

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100720\
 Data File : VX018815.D
 Acq On : 07 Oct 2020 16:49
 Operator : JC/SP
 Sample : L4240-04 10X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3R2

Quant Time: Oct 08 02:04:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 08 01:16:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	129338	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	126147	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	60175	5.00	ug/L	0.00

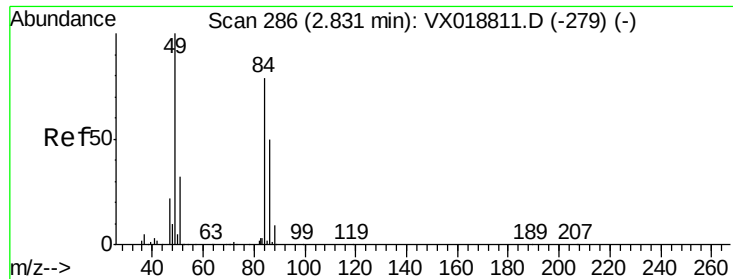
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	35100	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.70	69	32964	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.34	63	61909	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.55	46	140800	71.05	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.10%#
24) Chloroform-d	5.13	84	96606	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	6.03	65	57284	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	6.05	84	169244	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	7.37	67	52729	5.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.40%
41) Toluene-d8	8.70	98	143642	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
45) trans-1,3-Dichloropropene-	8.99	79	23090	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
48) 2-Hexanone-d5	9.43	63	105727	64.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.40%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	43606	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	61456	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.84	84	4858	0.622	ug/L	86
30) Cyclohexane	5.54	56	9560	0.924	ug/L	96
33) Benzene	6.11	78	9836	0.372	ug/L	100
53) Chlorobenzene	10.12	112	676201	34.200	ug/L	94
54) Ethylbenzene	10.23	91	22425	0.692	ug/L	92
55) m,p-xylene	10.34	106	7937	0.628	ug/L	86
58) Isopropylbenzene	11.01	105	4777	0.146	ug/L #	91
63) 1,3-Dichlorobenzene	12.01	146	14800	1.012	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	20189	1.384	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	2596	0.190	ug/L	87

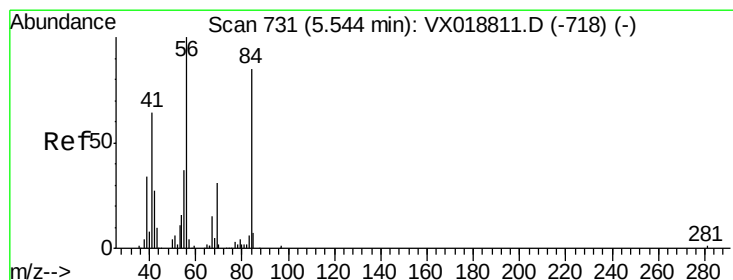
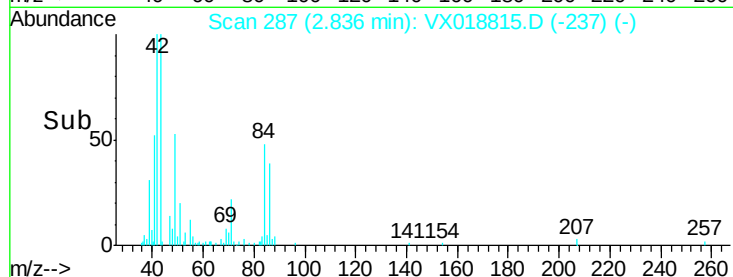
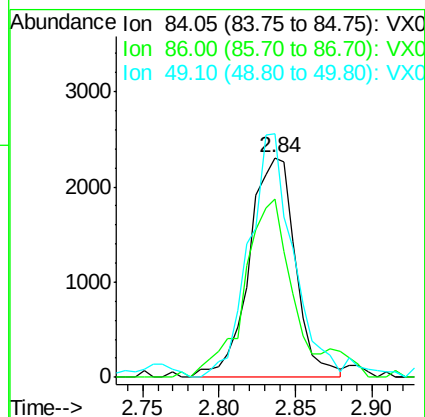
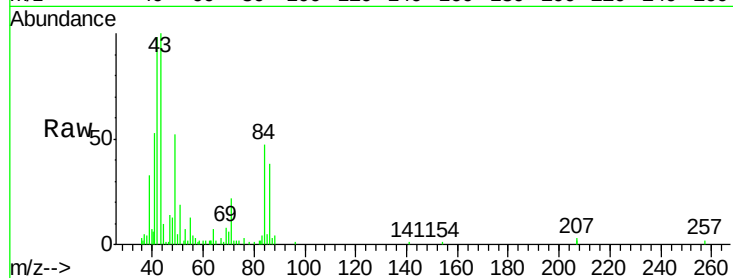
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Methylene chloride
Concen: 0.622 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018815.D
Acq: 07 Oct 2020 16:49

