

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100620\
 Data File : VX018798.D
 Acq On : 06 Oct 2020 14:41
 Operator : JC/SP
 Sample : L4240-05 10X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3R3

Quant Time: Oct 07 02:27:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 07 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	128455	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	123098	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	58276	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37065	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.70	69	33133	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.34	63	64906	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.56	46	134003	68.08	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.16%#
24) Chloroform-d	5.14	84	93524	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	6.03	65	55104	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	6.04	84	174112	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
36) 1,2-Dichloropropane-d6	7.37	67	53730	6.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.60%
41) Toluene-d8	8.70	98	157737	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
45) trans-1,3-Dichloropropene-	8.99	79	23680	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
48) 2-Hexanone-d5	9.43	63	107035	67.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.24%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	42056	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	67283	6.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.20%#

Target Compounds

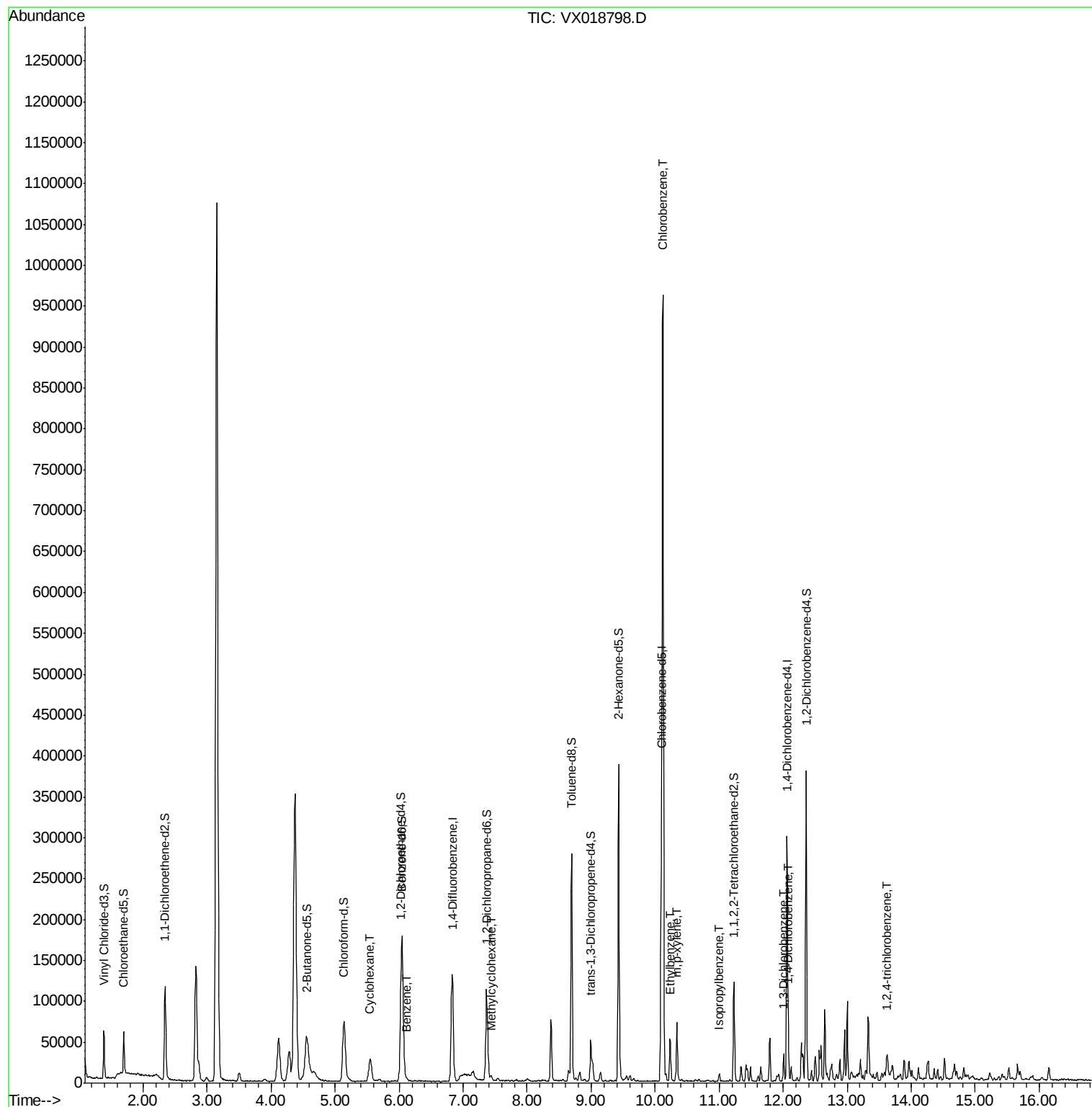
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
30) Cyclohexane	5.54	56	17556	1.738	ug/L	99
33) Benzene	6.12	78	2799	0.109	ug/L	100
35) Methylcyclohexane	7.43	83	2288	0.212	ug/L #	83
53) Chlorobenzene	10.12	112	424839	22.019	ug/L	95
54) Ethylbenzene	10.24	91	27878	0.882	ug/L	99
55) m,p-xylene	10.34	106	15641	1.268	ug/L	89
58) Isopropylbenzene	11.00	105	4425	0.139	ug/L	94
63) 1,3-Dichlorobenzene	12.01	146	6755	0.477	ug/L	97
64) 1,4-Dichlorobenzene	12.09	146	10785	0.763	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	1363	0.151	ug/L #	61

