

Data File : VX018706.D
Acq On : 30 Sep 2020 18:48
Operator : JC/SP
Sample : L4202-08
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFZR0

Quant Time: Oct 01 02:41:08 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	199732	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	199543	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	88731	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	39341	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.70	69	36211	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.34	63	73572	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.54	46	145701	54.67	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.34%
24) Chloroform-d	5.14	84	119427	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	6.03	65	67666	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	6.05	84	201034	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	7.37	67	63216	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	8.70	98	169002	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
45) trans-1,3-Dichloropropene-	8.99	79	24715	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
48) 2-Hexanone-d5	9.43	63	108579	48.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.14%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	50773	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	75648	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

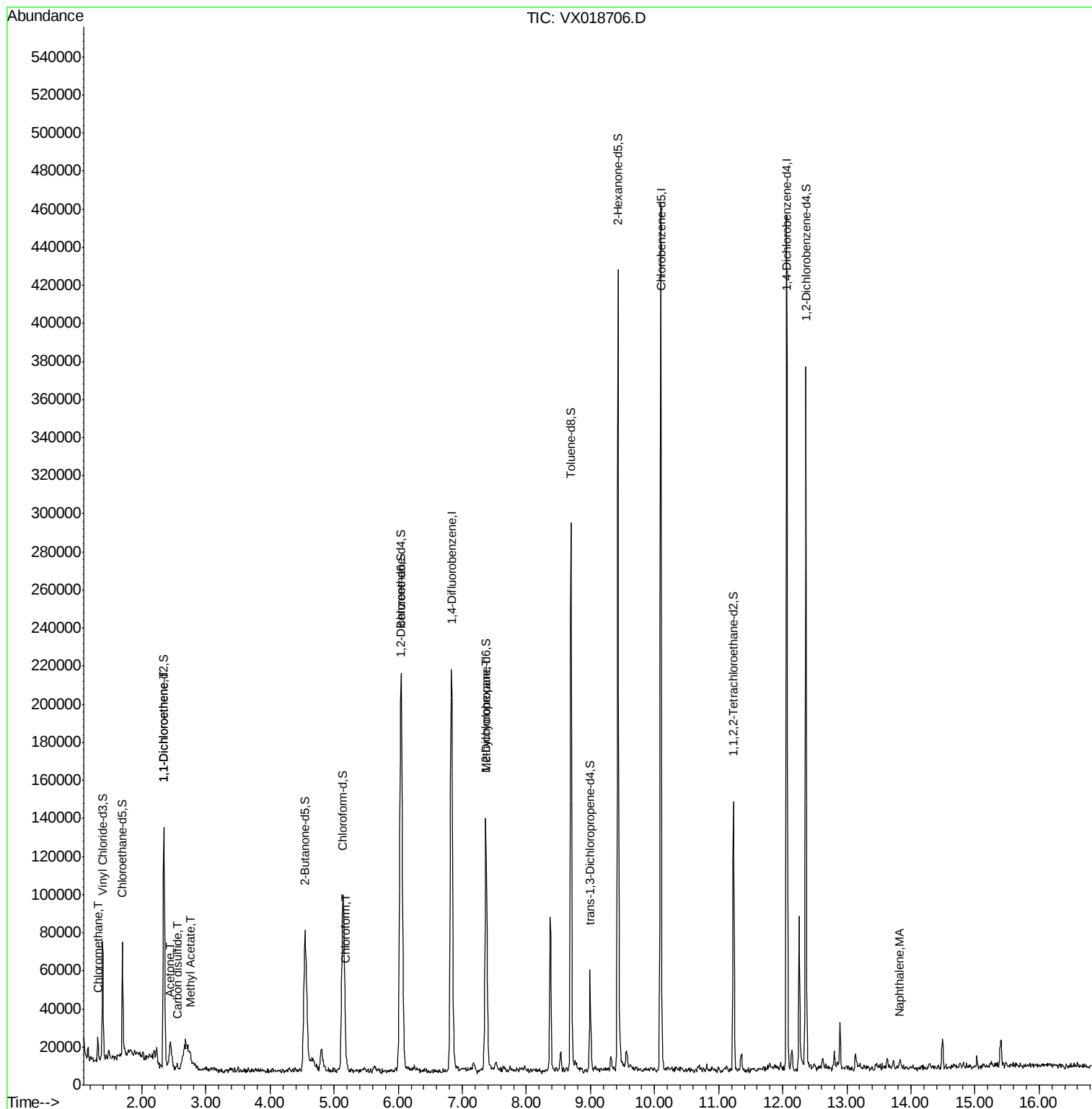
					Qvalue
3) Chloromethane	1.31	50	6780	0.657 ug/L #	81
12) 1,1-Dichloroethene	2.35	96	1320	0.135 ug/L #	1
13) Acetone	2.45	43	24532	16.630 ug/L	98
14) Carbon disulfide	2.55	76	3670	0.124 ug/L #	80
15) Methyl Acetate	2.76	43	2465	0.604 ug/L #	87
25) Chloroform	5.18	83	2768	0.145 ug/L	89
35) Methylcyclohexane	7.37	83	16809	1.086 ug/L #	16
70) Naphthalene	13.82	128	2239	0.112 ug/L	97

