

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100720\
 Data File : VX018820.D
 Acq On : 07 Oct 2020 18:57
 Operator : JC/SP
 Sample : L4240-15DL 40X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3T7DL

Quant Time: Oct 08 02:31:14 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	133983	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	128932	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	57733	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	33542	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.70	69	33145	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.34	63	60945	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.56	46	145478	70.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.72%#
24) Chloroform-d	5.14	84	98895	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	6.03	65	60420	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	6.04	84	171481	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	7.37	67	53955	5.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.40%
41) Toluene-d8	8.70	98	151176	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
45) trans-1,3-Dichloropropene-	8.99	79	23828	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
48) 2-Hexanone-d5	9.43	63	113472	67.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.88%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	44392	5.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	63975	6.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.20%#

Target Compounds

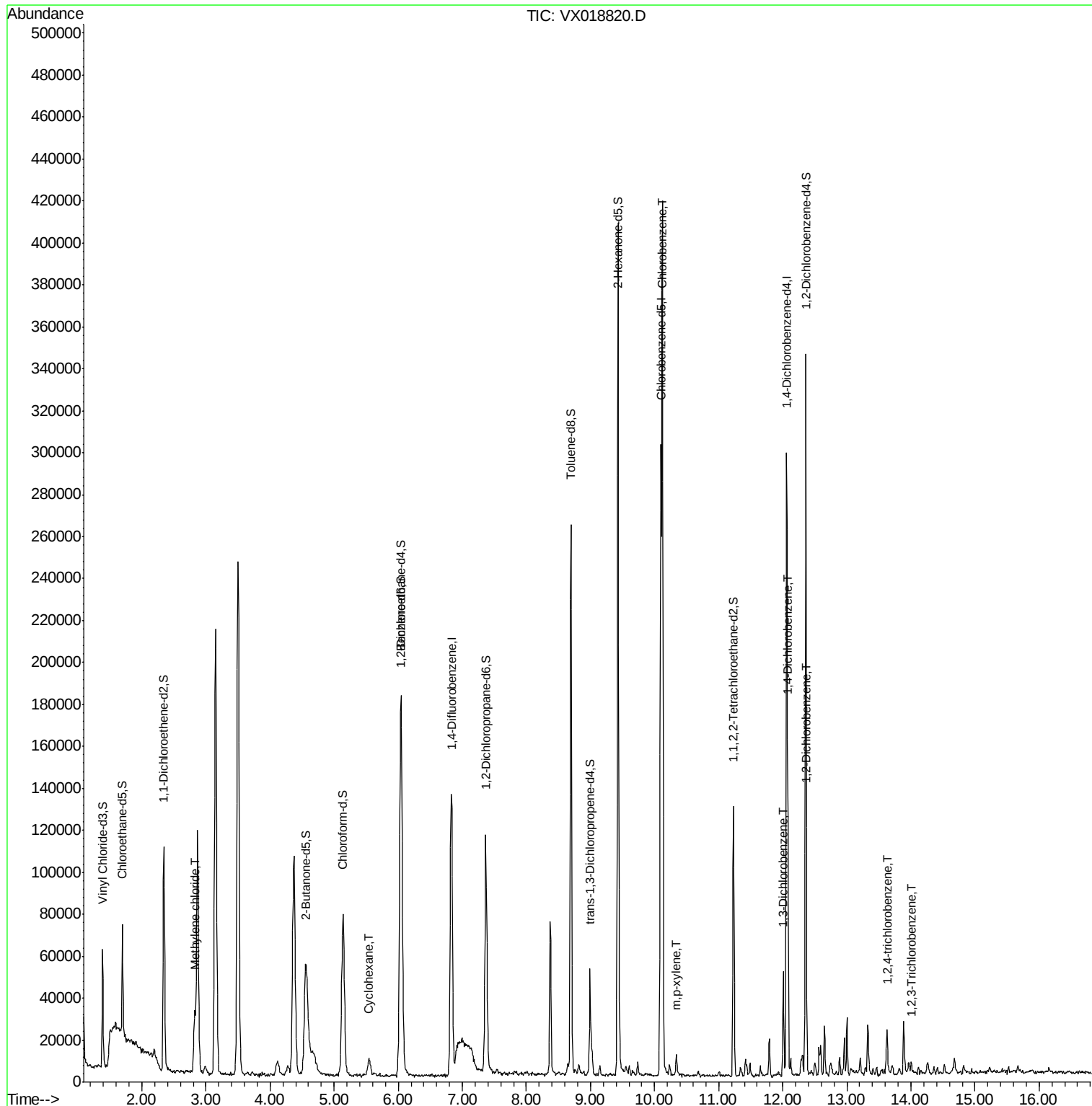
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.84	84	4777	0.590	ug/L	97
30) Cyclohexane	5.54	56	5106	0.483	ug/L	100
53) Chlorobenzene	10.12	112	172719	8.547	ug/L	96
55) m,p-xylene	10.34	106	2081	0.161	ug/L	90
63) 1,3-Dichlorobenzene	12.01	146	14842	1.058	ug/L	93
64) 1,4-Dichlorobenzene	12.08	146	27120	1.938	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	1326	0.101	ug/L	91
69) 1,2,4-trichlorobenzene	13.63	180	3745	0.418	ug/L #	88
71) 1,2,3-Trichlorobenzene	14.00	180	742	0.092	ug/L #	77

