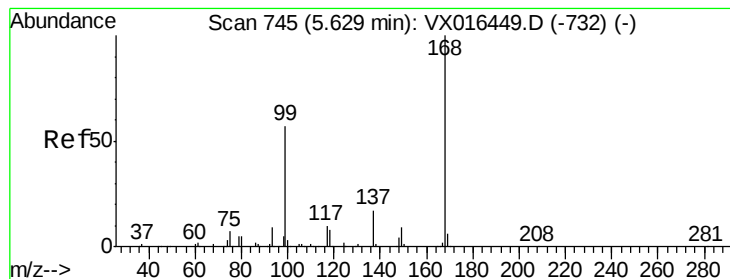
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 28 08:04:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016467.D

Acq: 27 May 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

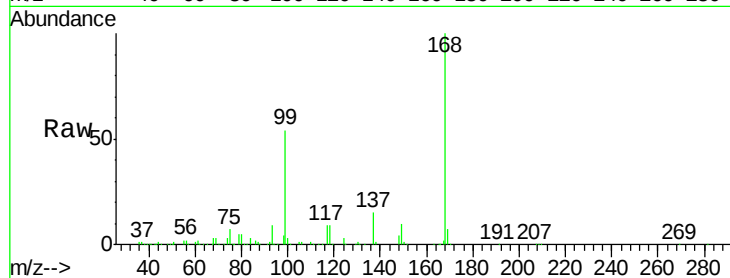
LD-C

Tot Ion:168 Resp: 346358

Ion Ratio Lower Upper

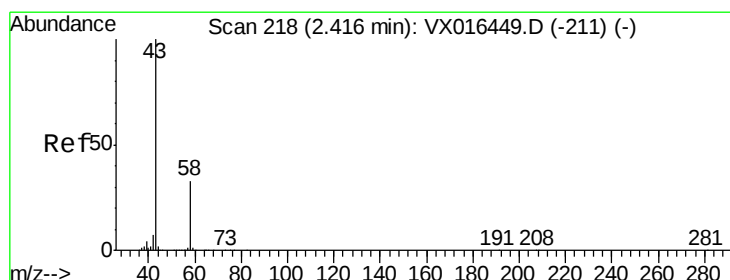
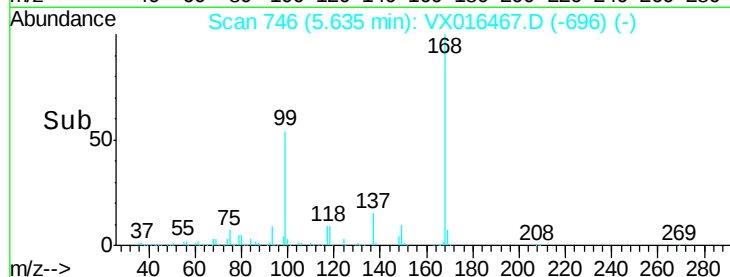
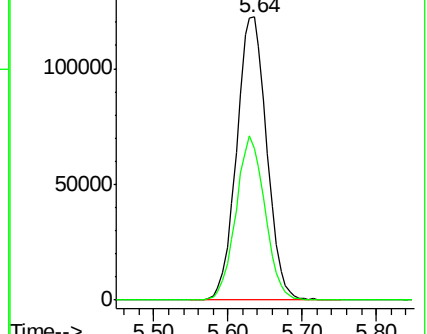
168 100

99 53.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 10.822 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016467.D

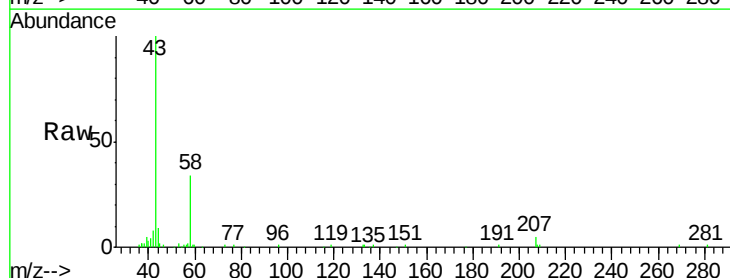
Acq: 27 May 2020 23:40

Tgt Ion: 43 Resp: 20395

Ion Ratio Lower Upper

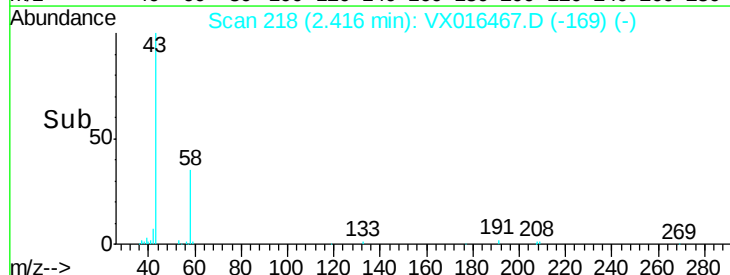
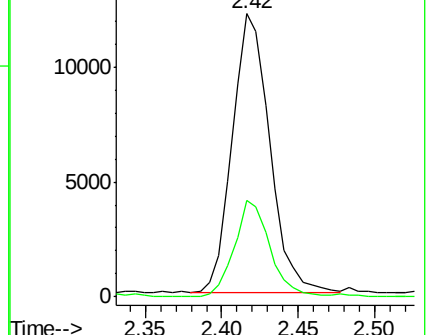
43 100

