

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
 Data File : VX018785.D
 Acq On : 05 Oct 2020 23:51
 Operator : JC/SP
 Sample : L4240-06 40X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3R5

Quant Time: Oct 06 06:55:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 05:58:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	128376	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	124015	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	55954	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37867	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.70	69	32854	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.34	63	65550	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.56	46	126506	64.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.62%
24) Chloroform-d	5.14	84	92747	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	6.03	65	54958	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	6.05	84	173892	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
36) 1,2-Dichloropropane-d6	7.37	67	51779	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.20%
41) Toluene-d8	8.70	98	154042	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
45) trans-1,3-Dichloropropene-	8.99	79	22755	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
48) 2-Hexanone-d5	9.43	63	101946	63.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.92%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	41246	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	62692	6.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.40%#

Target Compounds

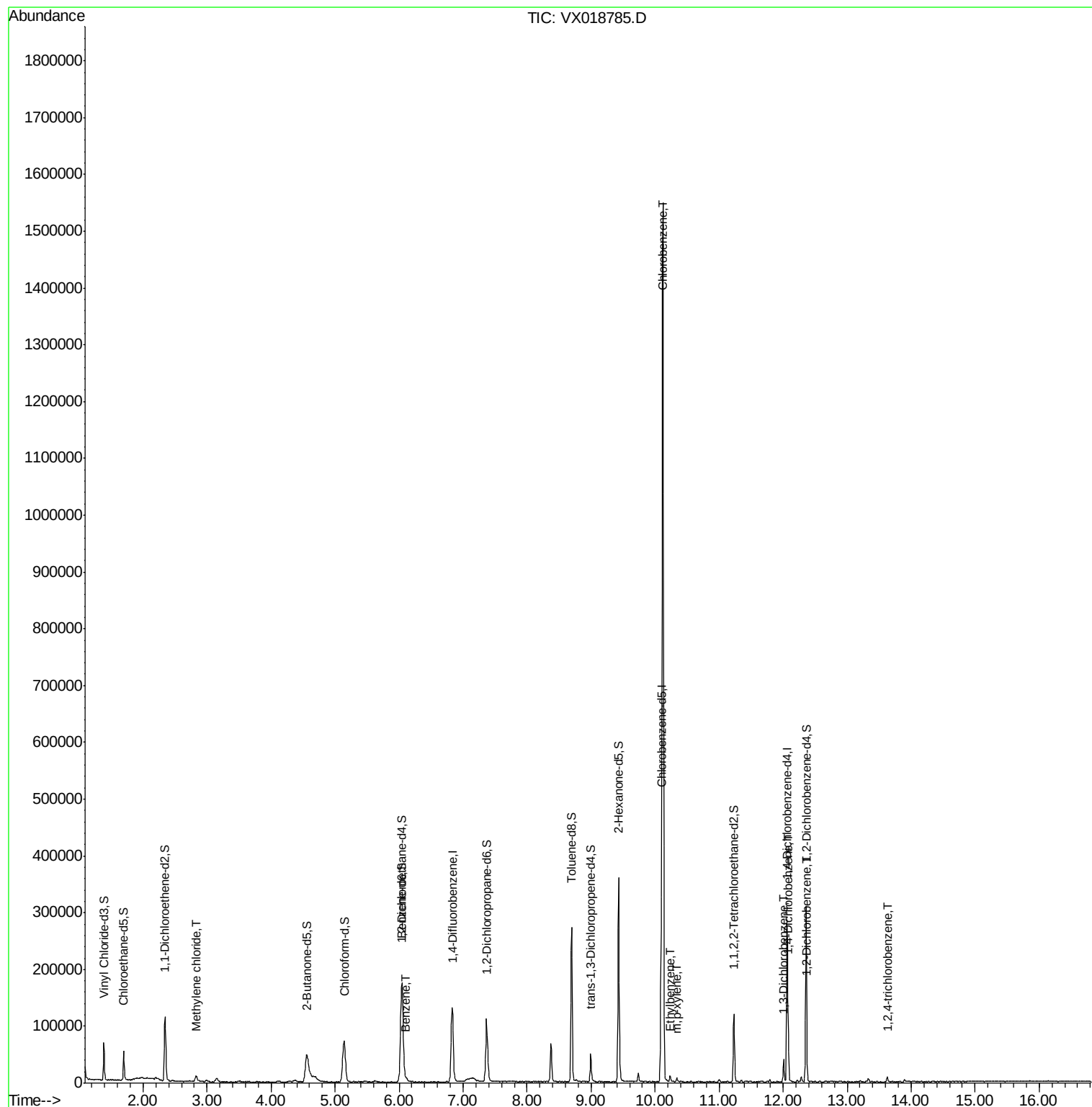
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.84	84	2474	0.319	ug/L	91
33) Benzene	6.11	78	5753	0.222	ug/L	100
53) Chlorobenzene	10.12	112	667946	34.363	ug/L	95
54) Ethylbenzene	10.23	91	5140	0.161	ug/L	93
55) m,p-xylene	10.34	106	1537	0.124	ug/L	81
63) 1,3-Dichlorobenzene	12.01	146	13237	0.973	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	17382	1.282	ug/L	95
66) 1,2-Dichlorobenzene	12.38	146	1096	0.086	ug/L	94
69) 1,2,4-trichlorobenzene	13.63	180	1700	0.196	ug/L #	87