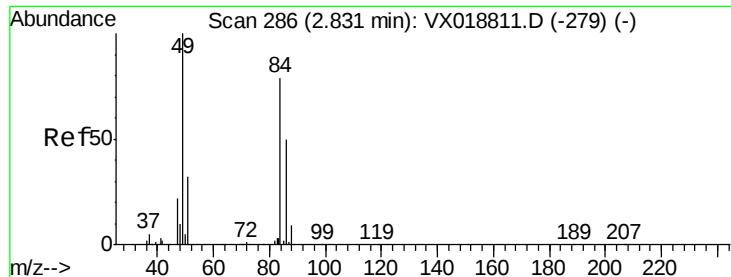
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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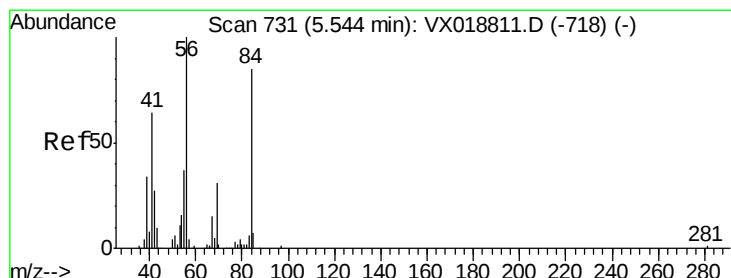
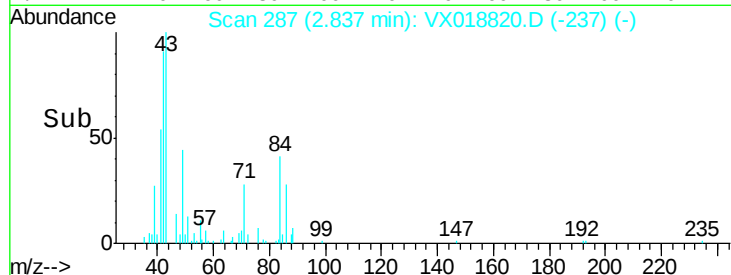
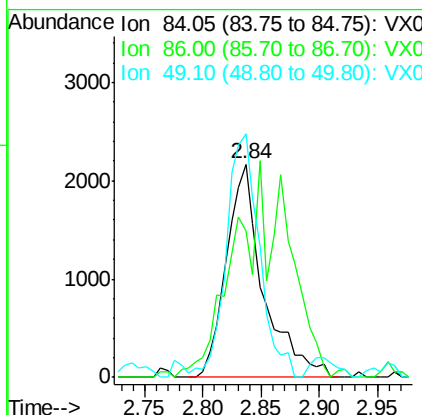
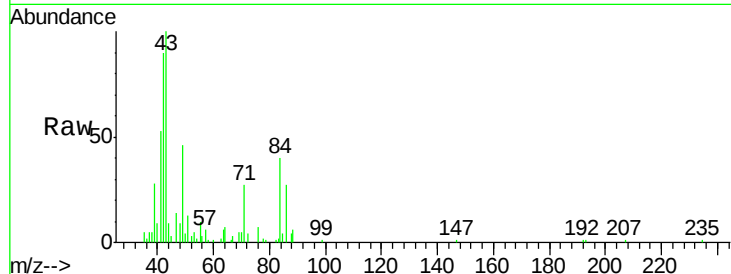




