

Data File : VX018707.D
Acq On : 30 Sep 2020 19:13
Operator : JC/SP
Sample : L4202-06
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFZQ7

Quant Time: Oct 01 02:41:23 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	198305	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	195138	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	87755	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40524	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.70	69	39574	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.34	63	77168	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.54	46	149703	56.58	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.16%
24) Chloroform-d	5.14	84	122195	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	6.03	65	70673	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	6.05	84	206404	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	7.37	67	66317	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	8.70	98	177434	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
45) trans-1,3-Dichloropropene-	8.99	79	25771	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
48) 2-Hexanone-d5	9.43	63	113087	51.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.46%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	53120	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	75151	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

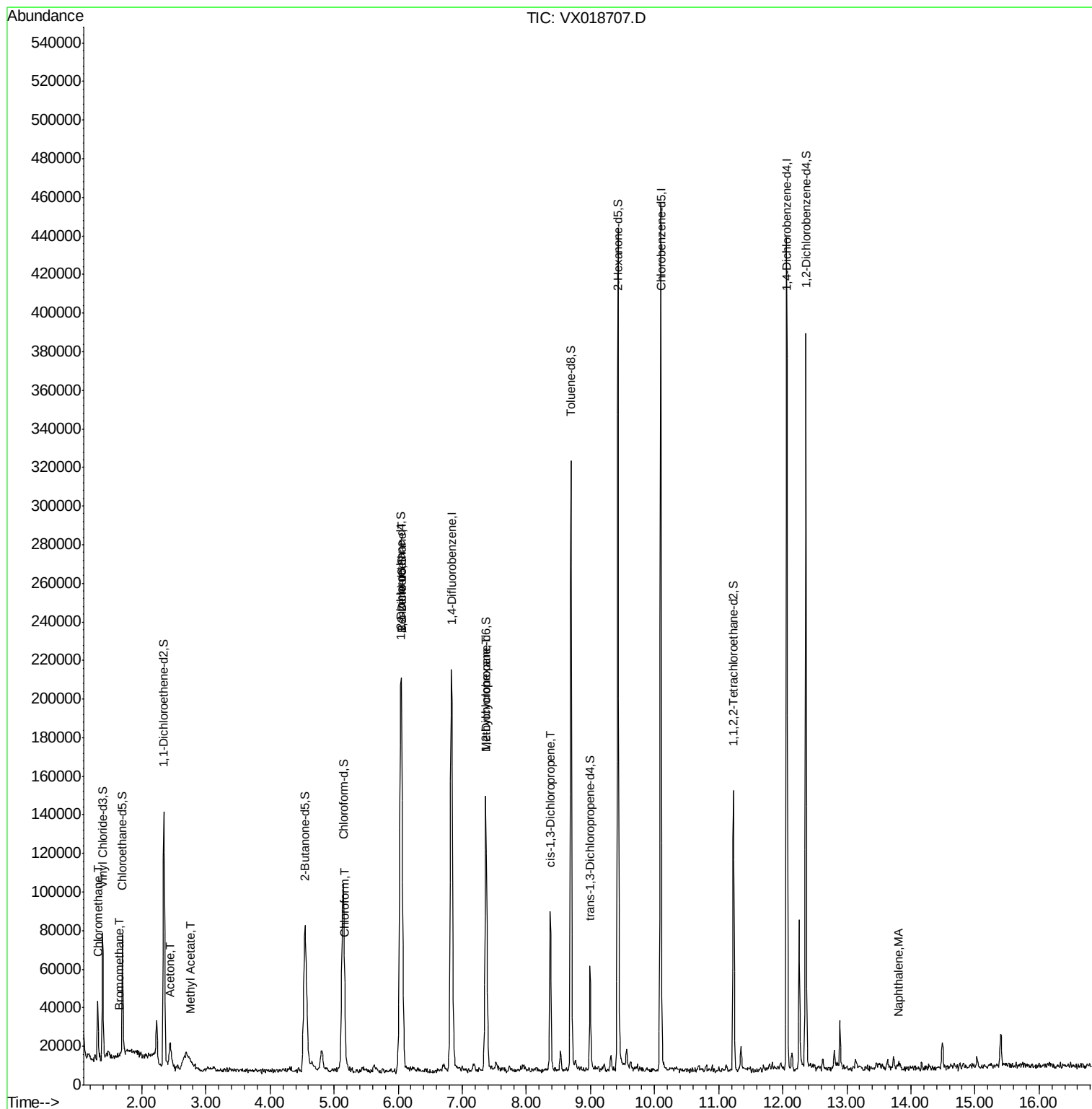
						Qvalue
3) Chloromethane	1.31	50	18917	1.846	ug/L	98
6) Bromomethane	1.64	94	847	0.132	ug/L	72
13) Acetone	2.44	43	22847	15.599	ug/L	99
15) Methyl Acetate	2.76	43	2725	0.672	ug/L #	89
25) Chloroform	5.17	83	3846	0.203	ug/L #	66
27) 1,2-Dichloroethane	6.05	62	1983	0.165	ug/L	96
35) Methylcyclohexane	7.37	83	17148	1.132	ug/L #	17
39) cis-1,3-Dichloropropene	8.37	75	2368	0.166	ug/L	97
70) Naphthalene	13.81	128	1435	0.072	ug/L #	75

