

Data File : VX018713.D
Acq On : 30 Sep 2020 21:38
Operator : JC/SP
Sample : L4208-03
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0D6

Quant Time: Oct 01 02:42:55 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	179078	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	177015	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	81262	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37615	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.70	69	34748	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.34	63	76245	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.56	46	149871	62.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.44%
24) Chloroform-d	5.14	84	116647	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	6.03	65	68706	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	6.05	84	197467	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	7.37	67	61185	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	8.70	98	168386	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
45) trans-1,3-Dichloropropene-	8.99	79	27265	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
48) 2-Hexanone-d5	9.43	63	113683	57.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.66%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	50565	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	69011	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

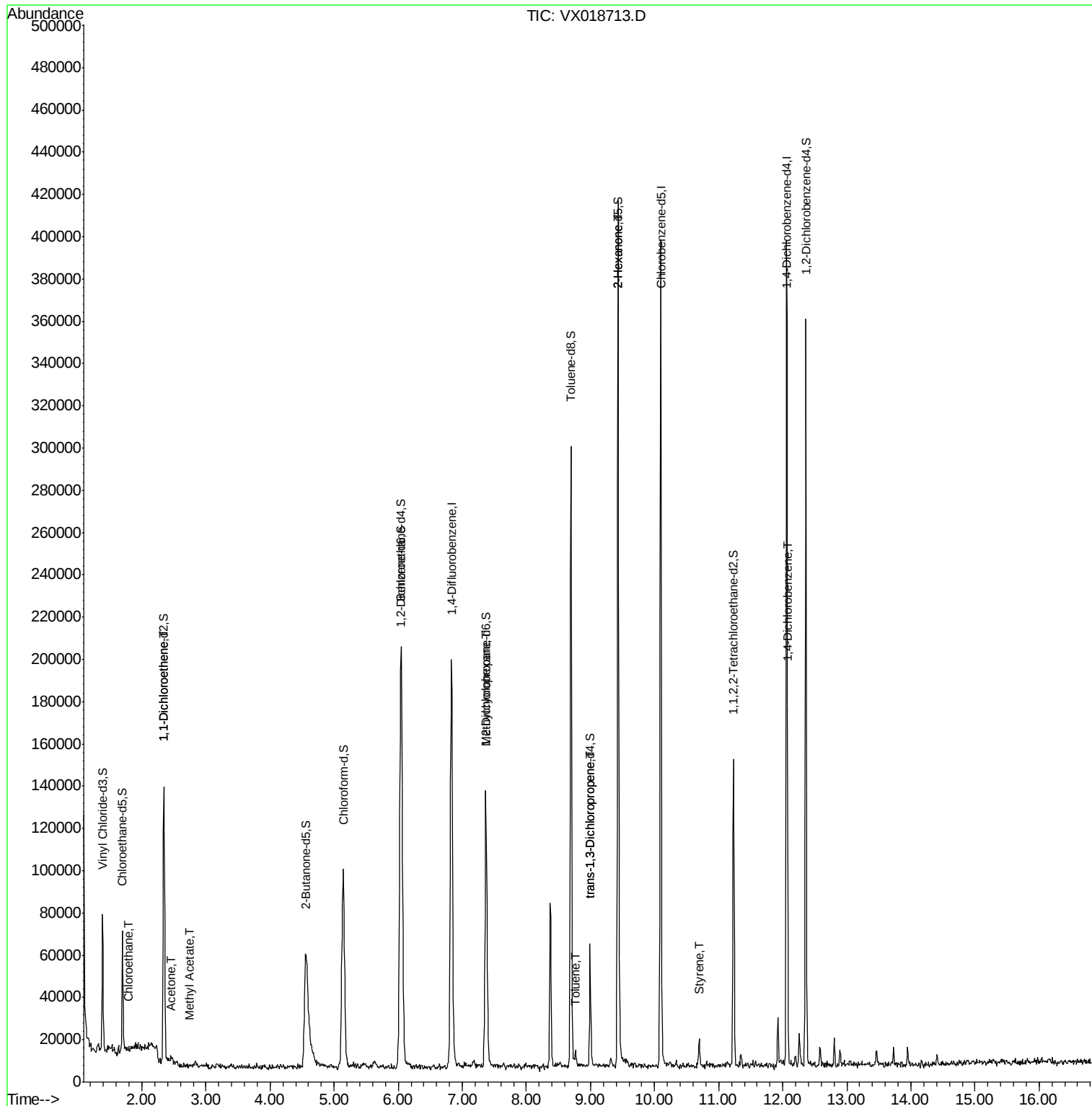
					Qvalue
8) Chloroethane	1.79	64	649	0.122 ug/L	99
12) 1,1-Dichloroethene	2.35	96	988	0.113 ug/L #	1
13) Acetone	2.45	43	3405	2.574 ug/L	86
15) Methyl Acetate	2.75	43	603	0.165 ug/L #	78
35) Methylcyclohexane	7.37	83	16959	1.235 ug/L #	17
42) Toluene	8.77	91	3200	0.087 ug/L	88
46) trans-1,3-Dichloropropene	8.99	75	2148	0.182 ug/L	93
50) 2-Hexanone	9.43	43	16293	4.560 ug/L #	72
57) Styrene	10.70	104	4611	0.193 ug/L	82
64) 1,4-Dichlorobenzene	12.08	146	1465	0.082 ug/L	84

