

Data File : VX018715.D
Acq On : 30 Sep 2020 22:26
Operator : JC/SP
Sample : L4208-05
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0G1

Quant Time: Oct 01 02:43:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	201846	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	206334	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	85072	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37813	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.70	69	36545	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.34	63	72917	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.56	46	146637	54.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.88%
24) Chloroform-d	5.14	84	116512	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	6.03	65	68906	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	6.05	84	188953	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	7.37	67	63398	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	8.70	98	165712	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%
45) trans-1,3-Dichloropropene-	8.99	79	24234	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
48) 2-Hexanone-d5	9.43	63	111063	48.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.10%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	50227	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	67341	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

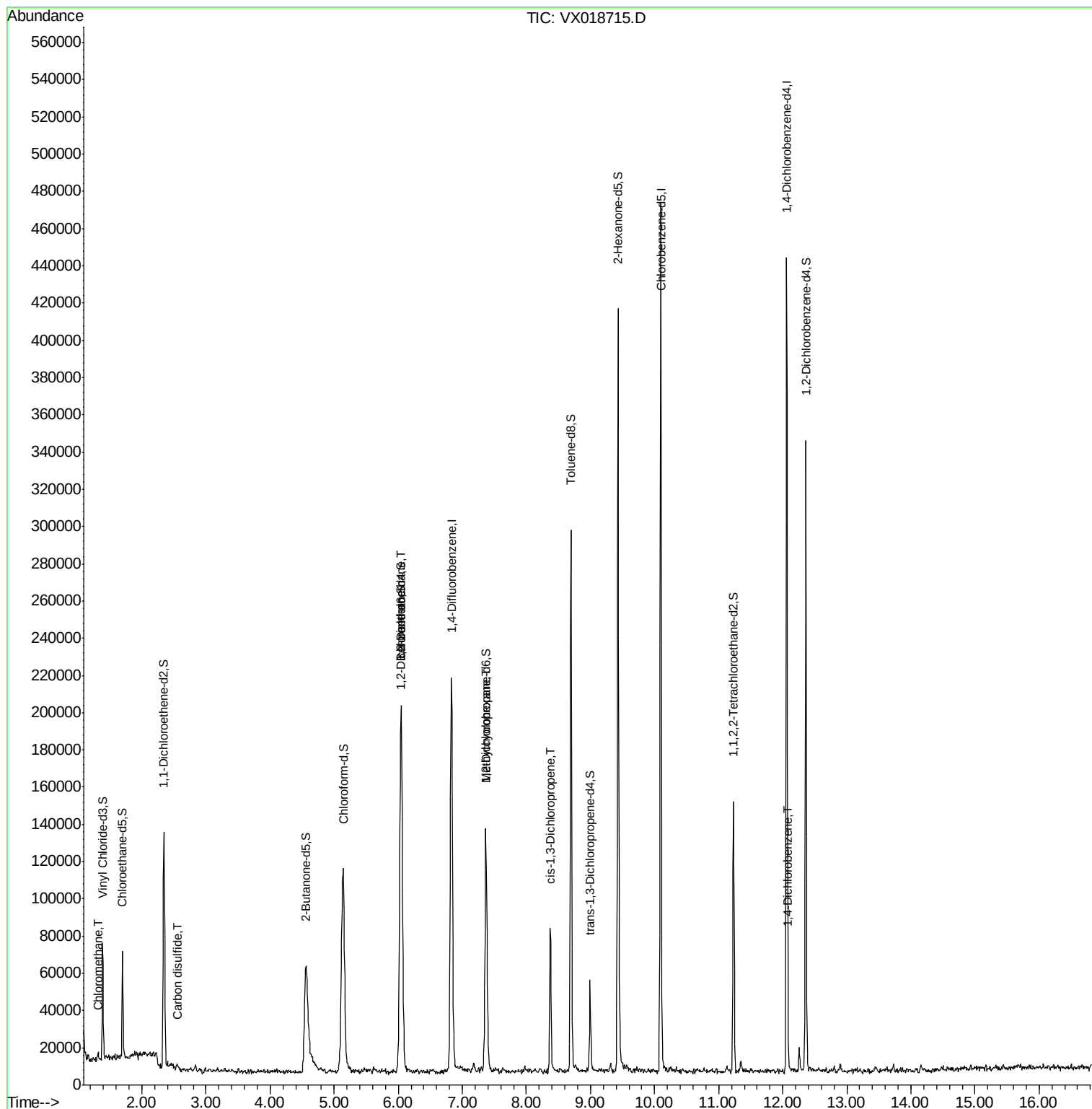
					Qvalue
3) Chloromethane	1.31	50	1283	0.123 ug/L #	44
14) Carbon disulfide	2.54	76	2382	0.080 ug/L #	68
27) 1,2-Dichloroethane	6.04	62	1981	0.162 ug/L	97
35) Methylcyclohexane	7.37	83	16444	1.027 ug/L #	16
39) cis-1,3-Dichloropropene	8.38	75	2524	0.168 ug/L	85
64) 1,4-Dichlorobenzene	12.09	146	1654	0.089 ug/L	88