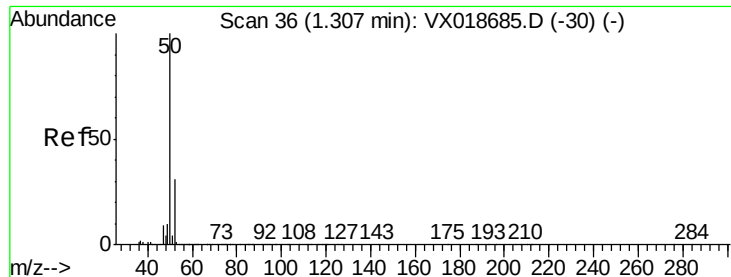
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.846 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.01 min

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Acq: 30 Sep 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

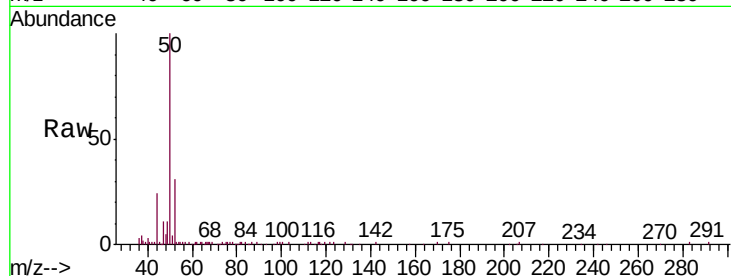
BFZQ7

Tgt Ion: 50 Resp: 18917

Ion Ratio Lower Upper

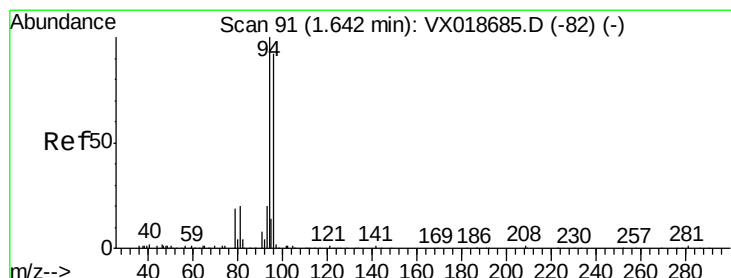
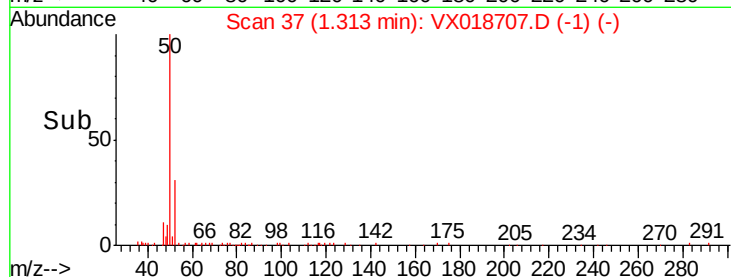
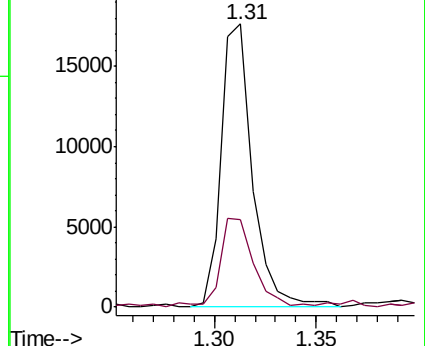
50 100