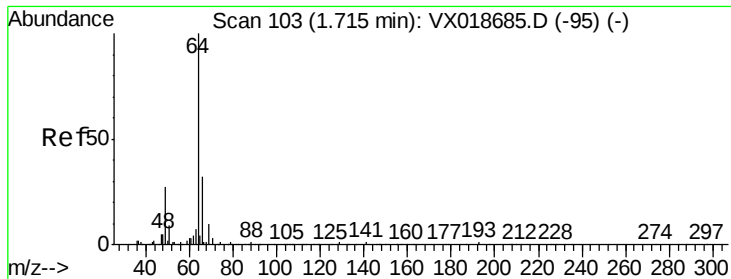
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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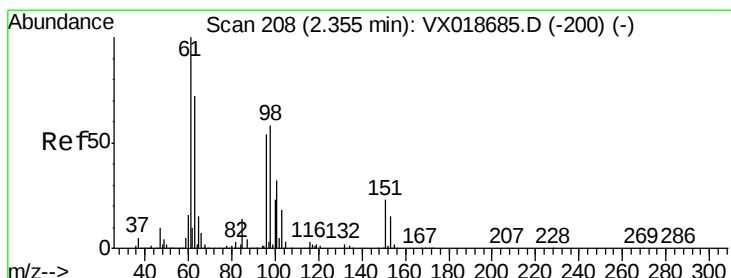
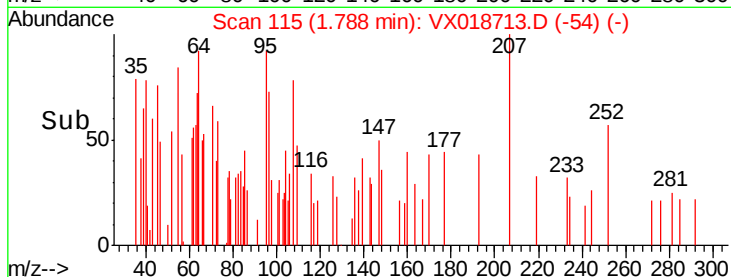
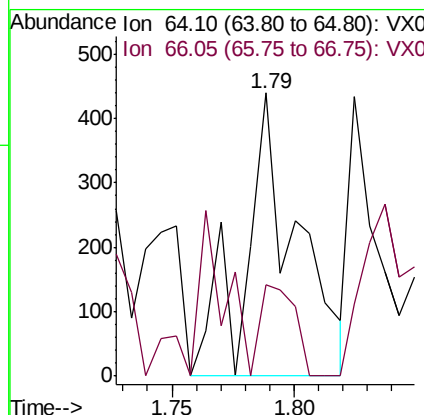
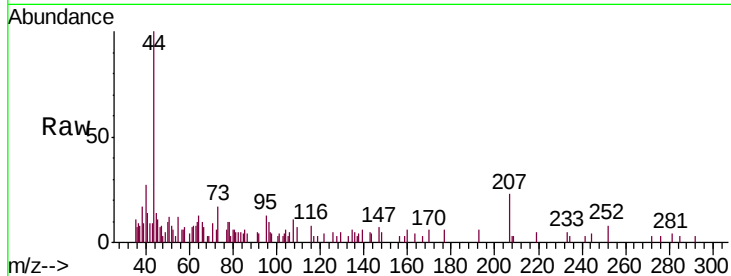