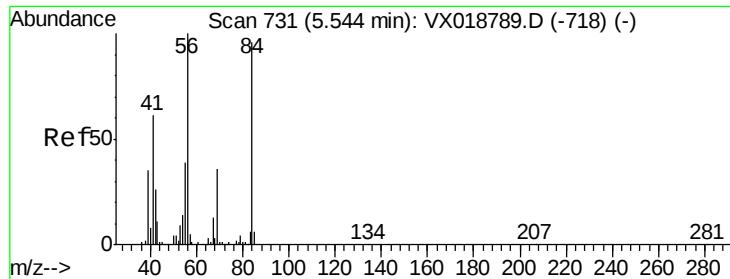
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3R3

Quant Time: Oct 07 02:27:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 07 01:30:09 2020
Response via : Initial Calibration

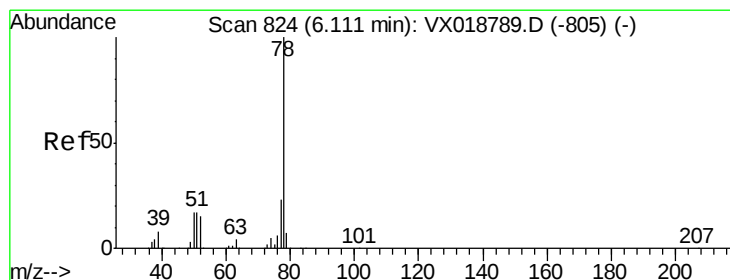
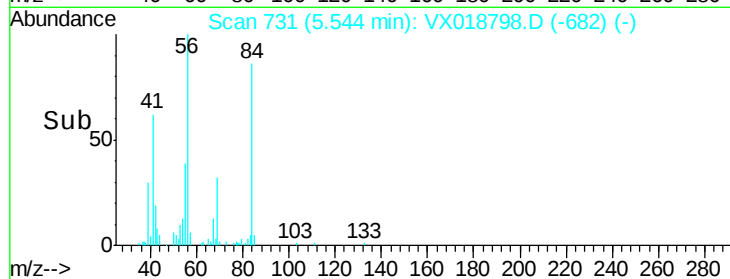
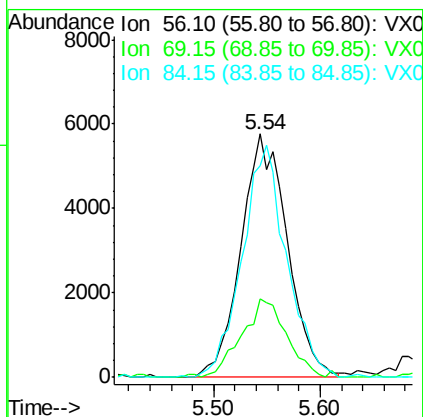
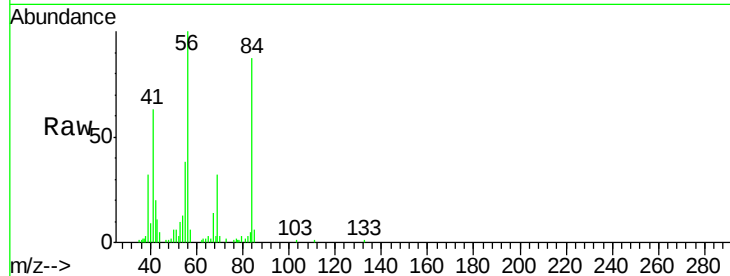




