

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092319\
 Data File : VX012614.D
 Acq On : 23 Sep 2019 19:04
 Operator : JC/SP
 Sample : K4978-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0162DL

Quant Time: Sep 24 12:37:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87332	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	114872	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
35) Dibromofluoromethane	5.49	113	81578	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	8.71	98	326305	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.14	95	110394	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	

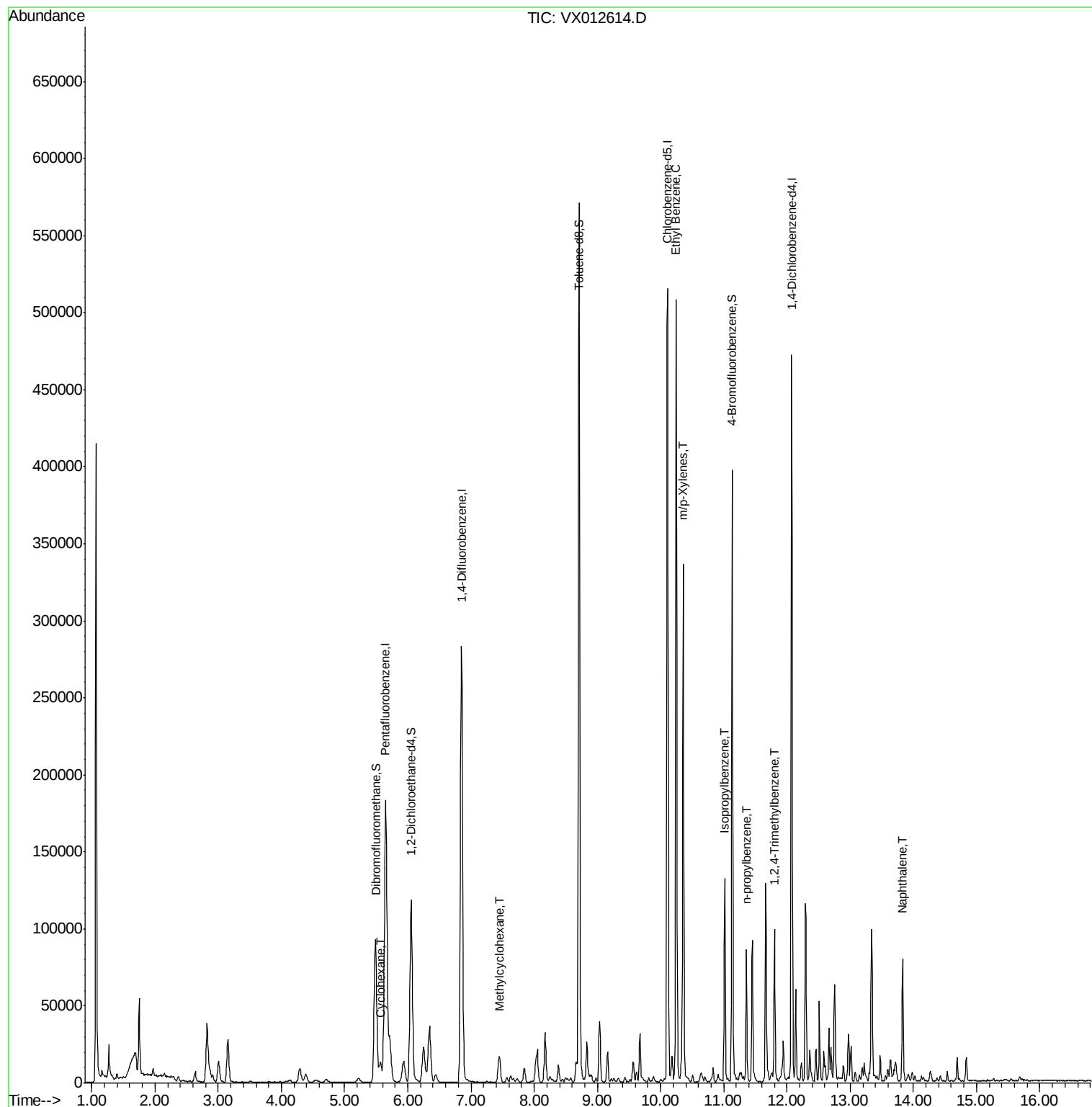
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	8689	2.675	ug/l	96
39) Methylcyclohexane	7.45	83	6277	1.978	ug/l #	82
67) Ethyl Benzene	10.25	91	299699	33.658	ug/l	97
68) m/p-Xylenes	10.36	106	73185	21.941	ug/l	99
73) Isopropylbenzene	11.01	105	67141	9.439	ug/l	100
78) n-propylbenzene	11.35	91	51615	6.446	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	45698	7.595	ug/l	100
95) Naphthalene	13.83	128	44595	6.968	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012614.D

