

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016222.D
 Acq On : 14 May 2020 11:52
 Operator : JC/SP
 Sample : L2596-01 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 R-1U

Quant Time: May 15 09:20:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	235961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	396038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206951	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	145726	46.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.86%	
35) Dibromofluoromethane	5.47	113	121351	48.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.72%	
50) Toluene-d8	8.70	98	485175	50.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.12	95	201497	54.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.60%	

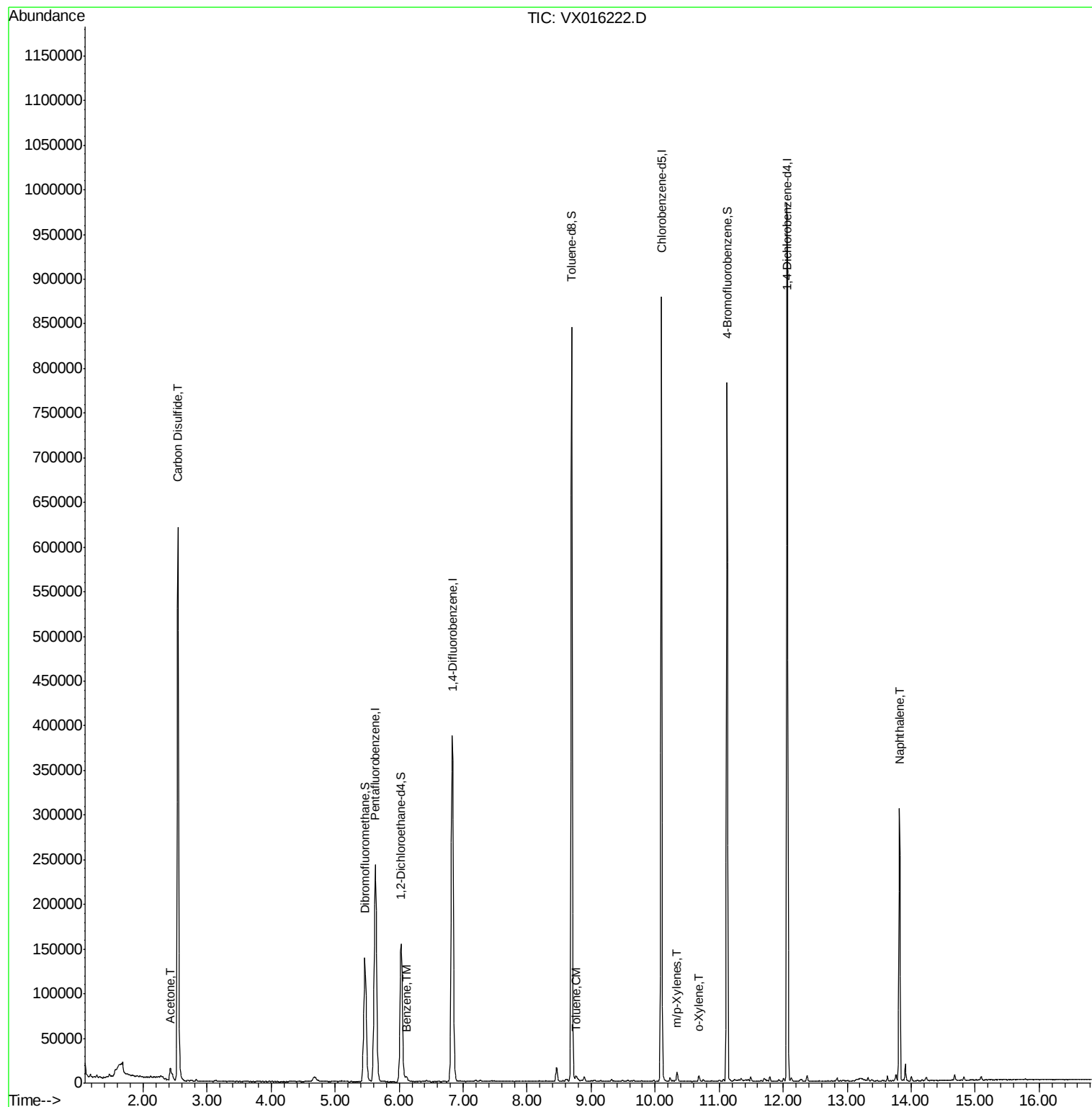
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	15027	10.846	ug/l	95
17) Carbon Disulfide	2.54	76	762009	103.672	ug/l	99
40) Benzene	6.12	78	6591	0.578	ug/l	94
52) Toluene	8.76	92	2081	0.293	ug/l	98
68) m/p-Xylenes	10.34	106	2489	0.457	ug/l	92
69) o-Xylene	10.68	106	1339	0.256	ug/l	99
95) Naphthalene	13.82	128	183232	11.378	ug/l	99

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

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Quant Title : SW846 8260
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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: VX016222.D