#8
Chloroethane
Concen: 0.122 ug/L
RT: 1.79 min Scan# 115
Delta R.T. 0.07 min
Lab File: VX018713.D
Acq: 30 Sep 2020 21:38

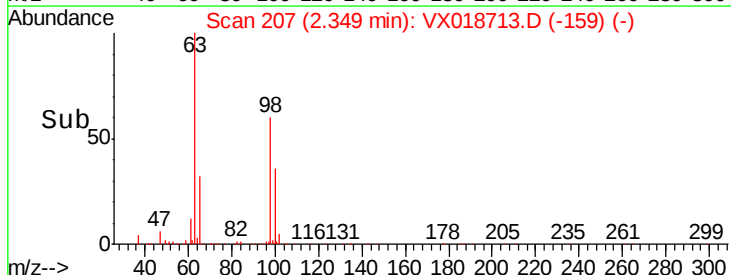
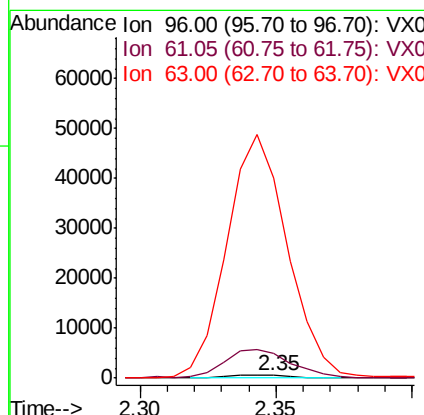
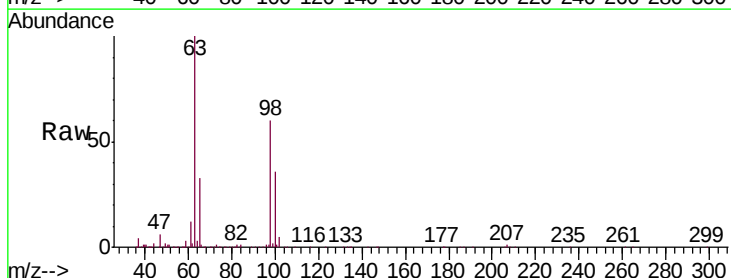
Instrument :
MSVOA_X
ClientSampled :
BG0D6

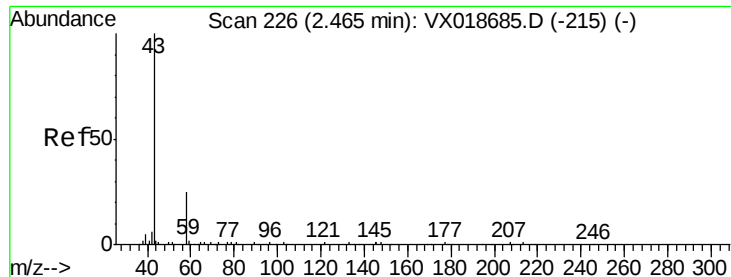
Tgt Ion: 64 Resp: 649
Ion Ratio Lower Upper
64 100
66 32.3 22.3 41.3



#12
1,1-Dichloroethene
Concen: 0.113 ug/L
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018713.D
Acq: 30 Sep 2020 21:38

Tgt Ion: 96 Resp: 988
Ion Ratio Lower Upper
96 100
61 829.8 123.8 229.8#
63 6876.2 104.7 194.4#





#13

Acetone

Concen: 2.574 ug/L

RT: 2.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: VX018713.D

Acq: 30 Sep 2020 21:38

Instrument :

MSVOA_X

ClientSampleId :