52 31.1 21.2 39.4



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#6

Bromomethane

Concen: 0.132 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

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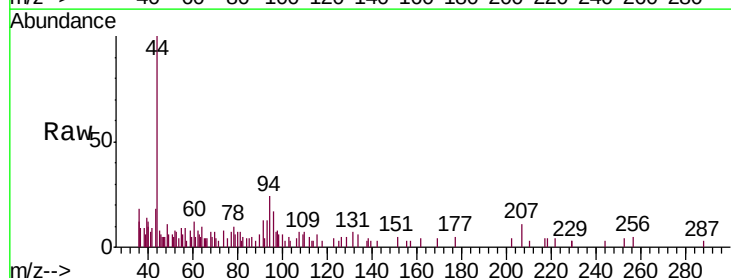
Acq: 30 Sep 2020 19:13

Tgt Ion: 94 Resp: 847

Ion Ratio Lower Upper

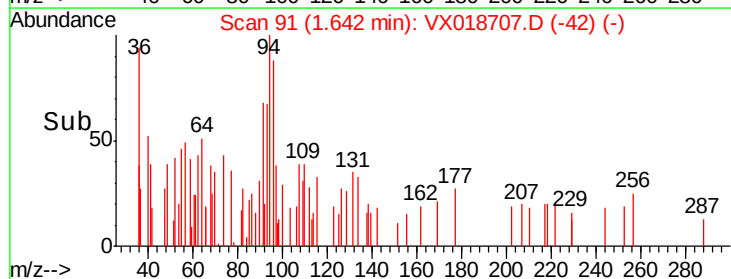
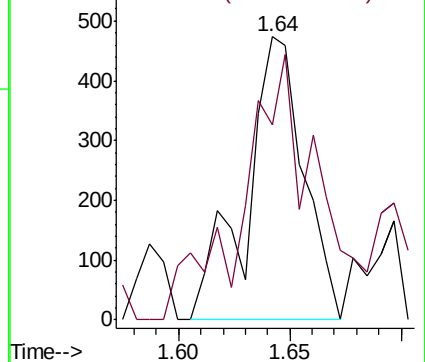
94 100

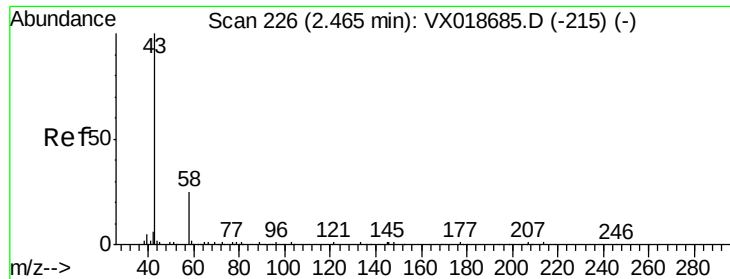
96 68.9 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0





#13

Acetone

Concen: 15.599 ug/L

RT: 2.44 min Scan# 222

Delta R.T. -0.02 min

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Acq: 30 Sep 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