Acq: 14 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

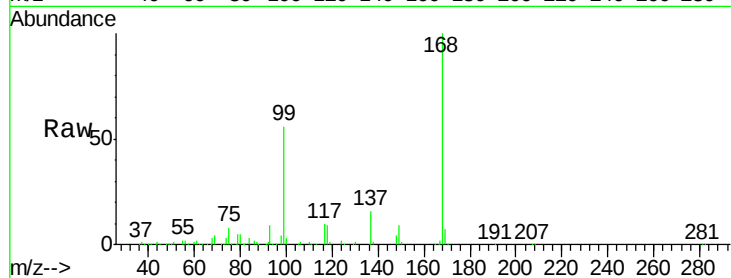
R-1U

Tot Ion:168 Resp: 235961

Ion Ratio Lower Upper

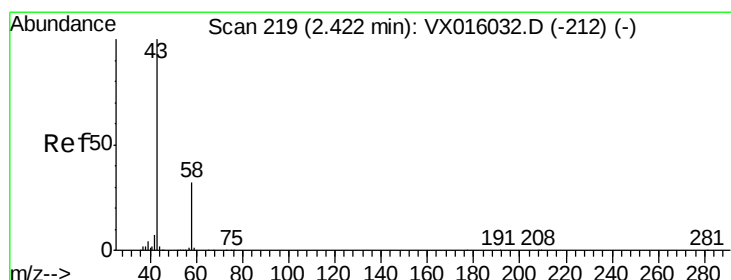
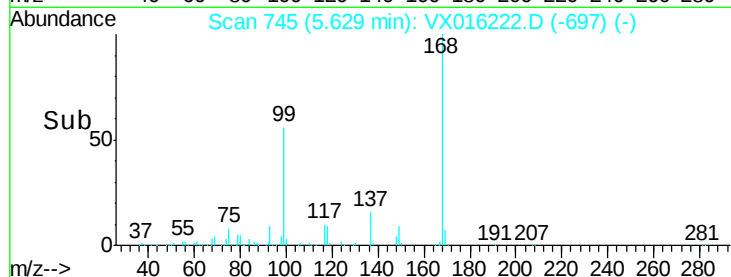
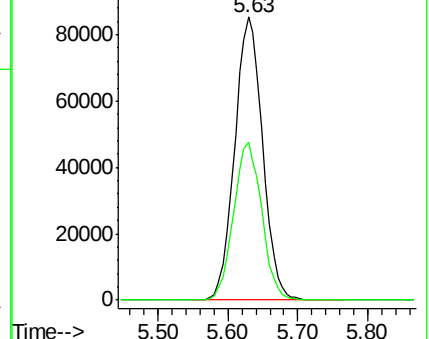
168 100

99 55.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 10.846 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX016222.D

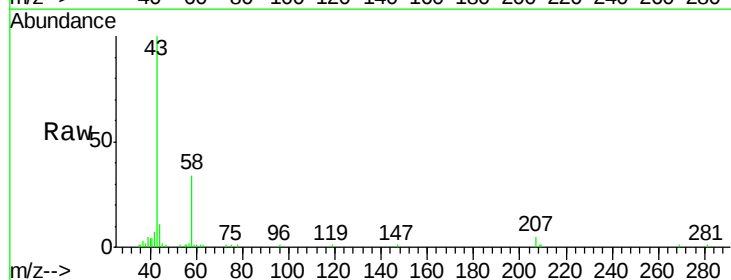
Acq: 14 May 2020 11:52

Tgt Ion: 43 Resp: 15027

Ion Ratio Lower Upper

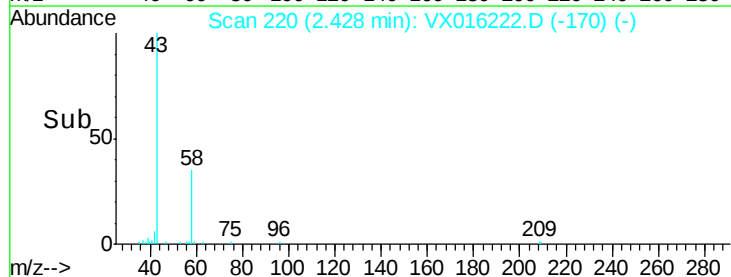
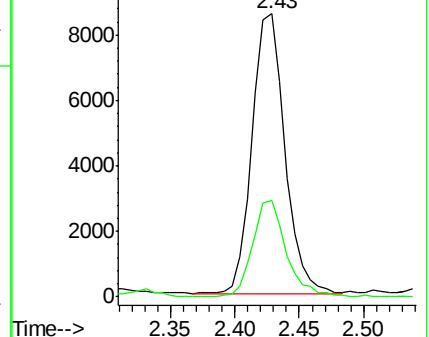
43 100

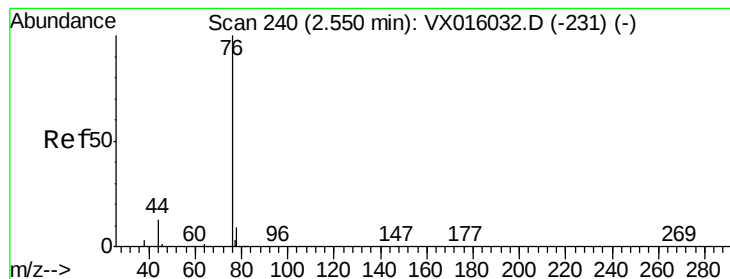
58 34.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 103.672 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016222.D