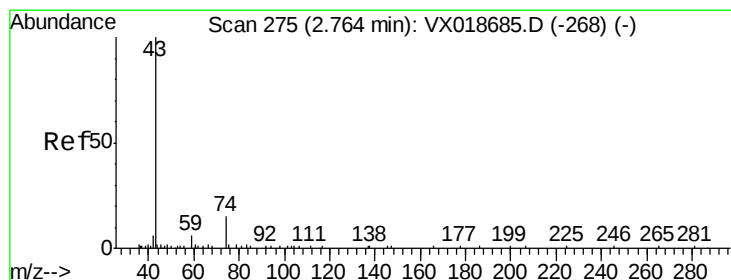
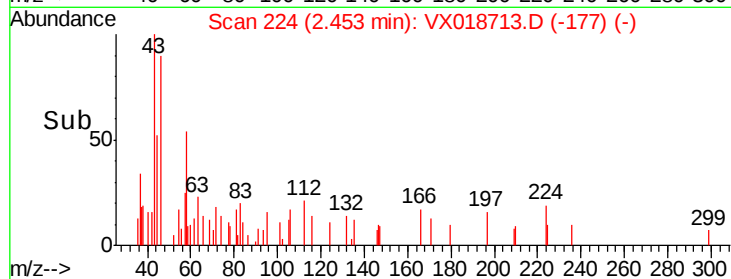
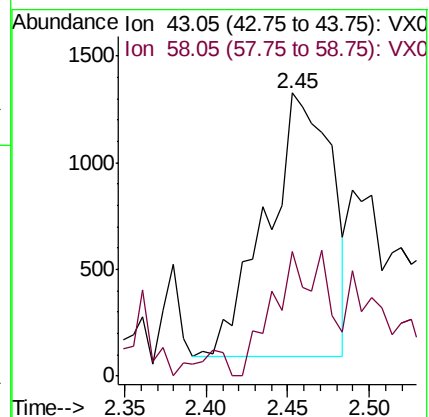
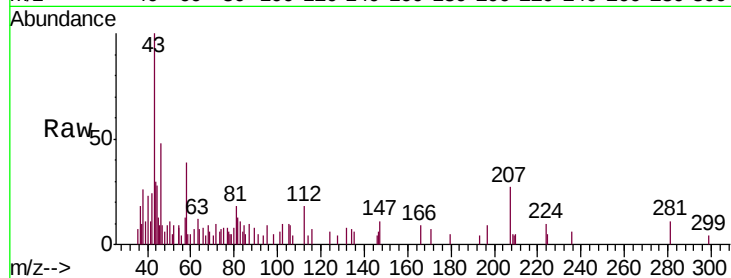
BG0D6

Tgt Ion: 43 Resp: 3405

Ion Ratio Lower Upper

43 100

58 38.6 0.0 61.6



#15

Methyl Acetate

Concen: 0.165 ug/L

RT: 2.75 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX018713.D

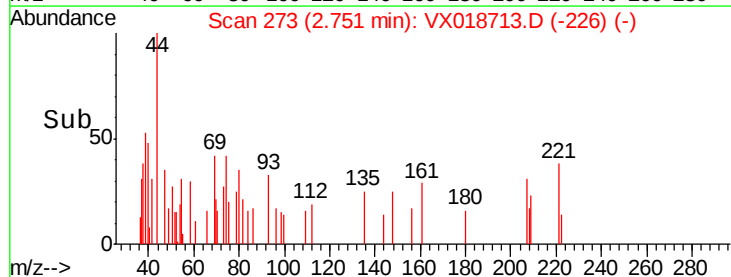
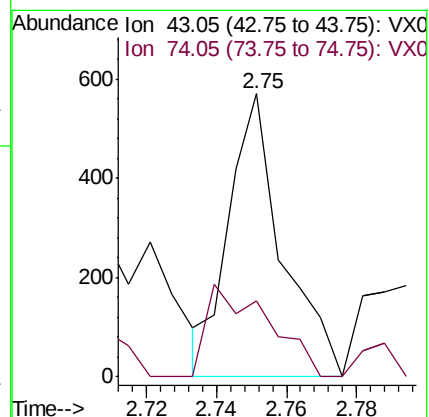
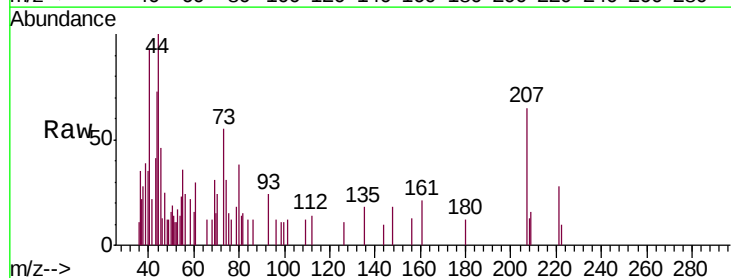
Acq: 30 Sep 2020 21:38