Acq: 23 Sep 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

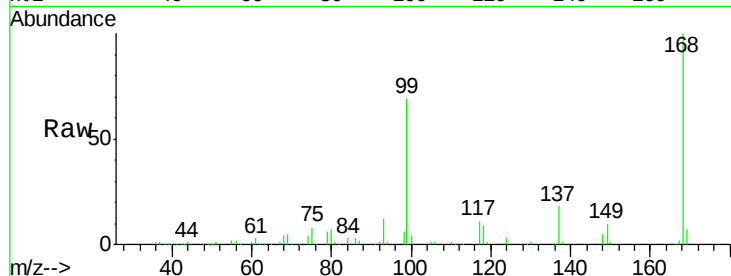
Z2-0162DL

Tot Ion:168 Resp: 160250

Ion Ratio Lower Upper

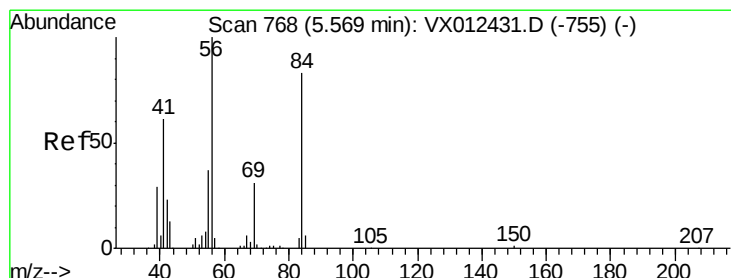
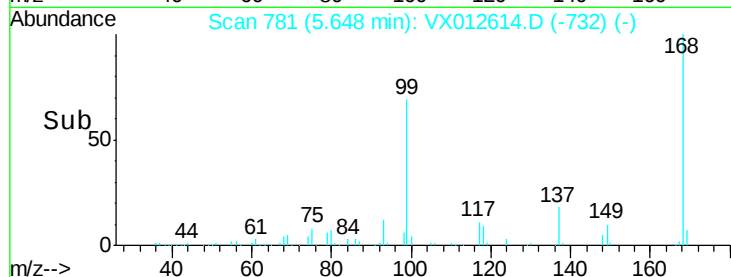
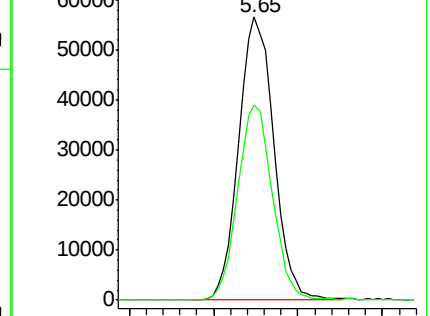
168 100

99 68.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 2.675 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012614.D

Acq: 23 Sep 2019 19:04

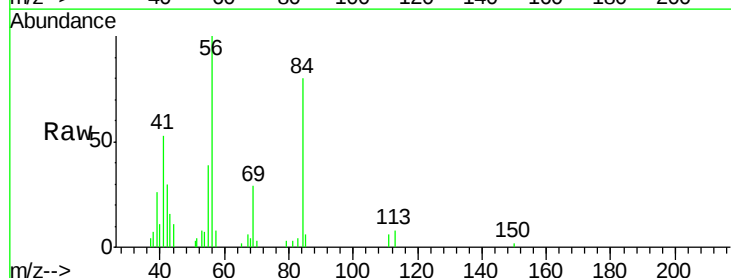
Tgt Ion: 56 Resp: 8689

Ion Ratio Lower Upper

56 100

69 26.8 25.0 37.6

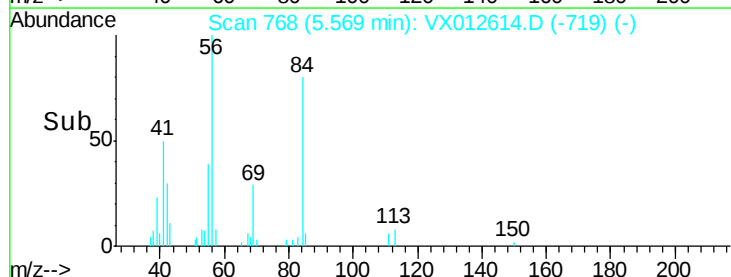
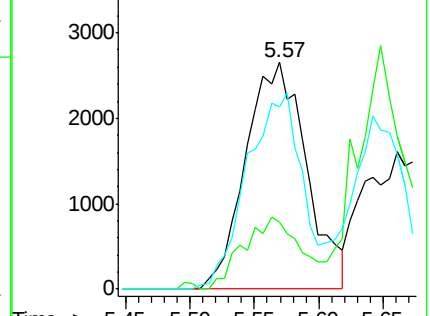
84 80.4 66.4 99.6

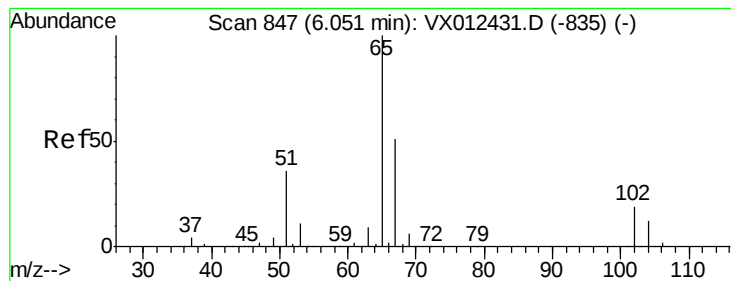


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.226 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012614.D