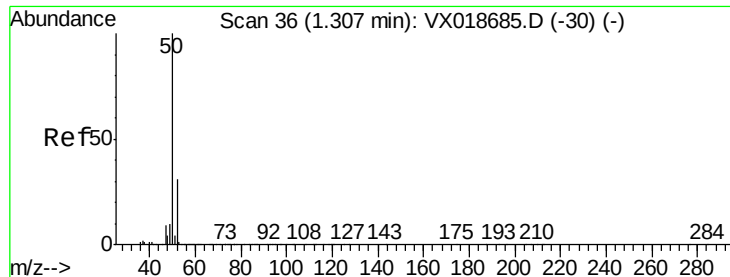
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.123 ug/L

RT: 1.31 min Scan# 36

Delta R.T. 0.00 min

Lab File: VX018715.D

Acq: 30 Sep 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

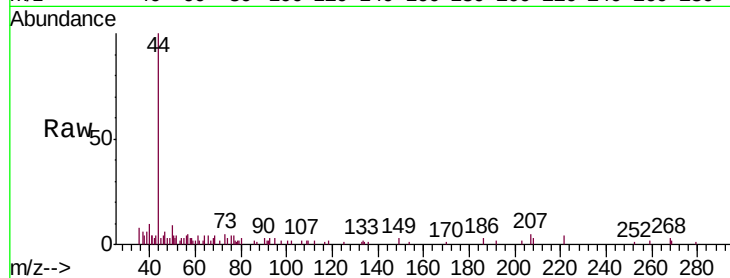
BG0G1

Tgt Ion: 50 Resp: 1283

Ion Ratio Lower Upper

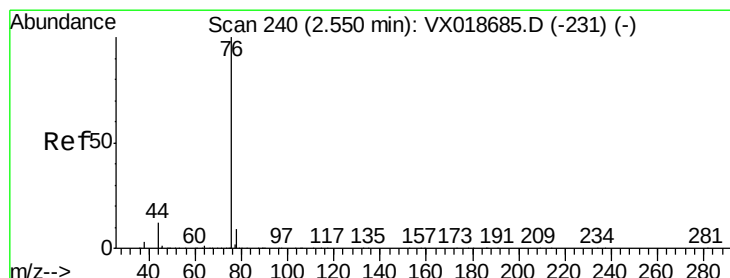
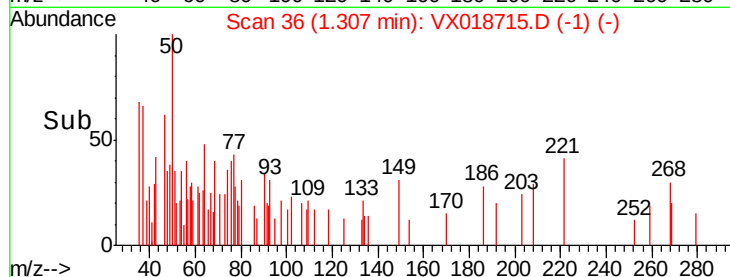
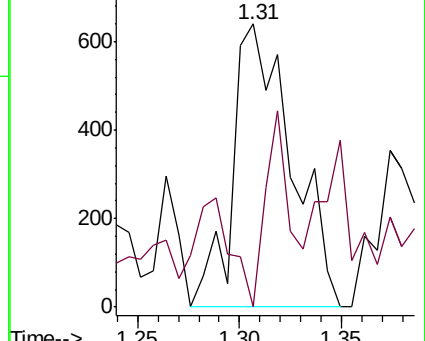
50 100