#30
Cyclohexane
Concen: 1.738 ug/L
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX018798.D
Acq: 06 Oct 2020 14:41

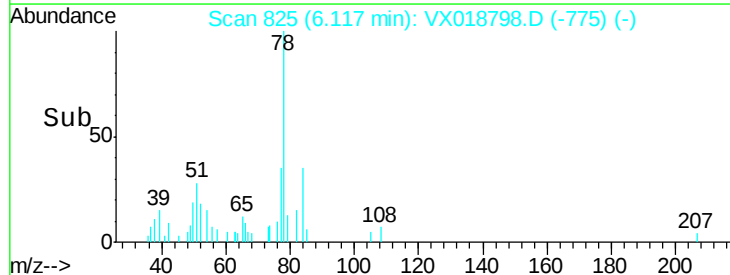
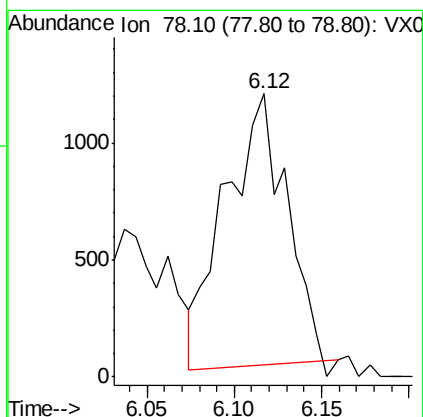
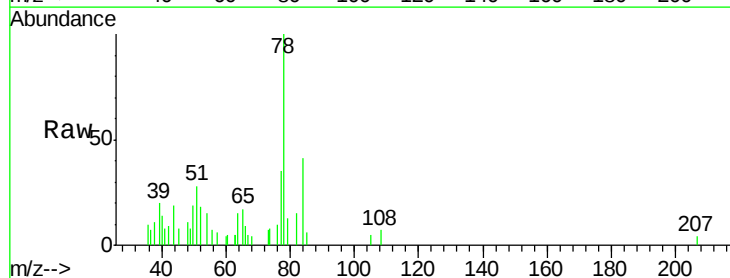
Instrument :
MSVOA_X
ClientSampleId :
BG3R3

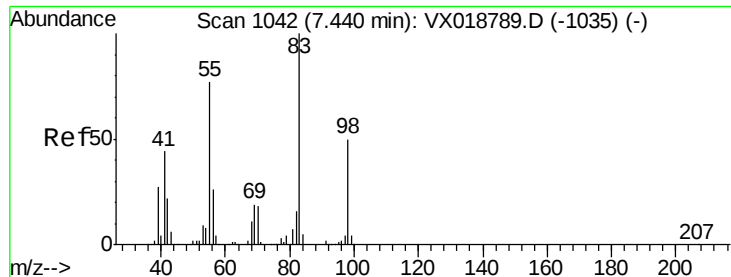
Tot Ion	56	Resp	17556
Ion Ratio	Lower	Upper	
56	100		
69	31.3	26.0	39.0
84	91.1	73.8	110.6



#33
Benzene
Concen: 0.109 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018798.D
Acq: 06 Oct 2020 14:41

