

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
 Data File : VX016482.D
 Acq On : 28 May 2020 14:01
 Operator : JC/SP
 Sample : L2786-01 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LD-C

Quant Time: May 28 14:44:14 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	5.63	168	289481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	474077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	482884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	252312	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	176115	48.99	ug/l	0.00
Spiked Amount						
			Recovery	=	97.98%	
35) Dibromofluoromethane	5.46	113	144822	49.61	ug/l	0.00
Spiked Amount						
			Recovery	=	99.22%	
50) Toluene-d8	8.70	98	591262	52.04	ug/l	0.00
Spiked Amount						
			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.12	95	249856	56.91	ug/l	0.00
Spiked Amount						
			Recovery	=	113.82%	

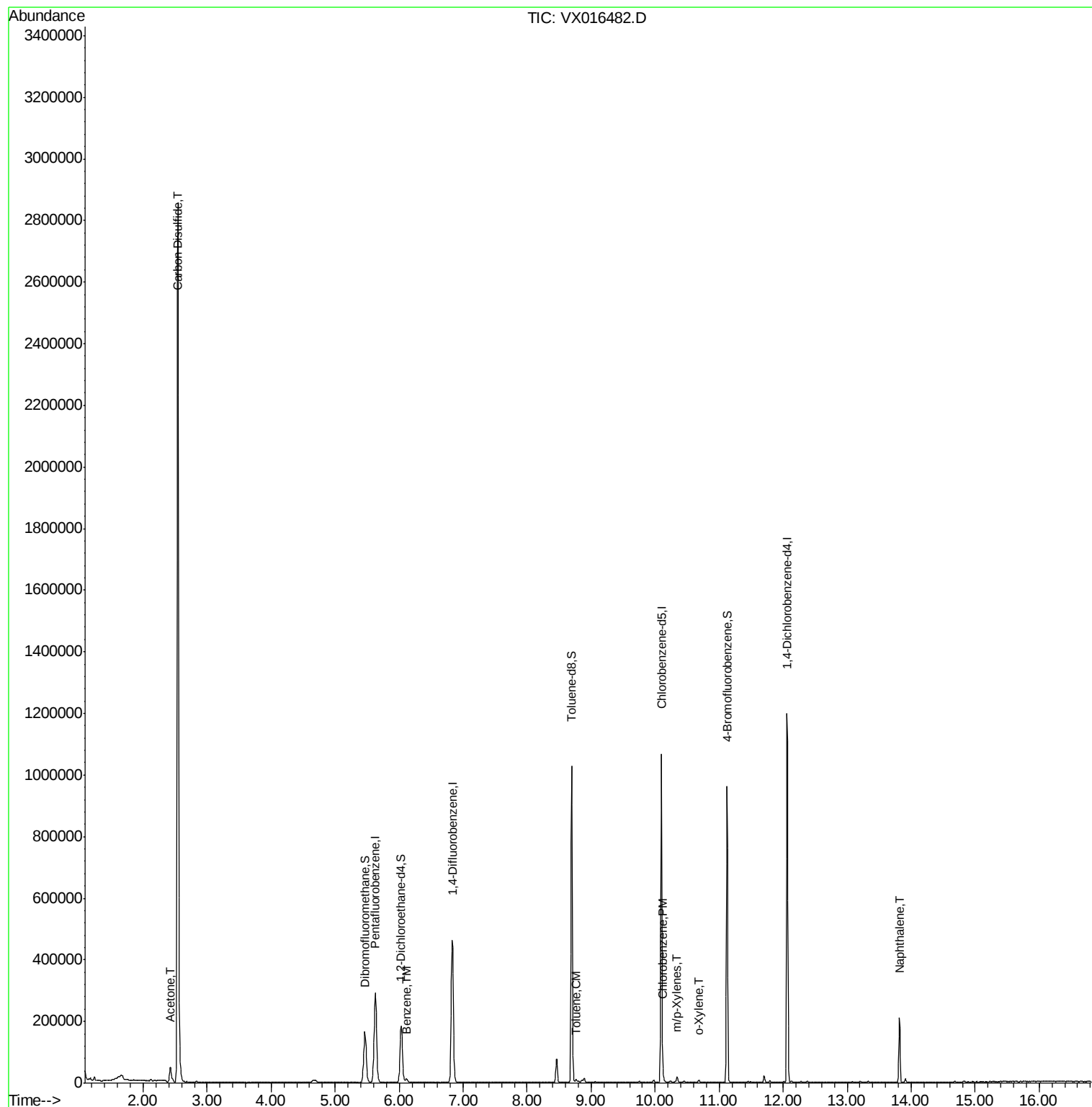
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	53800	34.158	ug/l	96
17) Carbon Disulfide	2.54	76	3625191	438.264	ug/l	100
40) Benzene	6.12	78	13394	1.002	ug/l #	85
52) Toluene	8.77	92	2718	0.322	ug/l	90
65) Chlorobenzene	10.12	112	9545	0.970	ug/l	97
68) m/p-Xylenes	10.34	106	3565	0.549	ug/l	96
69) o-Xylene	10.68	106	1561	0.248	ug/l	80
95) Naphthalene	13.82	128	126472	7.218	ug/l	99

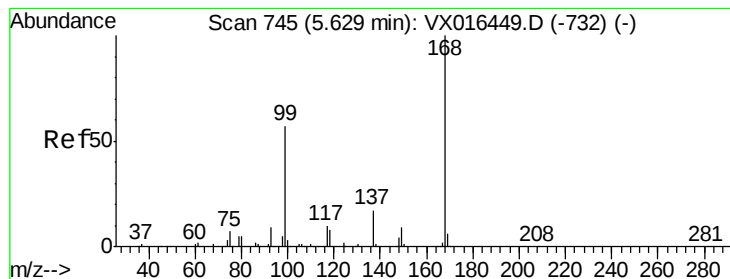
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 28 14:44:14 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: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016482.D