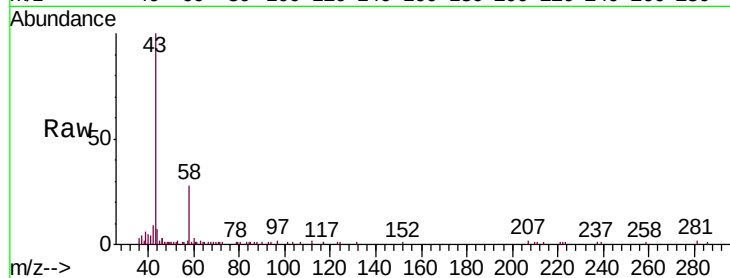
BFZQ7

Tgt Ion: 43 Resp: 22847

Ion Ratio Lower Upper

43 100

58 31.5 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

2.44

10000

8000

6000

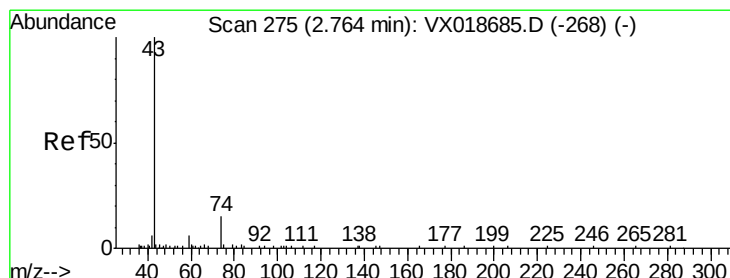
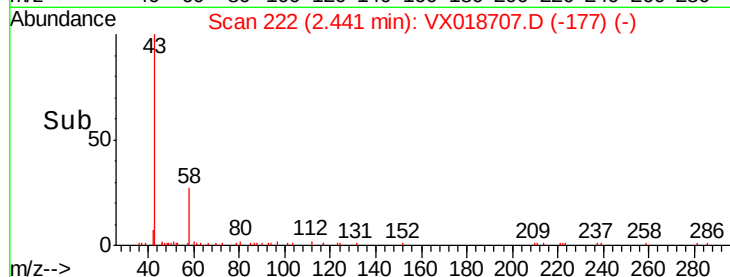
4000