Acq: 23 Sep 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

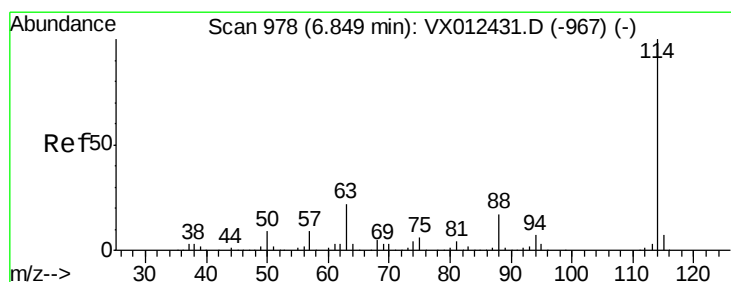
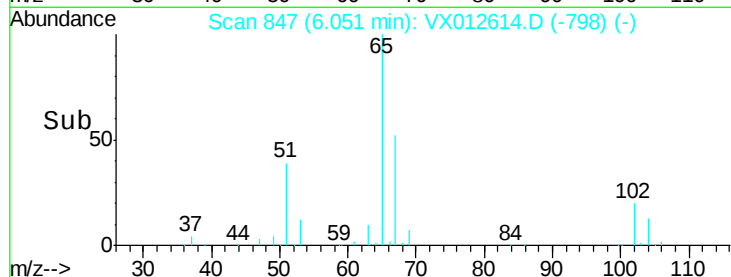
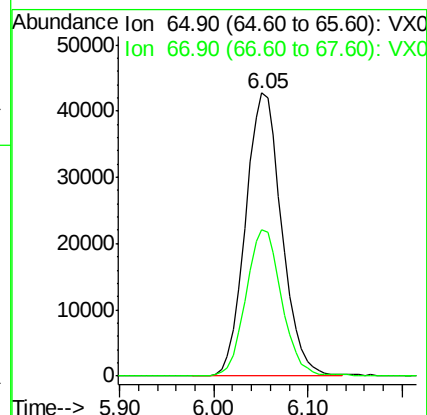
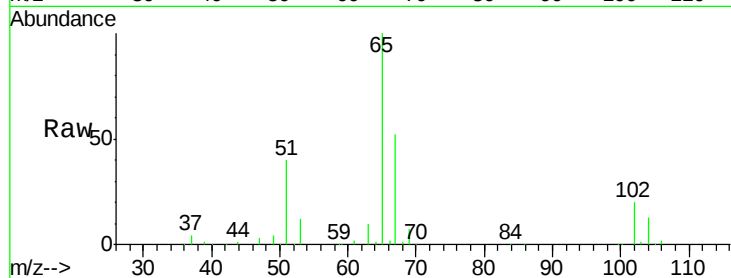
Z2-0162DL

Tot Ion: 65 Resp: 114872

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012614.D

Acq: 23 Sep 2019 19:04

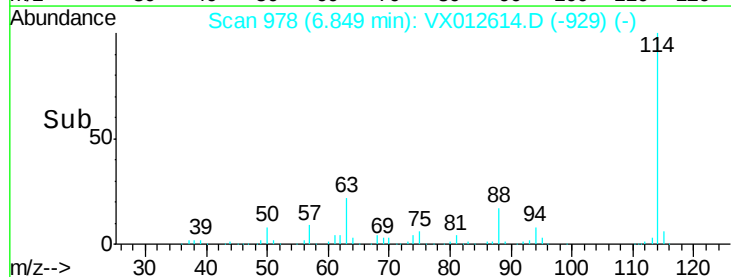
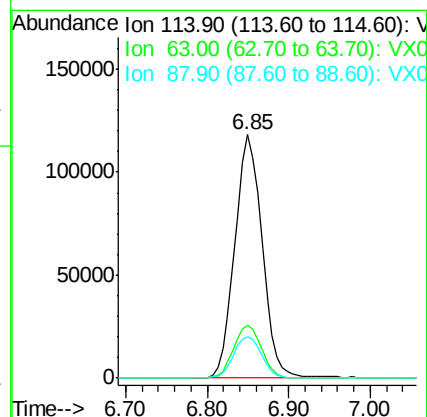
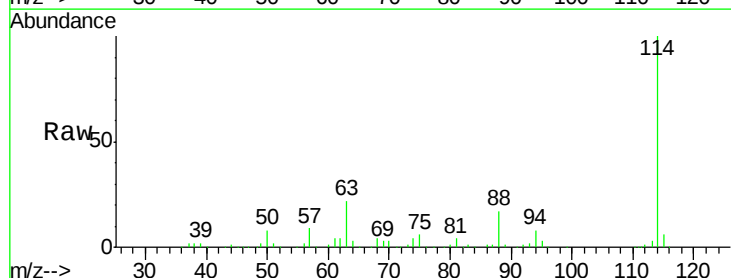
Tgt Ion: 114 Resp: 273510

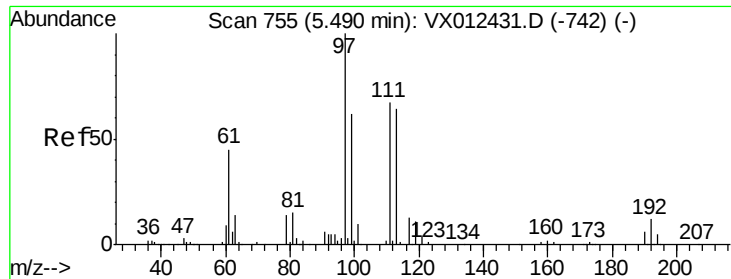
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.083 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012614.D