52 0.0 21.2 39.4#



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#14

Carbon disulfide

Concen: 0.080 ug/L

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

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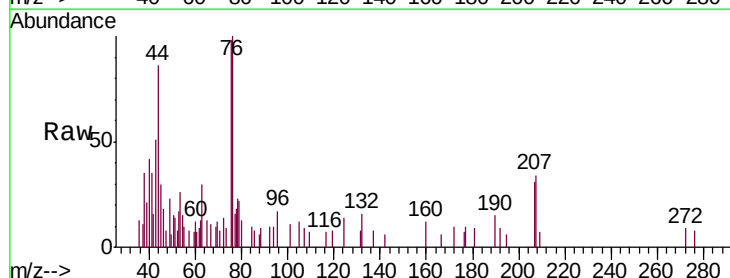
Acq: 30 Sep 2020 22:26

Tgt Ion: 76 Resp: 2382

Ion Ratio Lower Upper

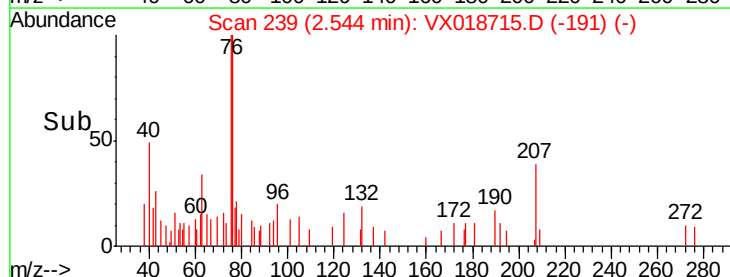
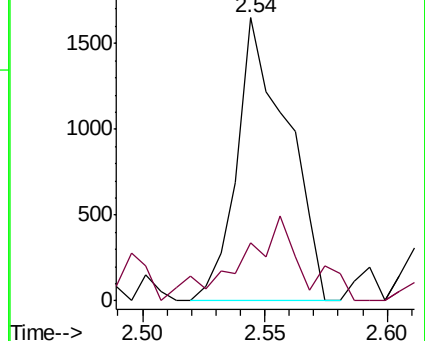
76 100

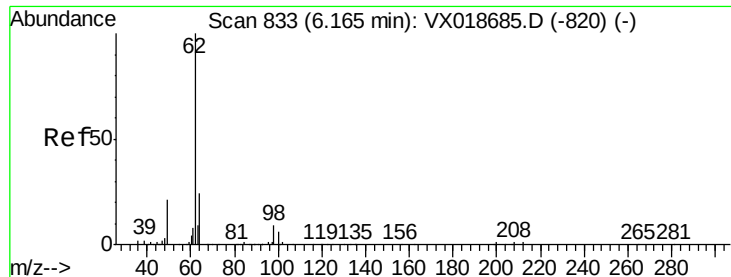
78 20.7 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