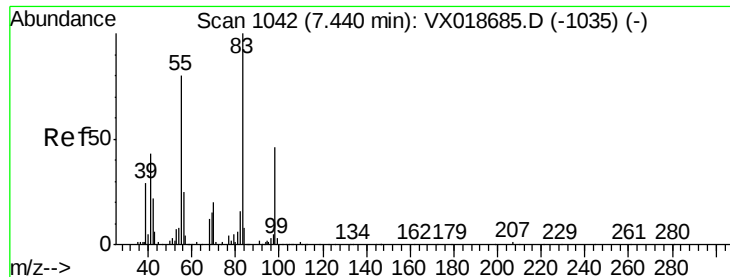
Tgt Ion: 43 Resp: 603

Ion Ratio Lower Upper

43 100

74 38.0 21.2 31.8#

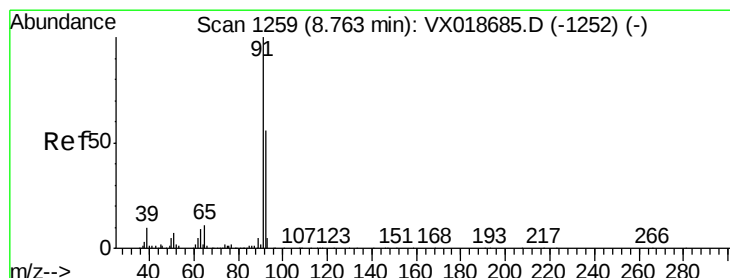
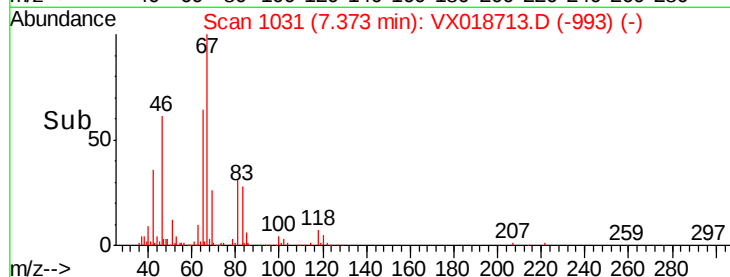
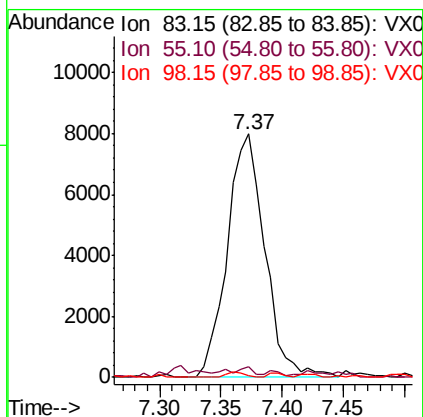
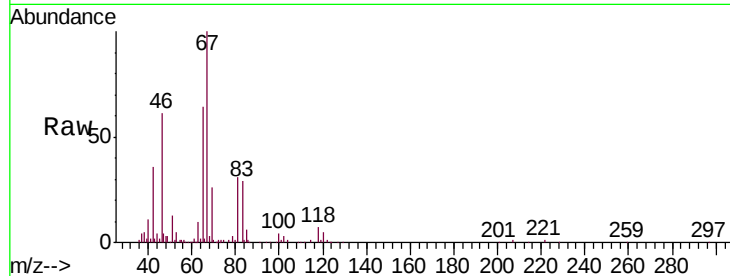




#35
Methylcyclohexane
Concen: 1.235 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018713.D
Acq: 30 Sep 2020 21:38