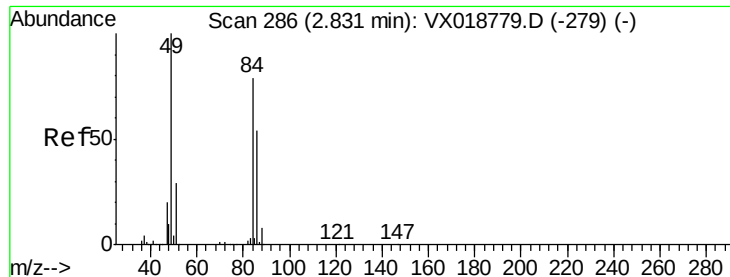
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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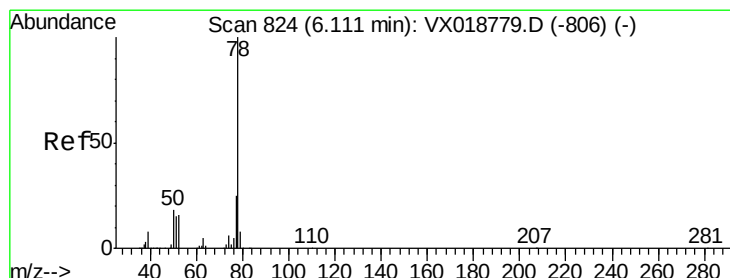
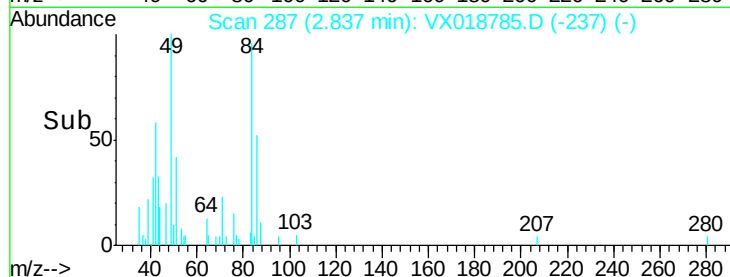
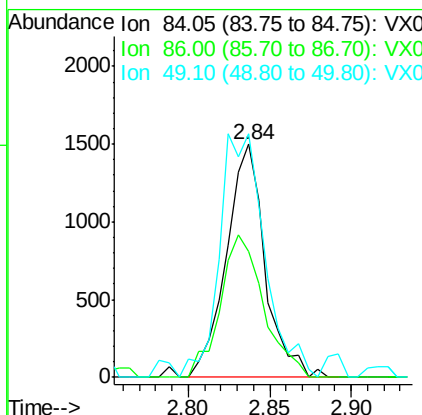
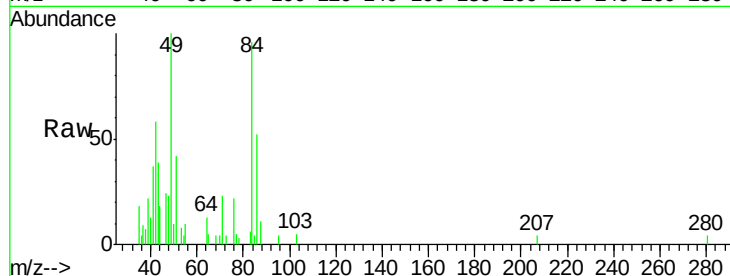