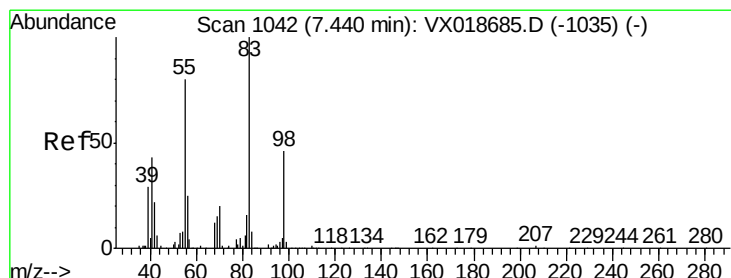
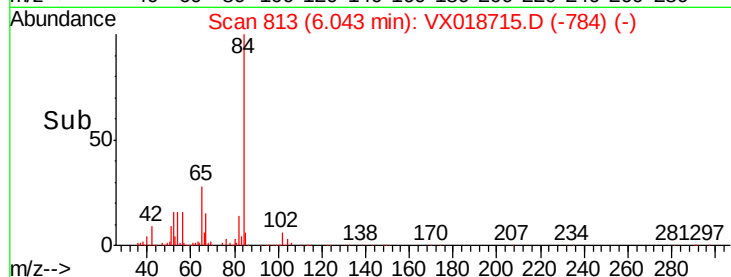
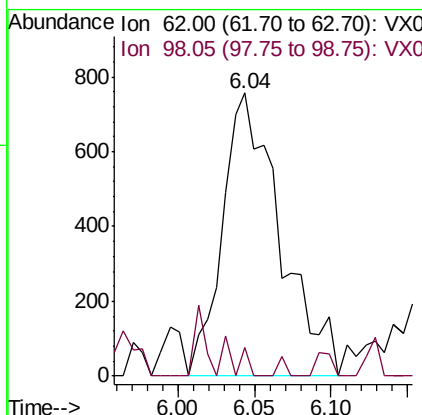
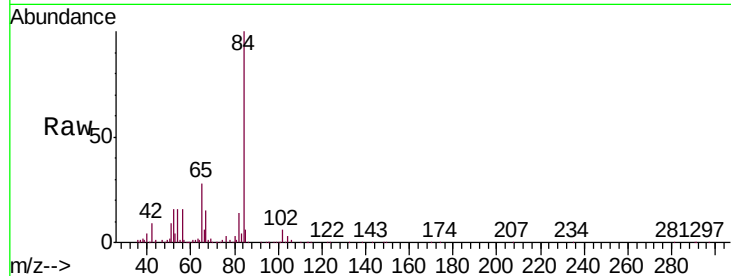




#27
 1,2-Dichloroethane
 Concen: 0.162 ug/L
 RT: 6.04 min Scan# 813
 Delta R.T. -0.12 min
 Lab File: VX018715.D
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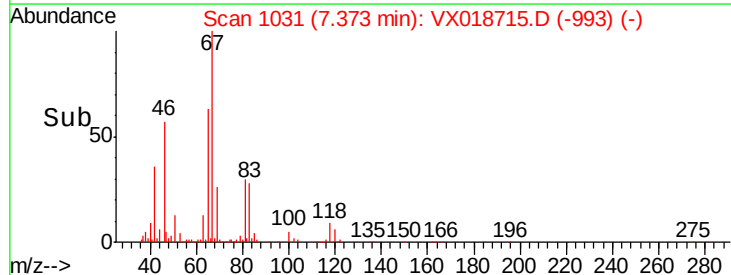
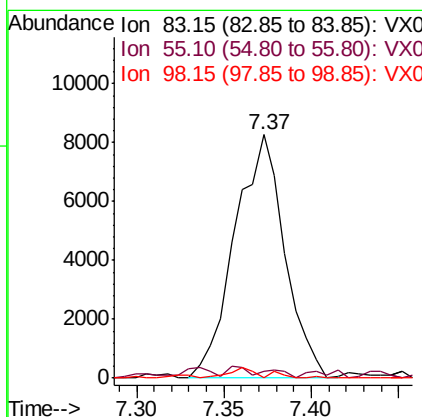
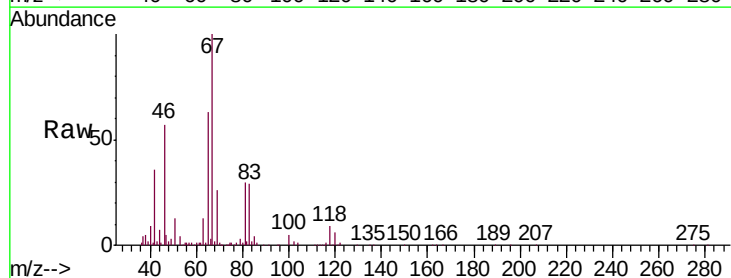
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 MSVOA_X
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 BG0G1

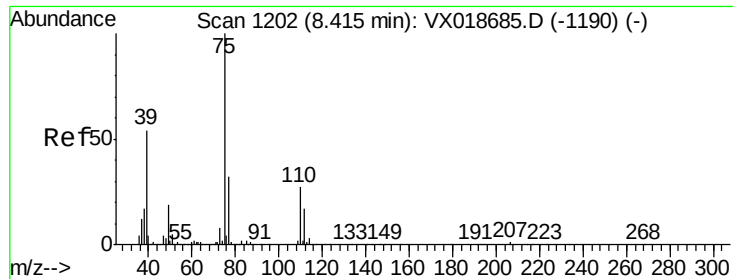
Tgt Ion: 62 Resp: 1981
 Ion Ratio Lower Upper
 62 100
 98 9.9 7.0 10.4