Acq: 23 Sep 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

Z2-0162DL

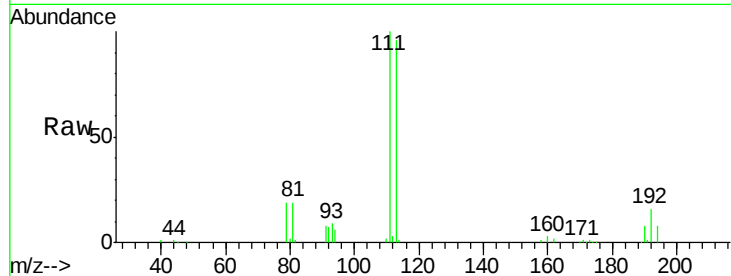
Tot Ion:113 Resp: 81578

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

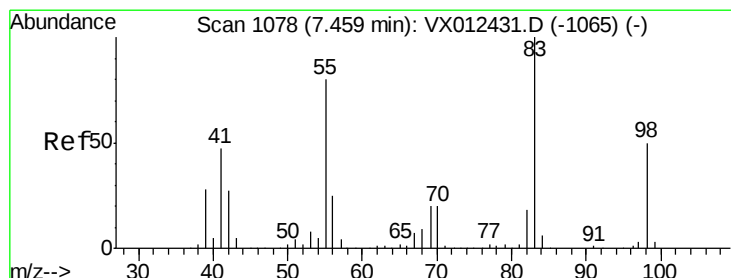
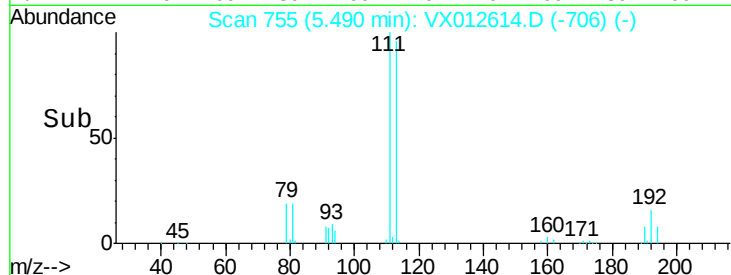
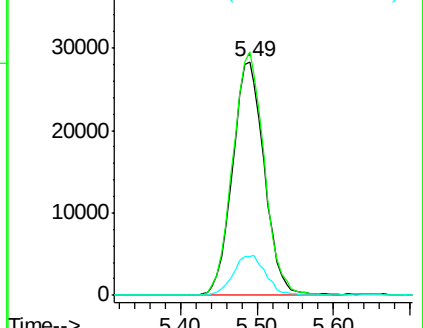
192 17.4 14.4 21.6



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



#39

Methylcyclohexane

Concen: 1.978 ug/l

RT: 7.45 min Scan# 1076

Delta R.T. -0.01 min

Lab File: VX012614.D

Acq: 23 Sep 2019 19:04

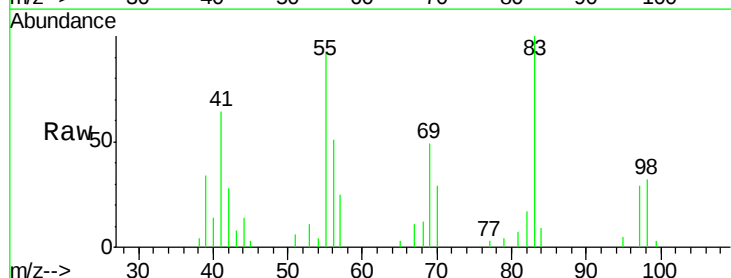
Tgt Ion: 83 Resp: 6277

Ion Ratio Lower Upper

83 100

55 91.6 64.4 96.6

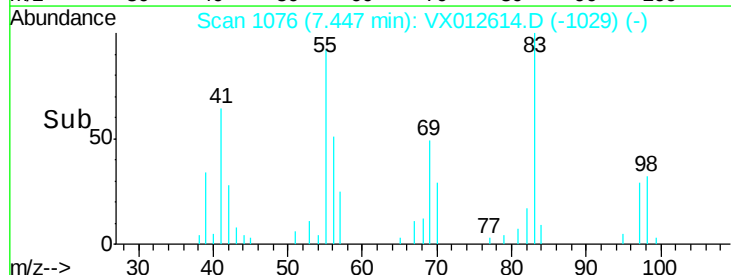
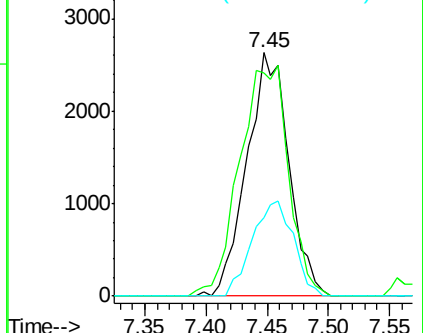
98 32.3 40.1 60.1#

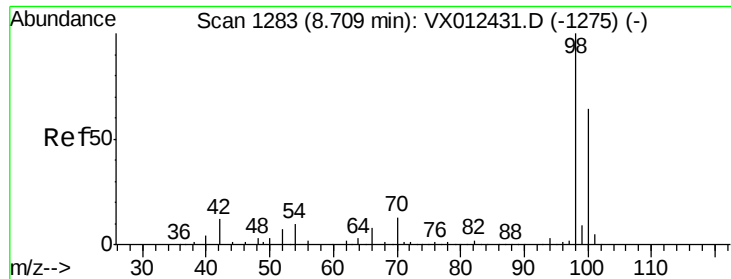


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 52.018 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012614.D

Acq: 23 Sep 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

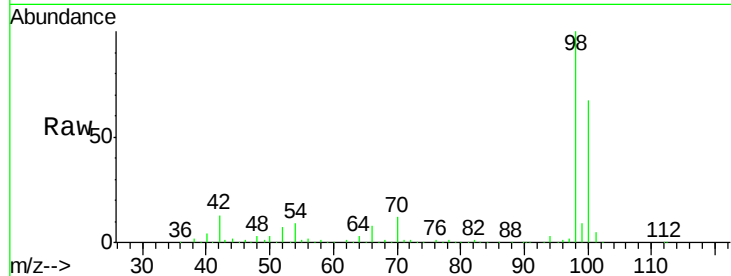
Z2-0162DL

Tot Ion: 98 Resp: 326305

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

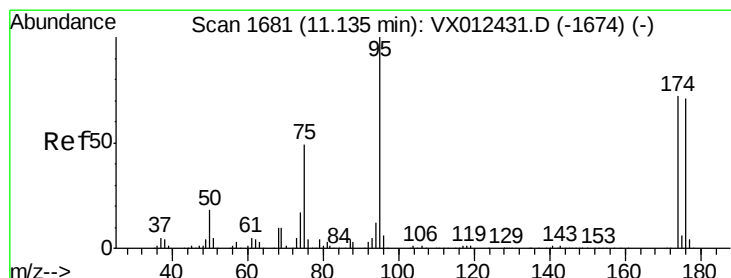
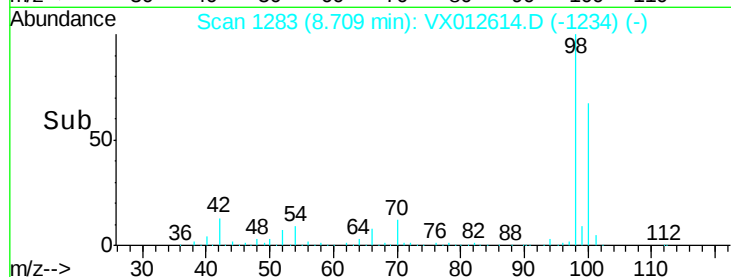
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.757 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012614.D