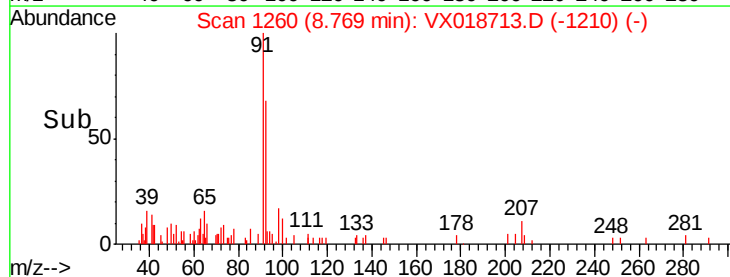
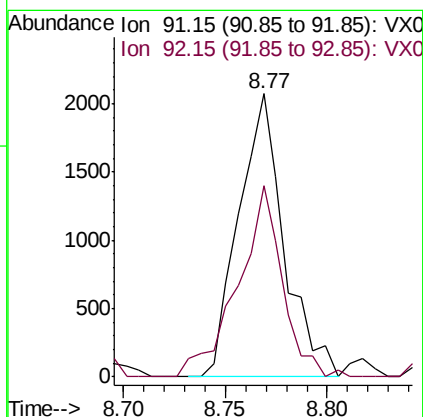
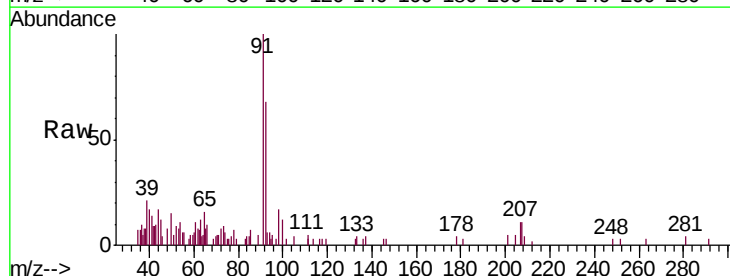
Instrument :
MSVOA_X
ClientSampled :
BG0D6

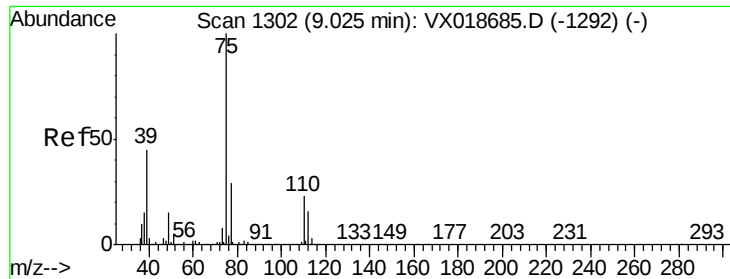
Tgt Ion: 83 Resp: 16959
Ion Ratio Lower Upper
83 100
55 2.7 67.4 101.0#
98 1.0 41.1 61.7#



#42
Toluene
Concen: 0.087 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX018713.D
Acq: 30 Sep 2020 21:38

Tgt Ion: 91 Resp: 3200
Ion Ratio Lower Upper
91 100
92 67.7 41.1 76.3





#46

trans-1,3-Dichloropropene

Concen: 0.182 ug/L

RT: 8.99 min Scan# 1297

Delta R.T. -0.03 min

Lab File: VX018713.D

Acq: 30 Sep 2020 21:38

Instrument :

MSVOA_X

ClientSampleId :