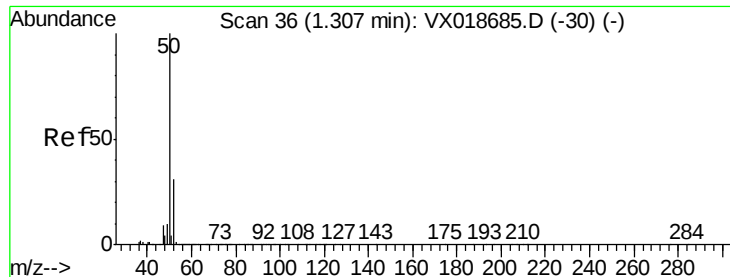
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.657 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.01 min

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Acq: 30 Sep 2020 18:48

Instrument :

MSVOA_X

ClientSampleId :

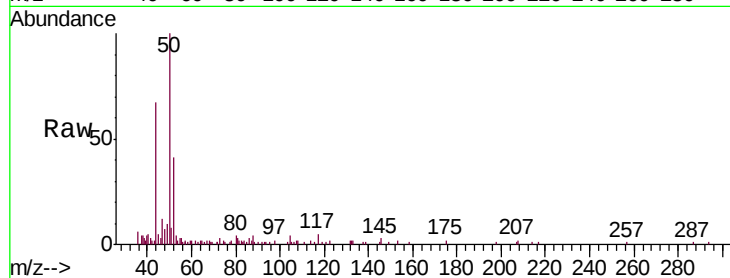
BFZR0

Tgt Ion: 50 Resp: 6780

Ion Ratio Lower Upper

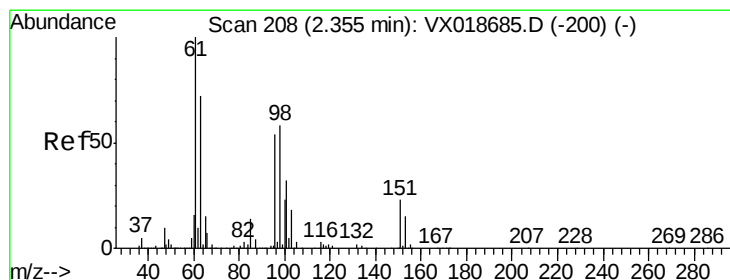
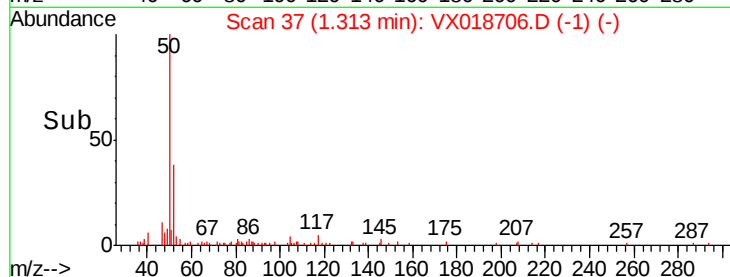
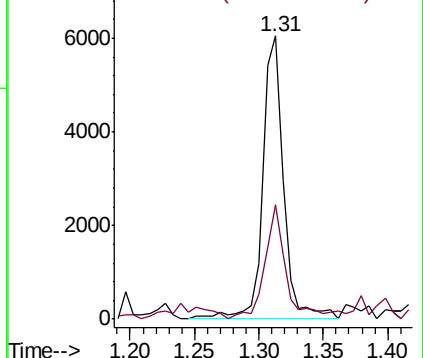
50 100