Tgt Ion: 78 Resp: 2799

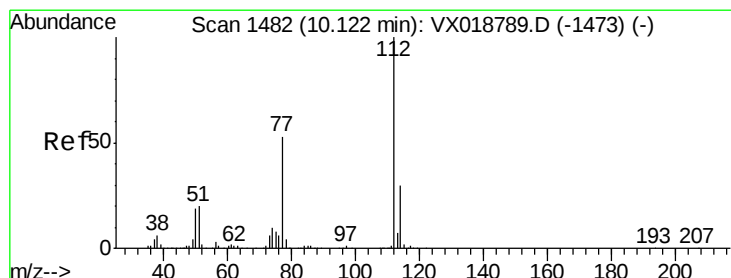
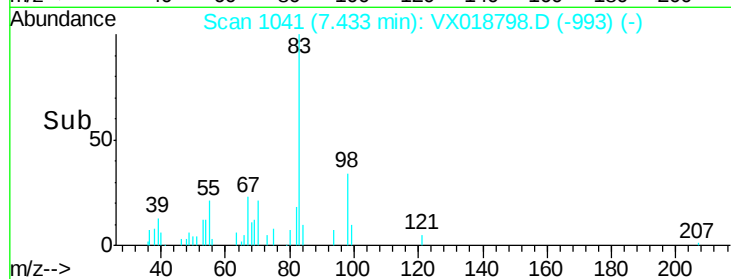
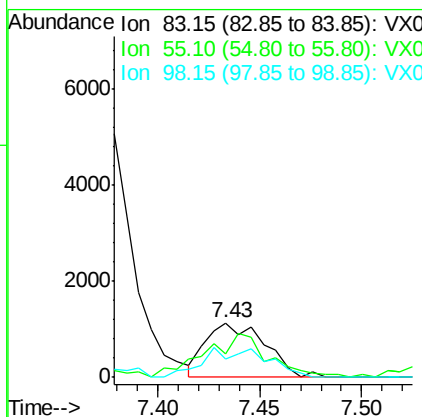
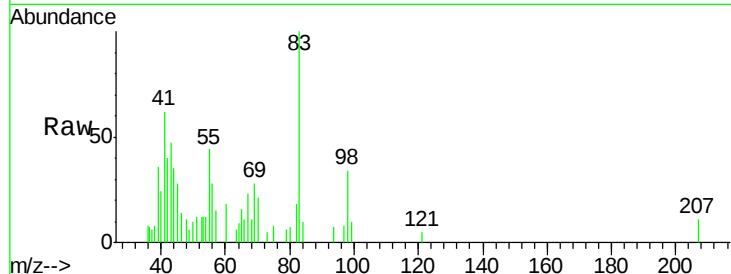




#35
Methvlcvclohexane
Concen: 0.212 ug/L
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018798.D
Acq: 06 Oct 2020 14:41

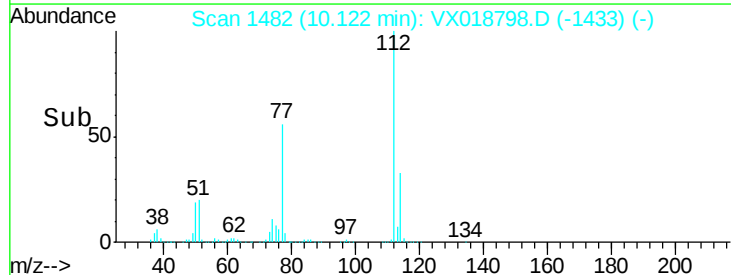
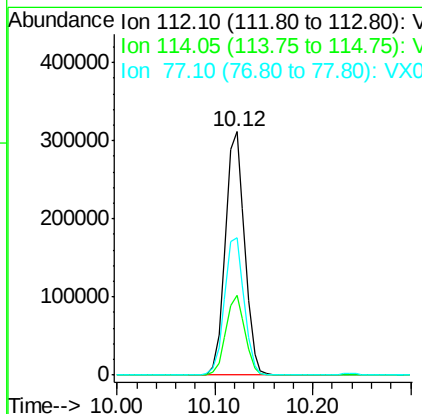
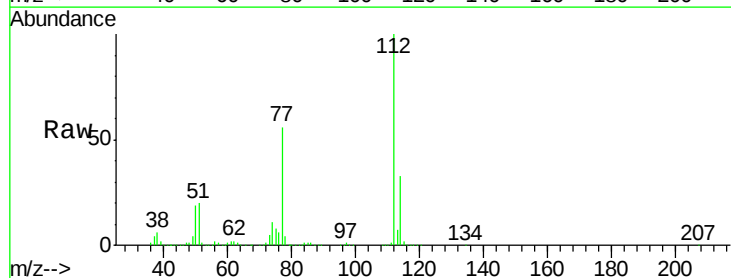
Instrument :
MSVOA_X
ClientSampleId :
BG3R3

