

Data File : VX018710.D
Acq On : 30 Sep 2020 20:25
Operator : JC/SP
Sample : L4171-07
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Z3

Quant Time: Oct 01 02:42:11 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	187289	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	185729	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	81225	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	38826	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.70	69	34585	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.34	63	71977	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.56	46	147688	59.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.20%
24) Chloroform-d	5.14	84	117273	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	6.03	65	67388	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	6.05	84	194792	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	7.37	67	61304	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	8.70	98	165130	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
45) trans-1,3-Dichloropropene-	8.99	79	24988	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
48) 2-Hexanone-d5	9.43	63	105035	50.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.96%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	51393	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	67763	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

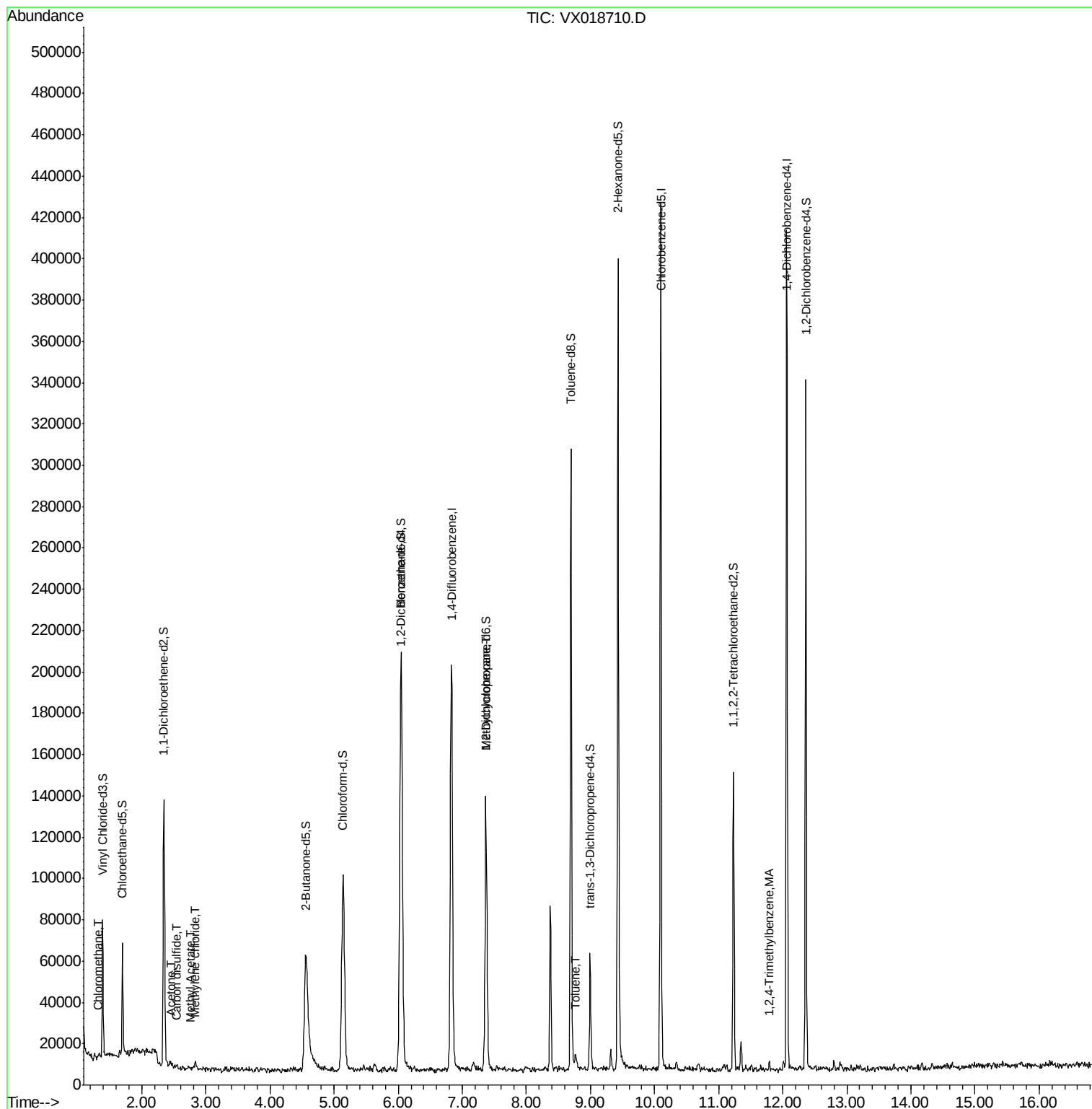
					Qvalue	
3) Chloromethane	1.31	50	846	0.087	ug/L #	1
13) Acetone	2.46	43	1258	0.909	ug/L	58
14) Carbon disulfide	2.55	76	1765	0.063	ug/L #	75
15) Methyl Acetate	2.75	43	273	0.071	ug/L	94
16) Methylene chloride	2.82	84	1580	0.126	ug/L #	75
35) Methylcyclohexane	7.37	83	16352	1.135	ug/L #	17
42) Toluene	8.77	91	4245	0.110	ug/L	79
44) 1,2,4-Trimethylbenzene	11.79	105	2032	0.060	ug/L	94