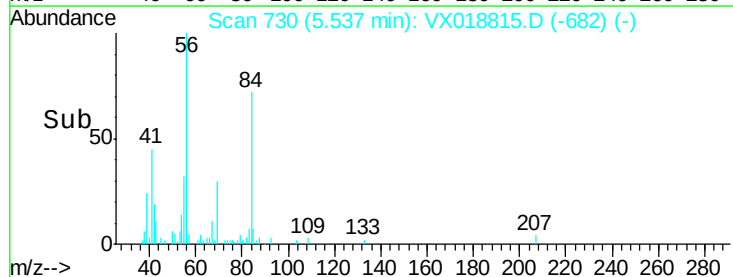
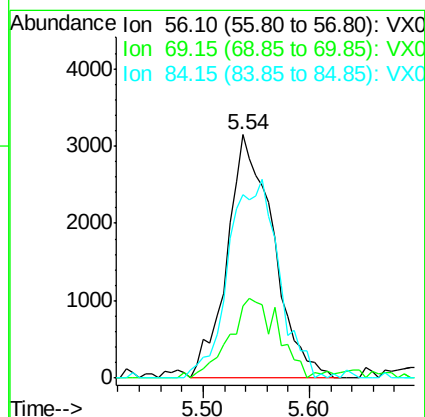
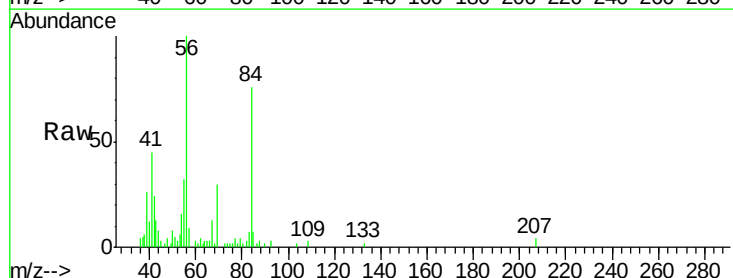
Instrument :
MSVOA_X
ClientSampled :
BG3R2

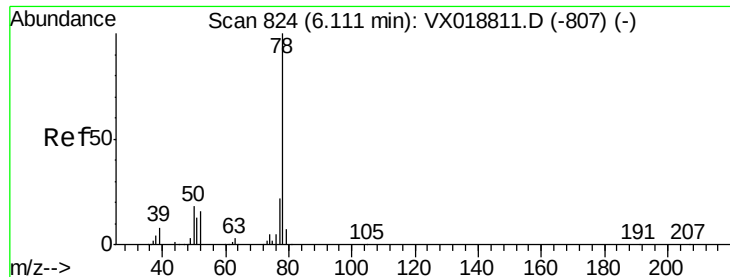
Tot Ion: 84 Resp: 4858
Ion Ratio Lower Upper
84 100
86 81.2 45.6 84.8
49 110.9 85.8 159.3



#30
Cyclohexane
Concen: 0.924 ug/L
RT: 5.54 min Scan# 730
Delta R.T. -0.01 min
Lab File: VX018815.D
Acq: 07 Oct 2020 16:49

Tgt Ion: 56 Resp: 9560
Ion Ratio Lower Upper
56 100
69 35.0 26.0 39.0
84 88.1 73.8 110.6