Acq: 28 May 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

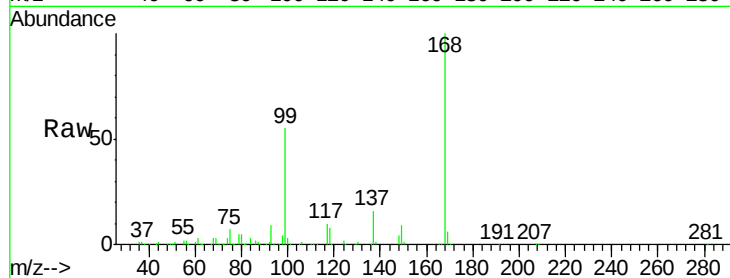
LD-C

Tot Ion:168 Resp: 289481

Ion Ratio Lower Upper

168 100

99 54.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

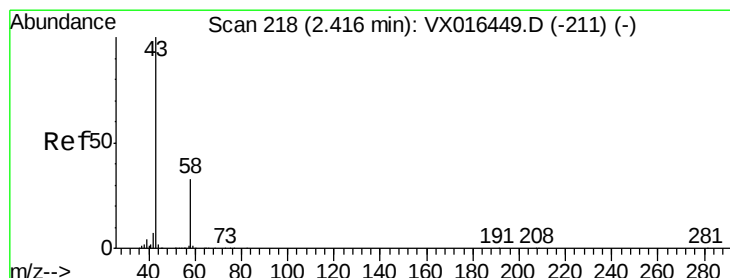
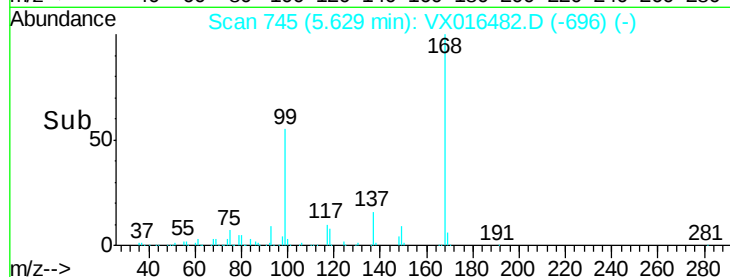
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 34.158 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX016482.D