Acq: 14 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

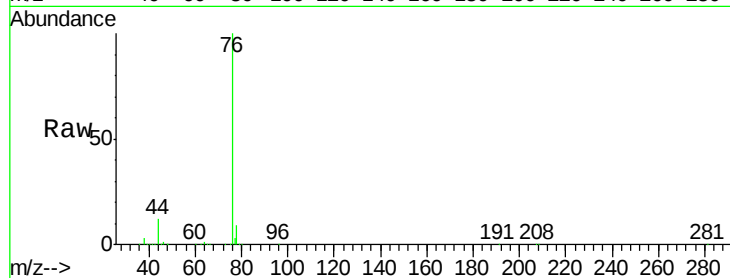
R-1U

Tot Ion: 76 Resp: 762009

Ion Ratio Lower Upper

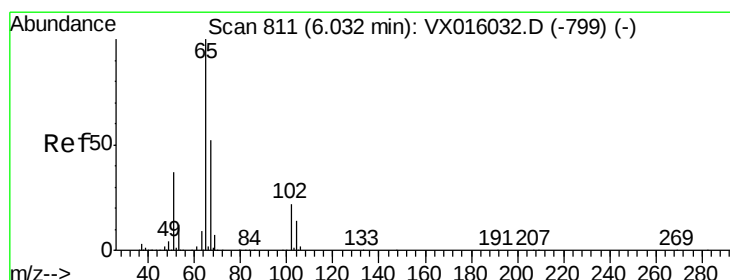
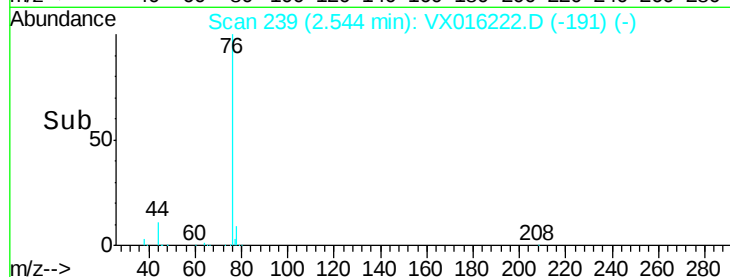
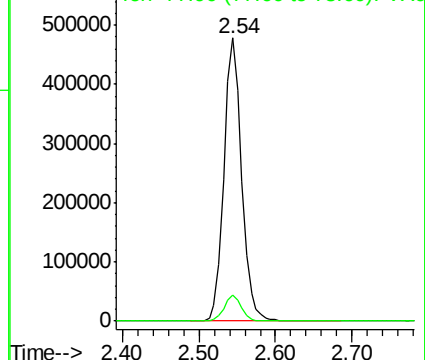
76 100

78 9.0 7.5 11.3



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: 46.933 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016222.D

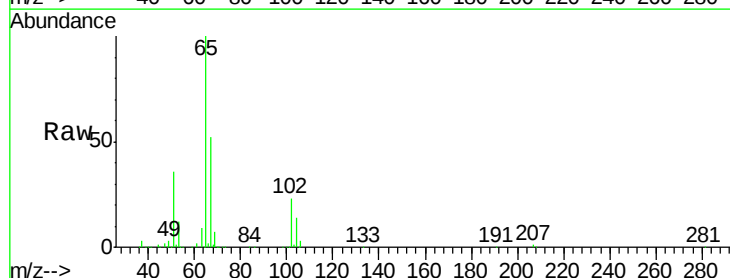
Acq: 14 May 2020 11:52

Tgt Ion: 65 Resp: 145726

Ion Ratio Lower Upper

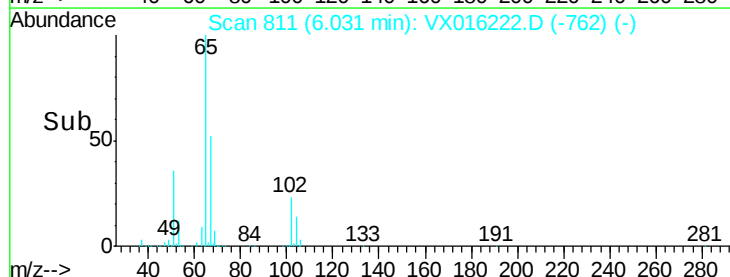
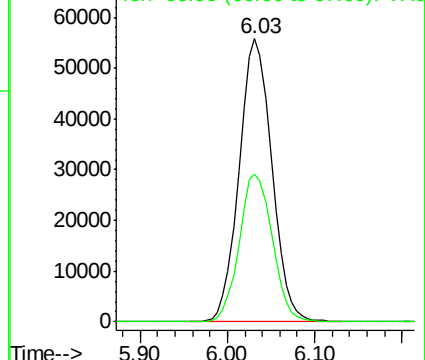
65 100