#33

Benzene

Concen: 0.372 ug/L

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX018815.D

Acq: 07 Oct 2020 16:49

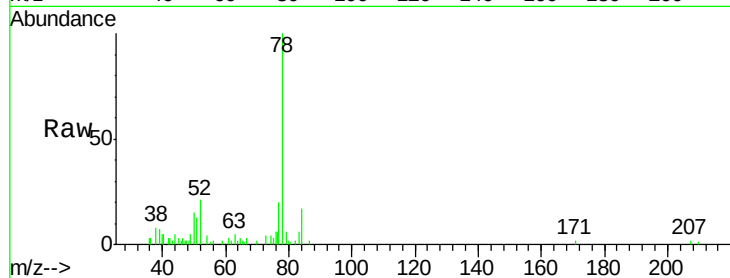
Instrument :

MSVOA_X

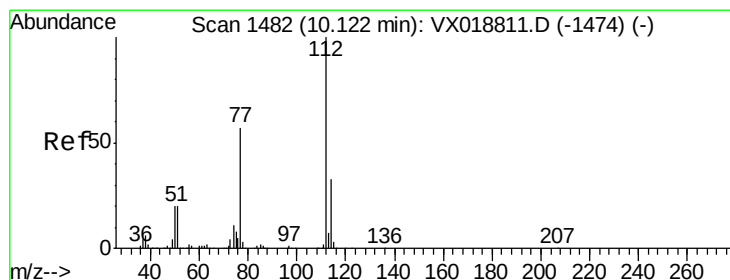
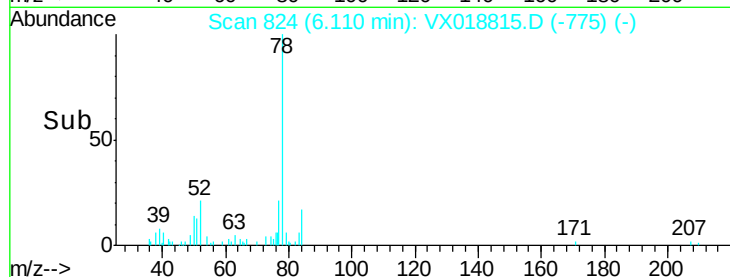
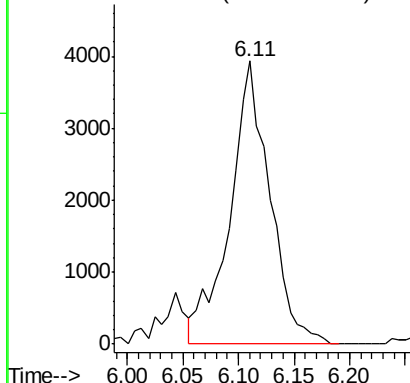
ClientSampleId :