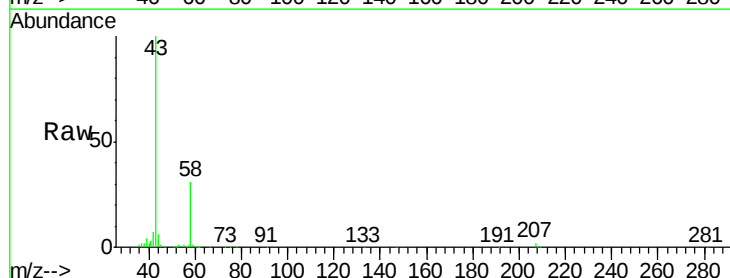
Acq: 28 May 2020 14:01

Tgt Ion: 43 Resp: 53800

Ion Ratio Lower Upper

43 100

58 30.6 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

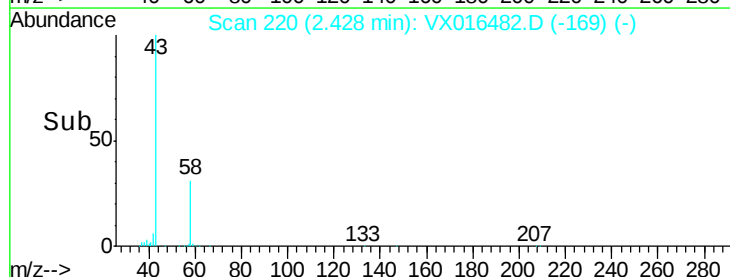
30000

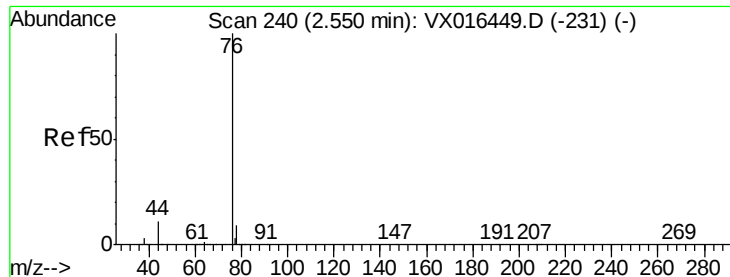
20000

10000

0

Time-->





#17

Carbon Disulfide

Concen: 438.264 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016482.D

Acq: 28 May 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

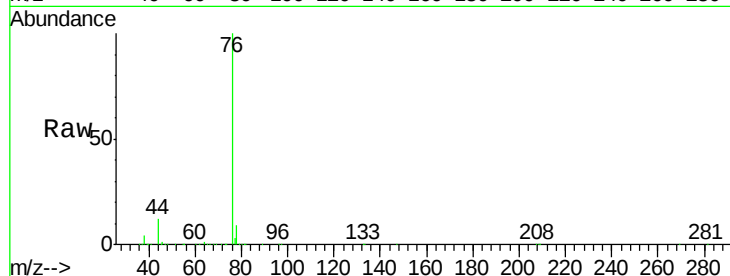
LD-C

Tot Ion: 76 Resp: 3625191

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2500000

2000000

1500000

1000000

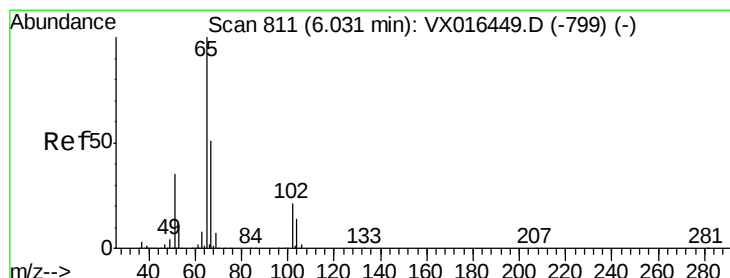
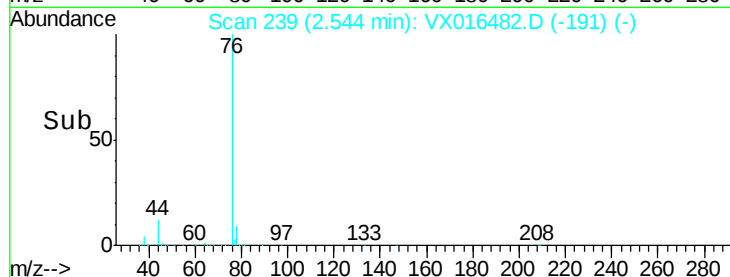
500000

0

Time-->

2.40 2.50 2.60 2.70 2.80

2.54



#33

1,2-Dichloroethane-d4

Concen: 48.989 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016482.D

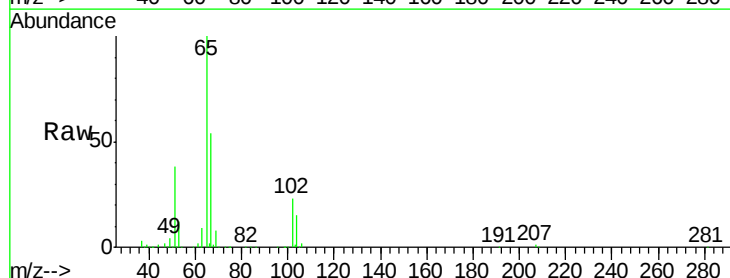
Acq: 28 May 2020 14:01

Tgt Ion: 65 Resp: 176115

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

40000

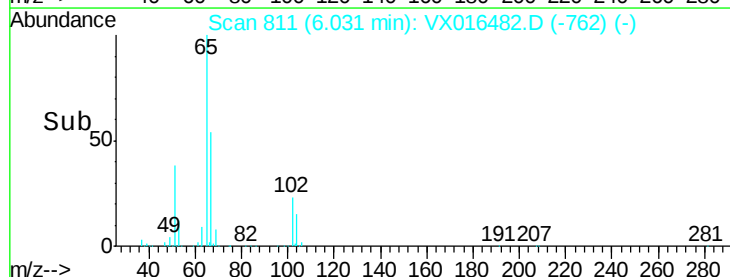
20000

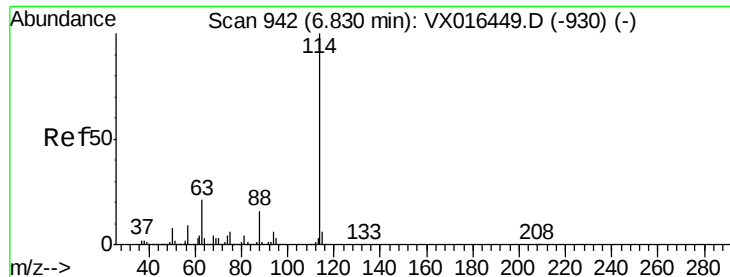
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Time-->

5.90 6.00 6.10

6.03





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016482.D

Acq: 28 May 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

LD-C

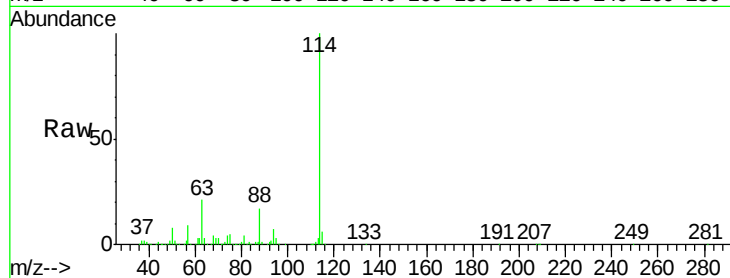
Tot Ion:114 Resp: 474077

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

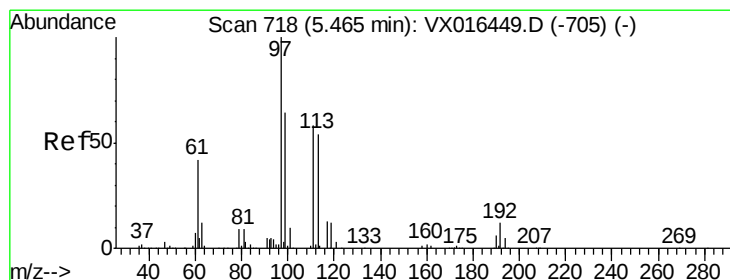
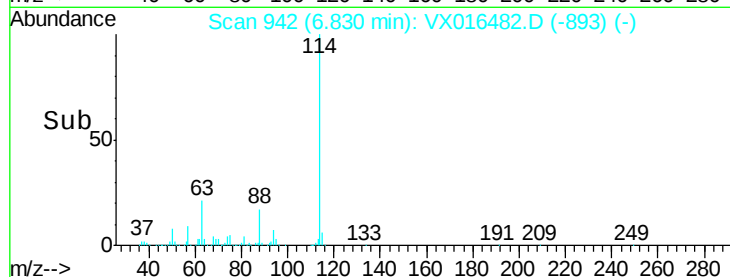
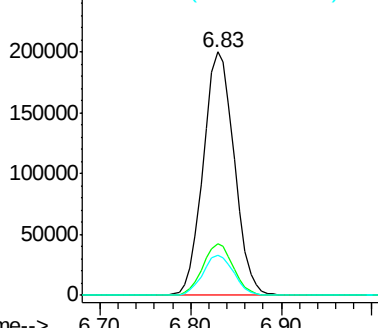
88 16.6 0.0 32.8