52 40.5 21.2 39.4#



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#12

1,1-Dichloroethene

Concen: 0.135 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX018706.D

Acq: 30 Sep 2020 18:48

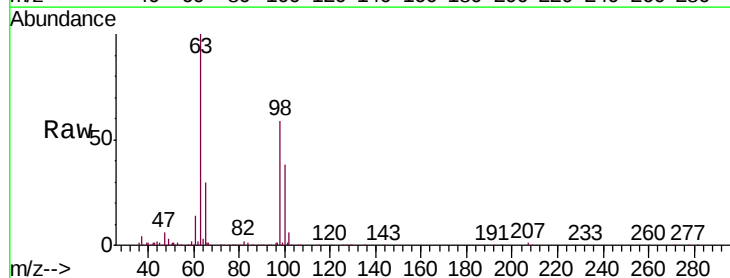
Tgt Ion: 96 Resp: 1320

Ion Ratio Lower Upper

96 100

61 1076.7 123.8 229.8#

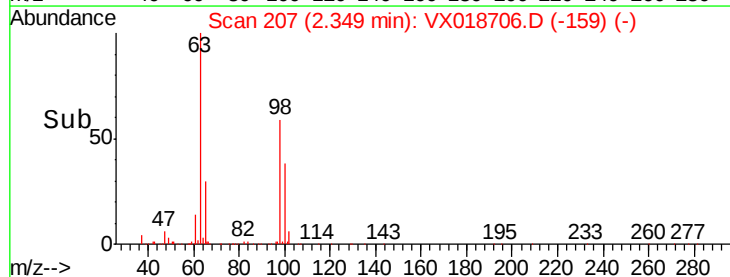
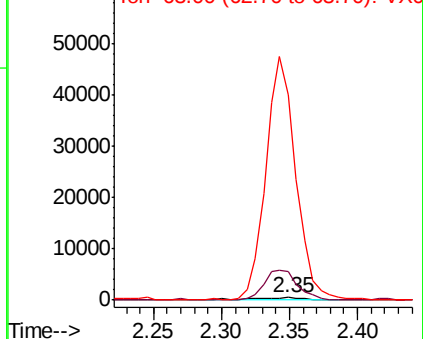
63 7841.9 104.7 194.4#

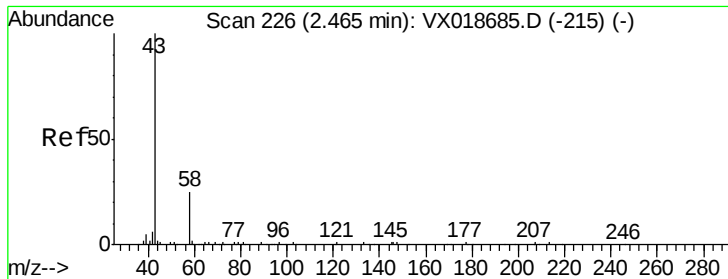


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 16.630 ug/L

RT: 2.45 min Scan# 223

Delta R.T. -0.02 min

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ClientSampleId :

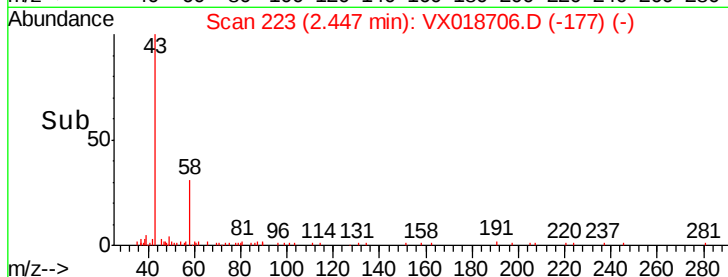
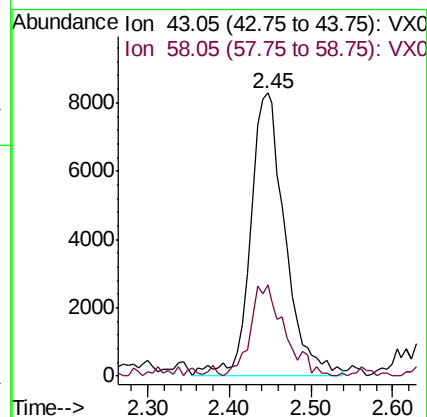
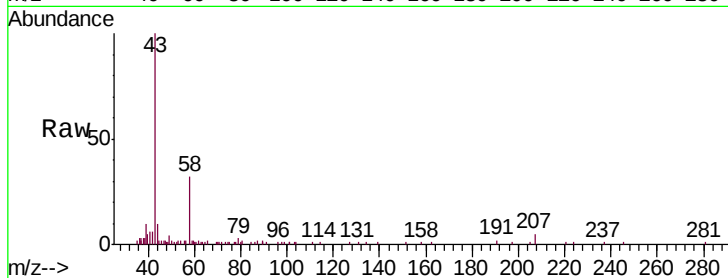
BFZR0