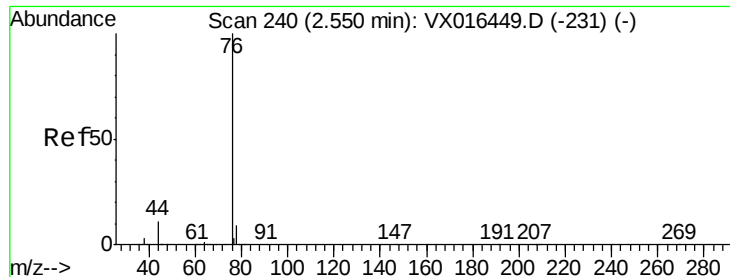
58 34.6 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 164.336 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016467.D

Acq: 27 May 2020 23:40

Instrument :

MSVOA_X

ClientSampled :

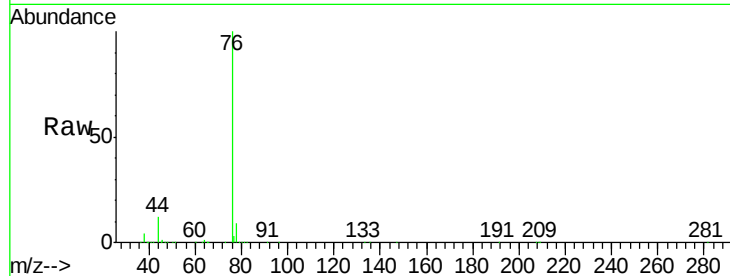
LD-C

Tot Ion: 76 Resp: 1626423

Ion Ratio Lower Upper

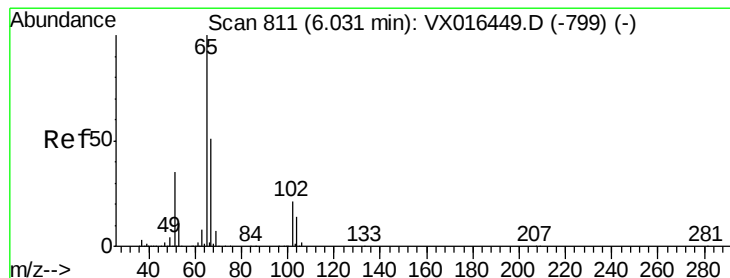
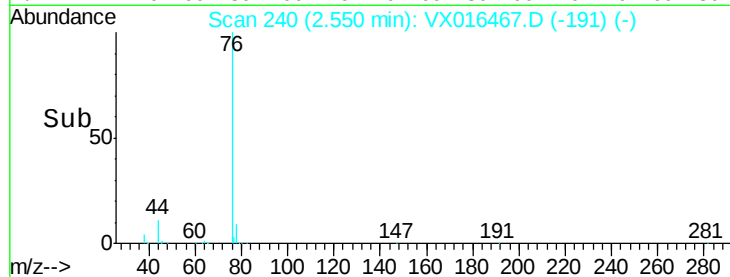
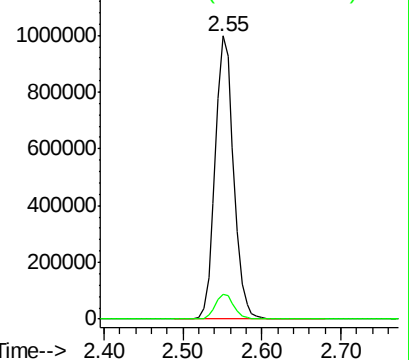
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.624 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016467.D

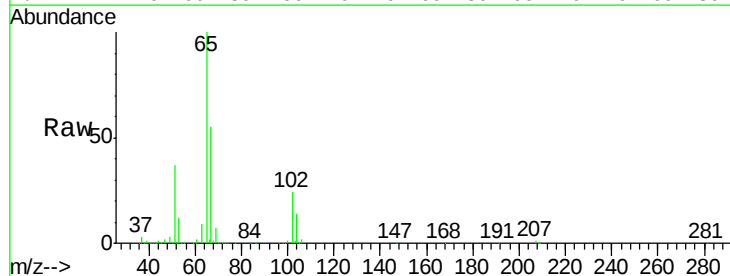
Acq: 27 May 2020 23:40

Tgt Ion: 65 Resp: 204845

Ion Ratio Lower Upper

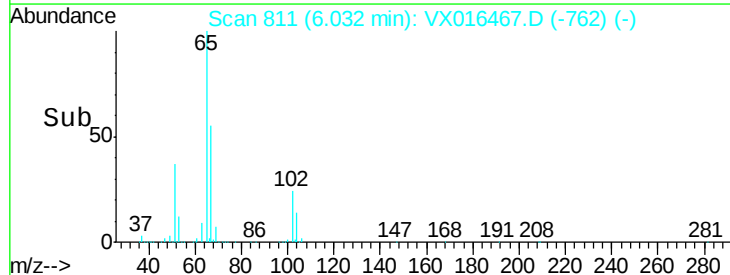
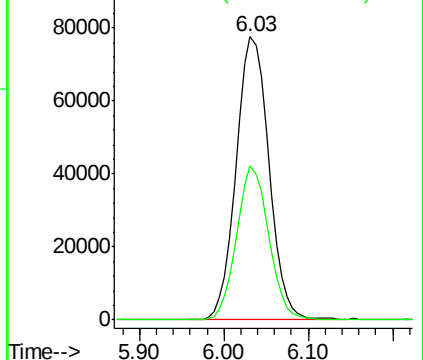
65 100