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: 49.612 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016482.D

Acq: 28 May 2020 14:01

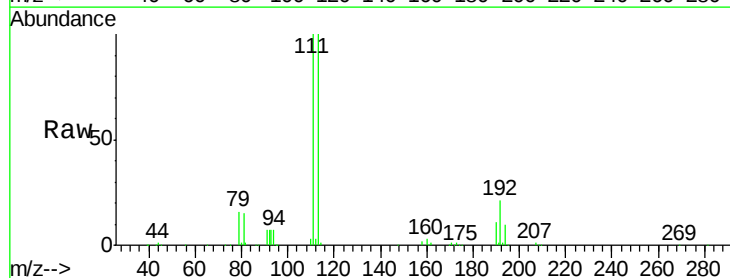
Tgt Ion:113 Resp: 144822

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

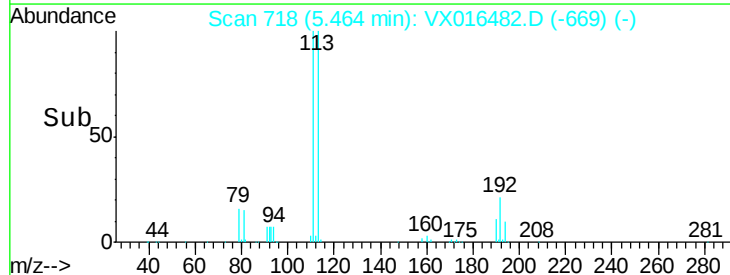
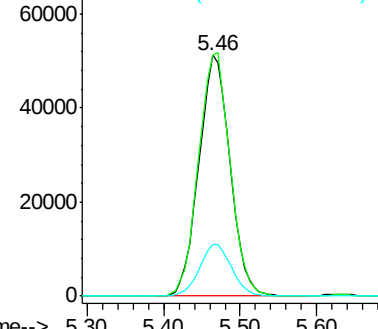
192 22.0 17.7 26.5

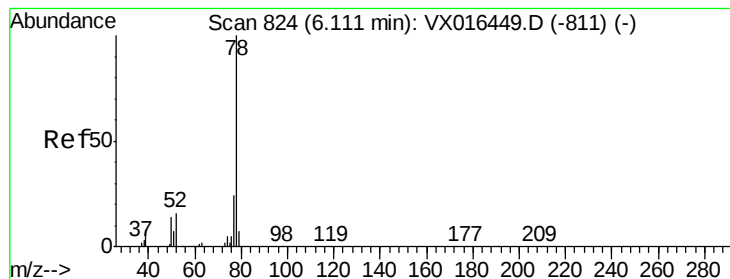


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.002 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX016482.D

Acq: 28 May 2020 14:01

Instrument :

MSVOA_X

ClientSampled :

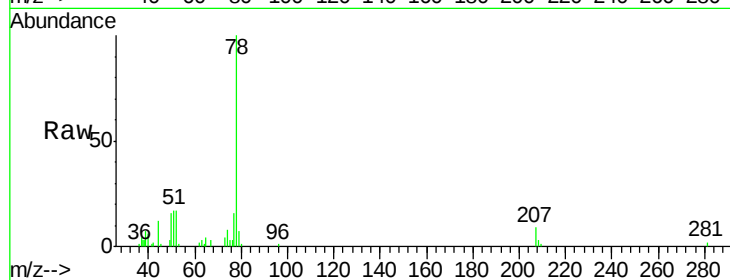
LD-C

Tot Ion: 78 Resp: 13394

Ion Ratio Lower Upper

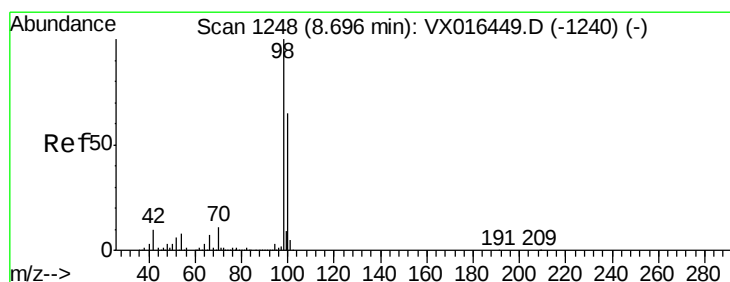
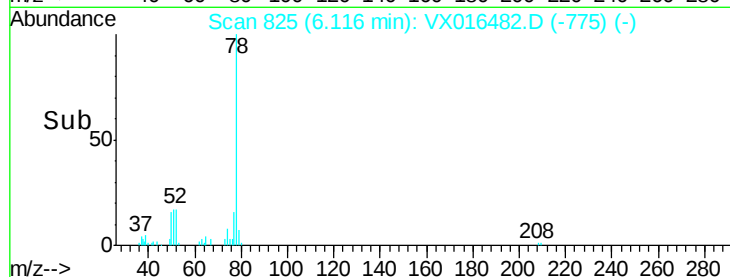
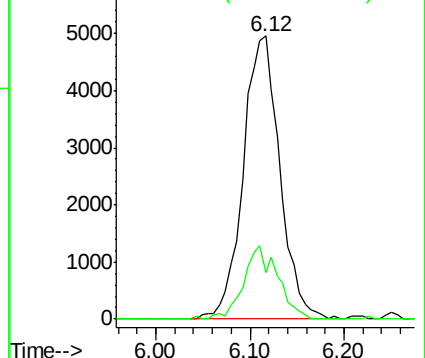
78 100

77 16.4 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: 52.039 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016482.D