#35
 Methylcyclohexane
 Concen: 1.027 ug/L
 RT: 7.37 min Scan# 1031
 Delta R.T. -0.07 min
 Lab File: VX018715.D
 Acq: 30 Sep 2020 22:26

Tgt Ion: 83 Resp: 16444
 Ion Ratio Lower Upper
 83 100
 55 1.6 67.4 101.0#
 98 0.8 41.1 61.7#





#39

cis-1,3-Dichloropropene

Concen: 0.168 ug/L

RT: 8.38 min Scan# 1196

Delta R.T. -0.04 min

Lab File: VX018715.D

Acq: 30 Sep 2020 22:26

Instrument :

MSVOA_X

ClientSampleId :

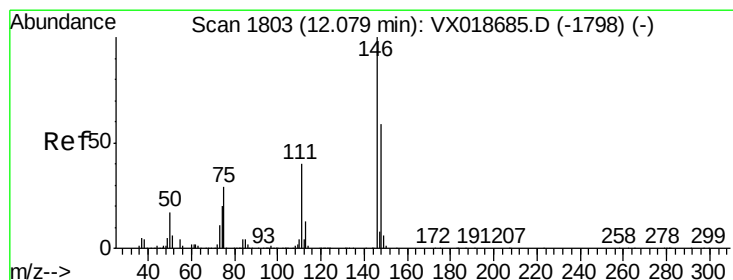
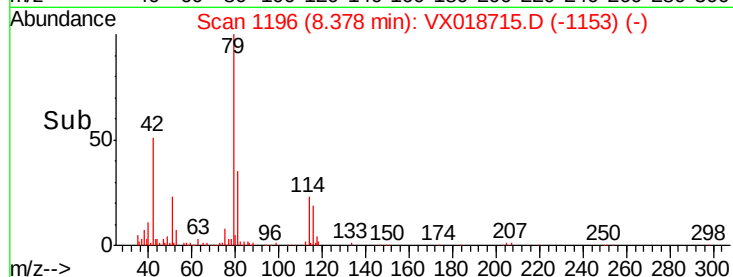
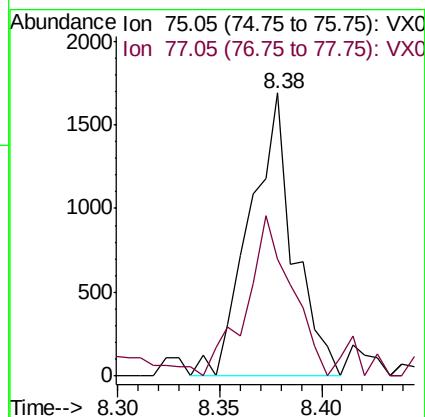
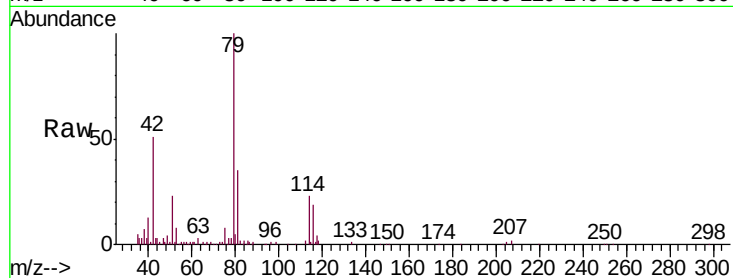
BG0G1

Tgt Ion: 75 Resp: 2524

Ion Ratio Lower Upper

75 100

77 41.3 23.0 42.8



#64

1,4-Dichlorobenzene

Concen: 0.089 ug/L

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX018715.D

Acq: 30 Sep 2020 22:26

Tgt Ion: 146 Resp: 1654

Ion Ratio Lower Upper

146 100

111 42.3 28.8 53.4

148 78.9 44.9 83.3