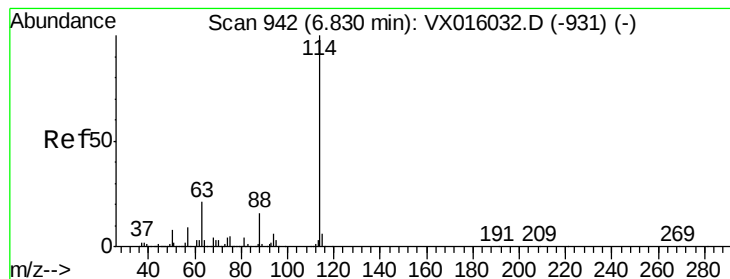
67 52.8 0.0 104.8



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: VX016222.D

Acq: 14 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

R-1U

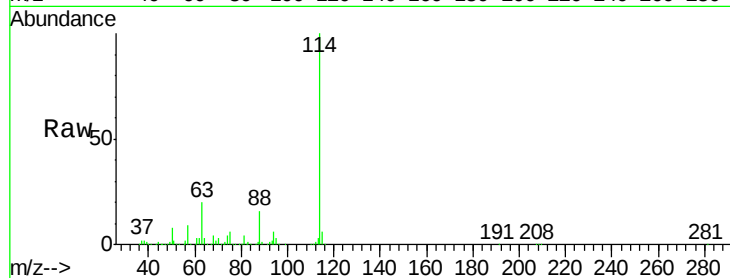
Tot Ion:114 Resp: 396038

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

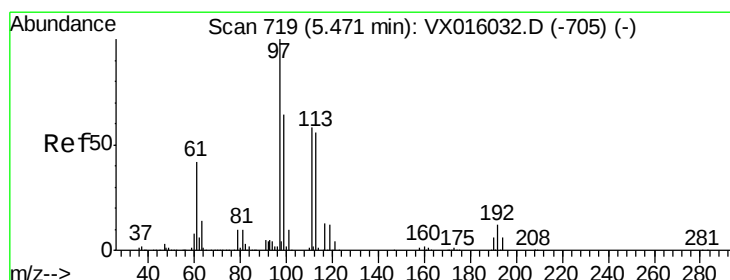
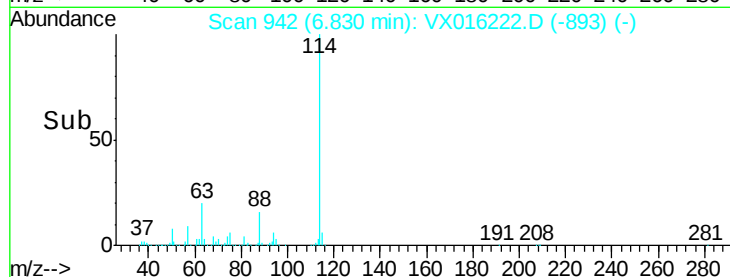
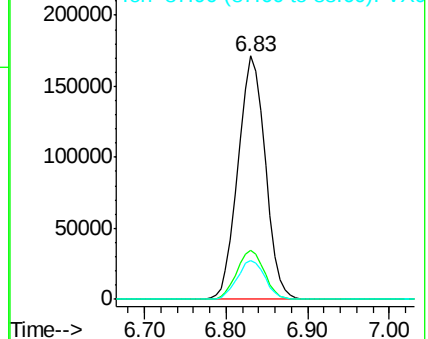
88 16.0 0.0 31.4



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: 48.365 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016222.D

Acq: 14 May 2020 11:52

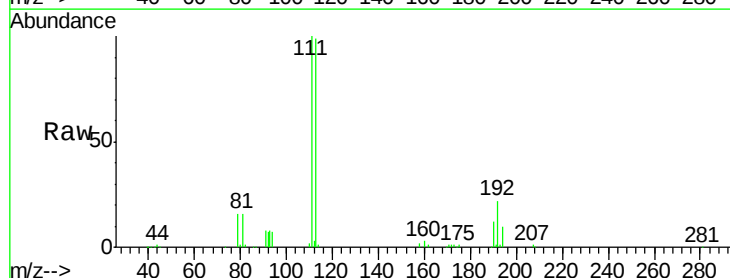
Tgt Ion:113 Resp: 121351

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

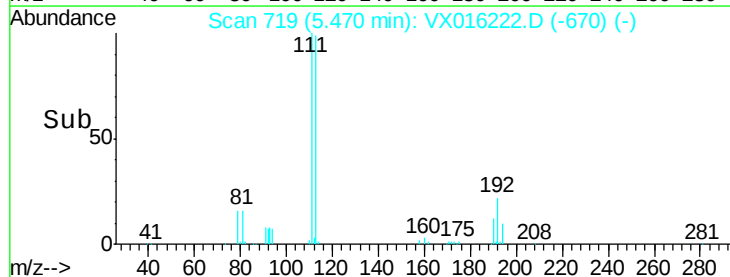
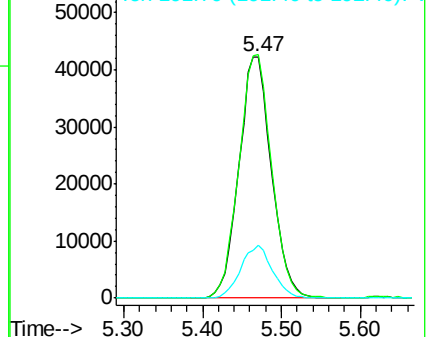
192 21.4 17.0 25.4

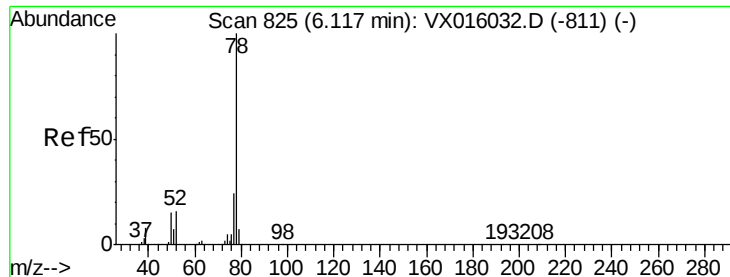


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.578 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX016222.D