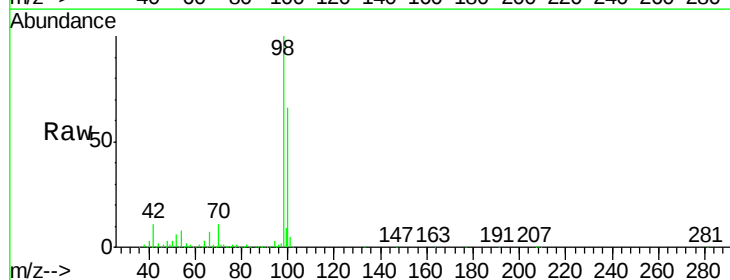
Acq: 28 May 2020 14:01

Tgt Ion: 98 Resp: 591262

Ion Ratio Lower Upper

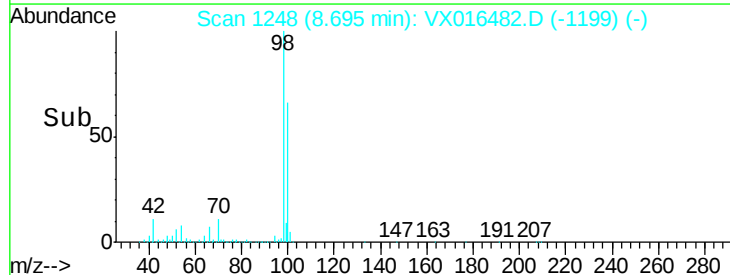
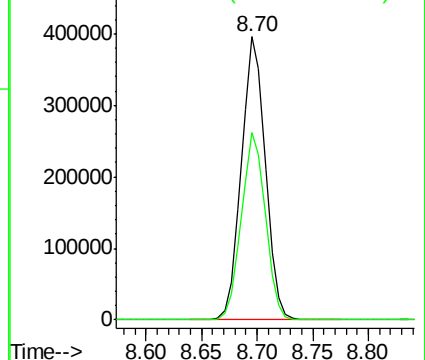
98 100

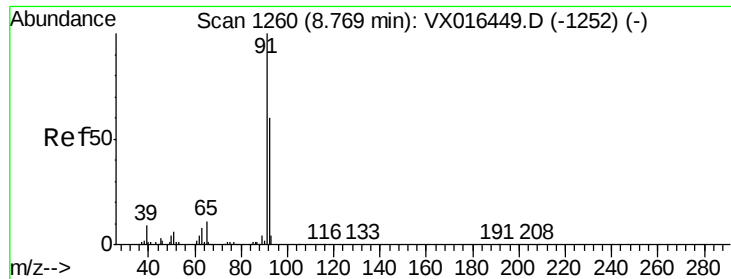
100 66.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.322 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016482.D

Acq: 28 May 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

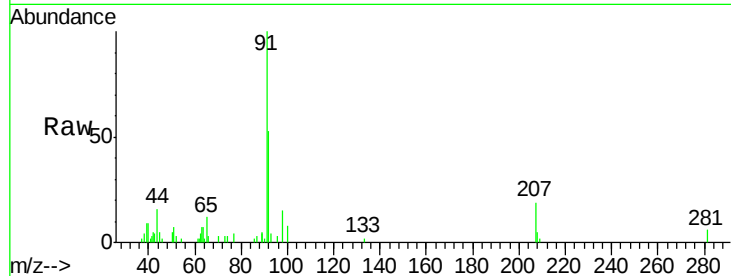
LD-C

Tot Ion: 92 Resp: 2718

Ion Ratio Lower Upper

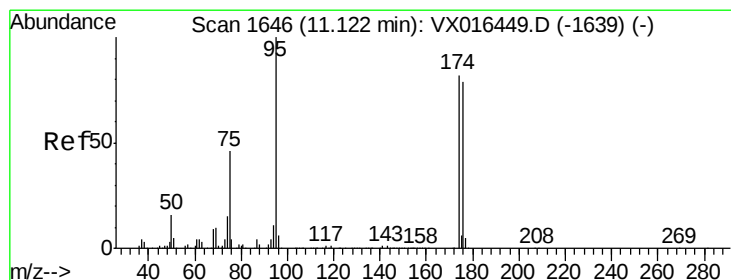
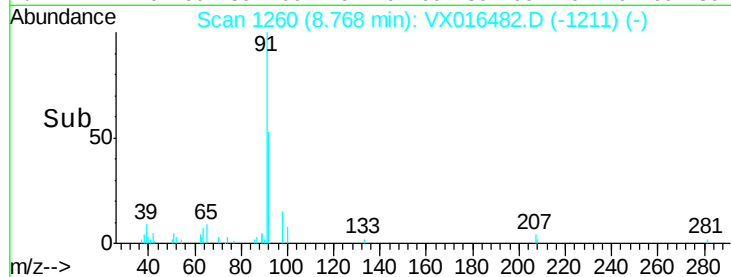
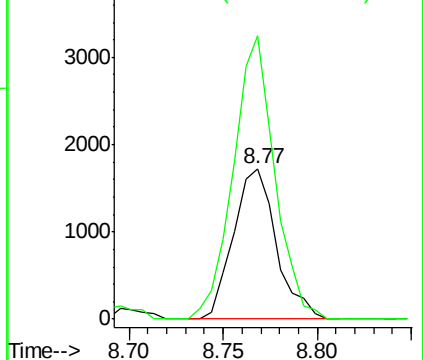
92 100

91 181.7 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 56.912 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016482.D