2000

0

Time-->

2.40 2.50



#15

Methyl Acetate

Concen: 0.672 ug/L

RT: 2.76 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX018707.D

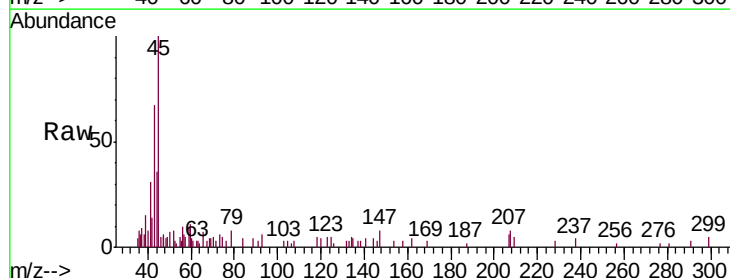
Acq: 30 Sep 2020 19:13

Tgt Ion: 43 Resp: 2725

Ion Ratio Lower Upper

43 100

74 21.1 21.2 31.8#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0

2.76

1500

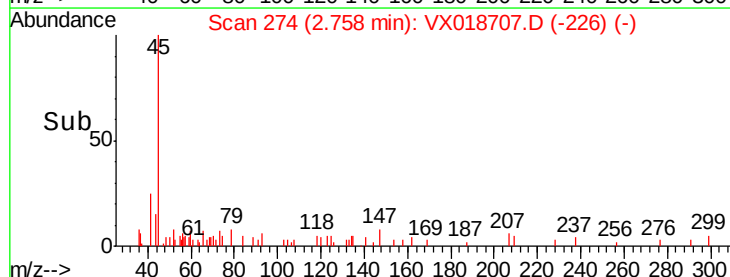
1000

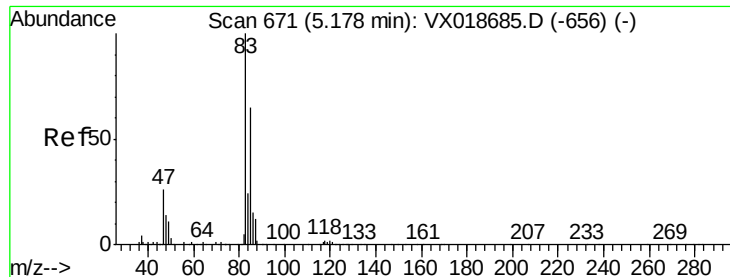
500

0

Time-->

2.75 2.80 2.85





#25

Chloroform

Concen: 0.203 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018707.D

Acq: 30 Sep 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

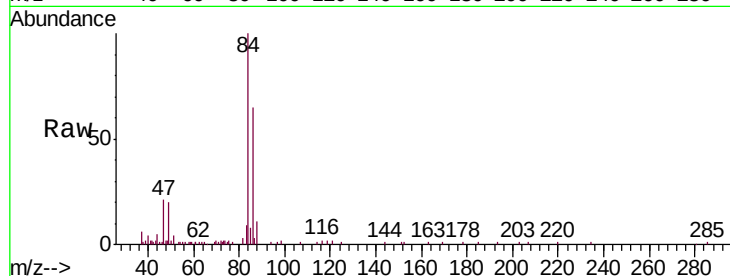
BFZQ7

Tgt Ion: 83 Resp: 3846

Ion Ratio Lower Upper

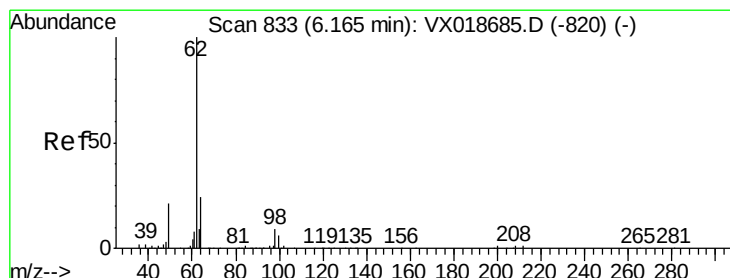
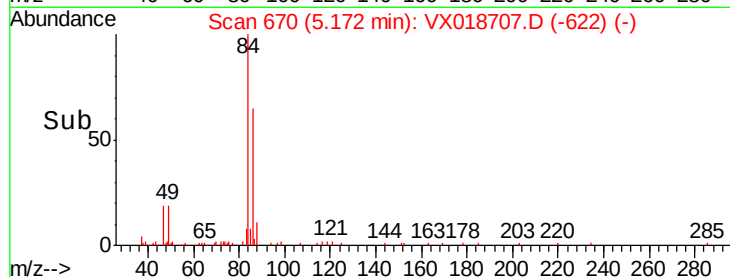
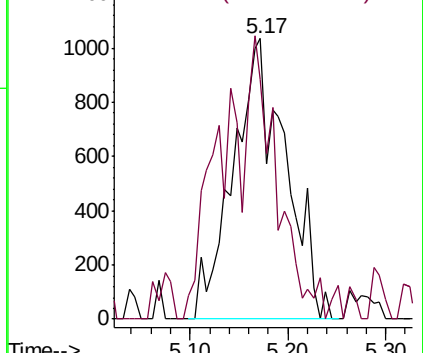
83 100