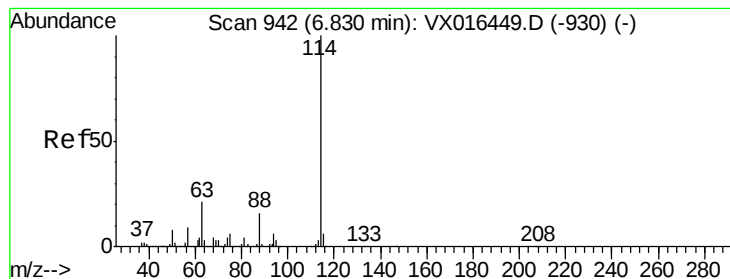
67 52.9 0.0 104.8



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: VX016467.D

Acq: 27 May 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

LD-C

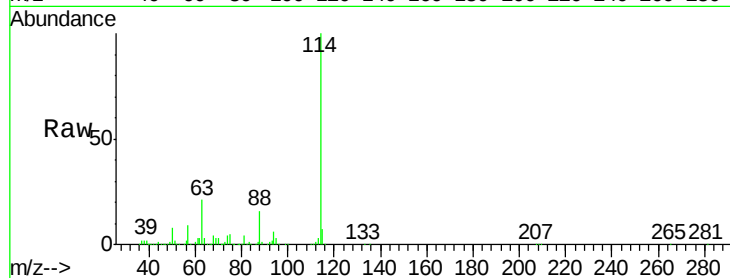
Tot Ion:114 Resp: 573903

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

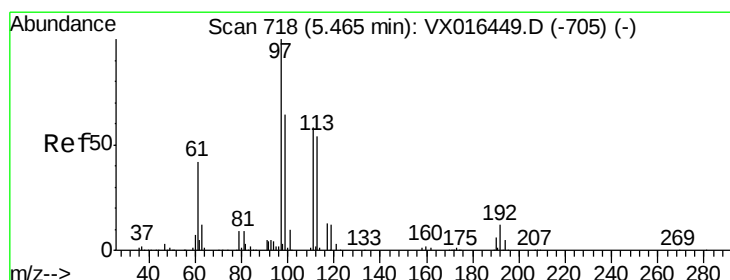
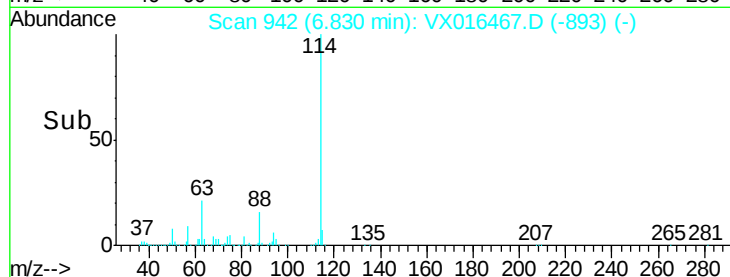
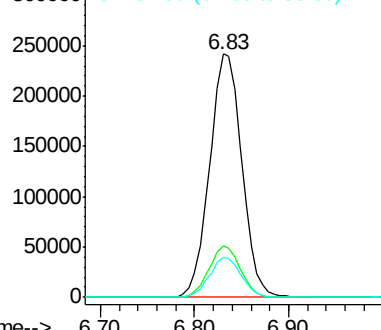
88 16.4 0.0 32.8



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: 47.969 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016467.D

Acq: 27 May 2020 23:40

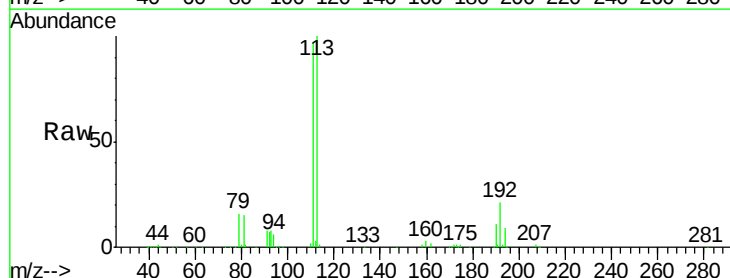
Tgt Ion:113 Resp: 169511

Ion Ratio Lower Upper

113 100

111 100.6 83.0 124.6

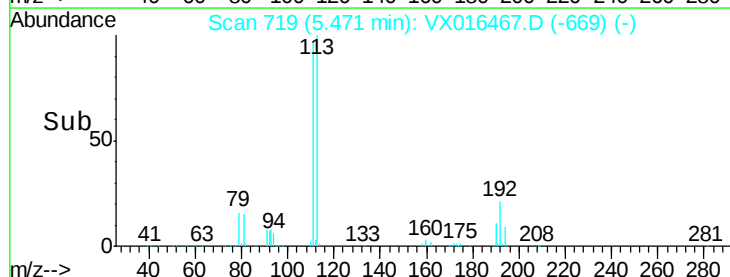
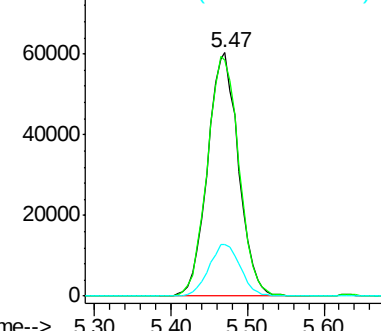
192 21.7 17.7 26.5