#16
Methylene chloride
Concen: 0.590 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018820.D
Acq: 07 Oct 2020 18:57

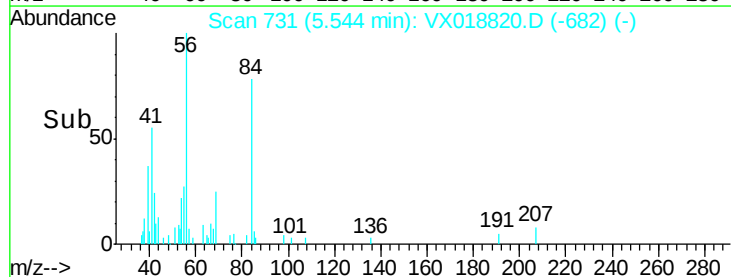
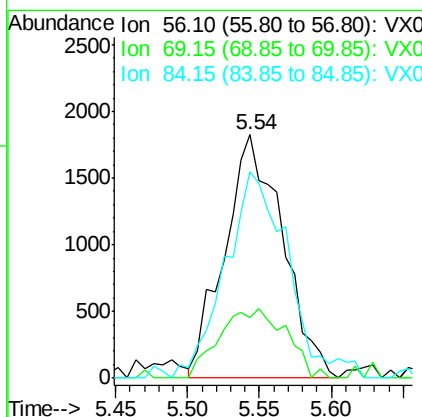
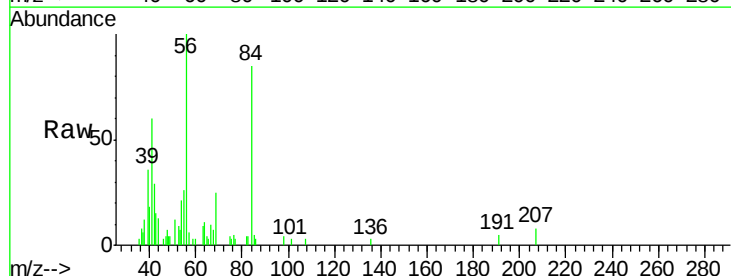
Instrument :
MSVOA_X
ClientSampleId :
BG3T7DL

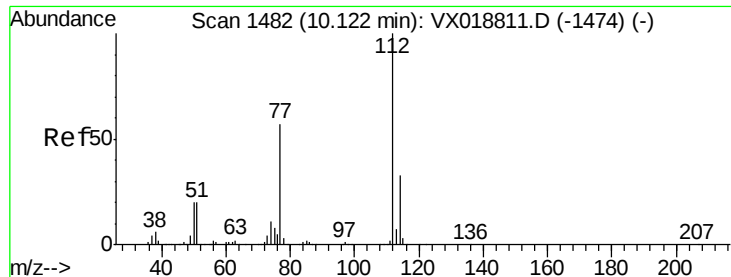
Tot Ion: 84 Resp: 4777
Ion Ratio Lower Upper
84 100
86 68.7 45.6 84.8
49 125.0 85.8 159.3



#30
Cyclohexane
Concen: 0.483 ug/L
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX018820.D
Acq: 07 Oct 2020 18:57

Tgt Ion: 56 Resp: 5106
Ion Ratio Lower Upper
56 100
69 32.9 26.0 39.0
84 91.8 73.8 110.6