Acq: 23 Sep 2019 19:04

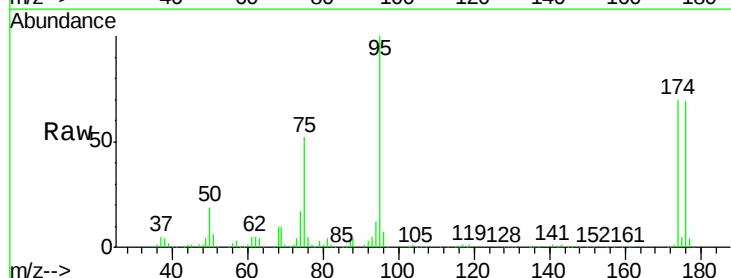
Tgt Ion: 95 Resp: 110394

Ion Ratio Lower Upper

95 100

174 68.0 0.0 140.0

176 66.1 0.0 135.4



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

100000

80000

60000

40000

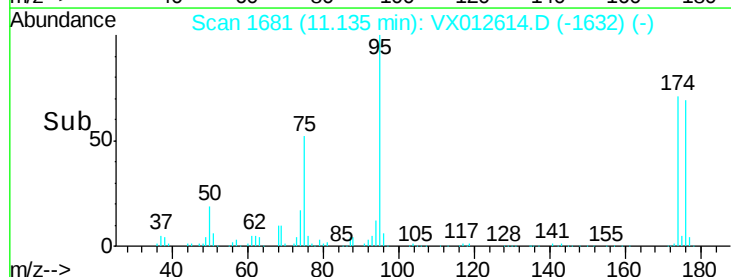
20000

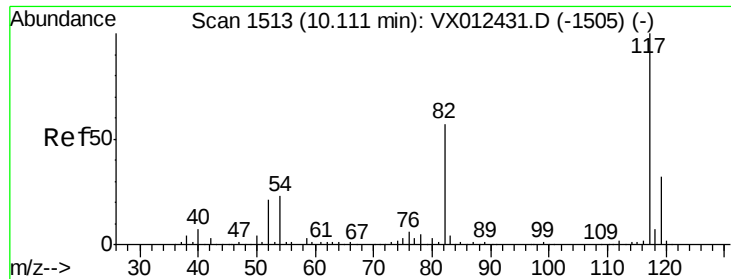
0

11.10

11.20

Time-->

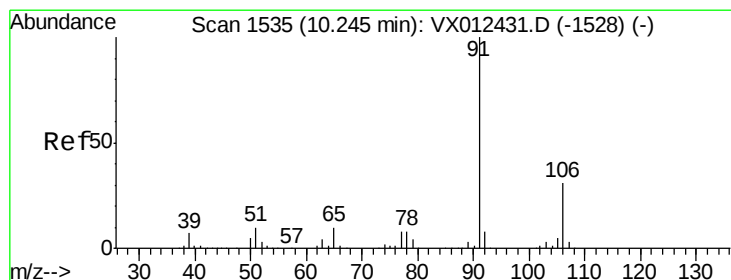
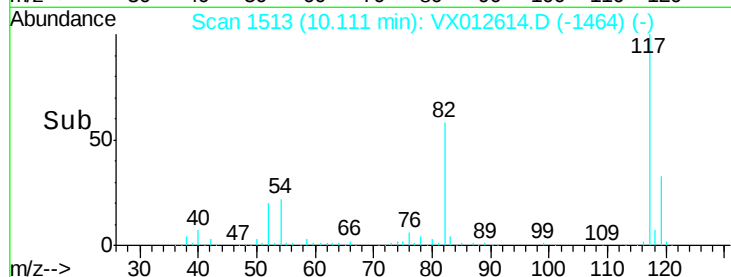
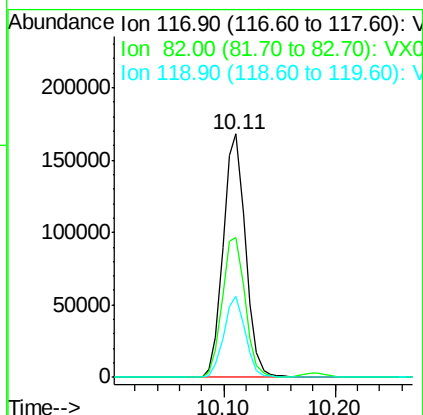
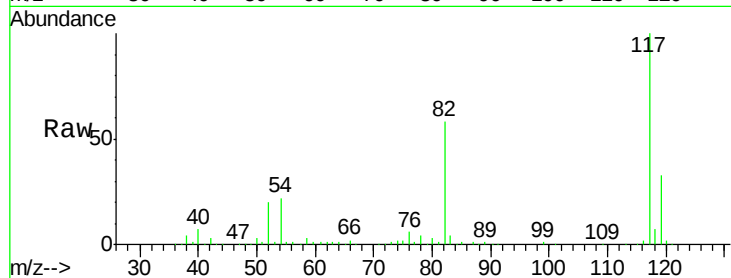




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012614.D
Acq: 23 Sep 2019 19:04