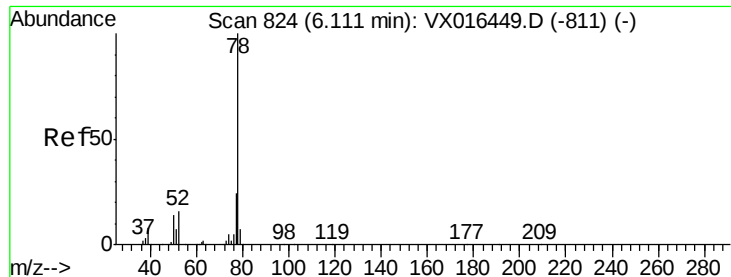


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.378 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX016467.D

Acq: 27 May 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

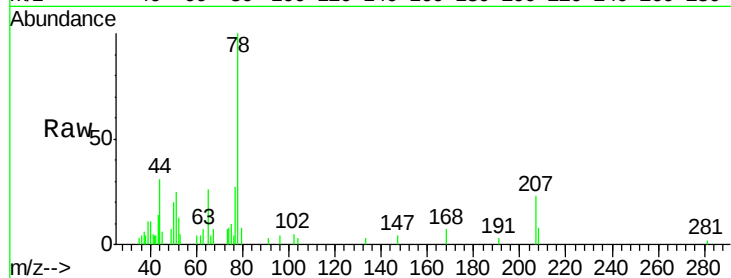
LD-C

Tot Ion: 78 Resp: 6112

Ion Ratio Lower Upper

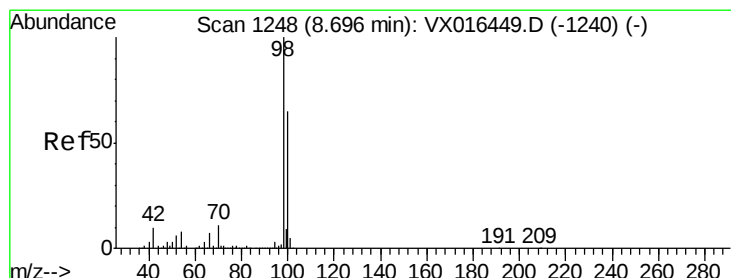
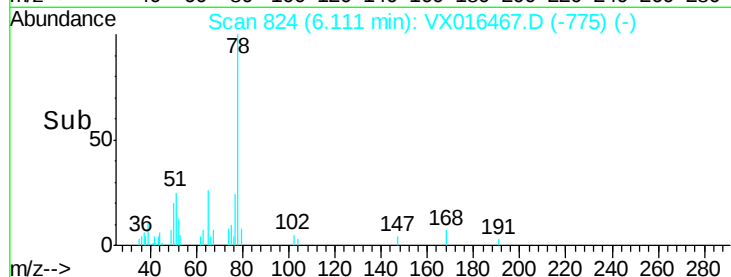
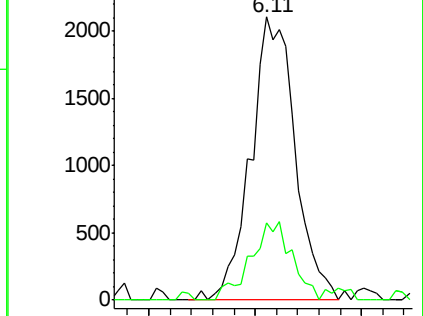
78 100

77 24.7 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 51.905 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016467.D

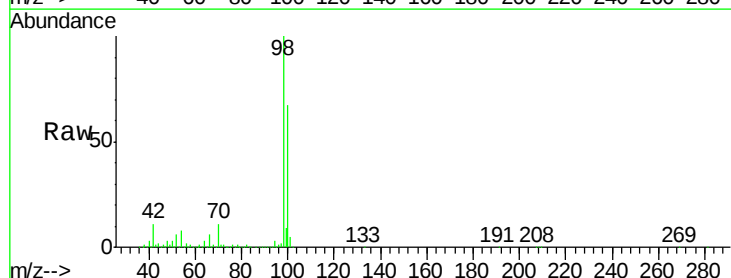
Acq: 27 May 2020 23:40

Tgt Ion: 98 Resp: 713914

Ion Ratio Lower Upper

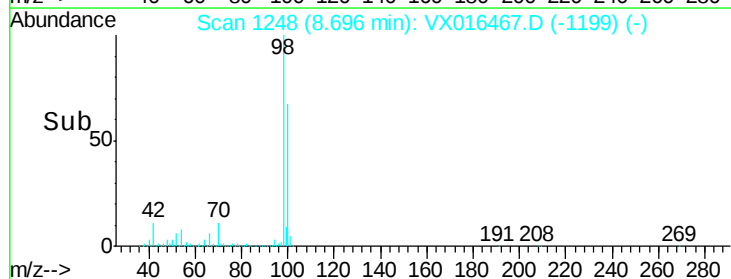
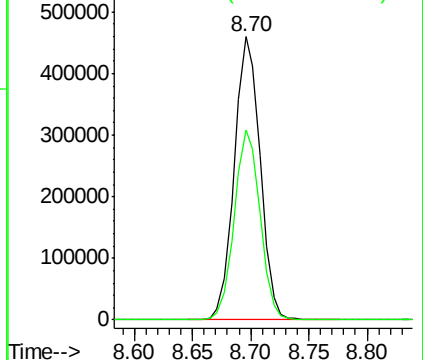
98 100