#53

Chlorobenzene

Concen: 8.547 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018820.D

Acq: 07 Oct 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

BG3T7DL

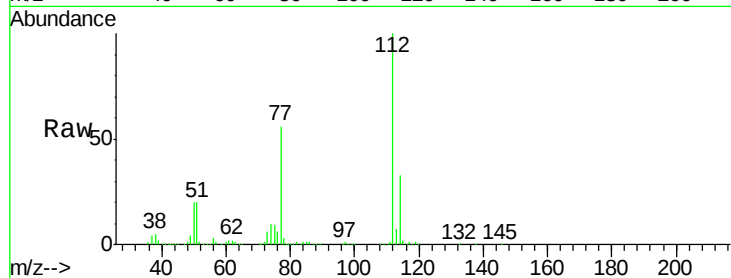
Tot Ion:112 Resp: 172719

Ion Ratio Lower Upper

112 100

114 32.7 21.3 39.5

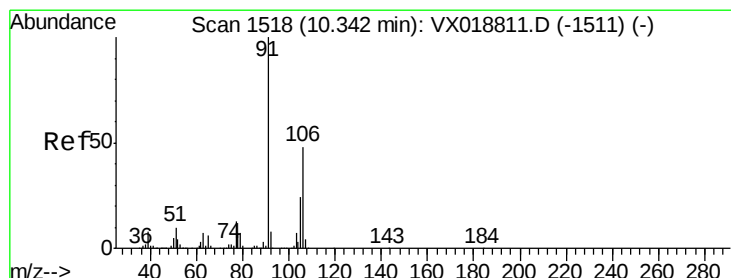
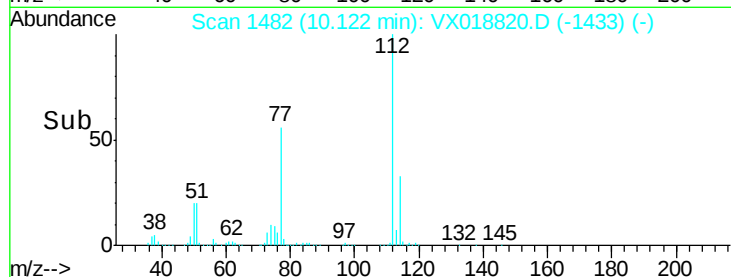
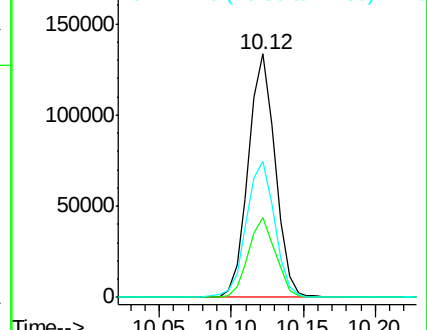
77 55.7 42.4 63.6



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



#55

m,p-xylene

Concen: 0.161 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018820.D

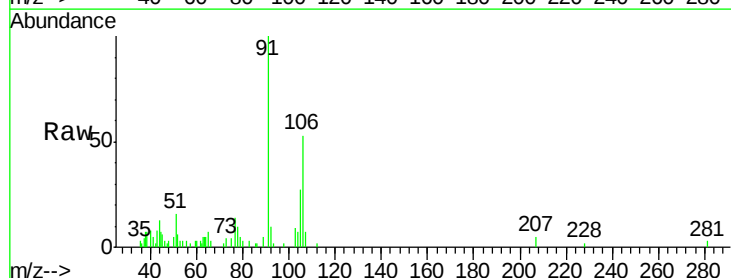
Acq: 07 Oct 2020 18:57

Tgt Ion:106 Resp: 2081

Ion Ratio Lower Upper

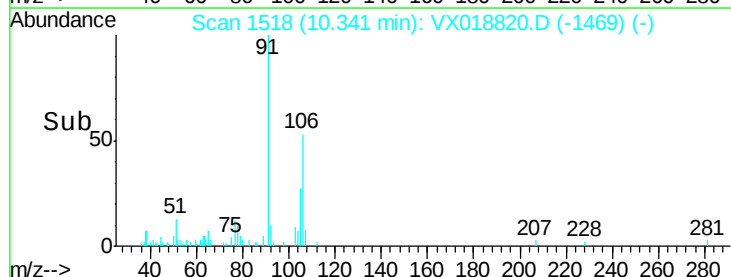
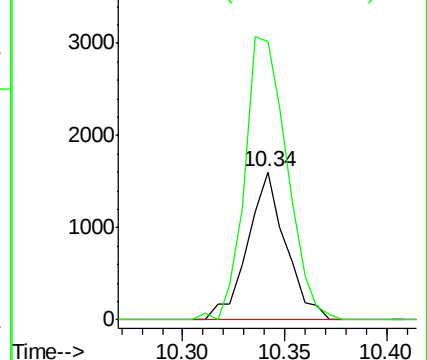
106 100