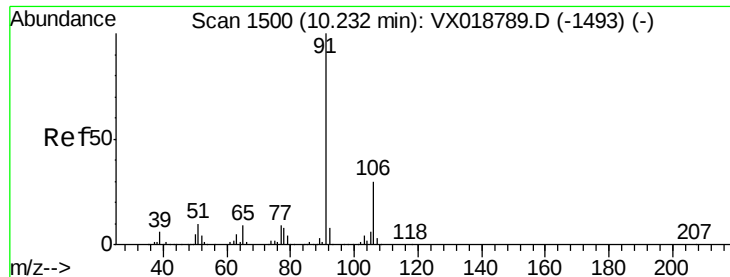
Tot Ion: 83 Resp: 2288
Ion Ratio Lower Upper
83 100
55 86.2 60.3 90.5
98 32.9 39.4 59.0#



#53
Chlorobenzene
Concen: 22.019 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018798.D
Acq: 06 Oct 2020 14:41

Tgt Ion: 112 Resp: 424839
Ion Ratio Lower Upper
112 100
114 32.9 21.3 39.5
77 56.4 42.4 63.6





#54

Ethylbenzene

Concen: 0.882 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018798.D

Acq: 06 Oct 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

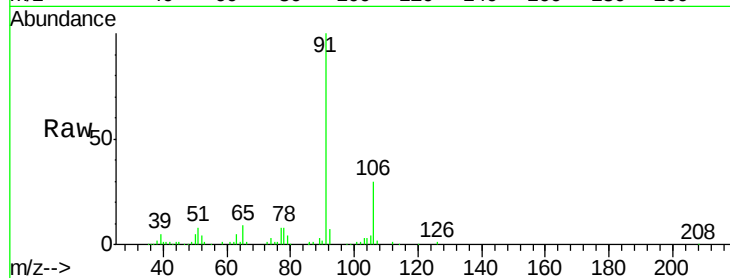
BG3R3

Tot Ion: 91 Resp: 27878

Ion Ratio Lower Upper

91 100

106 30.1 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V

25000

20000

15000

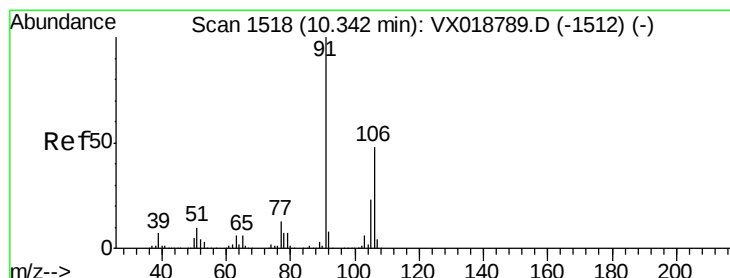
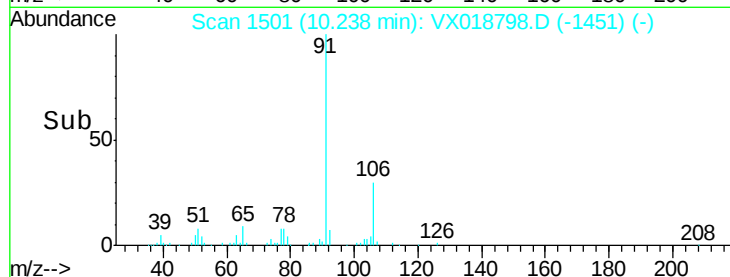
10000