Tgt Ion: 43 Resp: 24532

Ion Ratio Lower Upper

43 100

58 31.9 0.0 61.6



#14

Carbon disulfide

Concen: 0.124 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018706.D

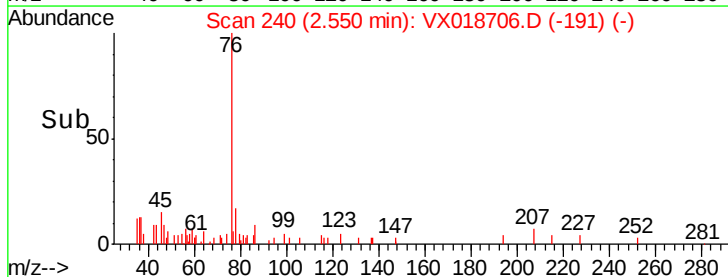
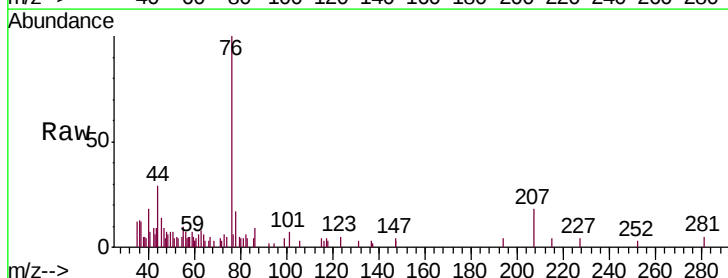
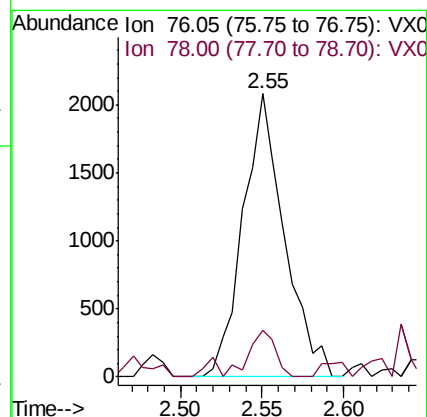
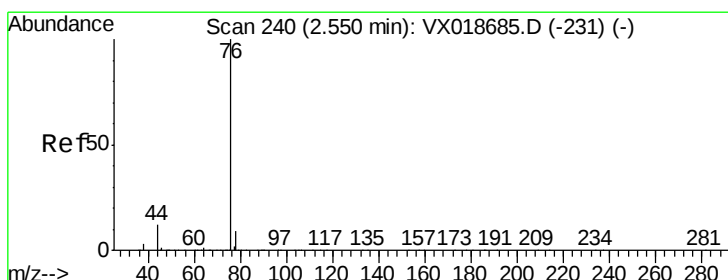
Acq: 30 Sep 2020 18:48