Acq: 28 May 2020 14:01

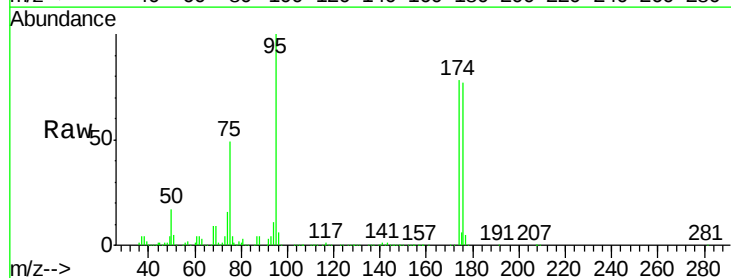
Tgt Ion: 95 Resp: 249856

Ion Ratio Lower Upper

95 100

174 82.7 0.0 163.0

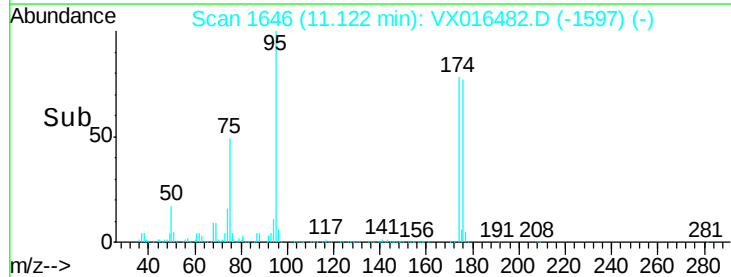
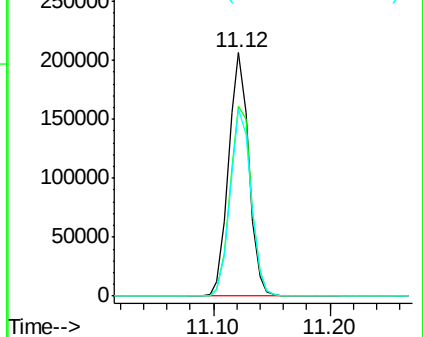
176 79.2 0.0 156.8

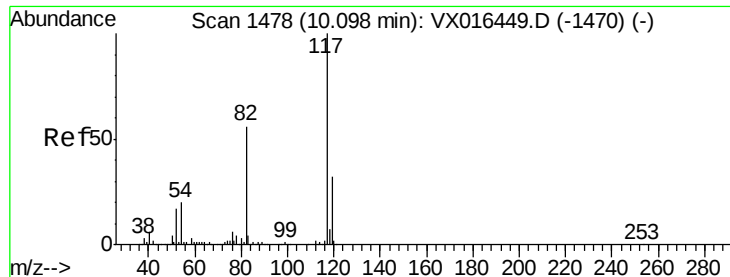


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

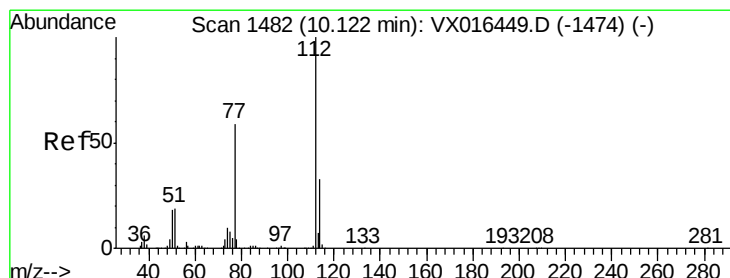
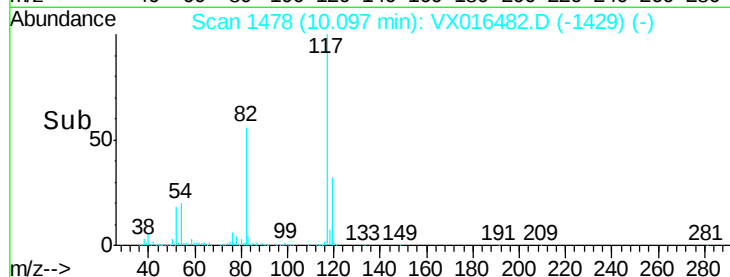
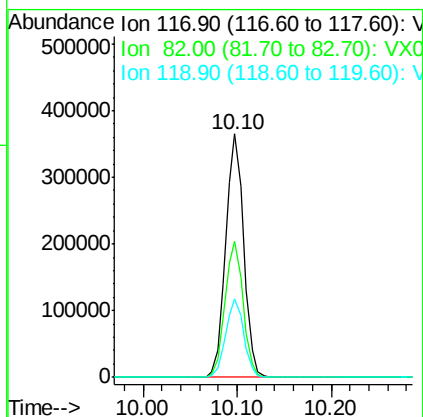
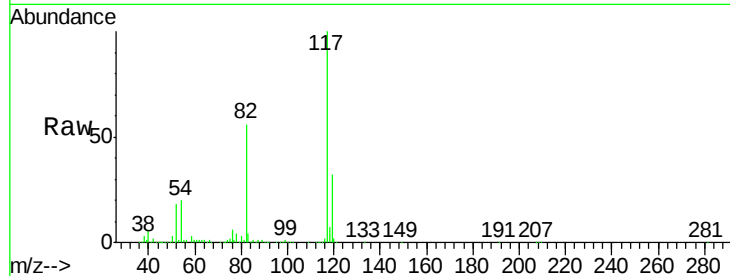




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016482.D
Acq: 28 May 2020 14:01