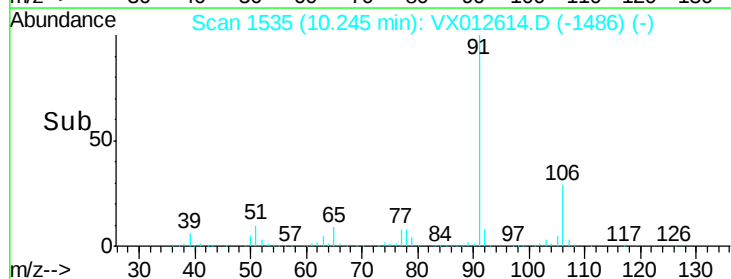
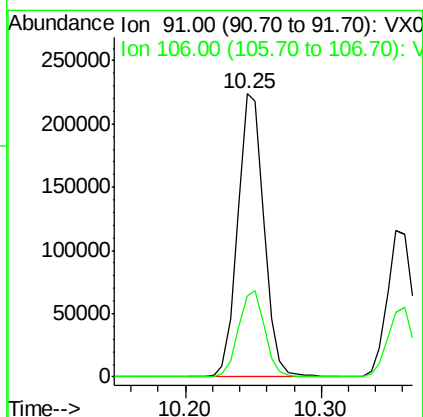
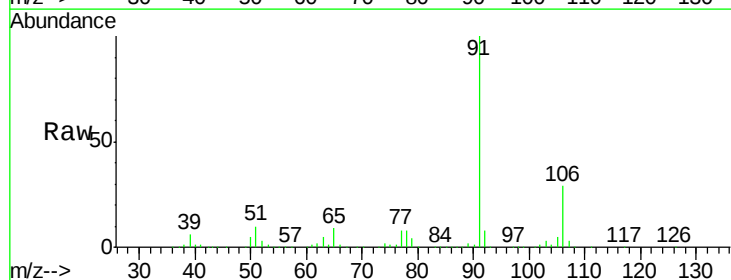
Instrument :
MSVOA_X
ClientSampleId :
Z2-0162DL

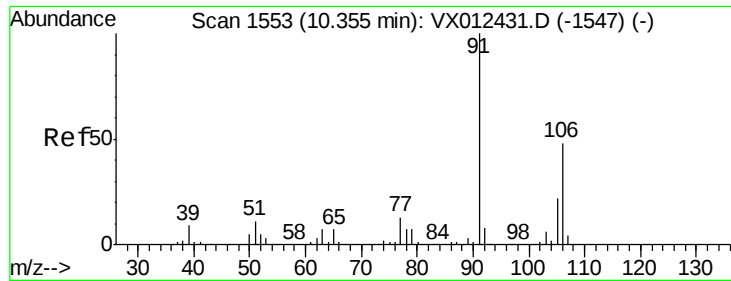
Tot Ion:117 Resp: 233135
Ion Ratio Lower Upper
117 100
82 57.5 45.9 68.9
119 33.2 25.3 37.9



#67
Ethyl Benzene
Concen: 33.658 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012614.D
Acq: 23 Sep 2019 19:04

Tgt Ion: 91 Resp: 299699
Ion Ratio Lower Upper
91 100
106 28.9 24.6 37.0

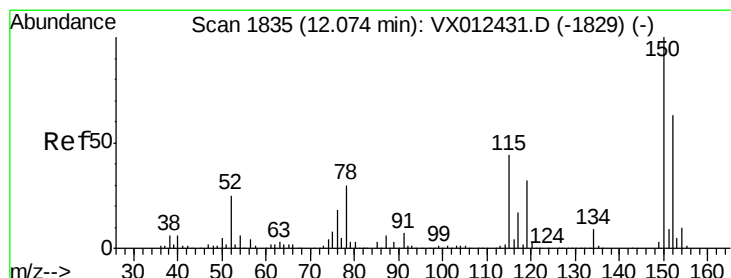
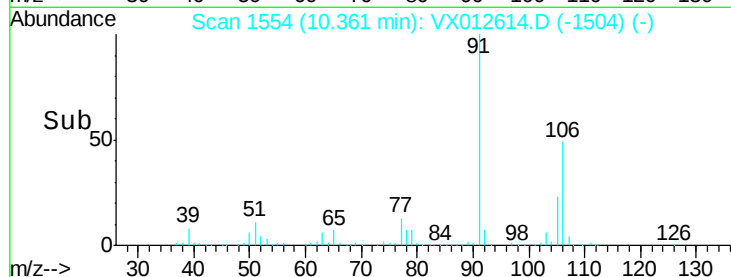
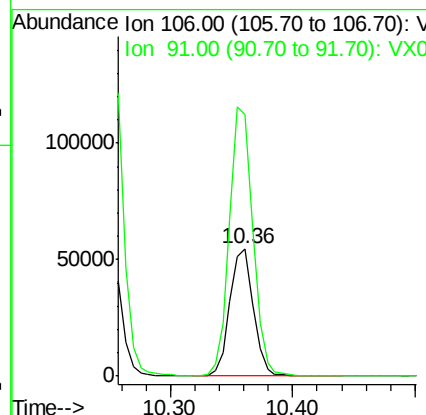
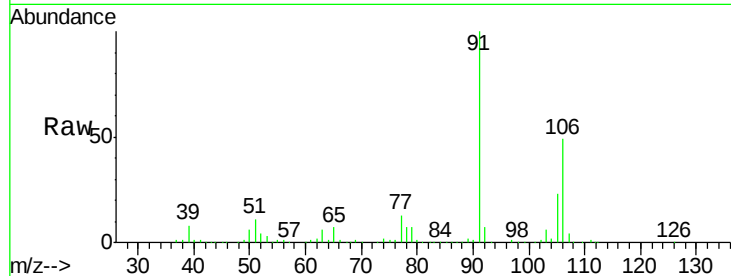




#68
m/p-Xvlenes
Concen: 21.941 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX012614.D
Acq: 23 Sep 2019 19:04