#16
Methylene chloride
Concen: 0.319 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018785.D
Acq: 05 Oct 2020 23:51

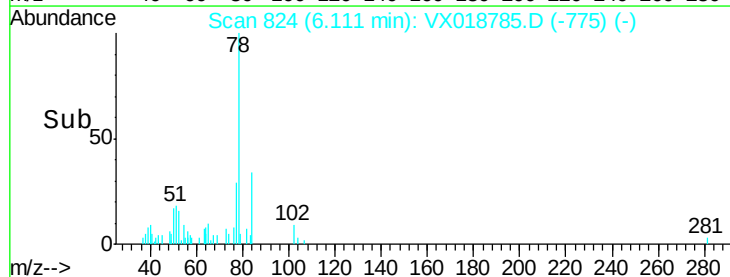
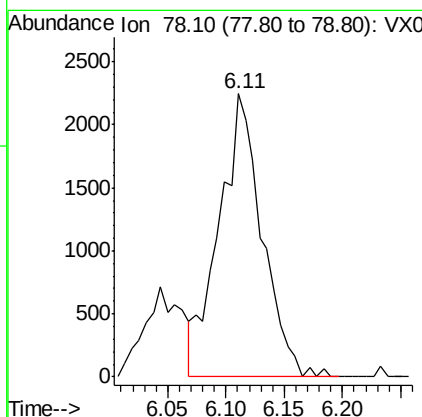
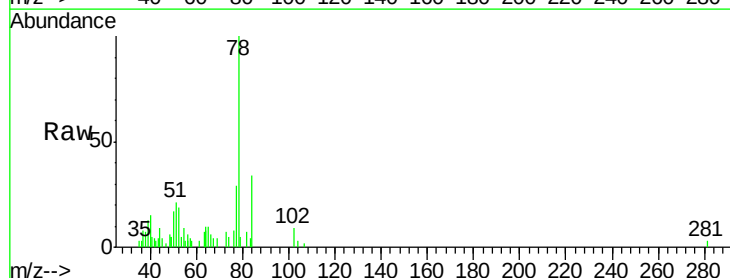
Instrument :
MSVOA_X
ClientSampleId :
BG3R5

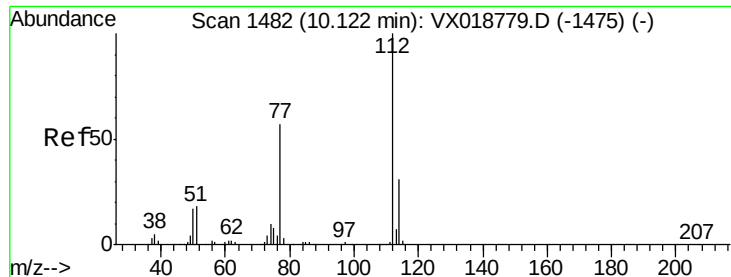
Tot Ion: 84 Resp: 2474
Ion Ratio Lower Upper
84 100
86 53.9 45.6 84.8
49 115.1 85.8 159.3



#33
Benzene
Concen: 0.222 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018785.D
Acq: 05 Oct 2020 23:51

Tgt Ion: 78 Resp: 5753





#53

Chlorobenzene

Concen: 34.363 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018785.D

Acq: 05 Oct 2020 23:51

Instrument :

MSVOA_X

ClientSampled :