BG3R2

Tgt Ion: 78 Resp: 9836



Abundance Ion 78.10 (77.80 to 78.80): VX0



#53

Chlorobenzene

Concen: 34.200 ug/L

RT: 10.12 min Scan# 1482

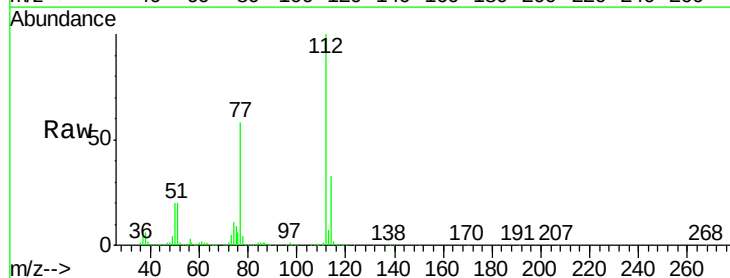
Delta R.T. -0.00 min

Lab File: VX018815.D

Acq: 07 Oct 2020 16:49

Tgt Ion: 112 Resp: 676201

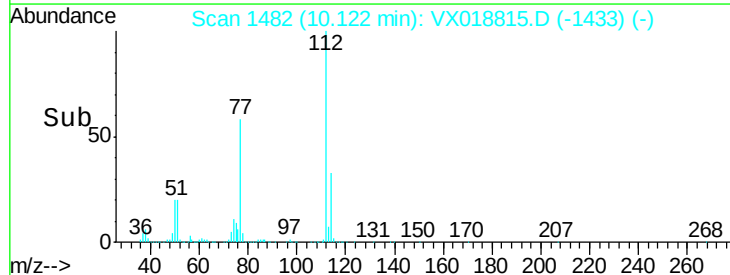
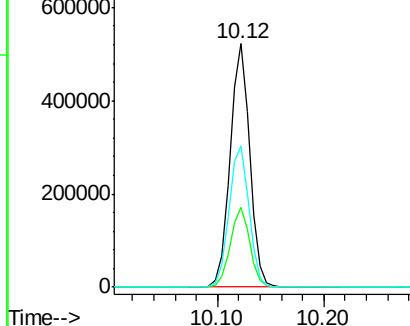
Ion	Ratio	Lower	Upper
112	100		
114	33.0	21.3	39.5
77	58.1	42.4	63.6

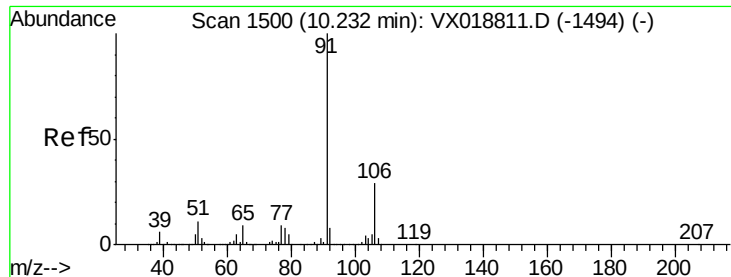


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0

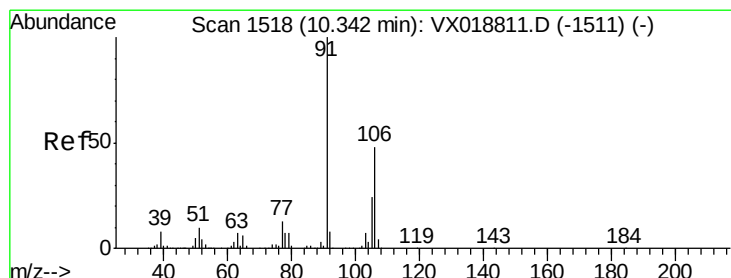
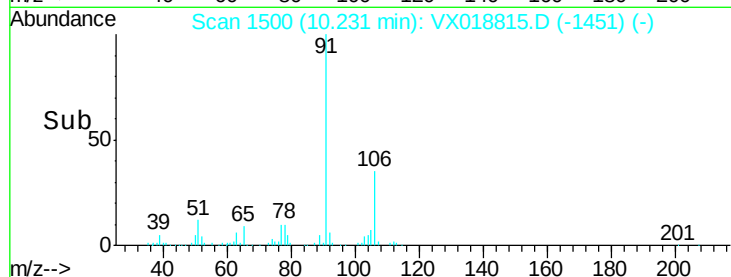
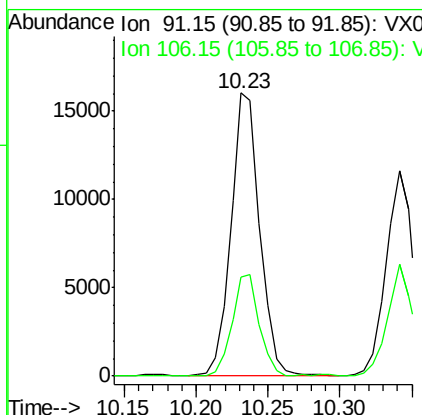
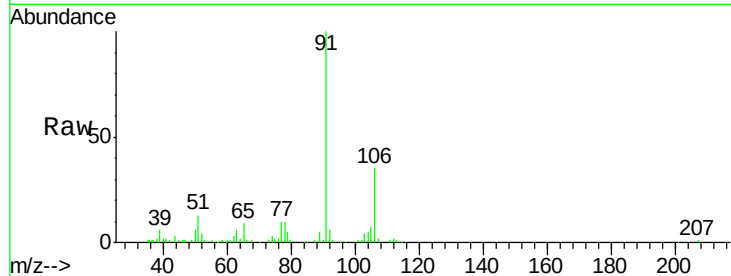