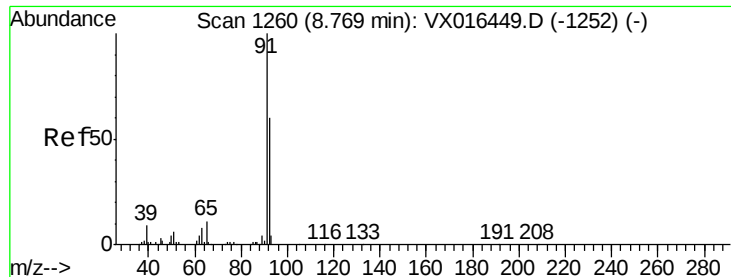
100 66.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.480 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016467.D

Acq: 27 May 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

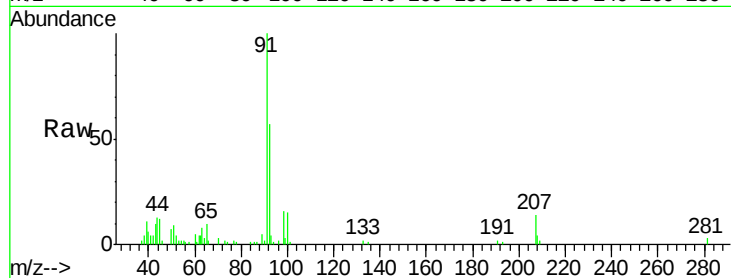
LD-C

Tot Ion: 92 Resp: 4894

Ion Ratio Lower Upper

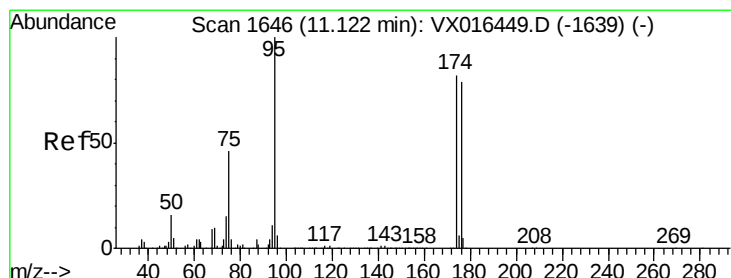
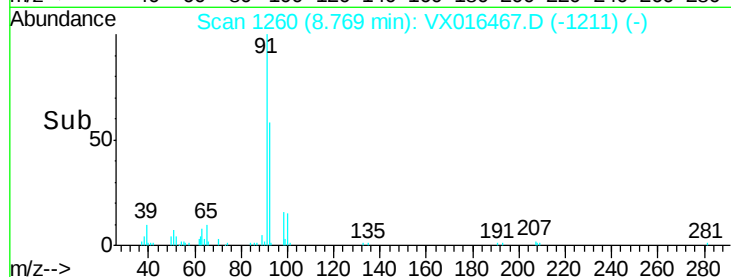
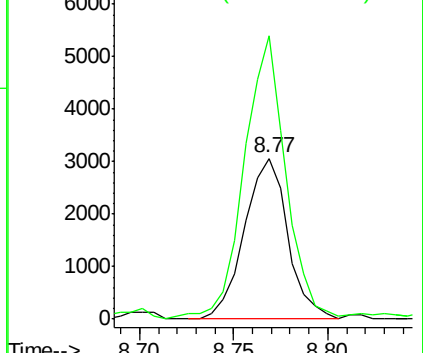
92 100

91 168.3 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 56.156 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016467.D

Acq: 27 May 2020 23:40

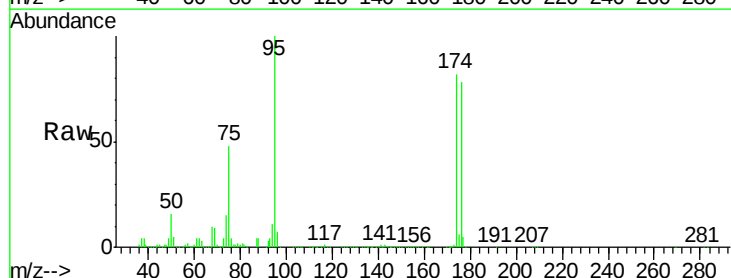
Tgt Ion: 95 Resp: 298450

Ion Ratio Lower Upper

95 100

174 79.3 0.0 163.0

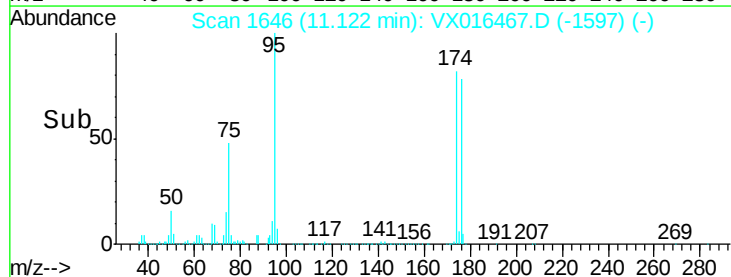
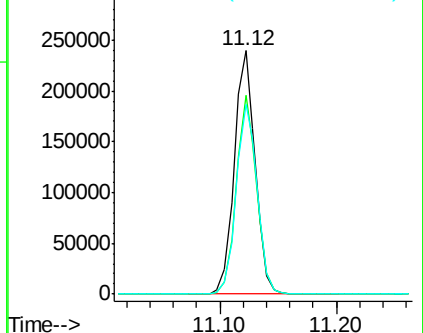
176 78.3 0.0 156.8