BG3R5

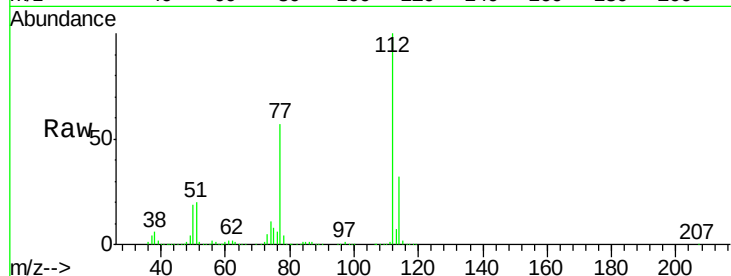
Tot Ion:112 Resp: 667946

Ion Ratio Lower Upper

112 100

114 32.2 21.3 39.5

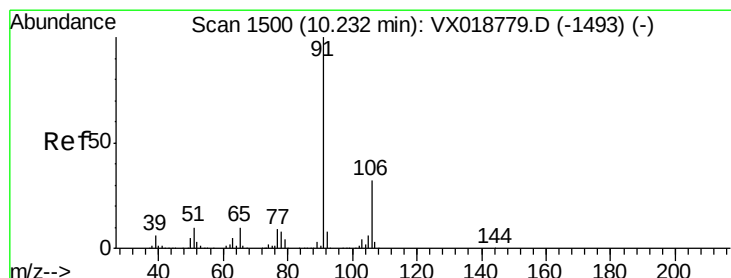
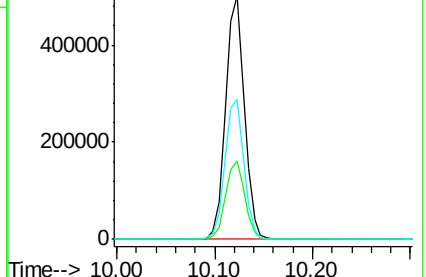
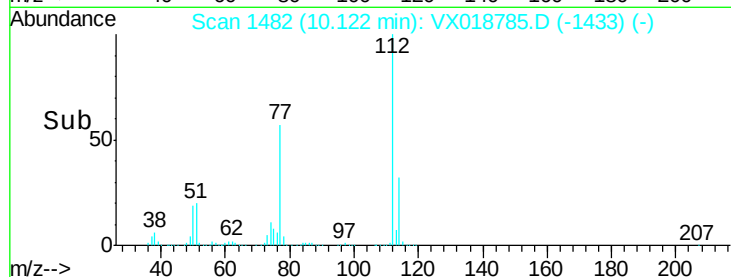
77 57.3 42.4 63.6



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: 0.161 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018785.D

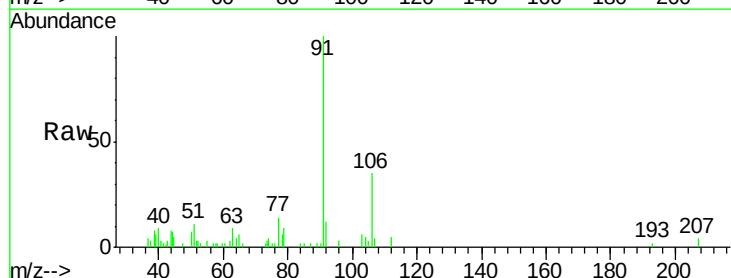
Acq: 05 Oct 2020 23:51

Tgt Ion: 91 Resp: 5140

Ion Ratio Lower Upper

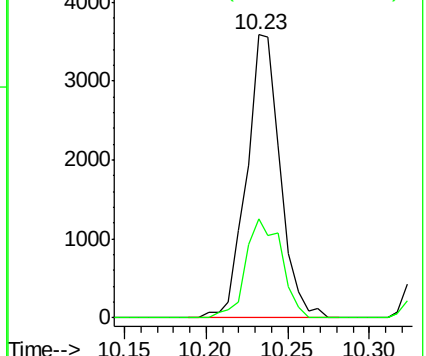
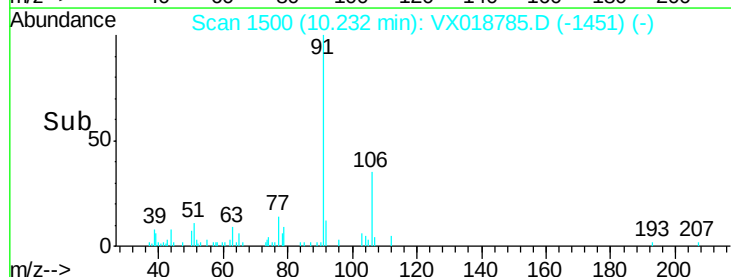
91 100