5000

0

Time--> 10.15 10.20 10.25 10.30

10.24



#55

m,p-xylene

Concen: 1.268 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018798.D

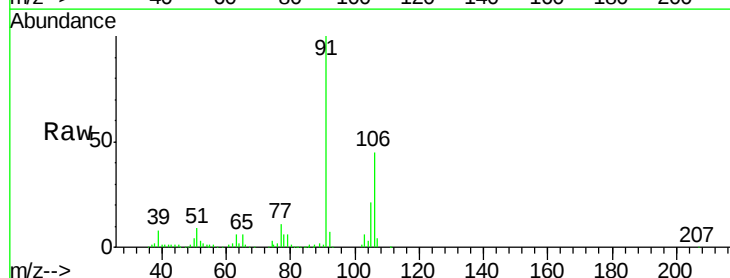
Acq: 06 Oct 2020 14:41

Tgt Ion: 106 Resp: 15641

Ion Ratio Lower Upper

106 100

91 222.2 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

30000

25000

20000

15000

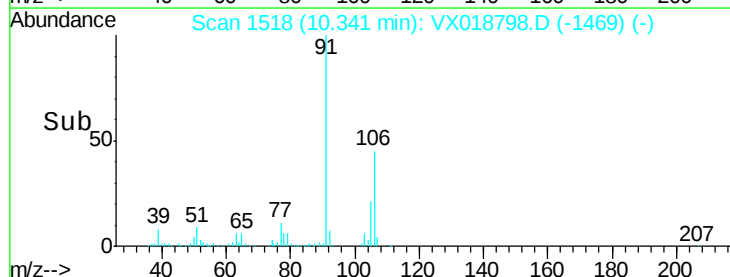
10000

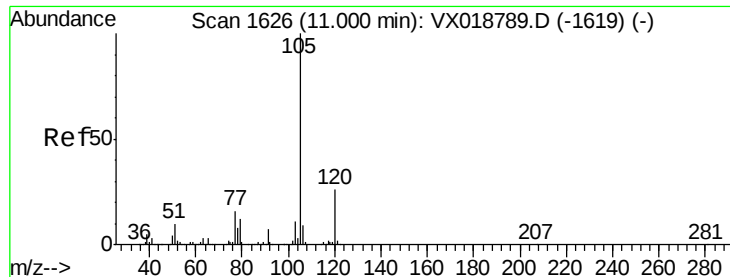
5000

0

Time--> 10.30 10.35 10.40

10.34





#58

Isopropylbenzene

Concen: 0.139 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018798.D

Acq: 06 Oct 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