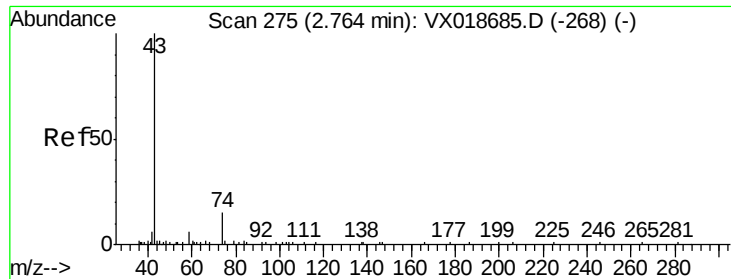
Tgt Ion: 76 Resp: 3670

Ion Ratio Lower Upper

76 100

78 16.6 7.4 11.0#

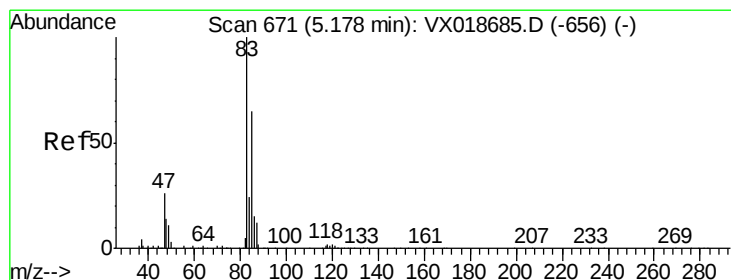
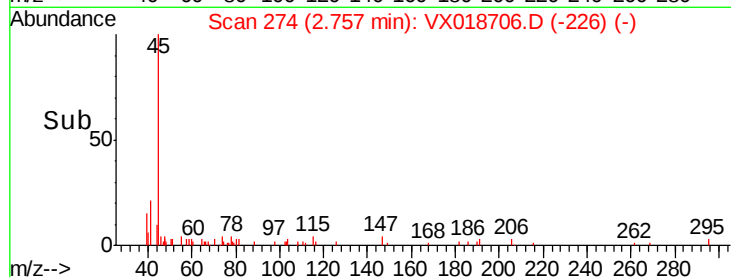
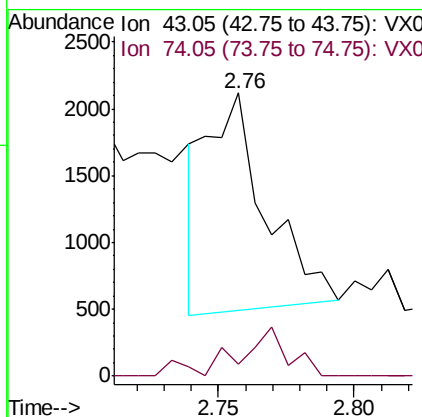
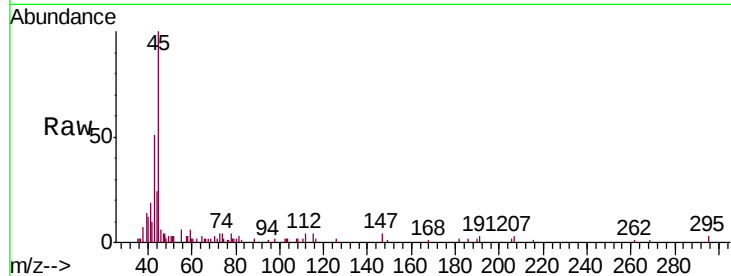




#15
Methyl Acetate
Concen: 0.604 ug/L
RT: 2.76 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX018706.D
Acq: 30 Sep 2020 18:48

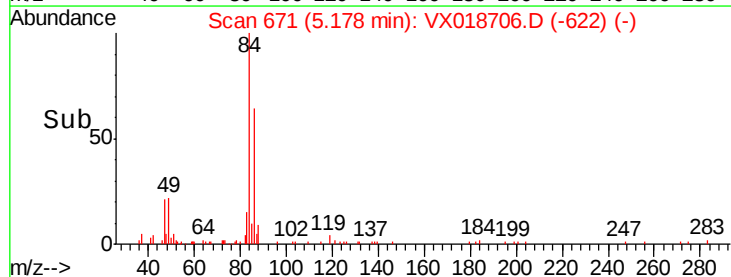
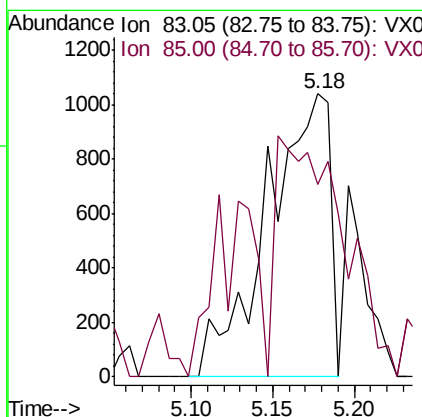
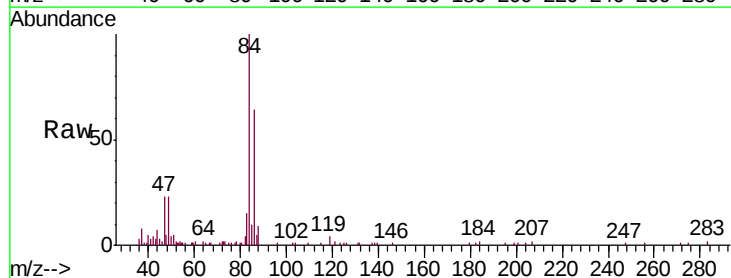
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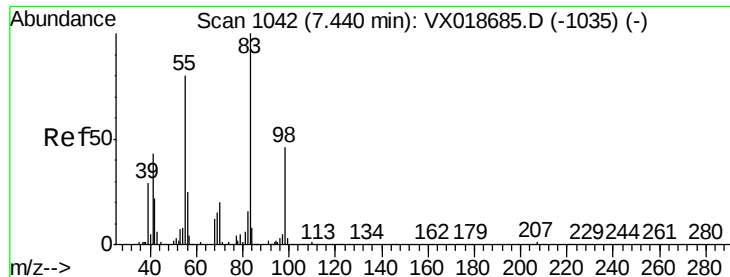
Tgt Ion: 43 Resp: 2465
Ion Ratio Lower Upper
43 100
74 19.9 21.2 31.8#