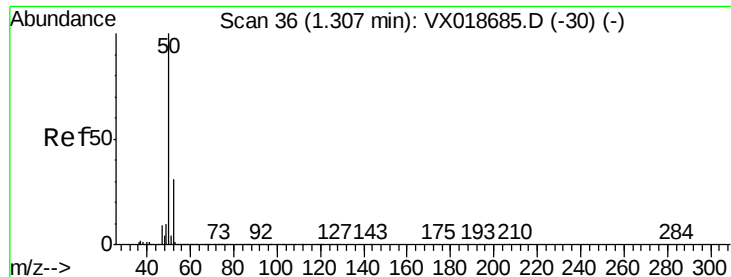
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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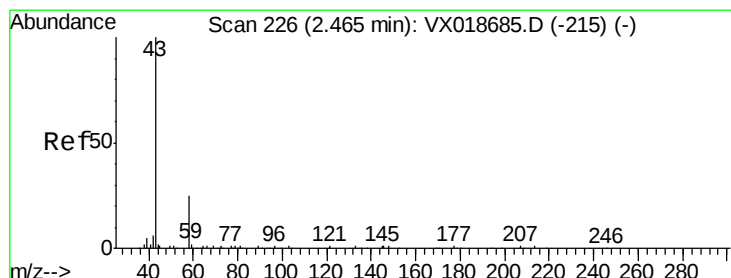
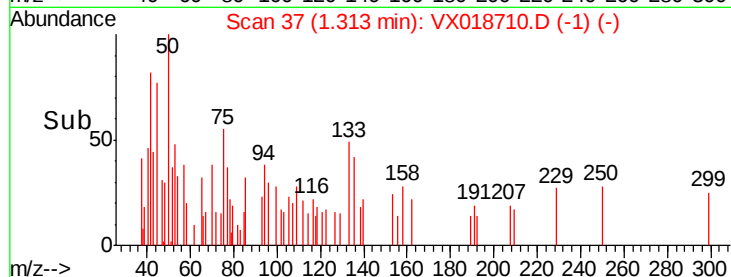
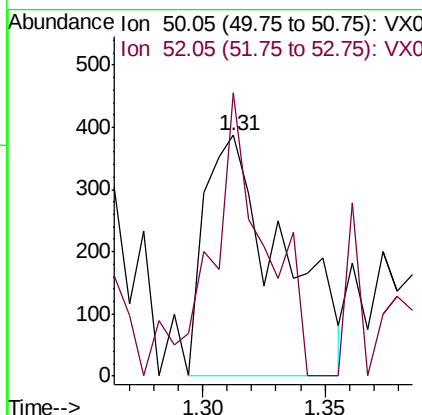
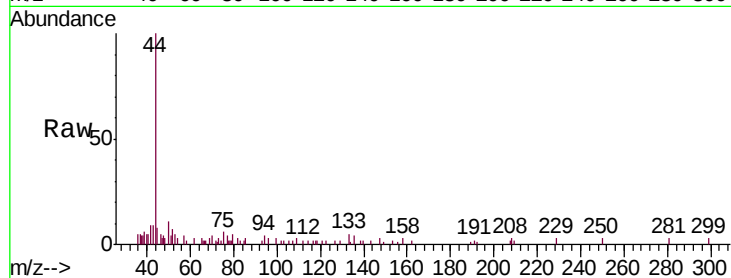




#3
Chloromethane
Concen: 0.087 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.01 min
Lab File: VX018710.D
Acq: 30 Sep 2020 20:25