85 85.7 41.8 77.6#



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#27

1,2-Dichloroethane

Concen: 0.165 ug/L

RT: 6.05 min Scan# 814

Delta R.T. -0.12 min

Lab File: VX018707.D

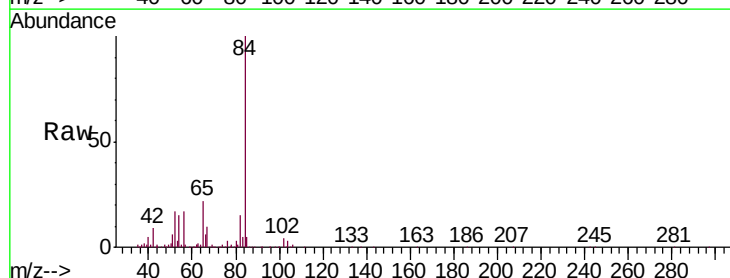
Acq: 30 Sep 2020 19:13

Tgt Ion: 62 Resp: 1983

Ion Ratio Lower Upper

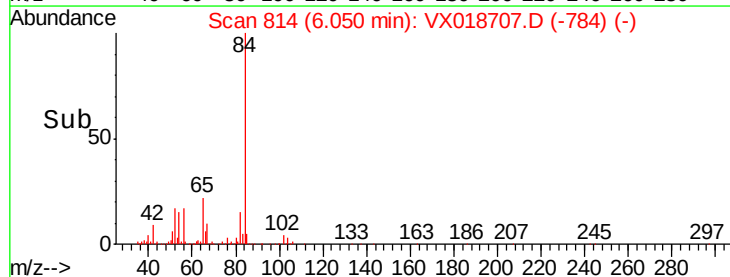
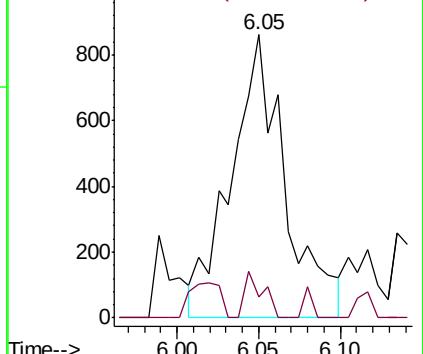
62 100

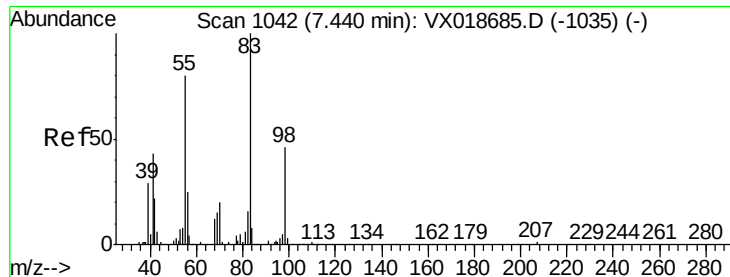
98 7.3 7.0 10.4



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0

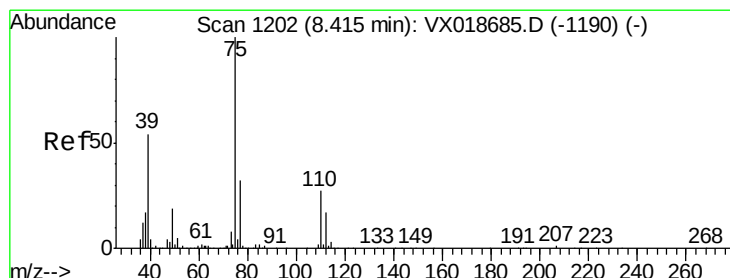
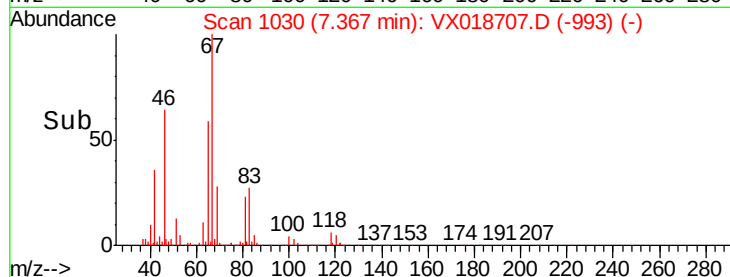
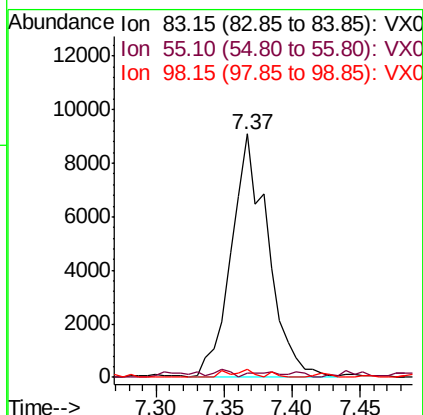
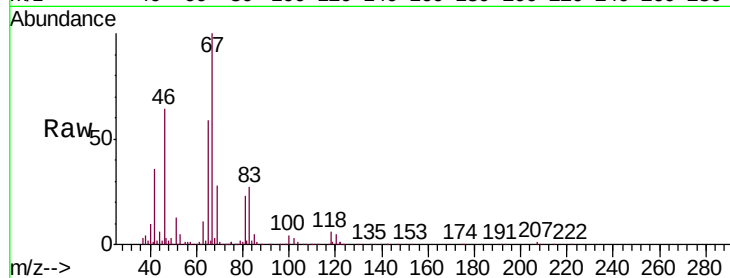