Acq: 14 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

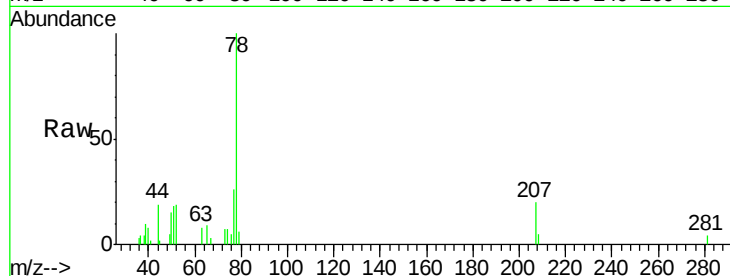
R-1U

Tot Ion: 78 Resp: 6591

Ion Ratio Lower Upper

78 100

77 26.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.12

2500

2000

1500

1000

500

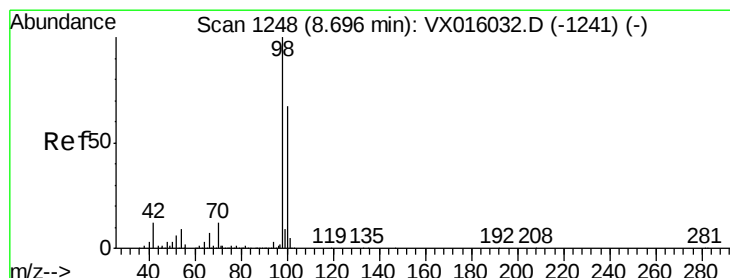
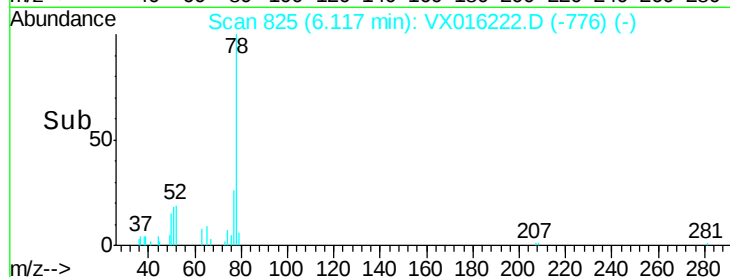
0