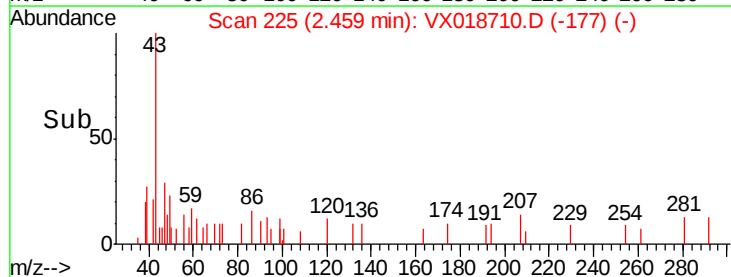
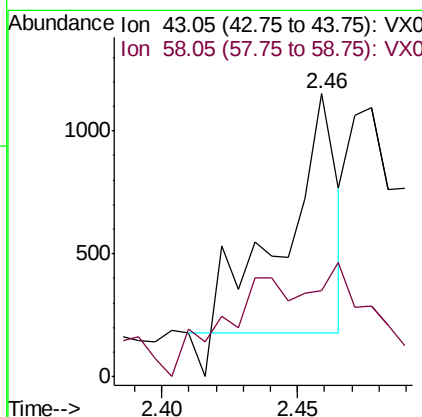
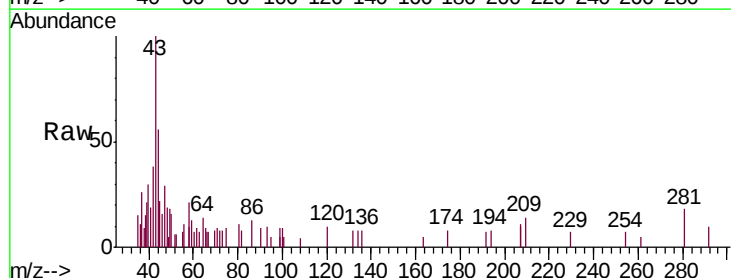
Instrument :
MSVOA_X
ClientSampled :
BG3Z3

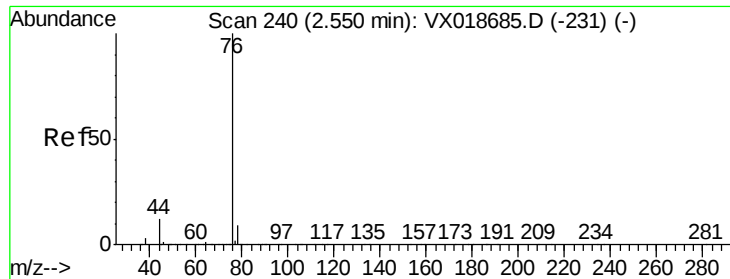
Tgt Ion: 50 Resp: 846
Ion Ratio Lower Upper
50 100
52 117.6 21.2 39.4#



#13
Acetone
Concen: 0.909 ug/L
RT: 2.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: VX018710.D
Acq: 30 Sep 2020 20:25

Tgt Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
58 54.0 0.0 61.6





#14

Carbon disulfide

Concen: 0.063 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018710.D

Acq: 30 Sep 2020 20:25

Instrument :

MSVOA_X

ClientSampled :