#54
Ethylbenzene
Concen: 0.692 ug/L
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX018815.D
Acq: 07 Oct 2020 16:49

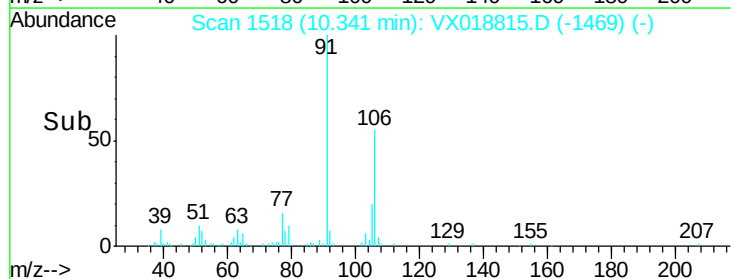
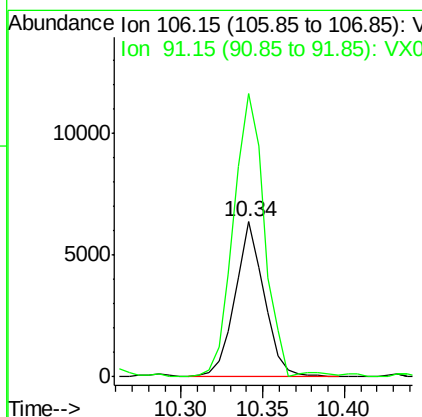
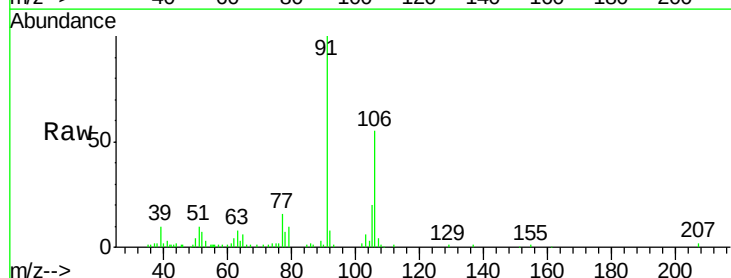
Instrument :
MSVOA_X
ClientSampled :
BG3R2

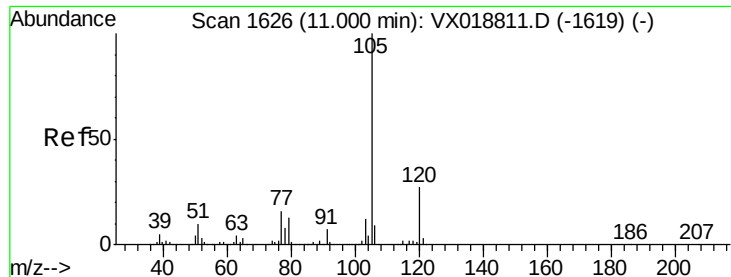
Tot Ion: 91 Resp: 22425
Ion Ratio Lower Upper
91 100
106 34.9 21.5 39.9



#55
m,p-xylene
Concen: 0.628 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018815.D
Acq: 07 Oct 2020 16:49