6.00

6.10

6.20

Time-->



#50

Toluene-d8

Concen: 50.186 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016222.D

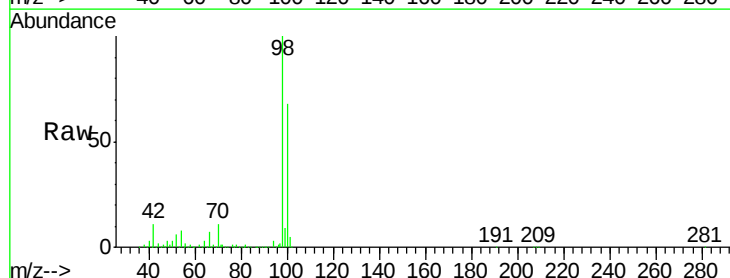
Acq: 14 May 2020 11:52

Tgt Ion: 98 Resp: 485175

Ion Ratio Lower Upper

98 100

100 67.0 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

300000

200000

100000

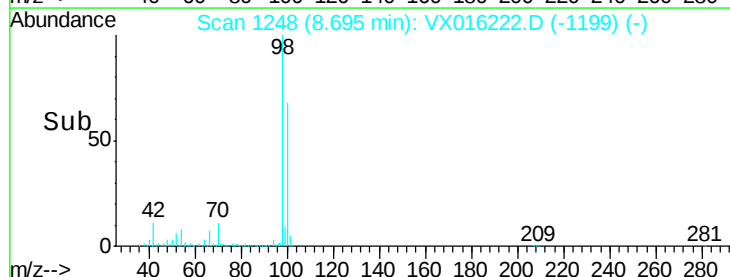
0

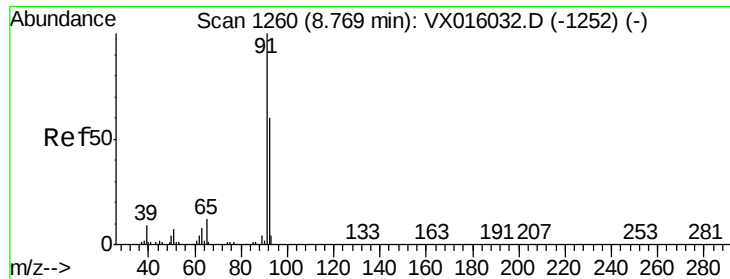
8.60

8.70

8.80

Time-->





#52

Toluene

Concen: 0.293 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016222.D

Acq: 14 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

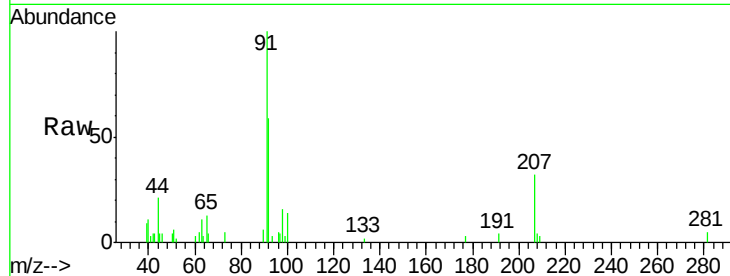
R-1U

Tot Ion: 92 Resp: 2081

Ion Ratio Lower Upper

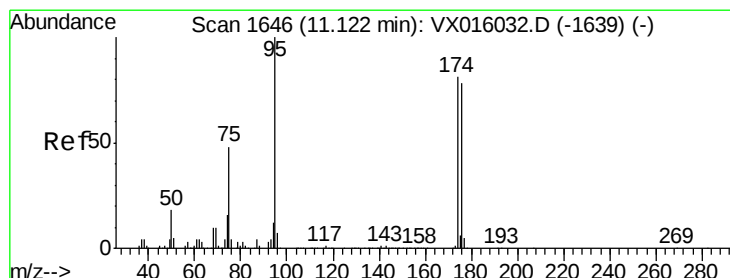
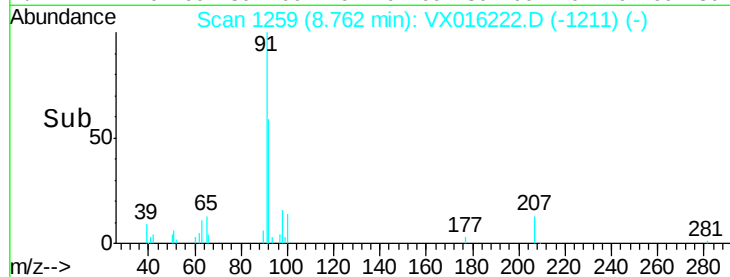
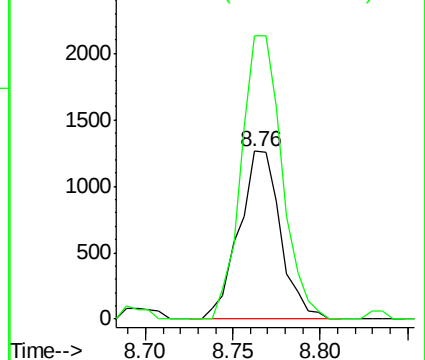
92 100

91 165.6 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.798 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016222.D

Acq: 14 May 2020 11:52

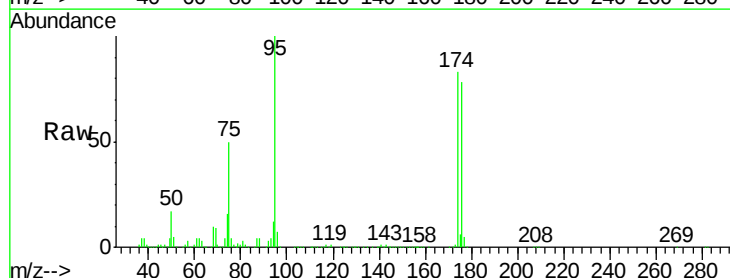
Tgt Ion: 95 Resp: 201497

Ion Ratio Lower Upper

95 100

174 81.9 0.0 159.4

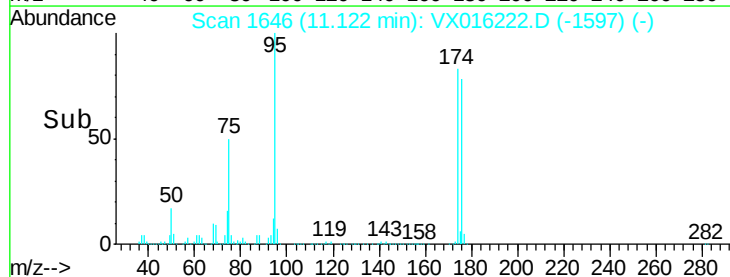
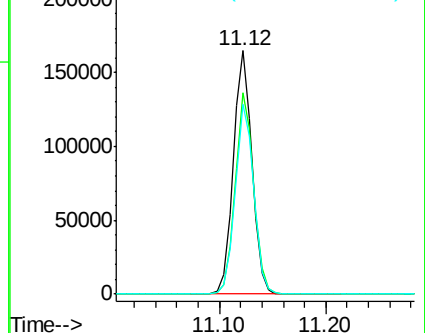
176 77.8 0.0 157.6