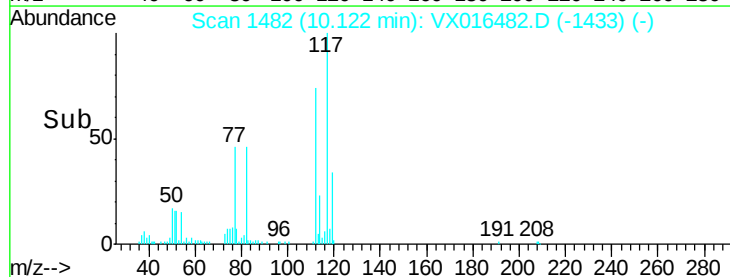
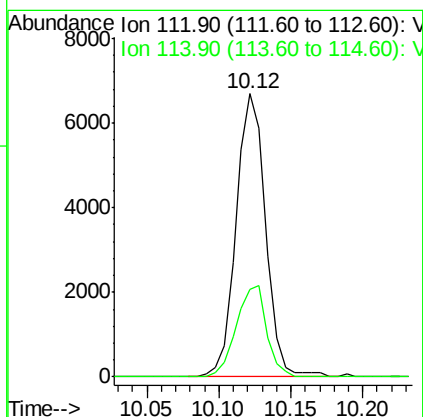
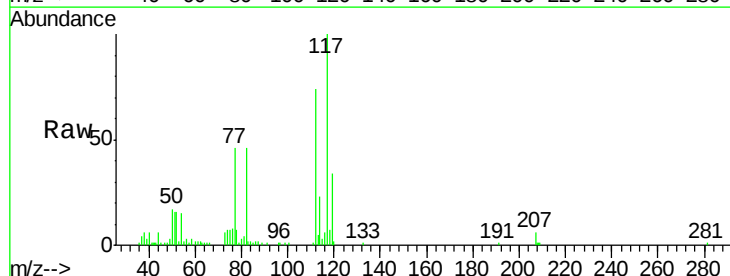
Instrument :
MSVOA_X
ClientSampleId :
LD-C

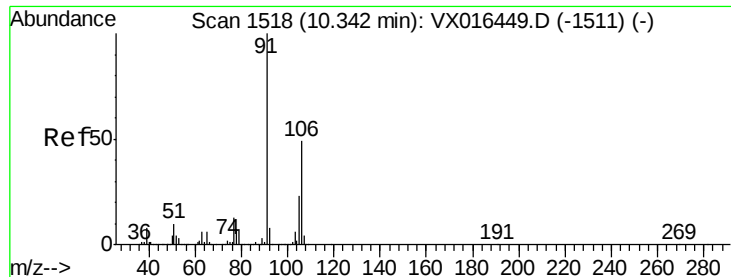
Tot Ion:117 Resp: 482884
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.6
119 32.4 25.8 38.8



#65
Chlorobenzene
Concen: 0.970 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016482.D
Acq: 28 May 2020 14:01

Tgt Ion:112 Resp: 9545
Ion Ratio Lower Upper
112 100
114 30.9 26.0 39.0





#68

m/p-Xylenes

Concen: 0.549 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016482.D

Acq: 28 May 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

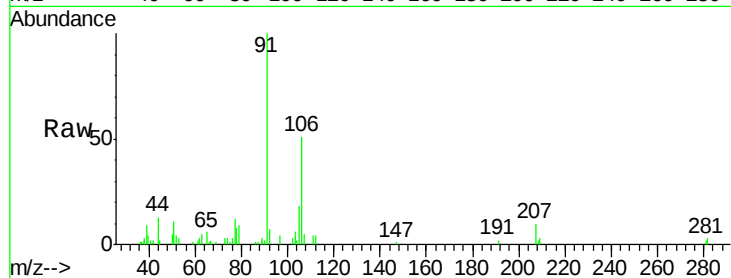
LD-C

Tot Ion:106 Resp: 3565

Ion Ratio Lower Upper

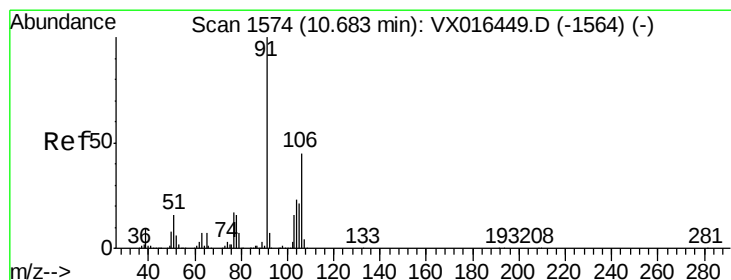
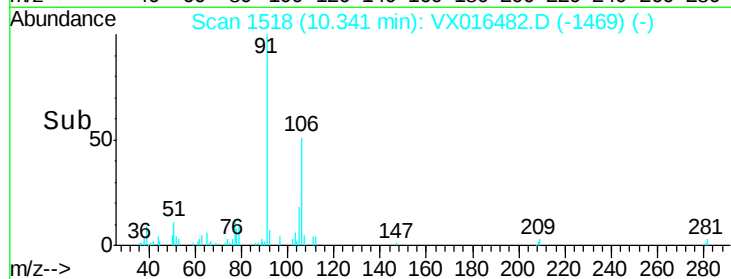
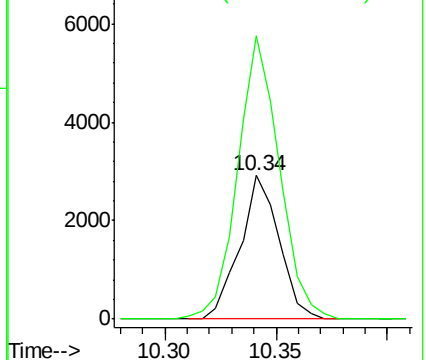
106 100

91 210.2 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.248 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016482.D