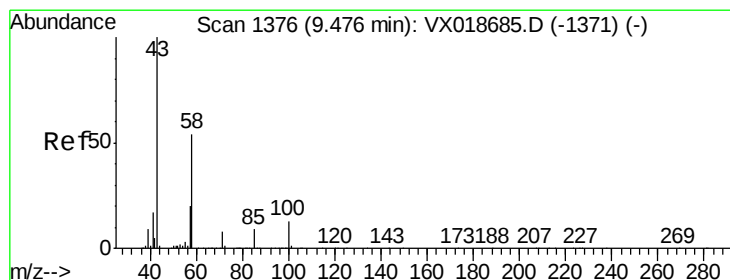
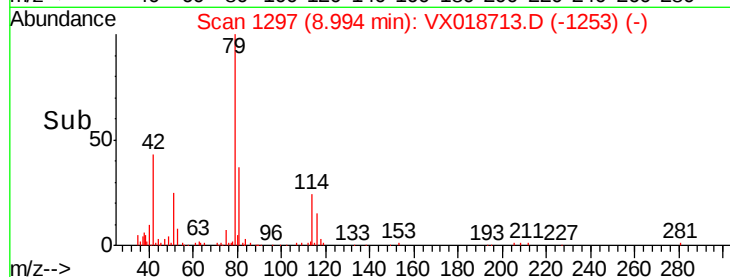
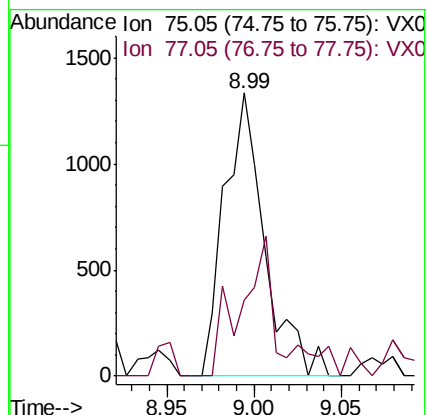
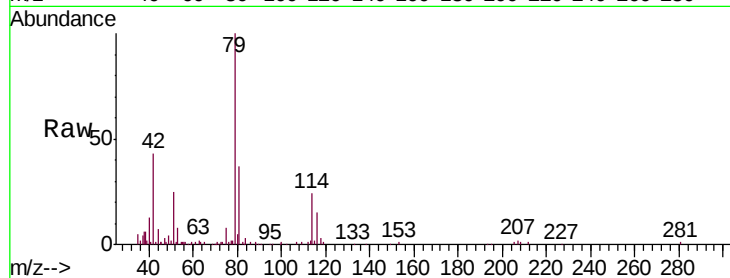
BG0D6

Tgt Ion: 75 Resp: 2148

Ion Ratio Lower Upper

75 100

77 26.8 21.2 39.4



#50

2-Hexanone

Concen: 4.560 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VX018713.D

Acq: 30 Sep 2020 21:38

Tgt Ion: 43 Resp: 16293

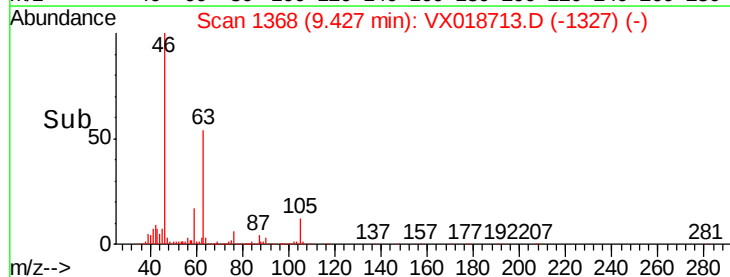
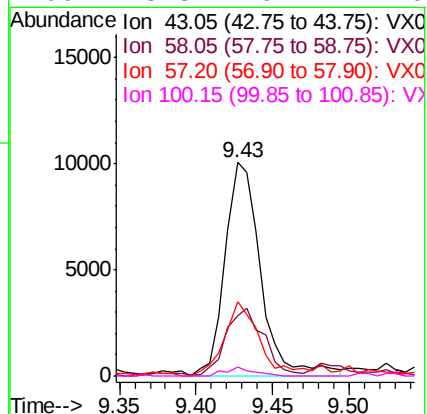
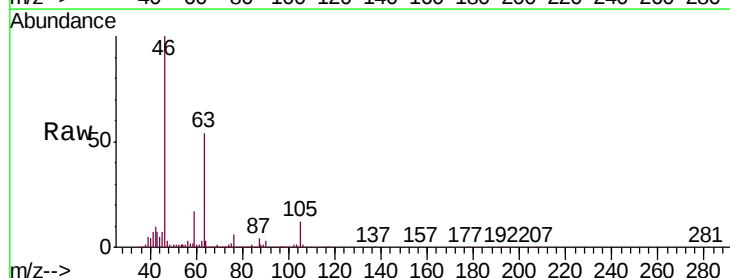
Ion Ratio Lower Upper