BG3R3

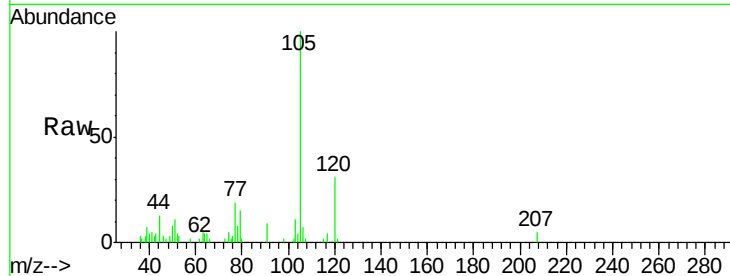
Tot Ion:105 Resp: 4425

Ion Ratio Lower Upper

105 100

120 27.8 20.2 30.2

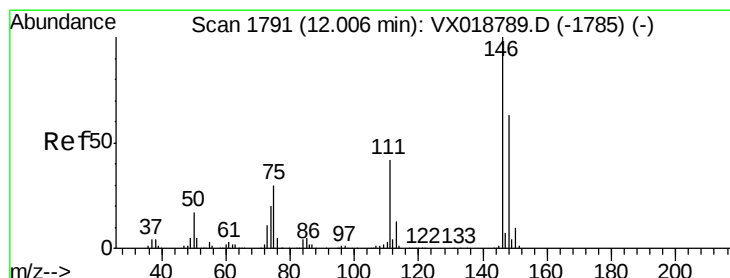
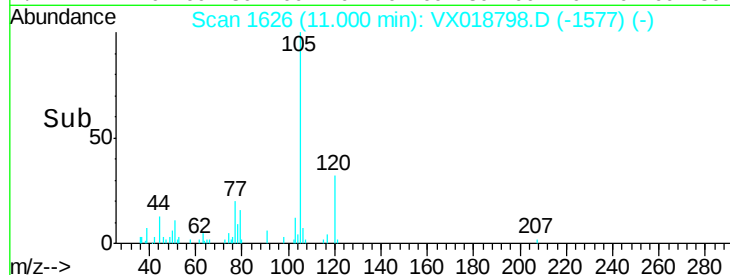
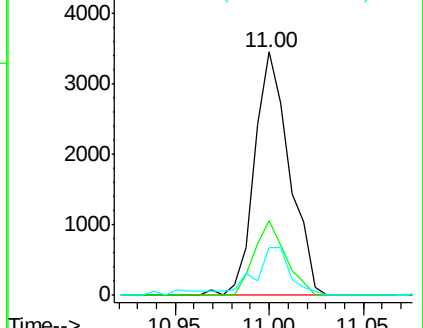
77 19.5 13.3 19.9



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: 0.477 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX018798.D

Acq: 06 Oct 2020 14:41

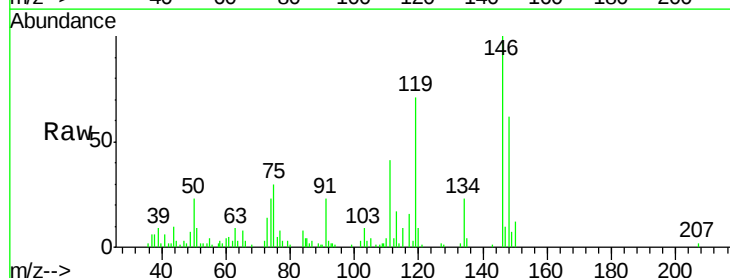
Tgt Ion:146 Resp: 6755

Ion Ratio Lower Upper

146 100

111 40.7 28.4 52.8

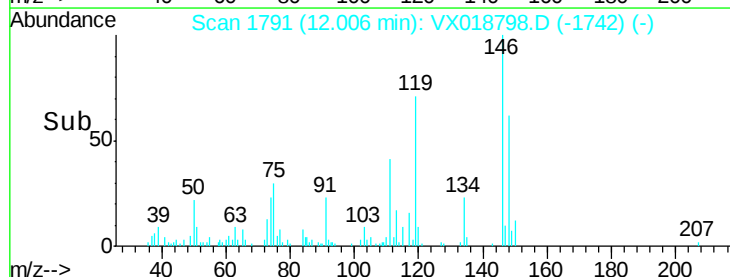
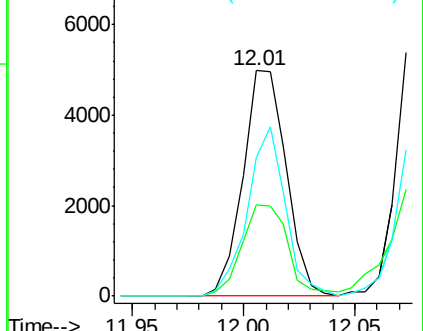
148 61.5 45.9 85.3