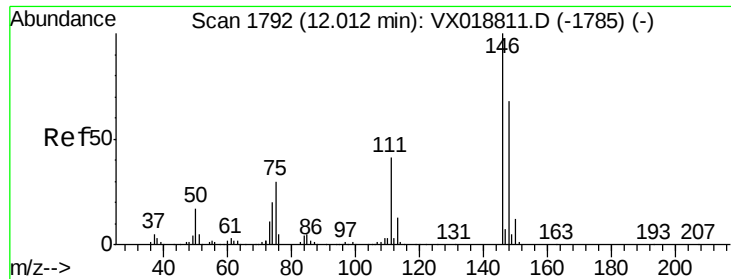
91 188.8 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

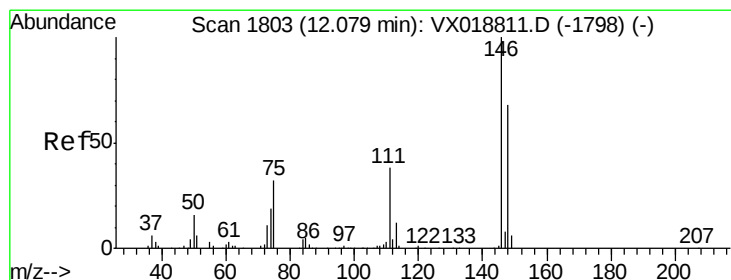
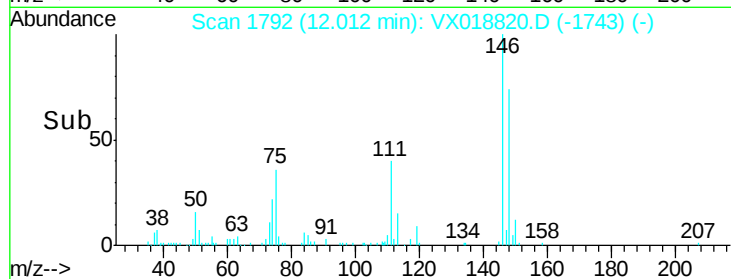
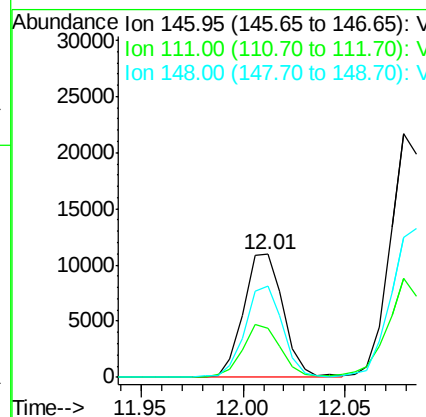
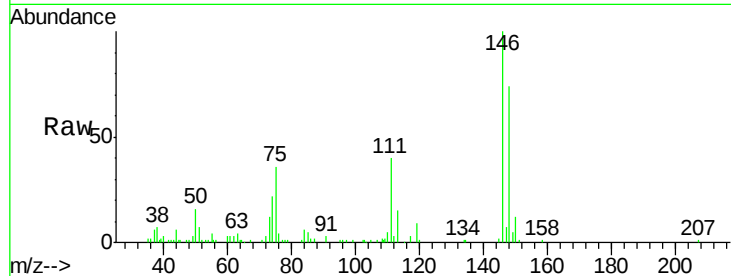




#63
 1,3-Dichlorobenzene
 Concen: 1.058 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018820.D
 Acq: 07 Oct 2020 18:57