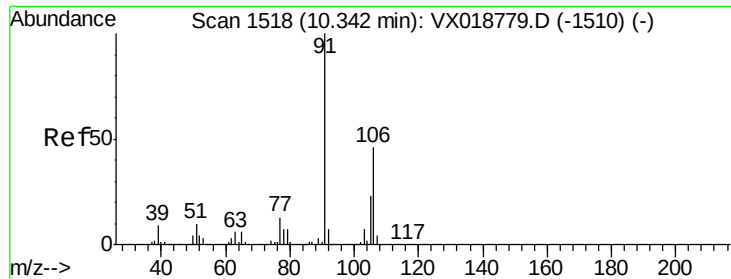
106 34.8 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 0.124 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018785.D

Acq: 05 Oct 2020 23:51

Instrument :

MSVOA_X

ClientSampled :

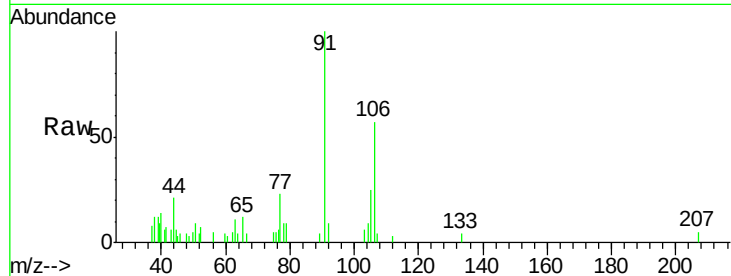
BG3R5

Tot Ion:106 Resp: 1537

Ion Ratio Lower Upper

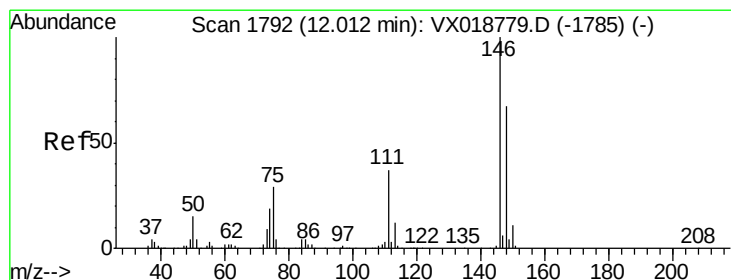
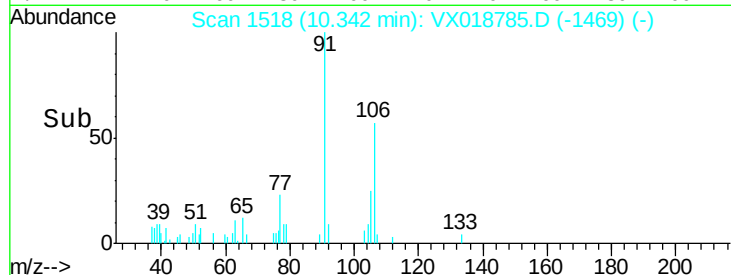
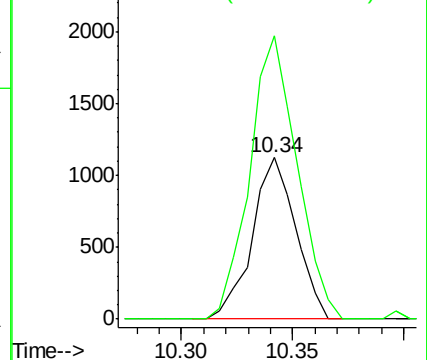
106 100