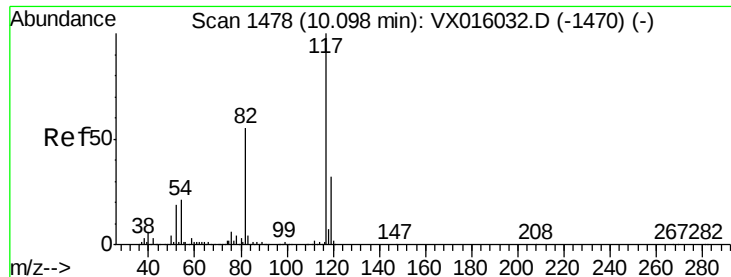


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

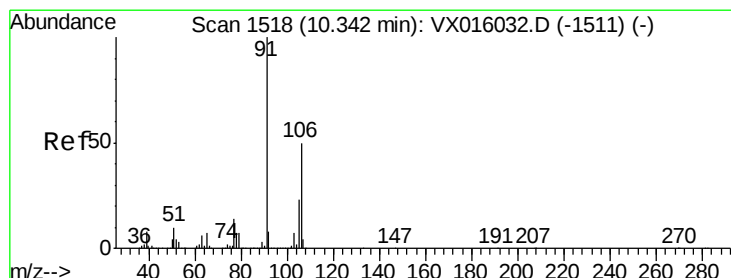
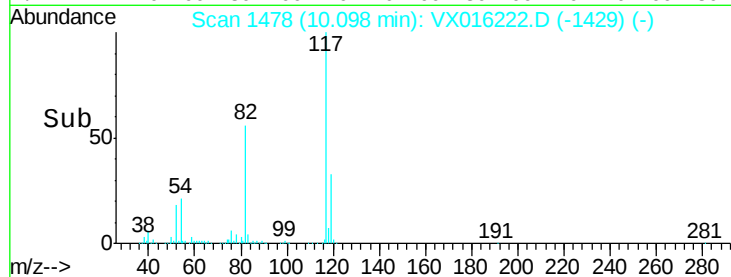
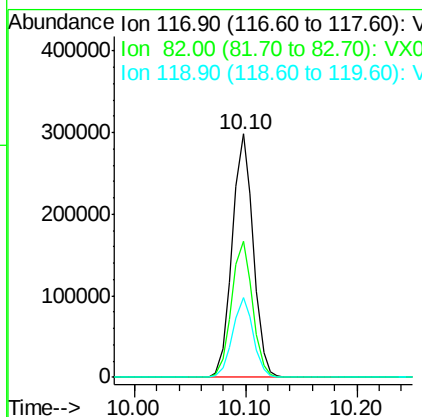
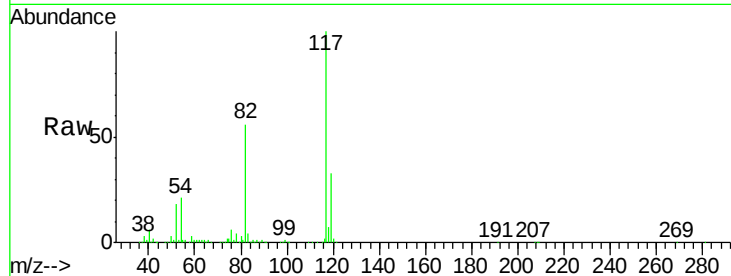




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

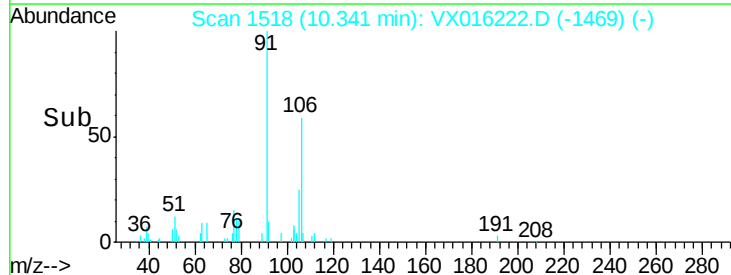
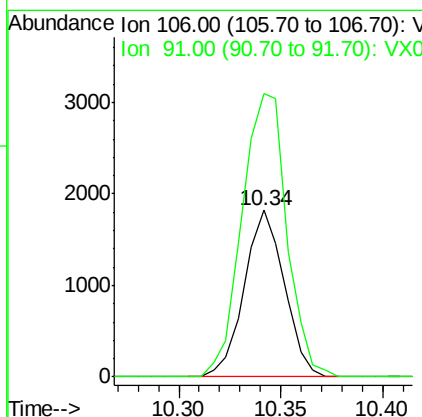
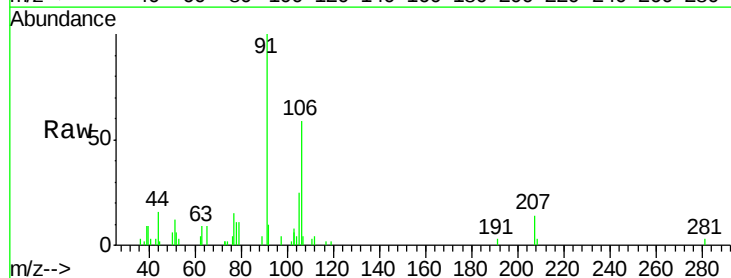
Instrument :
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ClientSampleId :
R-1U

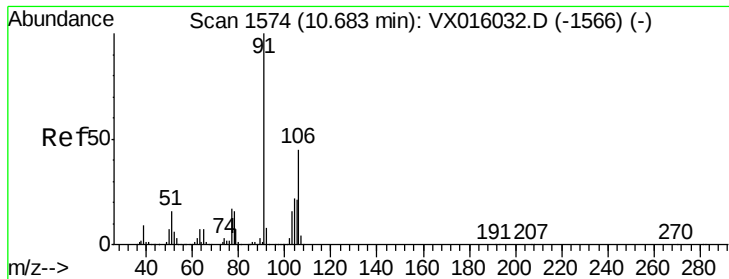
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.4	66.6
119	32.7	25.5	38.3



#68
m/p-Xylenes
Concen: 0.457 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion	Ratio	Lower	Upper
106	100		
91	189.9	161.7	242.5