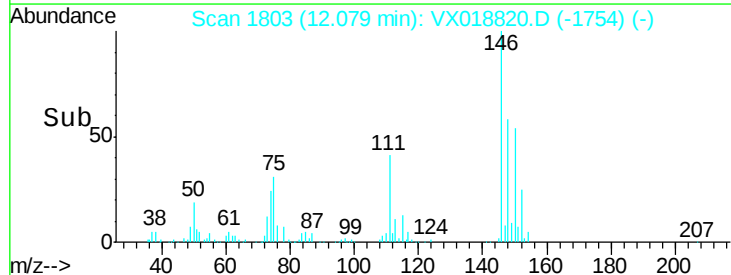
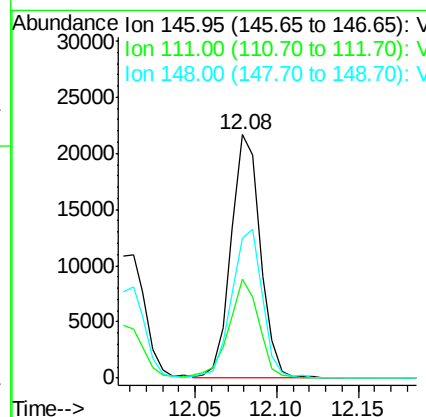
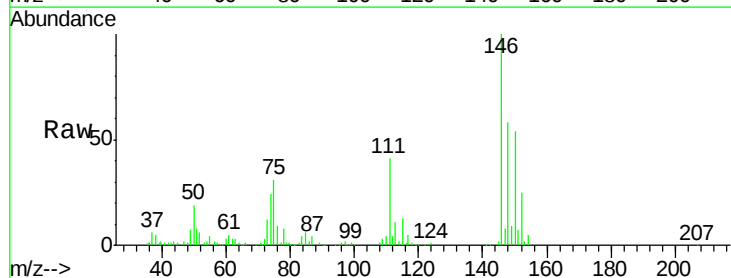
Instrument :
 MSVOA_X
 ClientSampleId :
 BG3T7DL

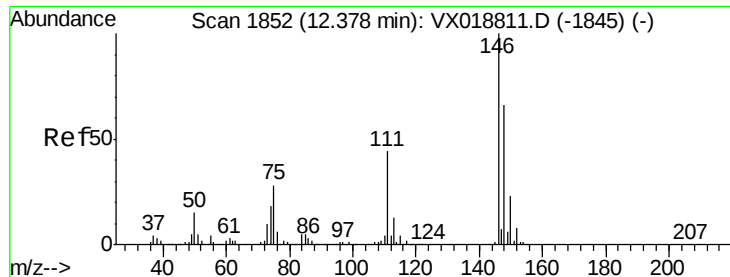
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	28.4	52.8
148	73.8	45.9	85.3



#64
 1,4-Dichlorobenzene
 Concen: 1.938 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018820.D
 Acq: 07 Oct 2020 18:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	28.6	53.2
148	57.5	44.2	82.0