91 175.3 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#63

1,3-Dichlorobenzene

Concen: 0.973 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018785.D

Acq: 05 Oct 2020 23:51

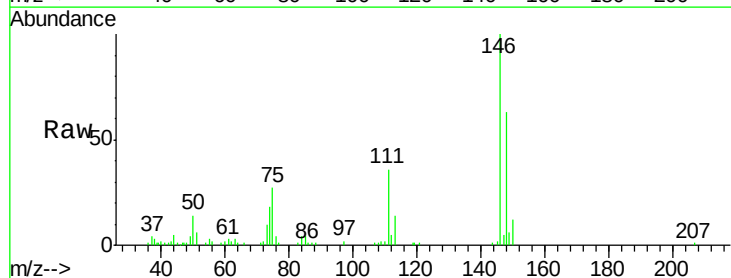
Tgt Ion:146 Resp: 13237

Ion Ratio Lower Upper

146 100

111 36.5 28.4 52.8

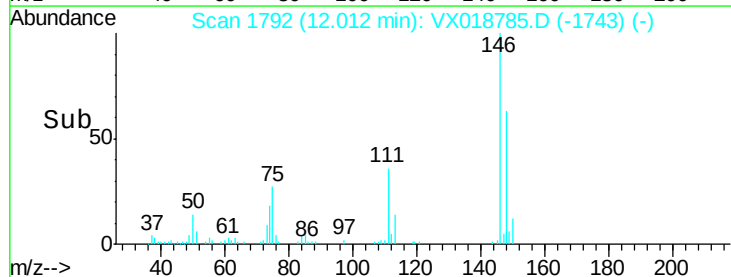
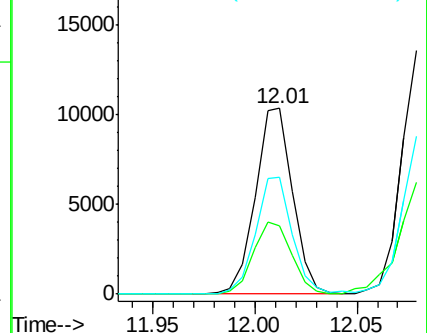
148 63.2 45.9 85.3

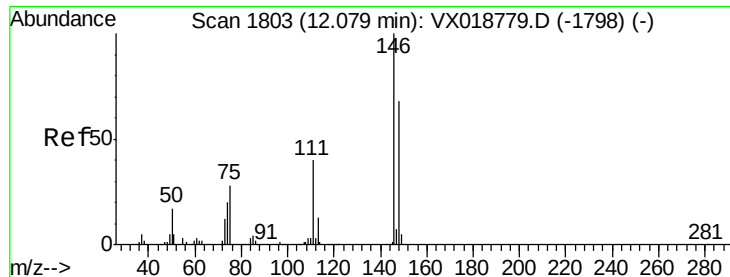


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

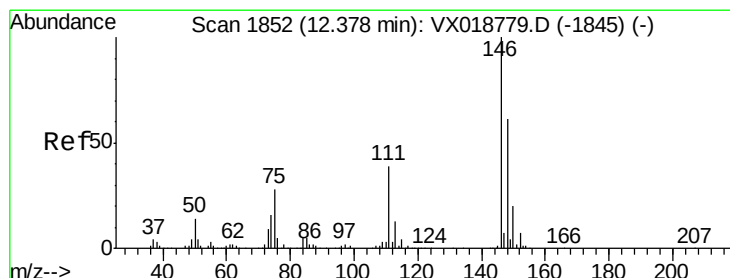
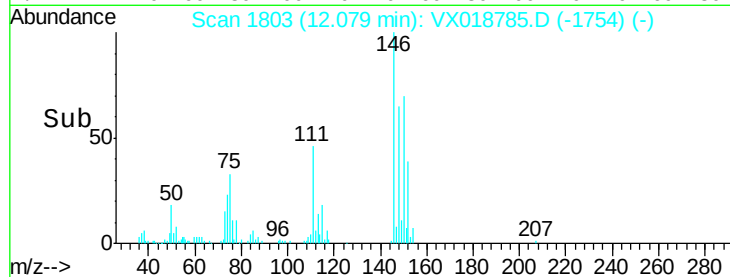
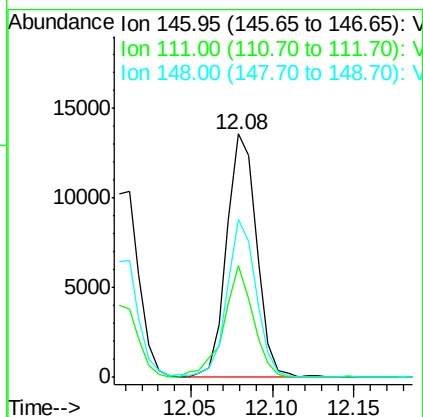
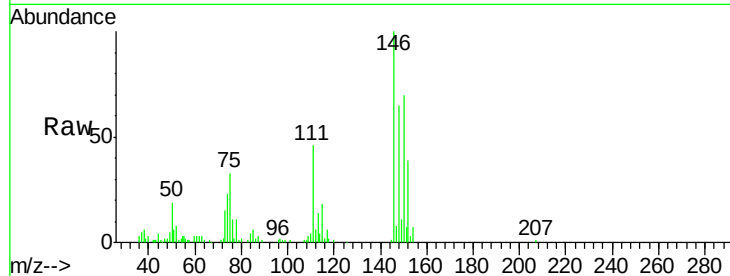