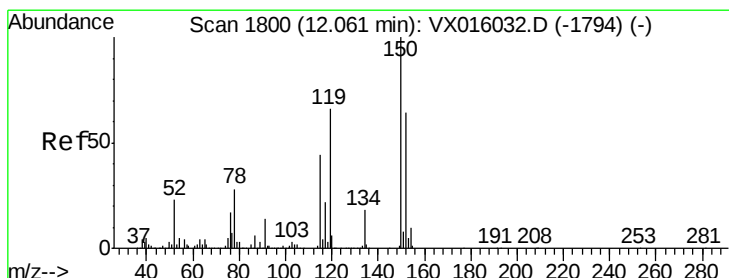
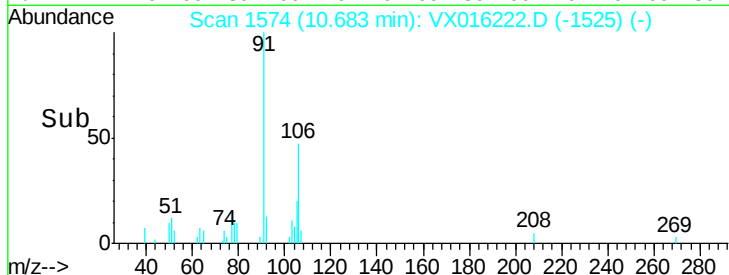
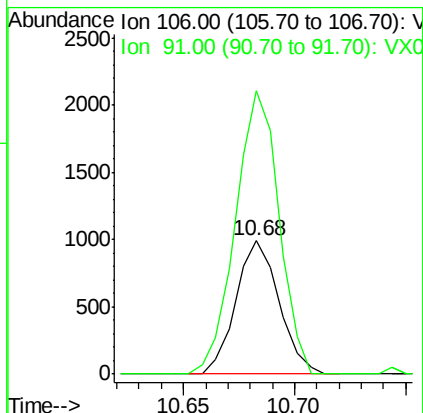
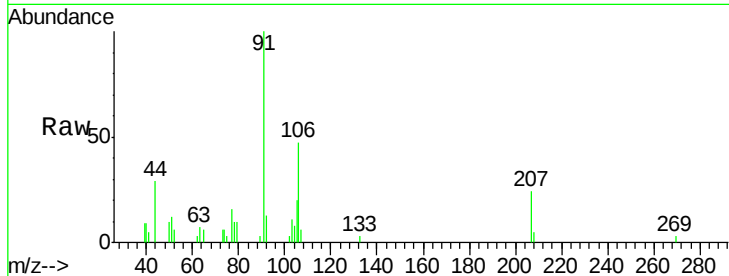




#69
o-Xylene
Concen: 0.256 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

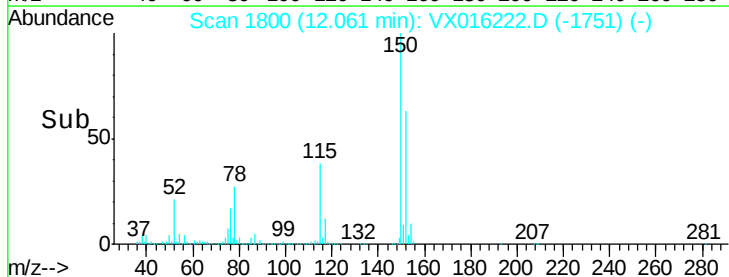
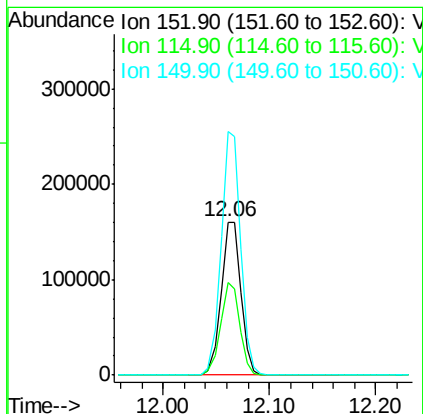
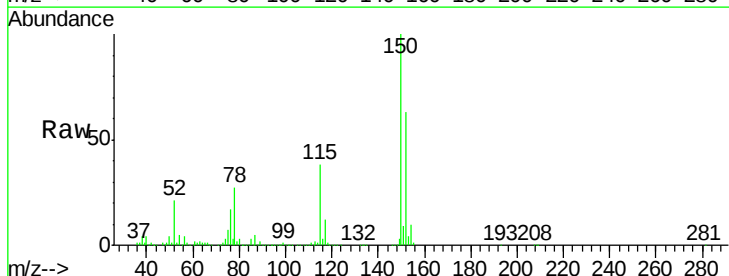
Instrument :
MSVOA_X
ClientSampled :
R-1U

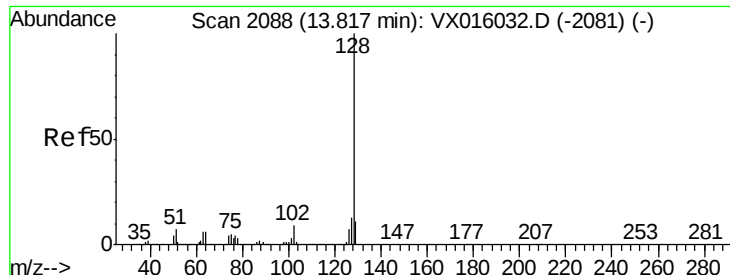
Tot Ion:106 Resp: 1339
Ion Ratio Lower Upper
106 100
91 214.0 107.5 322.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion:152 Resp: 206951
Ion Ratio Lower Upper
152 100
115 58.7 41.3 124.1
150 157.1 0.0 352.2





#95

Naphthalene

Concen: 11.378 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016222.D

Acq: 14 May 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

R-1U

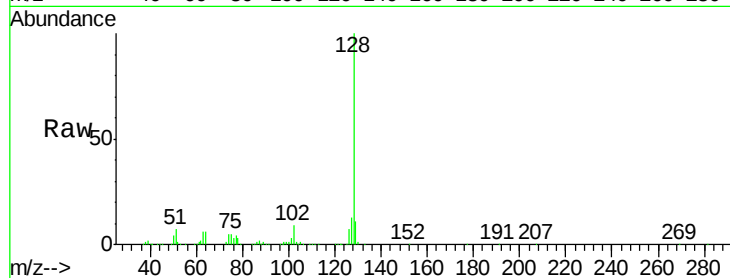
Tot Ion:128 Resp: 183232

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

200000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