#66

1,2-Dichlorobenzene

Concen: 0.101 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018820.D

Acq: 07 Oct 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

BG3T7DL

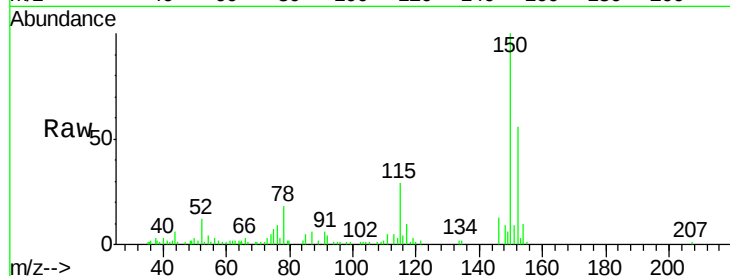
Tot Ion:146 Resp: 1326

Ion Ratio Lower Upper

146 100

111 37.9 31.7 47.5

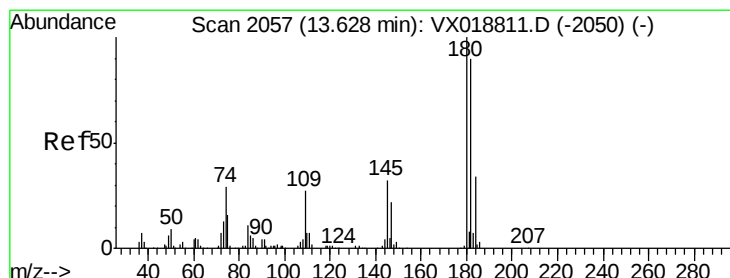
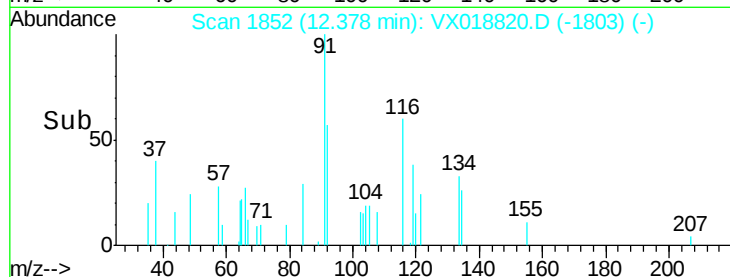
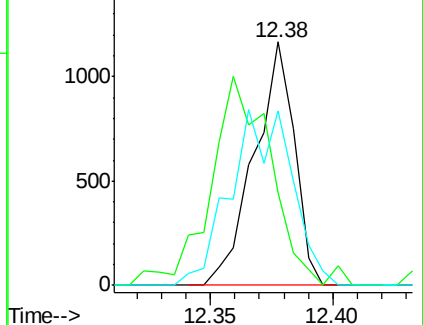
148 71.6 49.0 73.6



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: 0.418 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018820.D

Acq: 07 Oct 2020 18:57

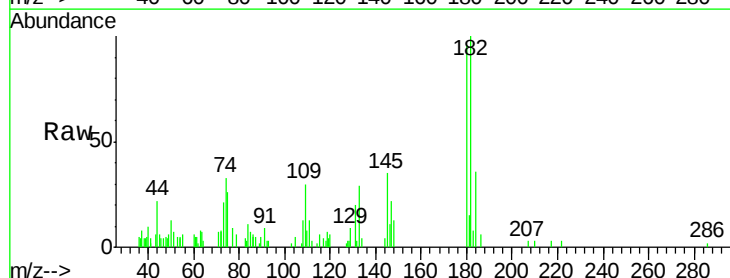
Tgt Ion:180 Resp: 3745

Ion Ratio Lower Upper

180 100

182 110.7 80.2 120.4

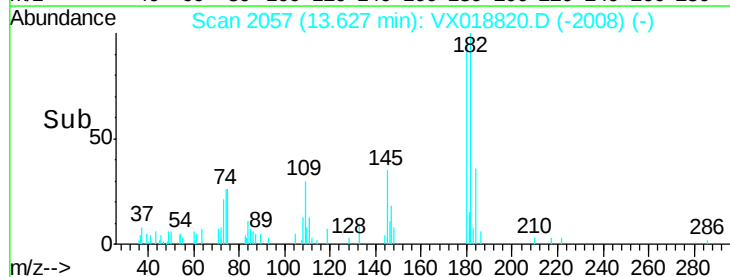
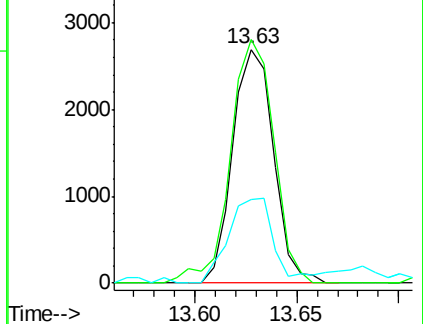
145 40.7 25.2 37.8#

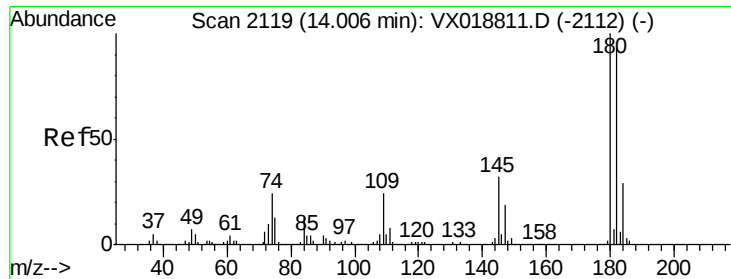


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#71
 1,2,3-Trichlorobenzene
 Concen: 0.092 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX018820.D
 Acq: 07 Oct 2020 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3T7DL

Tot Ion:180 Resp: 742
 Ion Ratio Lower Upper
 180 100
 182 83.7 73.6 110.4
 145 68.1 26.6 40.0#