#64
 1,4-Dichlorobenzene
 Concen: 1.282 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018785.D
 Acq: 05 Oct 2020 23:51

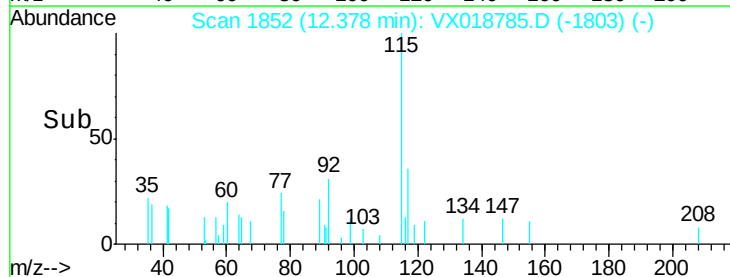
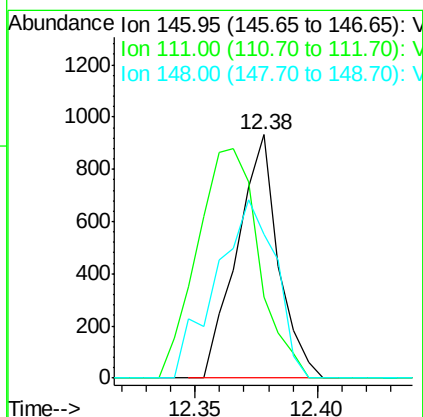
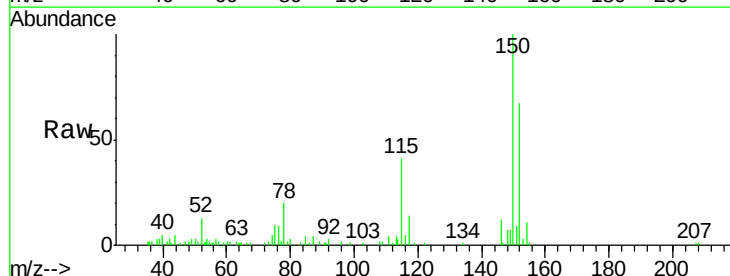
Instrument :
 MSVOA_X
 ClientSampleId :
 BG3R5

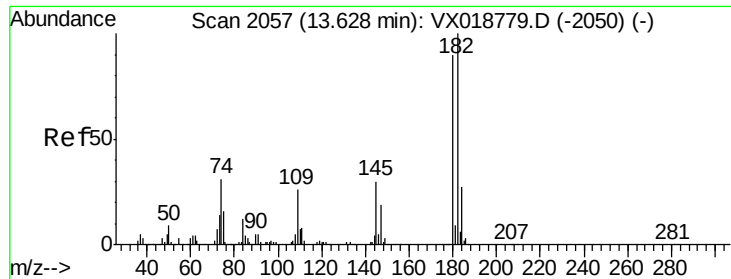
Tot Ion:146 Resp: 17382
 Ion Ratio Lower Upper
 146 100
 111 46.0 28.6 53.2
 148 64.9 44.2 82.0



#66
 1,2-Dichlorobenzene
 Concen: 0.086 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018785.D
 Acq: 05 Oct 2020 23:51

Tgt Ion:146 Resp: 1096
 Ion Ratio Lower Upper
 146 100
 111 33.3 31.7 47.5
 148 59.3 49.0 73.6





#69

1,2,4-trichlorobenzene

Concen: 0.196 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018785.D

Acq: 05 Oct 2020 23:51

Instrument :

MSVOA_X

ClientSampleId :

BG3R5

Tot Ion:180 Resp: 1700

Ion Ratio Lower Upper

180 100

182 109.5 80.2 120.4

145 44.9 25.2 37.8#