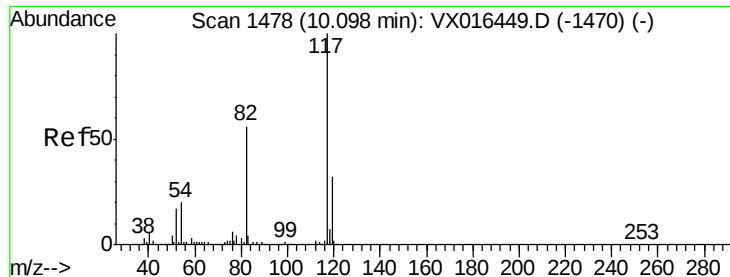


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

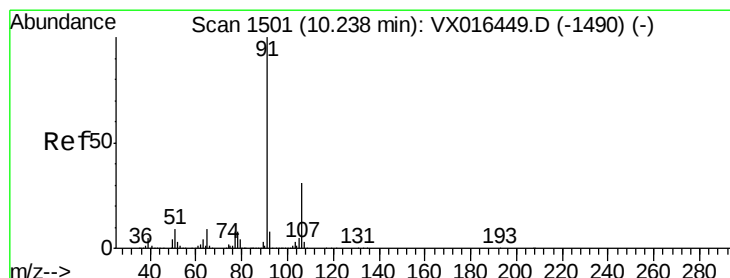
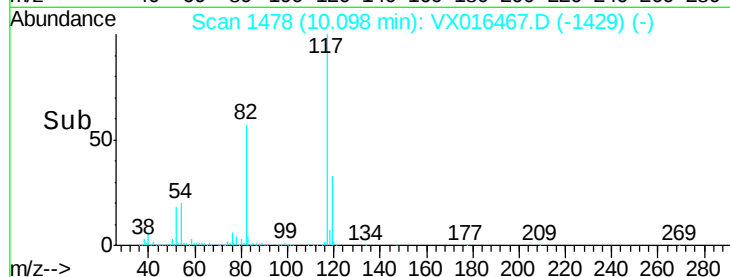
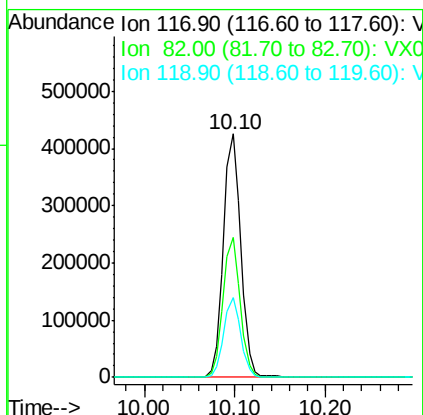
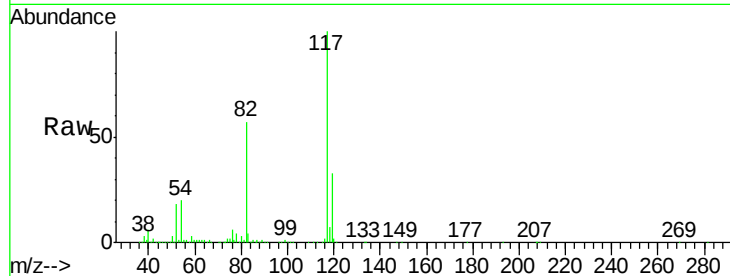




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016467.D
Acq: 27 May 2020 23:40

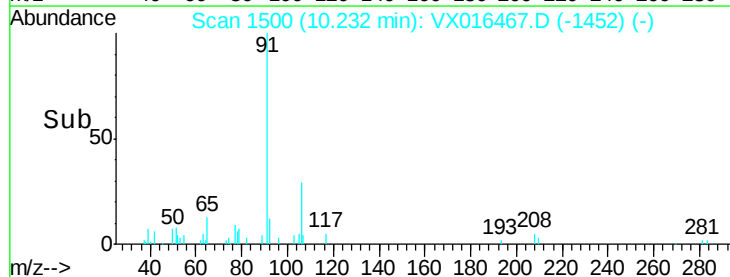
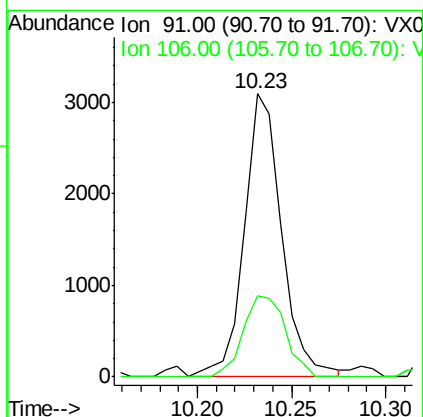
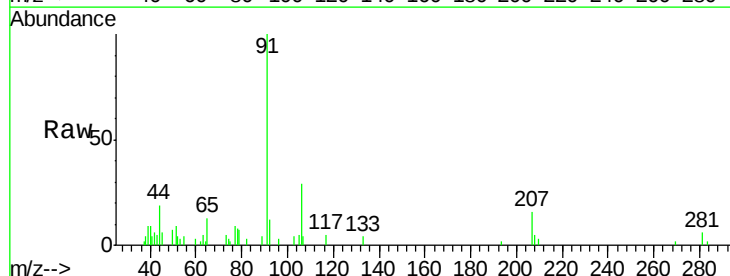
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LD-C