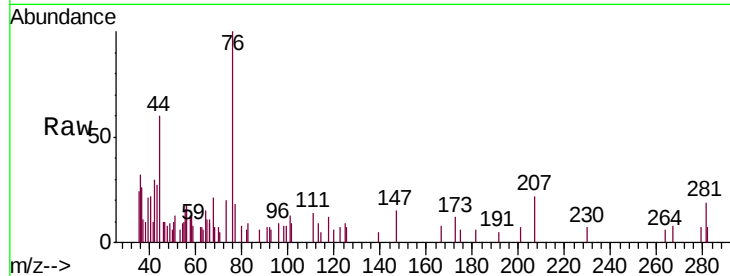
BG3Z3

Tgt Ion: 76 Resp: 1765

Ion Ratio Lower Upper

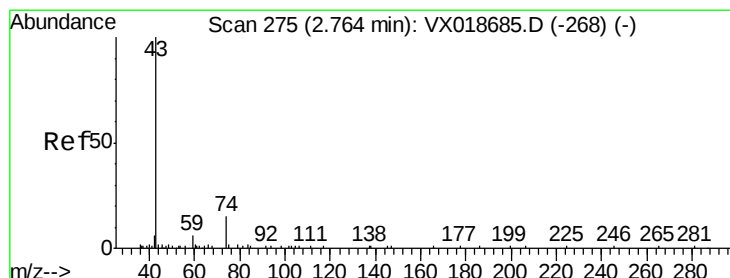
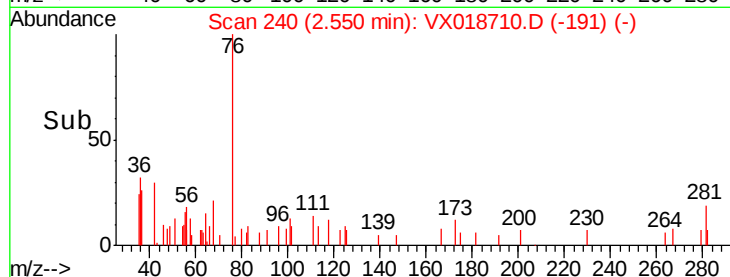
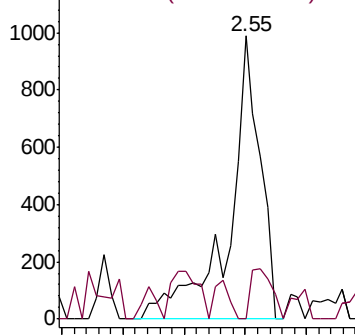
76 100

78 0.0 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0



#15

Methyl Acetate

Concen: 0.071 ug/L

RT: 2.75 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX018710.D

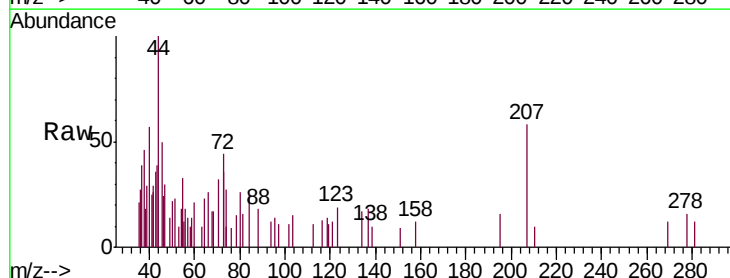
Acq: 30 Sep 2020 20:25

Tgt Ion: 43 Resp: 273

Ion Ratio Lower Upper

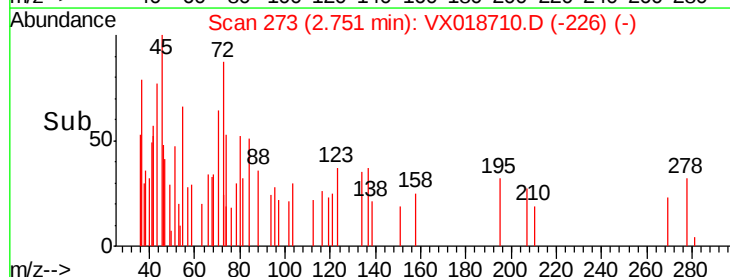
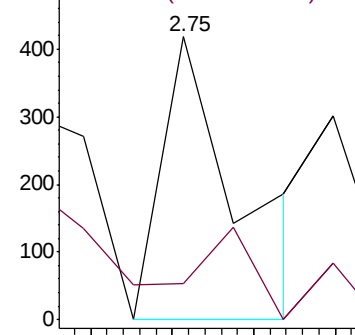
43 100

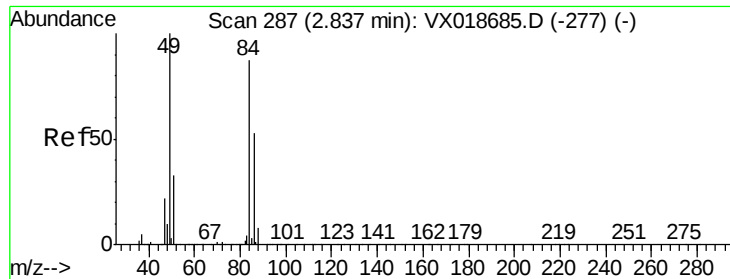
74 29.7 21.2 31.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0