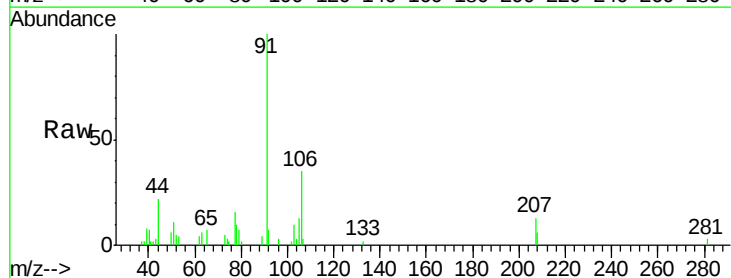
Acq: 28 May 2020 14:01

Tgt Ion:106 Resp: 1561

Ion Ratio Lower Upper

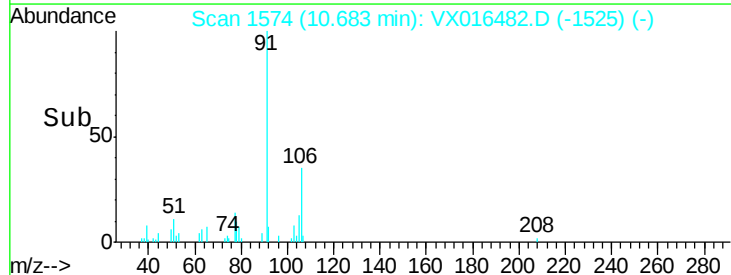
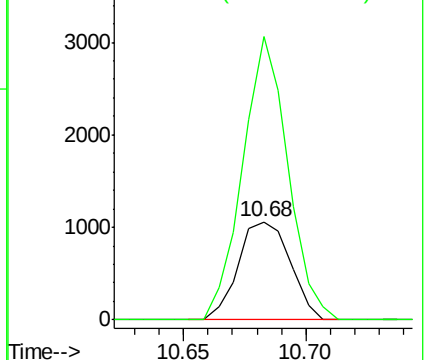
106 100

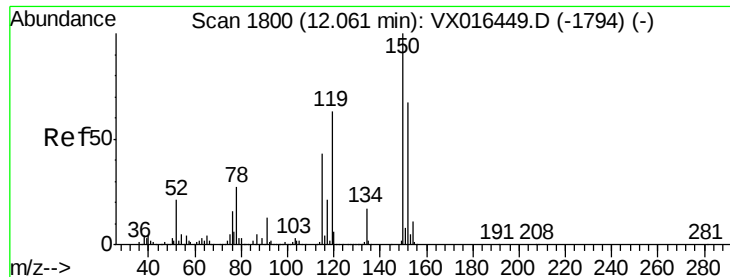
91 252.0 109.6 328.8



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: VX016482.D

Acq: 28 May 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

LD-C

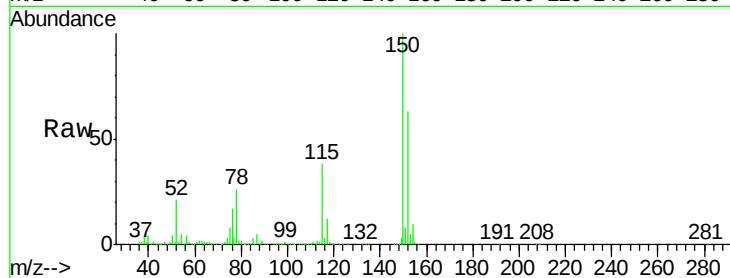
Tot Ion:152 Resp: 252312

Ion Ratio Lower Upper

152 100

115 58.9 39.9 119.6

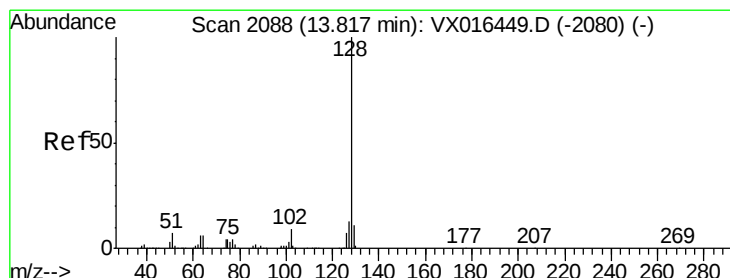
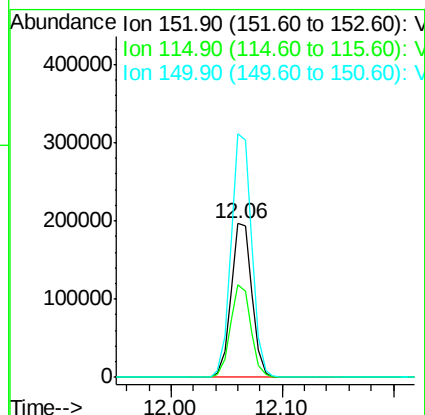
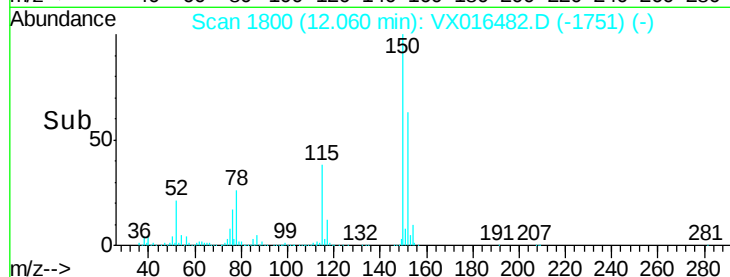
150 157.3 0.0 341.0



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: 7.218 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016482.D

Acq: 28 May 2020 14:01

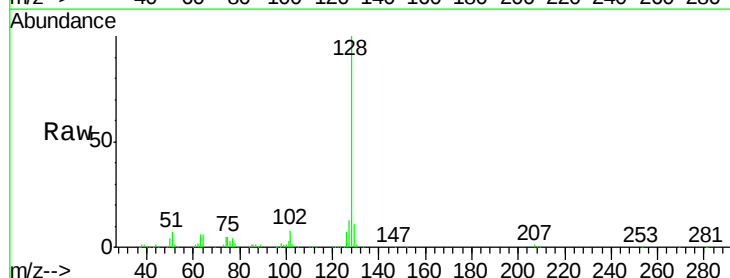
Tgt Ion:128 Resp: 126472

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 11.2 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