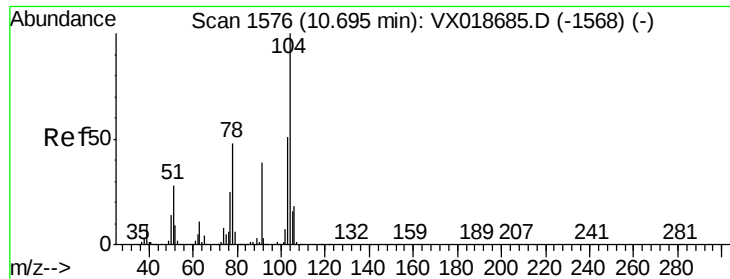
43 100

58 33.8 42.5 63.7#

57 34.8 15.9 23.9#

100 3.3 9.4 14.0#





#57

Styrene

Concen: 0.193 ug/L

RT: 10.70 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VX018713.D

Acq: 30 Sep 2020 21:38

Instrument :

MSVOA_X

ClientSampleId :

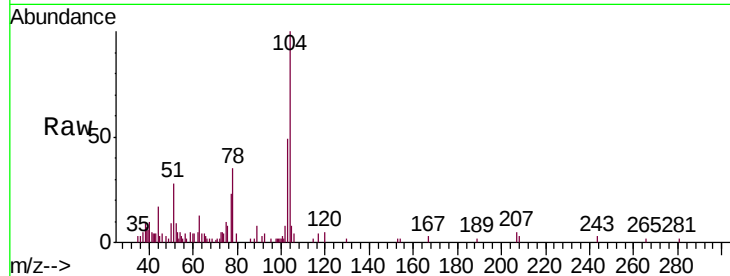
BG0D6

Tgt Ion:104 Resp: 4611

Ion Ratio Lower Upper

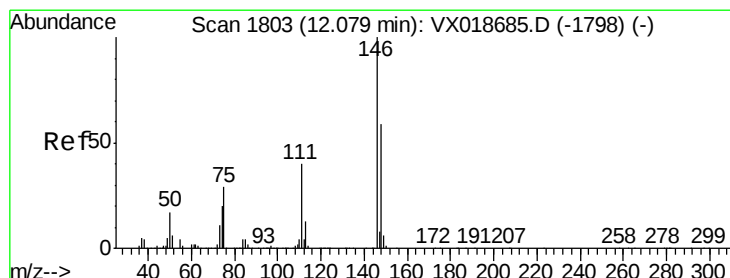
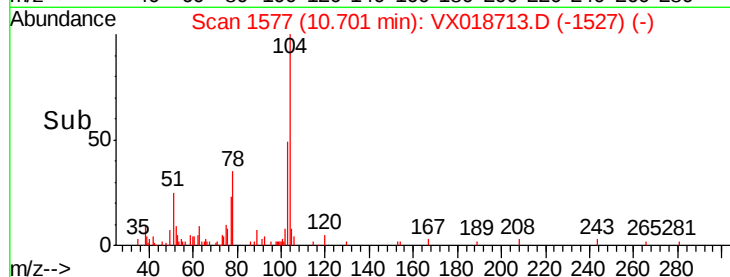
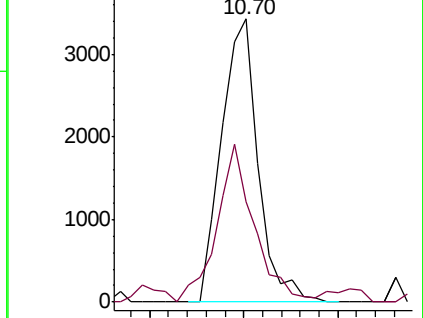
104 100

78 35.4 33.3 61.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0



#64

1,4-Dichlorobenzene

Concen: 0.082 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018713.D

Acq: 30 Sep 2020 21:38

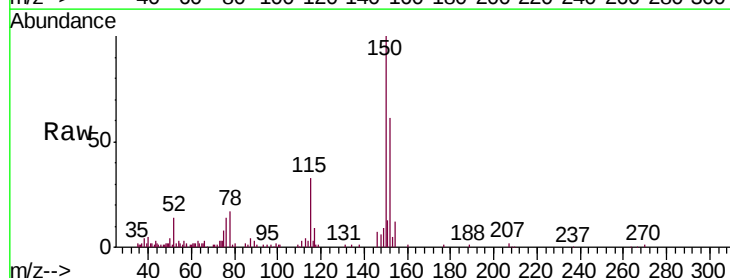
Tgt Ion:146 Resp: 1465

Ion Ratio Lower Upper

146 100

111 36.4 28.8 53.4

148 80.7 44.9 83.3



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