#25
Chloroform
Concen: 0.145 ug/L
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
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Tgt Ion: 83 Resp: 2768
Ion Ratio Lower Upper
83 100
85 68.1 41.8 77.6

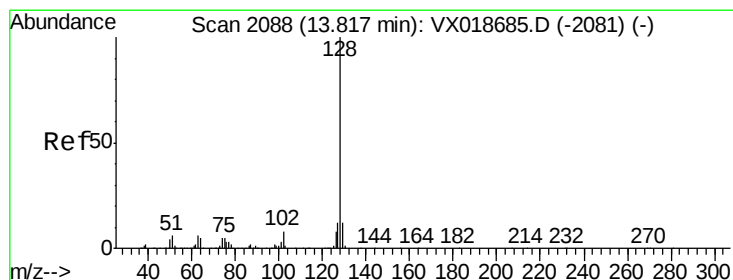
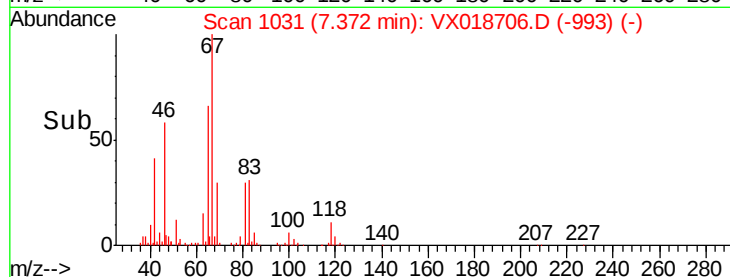
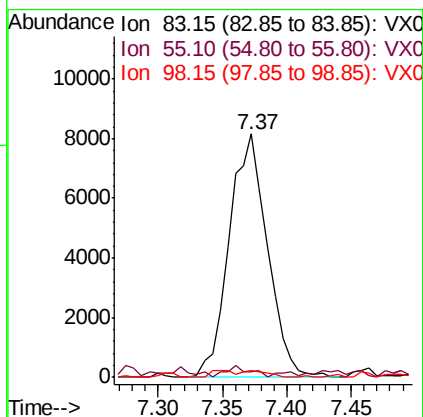
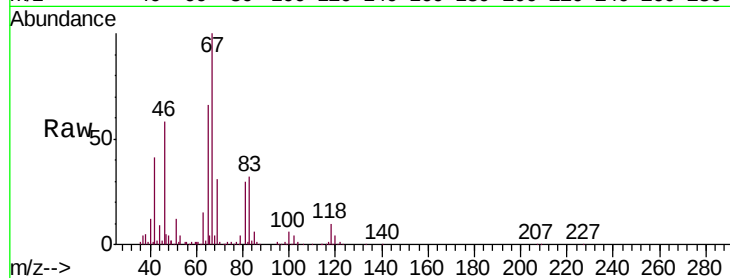




#35
Methylcyclohexane
Concen: 1.086 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018706.D
Acq: 30 Sep 2020 18:48

Instrument :
MSVOA_X
ClientSampled :
BFZR0

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.4	101.0#
98	1.9	41.1	61.7#



#70
Naphthalene
Concen: 0.112 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018706.D
Acq: 30 Sep 2020 18:48

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	15.4	10.7	16.1