Tgt Ion: 106 Resp: 7937
Ion Ratio Lower Upper
106 100
91 182.7 143.4 266.2





#58

Isopropylbenzene

Concen: 0.146 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018815.D

Acq: 07 Oct 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

BG3R2

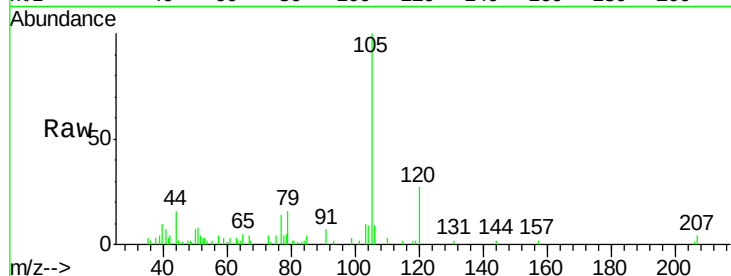
Tot Ion:105 Resp: 4777

Ion Ratio Lower Upper

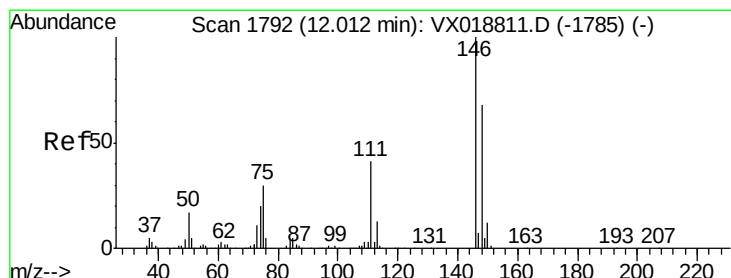
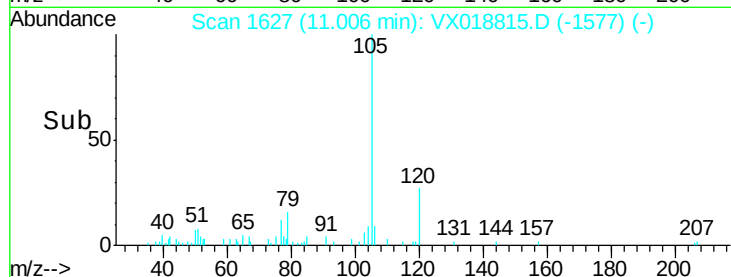
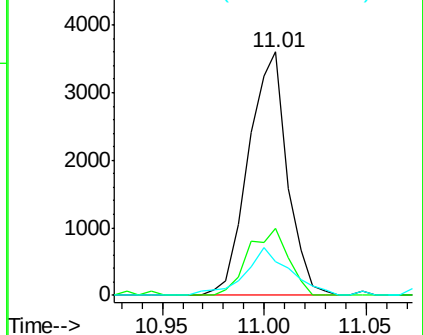
105 100

120 28.4 20.2 30.2

77 22.7 13.3 19.9#



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): V



#63

1,3-Dichlorobenzene

Concen: 1.012 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018815.D

Acq: 07 Oct 2020 16:49

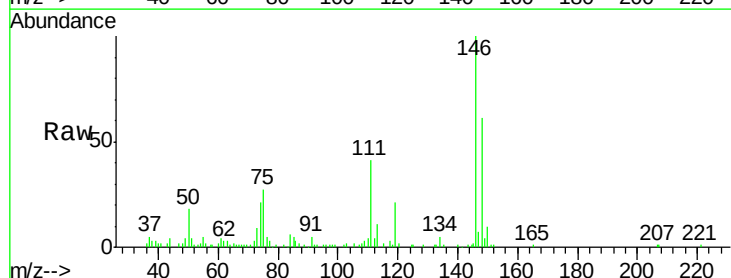
Tgt Ion:146 Resp: 14800

Ion Ratio Lower Upper

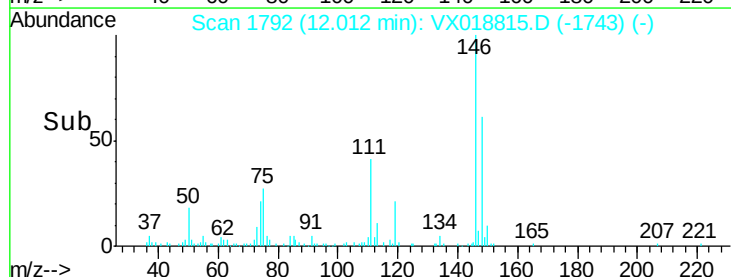
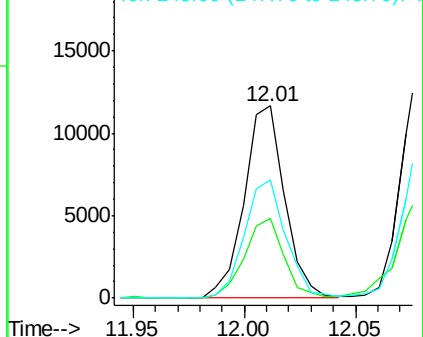
146 100