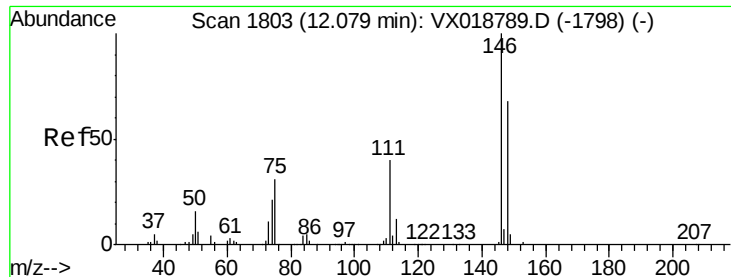


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

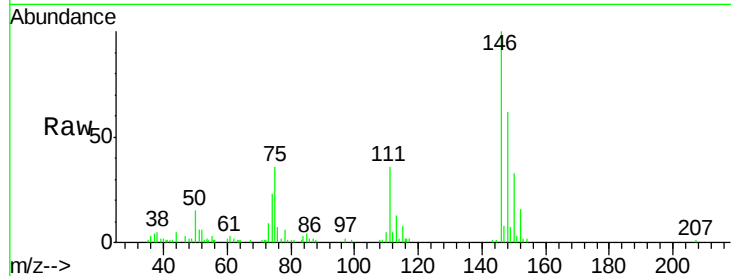




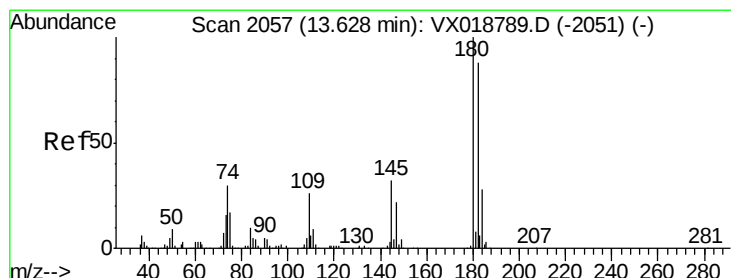
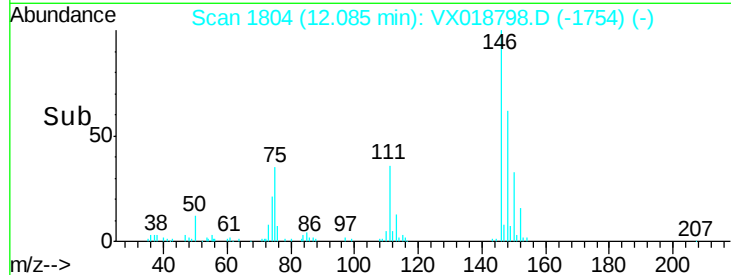
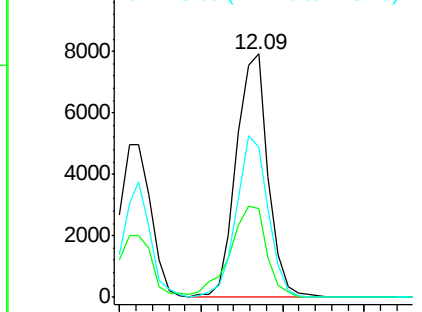
#64
1,4-Dichlorobenzene
Concen: 0.763 ug/L
RT: 12.09 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VX018798.D
Acq: 06 Oct 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :
BG3R3

Tot Ion:146 Resp: 10785
Ion Ratio Lower Upper
146 100
111 36.5 28.6 53.2
148 61.8 44.2 82.0

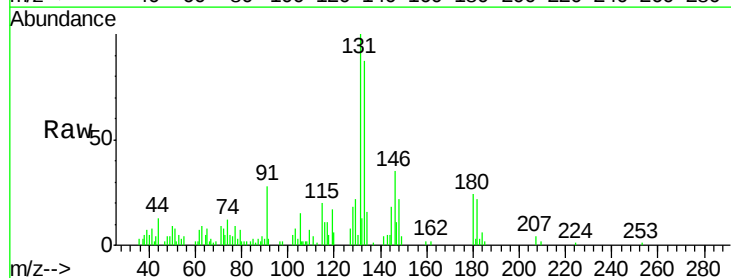


Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#69
1,2,4-trichlorobenzene
Concen: 0.151 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018798.D
Acq: 06 Oct 2020 14:41

Tgt Ion:180 Resp: 1363
Ion Ratio Lower Upper
180 100
182 85.5 80.2 120.4
145 96.0 25.2 37.8#



Abundance Ion 179.90 (179.60 to 180.60): V
Ion 182.00 (181.70 to 182.70): V
Ion 144.95 (144.65 to 145.65): V