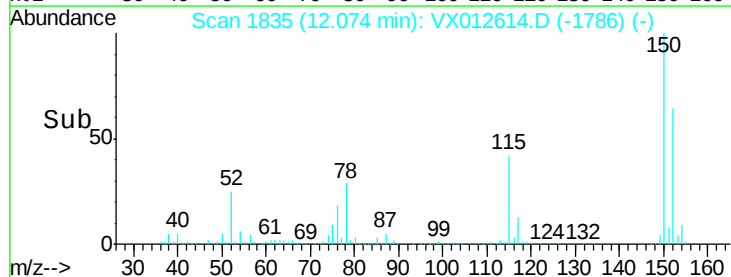
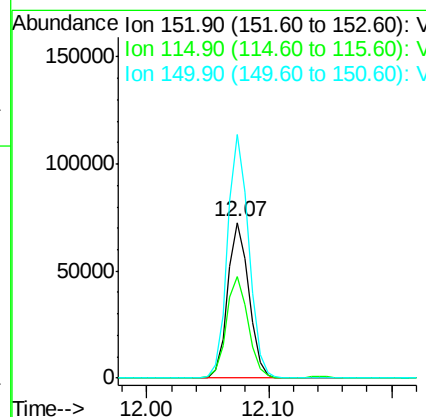
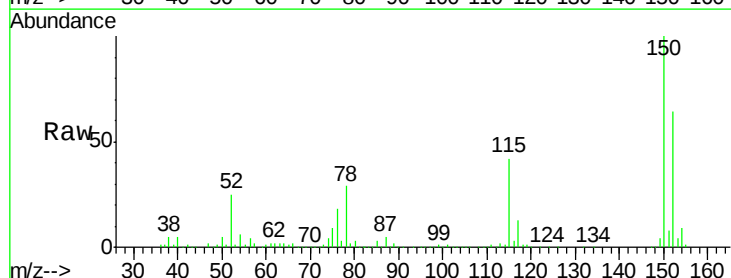
Instrument :
MSVOA_X
ClientSampled :
Z2-0162DL

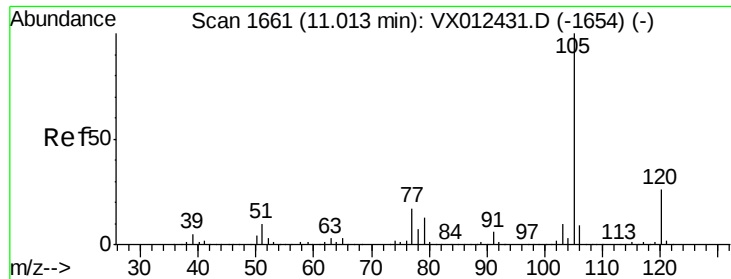
Tot Ion:106 Resp: 73185
Ion Ratio Lower Upper
106 100
91 210.3 166.6 250.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012614.D
Acq: 23 Sep 2019 19:04

Tgt Ion:152 Resp: 87332
Ion Ratio Lower Upper
152 100
115 66.2 44.1 132.3
150 157.3 0.0 343.8





#73

Isopropylbenzene

Concen: 9.439 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012614.D

Acq: 23 Sep 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

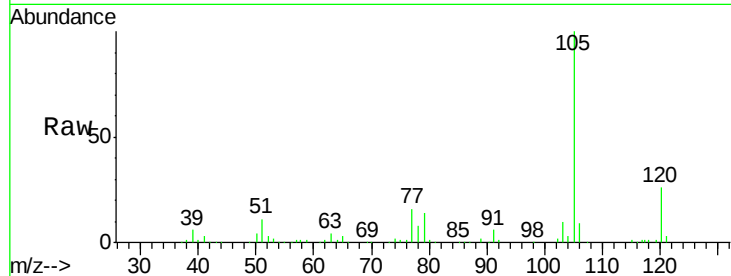
Z2-0162DL

Tot Ion: 105 Resp: 67141

Ion Ratio Lower Upper

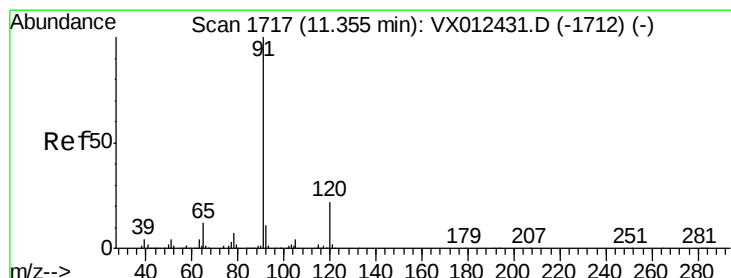
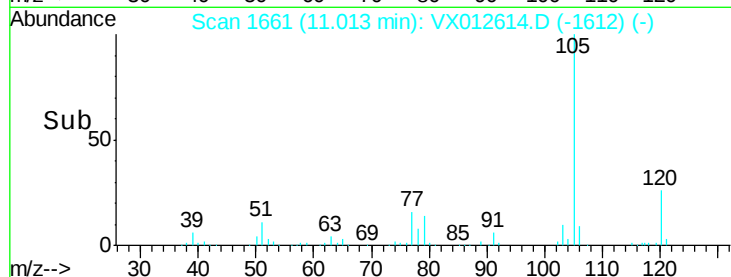
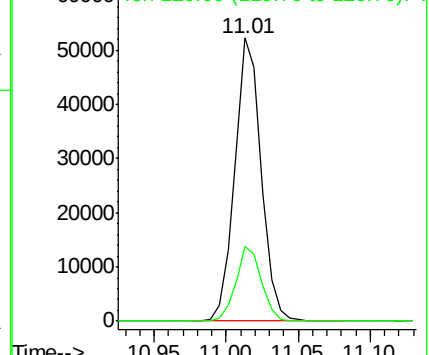
105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 6.446 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012614.D