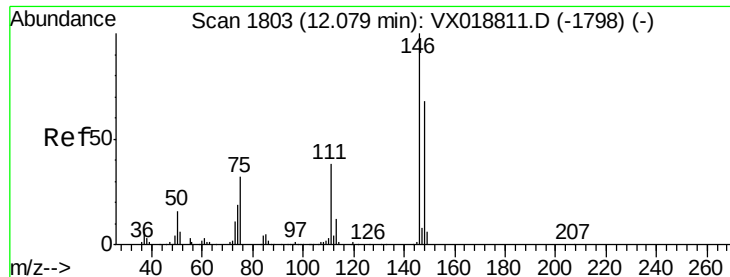
111 41.3 28.4 52.8

148 61.3 45.9 85.3



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

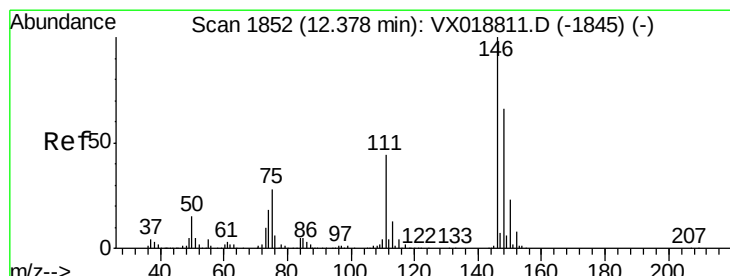
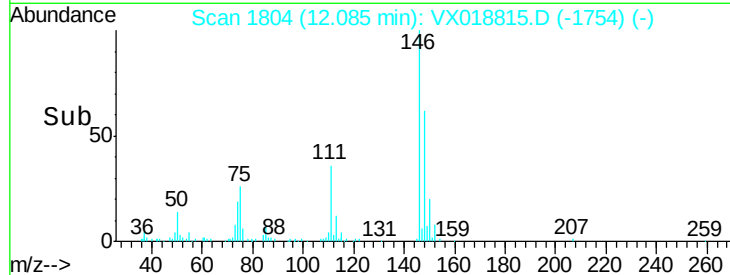
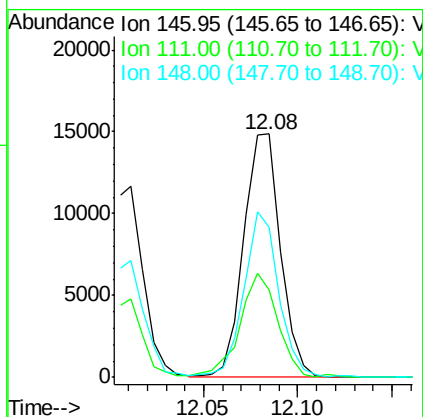
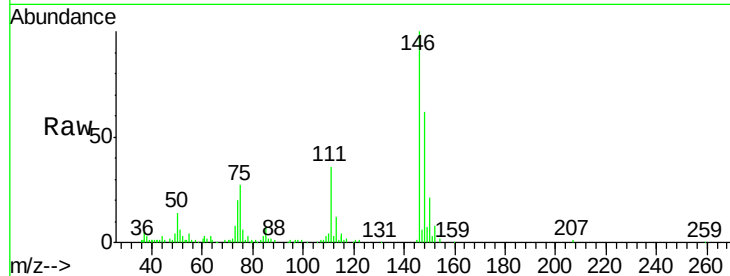




#64
 1,4-Dichlorobenzene
 Concen: 1.384 ug/L
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018815.D
 Acq: 07 Oct 2020 16:49

Instrument :
 MSVOA_X
 ClientSampled :
 BG3R2

Tot Ion:146 Resp: 20189
 Ion Ratio Lower Upper
 146 100
 111 36.0 28.6 53.2
 148 61.6 44.2 82.0



#66
 1,2-Dichlorobenzene
 Concen: 0.190 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018815.D
 Acq: 07 Oct 2020 16:49

Tgt Ion:146 Resp: 2596
 Ion Ratio Lower Upper
 146 100
 111 45.8 31.7 47.5
 148 50.4 49.0 73.6