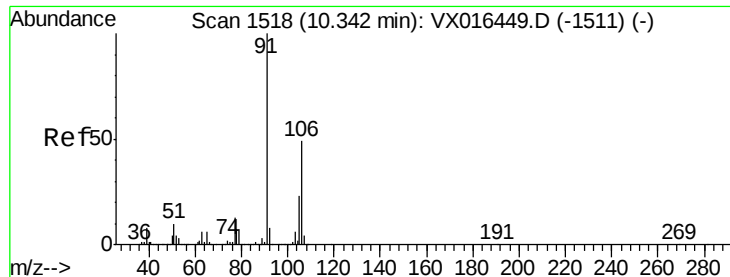
Tot Ion:117 Resp: 571251
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.6
119 32.5 25.8 38.8



#67
Ethyl Benzene
Concen: 0.205 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016467.D
Acq: 27 May 2020 23:40

Tgt Ion: 91 Resp: 4255
Ion Ratio Lower Upper
91 100
106 28.5 25.0 37.4

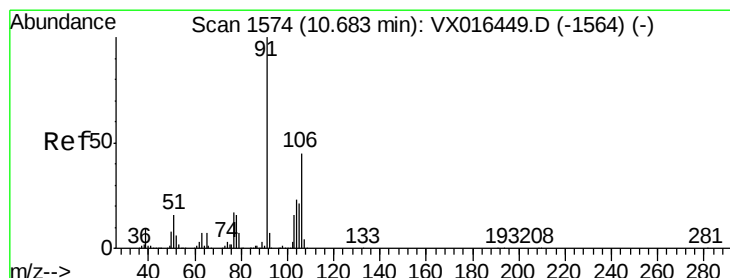
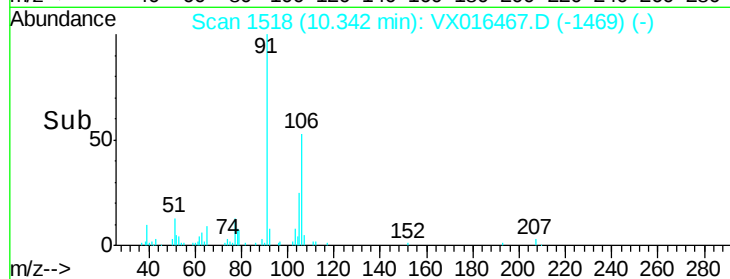
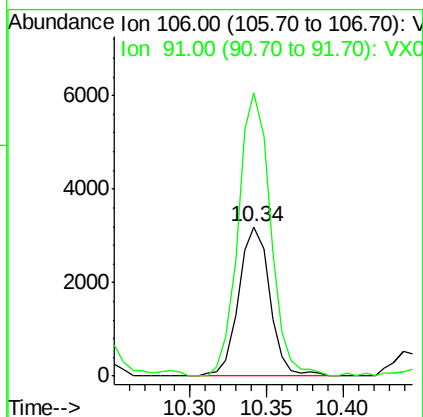
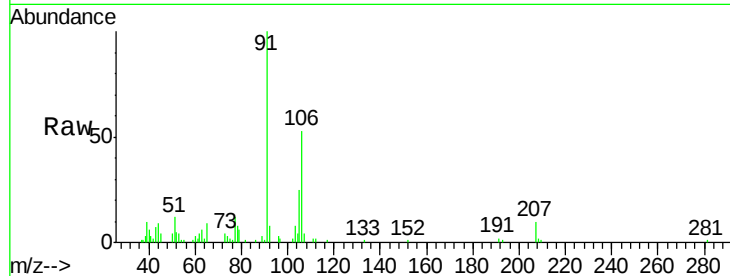




#68
m/p-Xvlenes
Concen: 0.591 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016467.D
Acq: 27 May 2020 23:40

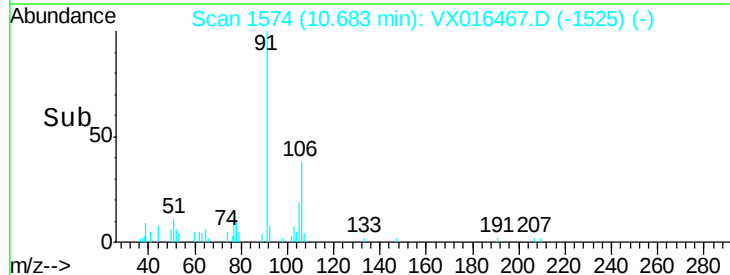
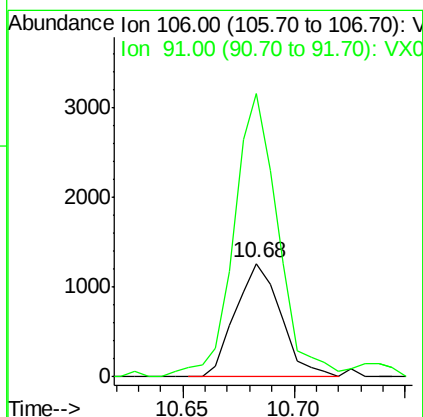
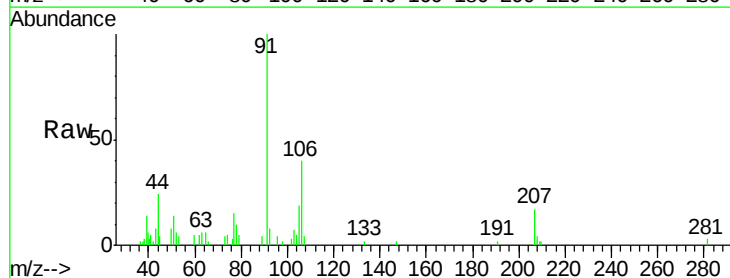
Instrument :
MSVOA_X
ClientSampled :
LD-C