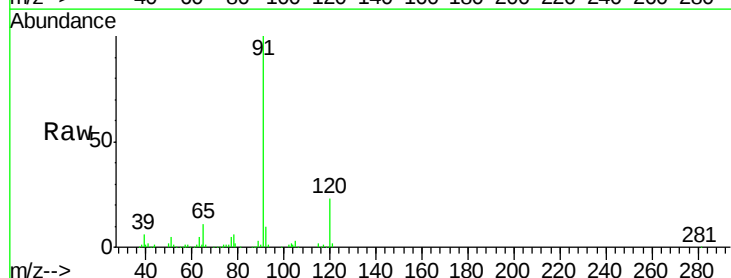
Acq: 23 Sep 2019 19:04

Tgt Ion: 91 Resp: 51615

Ion Ratio Lower Upper

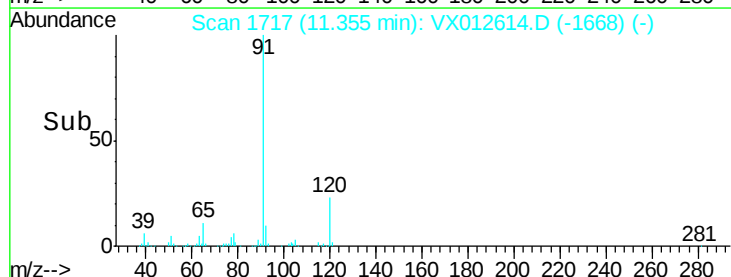
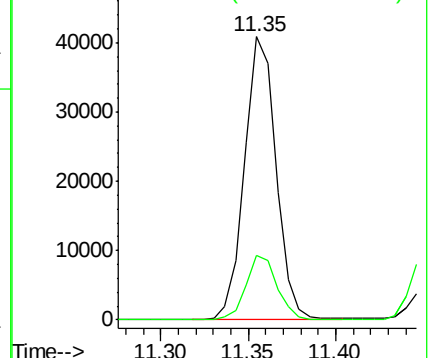
91 100

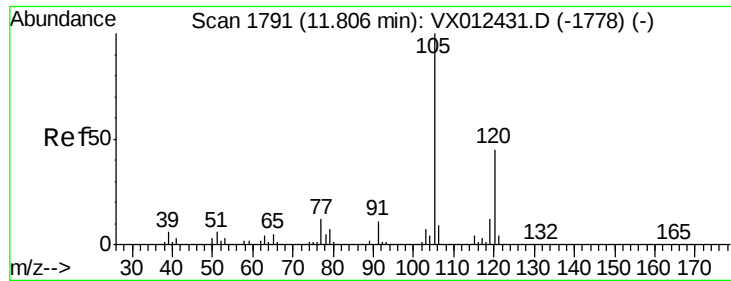
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

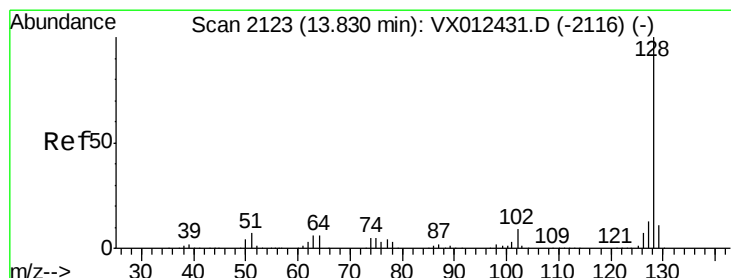
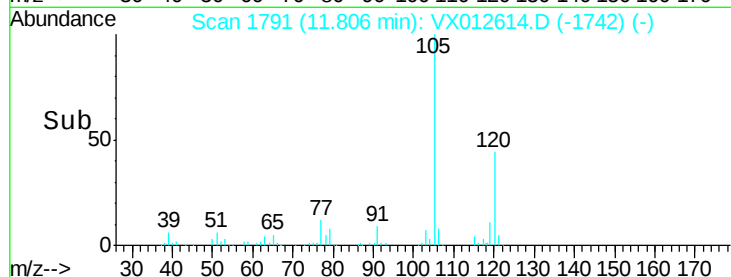
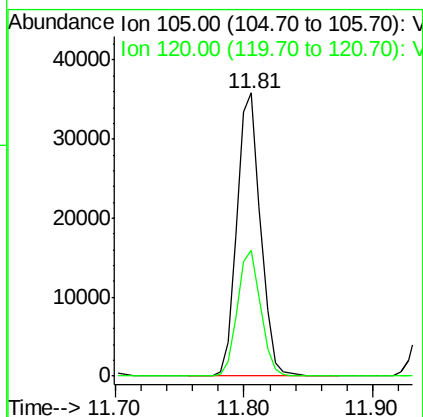
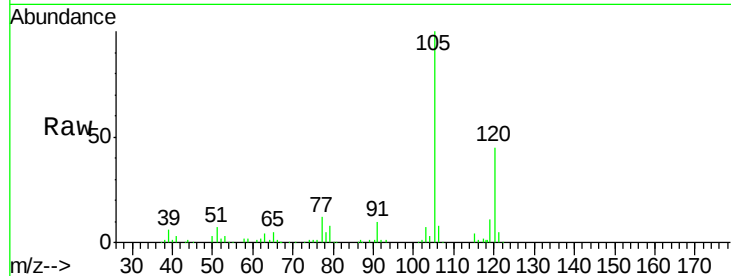




#84
 1,2,4-Trimethylbenzene
 Concen: 7.595 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012614.D
 Acq: 23 Sep 2019 19:04

Instrument :
 MSVOA_X
 ClientSampled :
 Z2-0162DL

Tot Ion:105 Resp: 45698
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.2 66.6



#95
 Naphthalene
 Concen: 6.968 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX012614.D
 Acq: 23 Sep 2019 19:04

Tgt Ion:128 Resp: 44595
 Ion Ratio Lower Upper
 128 100
 127 14.3 10.2 15.4
 129 11.3 8.8 13.2