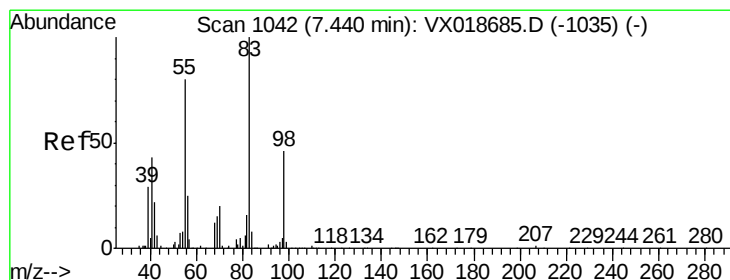
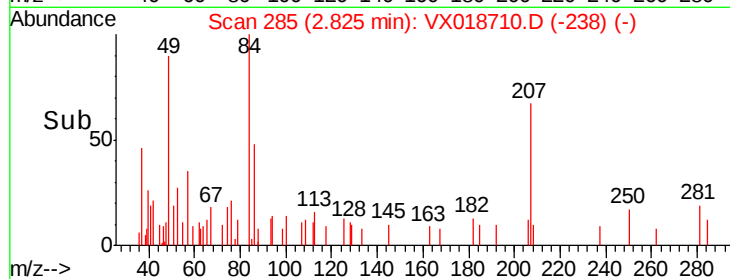
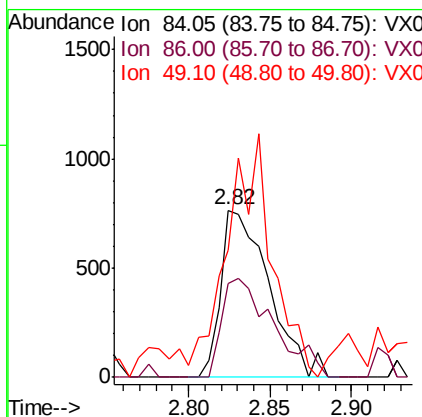
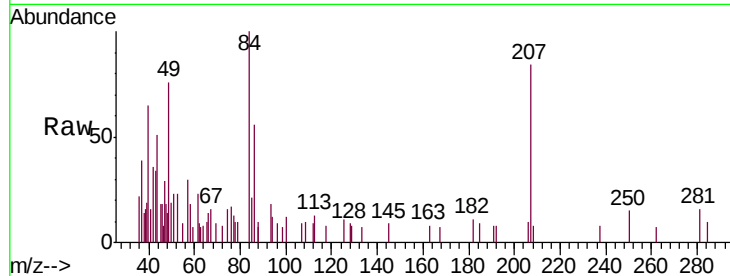




#16
Methylene chloride
Concen: 0.126 ug/L
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX018710.D
Acq: 30 Sep 2020 20:25

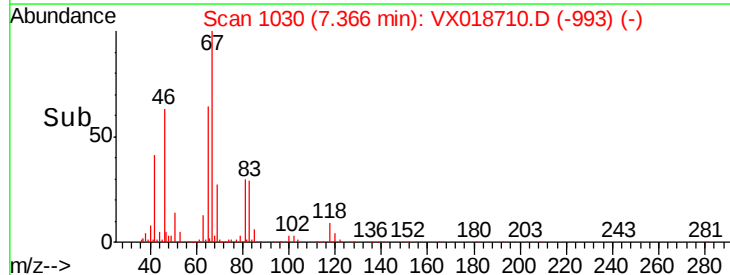
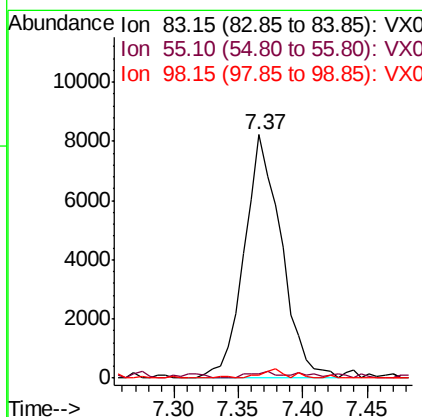
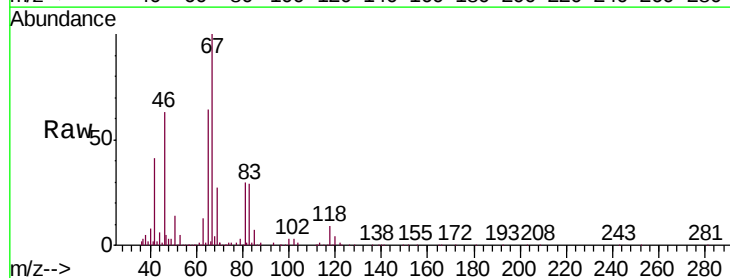
Instrument :
MSVOA_X
ClientSampled :
BG3Z3