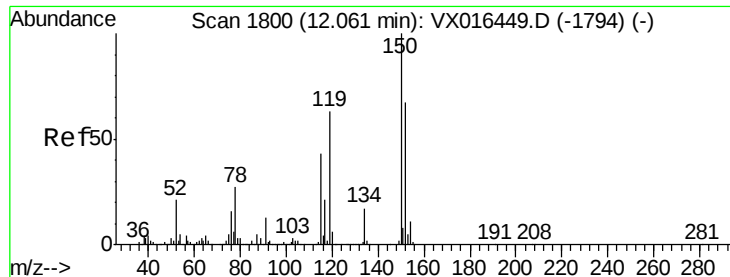
Tot Ion:106 Resp: 4542
Ion Ratio Lower Upper
106 100
91 195.3 163.8 245.8



#69
o-Xylene
Concen: 0.241 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016467.D
Acq: 27 May 2020 23:40

Tgt Ion:106 Resp: 1798
Ion Ratio Lower Upper
106 100
91 241.9 109.6 328.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016467.D

Acq: 27 May 2020 23:40

Instrument :

MSVOA_X

ClientSampled :

LD-C

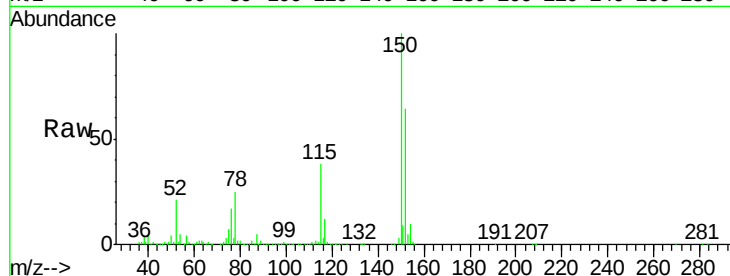
Tot Ion:152 Resp: 298972

Ion Ratio Lower Upper

152 100

115 59.6 39.9 119.6

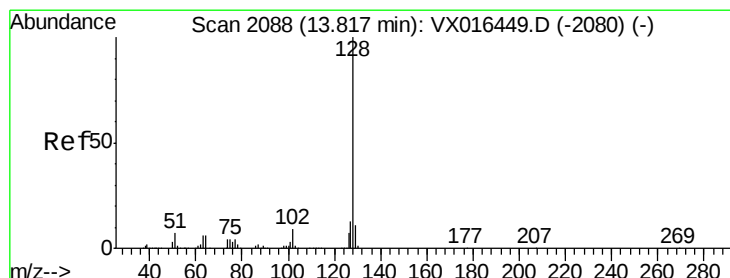
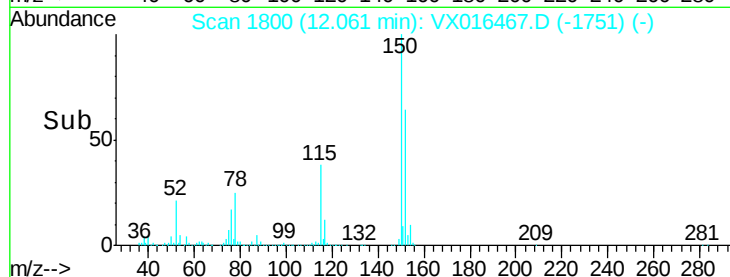
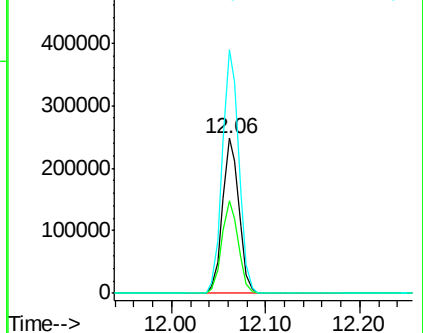
150 158.2 0.0 341.0



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



#95

Naphthalene

Concen: 2.901 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016467.D

Acq: 27 May 2020 23:40

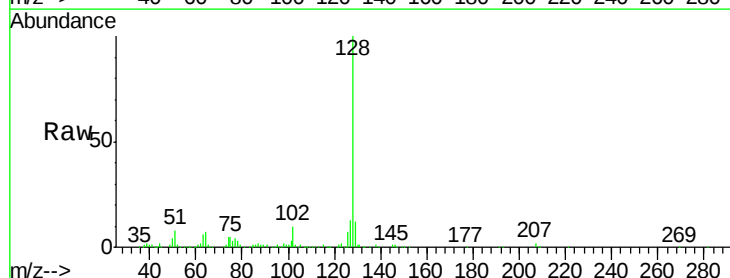
Tgt Ion:128 Resp: 60242

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 11.1 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