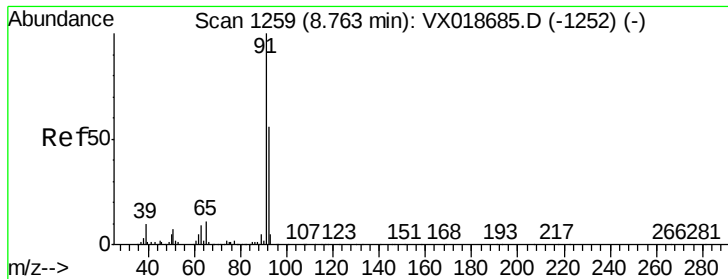
Tgt Ion: 84 Resp: 1580
Ion Ratio Lower Upper
84 100
86 55.9 41.9 77.7
49 76.5 80.8 150.2#



#35
Methylcyclohexane
Concen: 1.135 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018710.D
Acq: 30 Sep 2020 20:25

Tgt Ion: 83 Resp: 16352
Ion Ratio Lower Upper
83 100
55 1.9 67.4 101.0#
98 2.0 41.1 61.7#





#42

Toluene

Concen: 0.110 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018710.D

Acq: 30 Sep 2020 20:25

Instrument :

MSVOA_X

ClientSampleId :

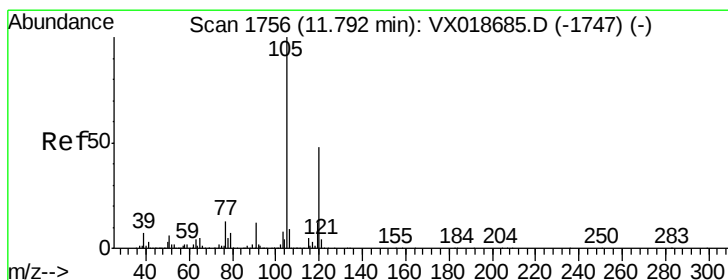
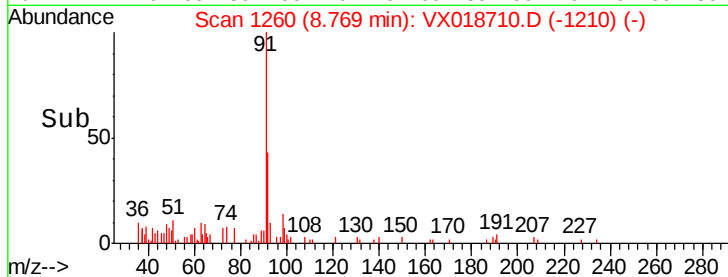
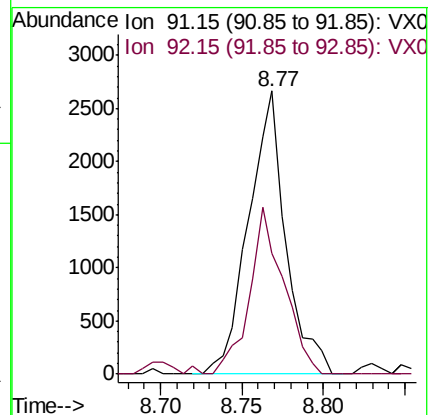
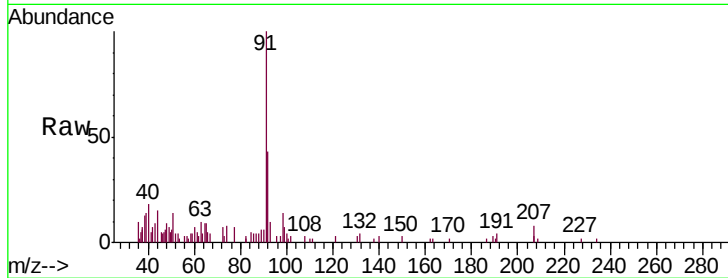
BG3Z3

Tgt Ion: 91 Resp: 4245

Ion Ratio Lower Upper

91 100

92 42.7 41.1 76.3



#44

1,2,4-Trimethylbenzene

Concen: 0.060 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018710.D

Acq: 30 Sep 2020 20:25

Tgt Ion: 105 Resp: 2032

Ion Ratio Lower Upper

105 100

120 42.1 36.8 55.2