#35
Methylcyclohexane
Concen: 1.132 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018707.D
Acq: 30 Sep 2020 19:13

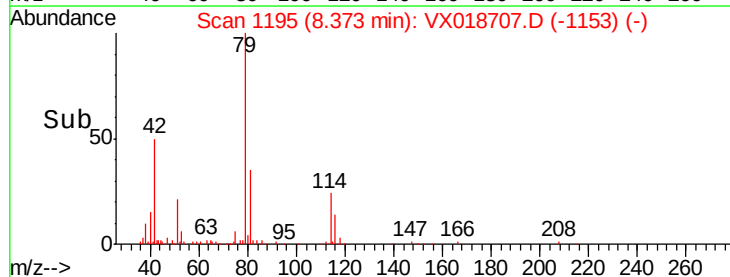
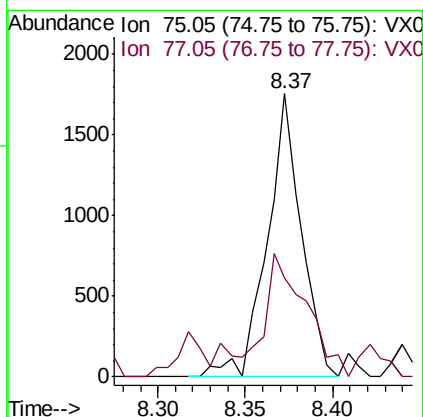
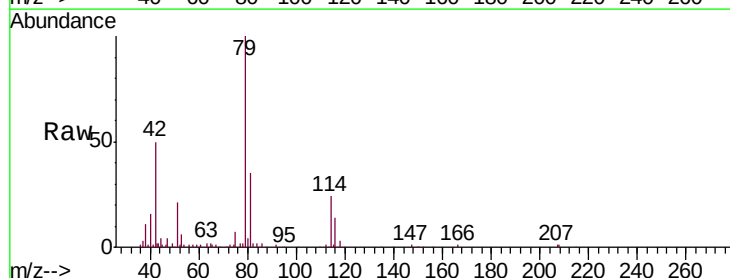
Instrument :
MSVOA_X
ClientSampleId :
BFZQ7

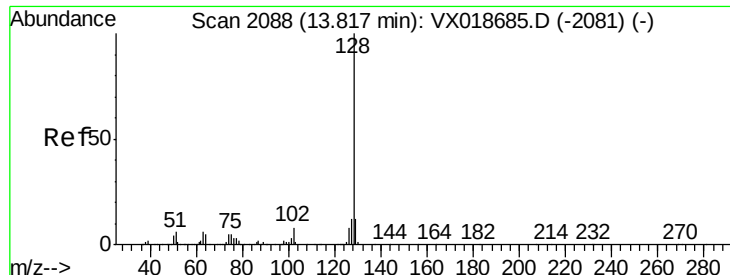
Tgt Ion: 83 Resp: 17148
Ion Ratio Lower Upper
83 100
55 1.5 67.4 101.0#
98 2.1 41.1 61.7#



#39
cis-1,3-Dichloropropene
Concen: 0.166 ug/L
RT: 8.37 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VX018707.D
Acq: 30 Sep 2020 19:13

Tgt Ion: 75 Resp: 2368
Ion Ratio Lower Upper
75 100
77 34.8 23.0 42.8





#70

Naphthalene

Concen: 0.072 ug/L

RT: 13.81 min Scan# 2087

Delta R.T. -0.01 min

Lab File: VX018707.D

Acq: 30 Sep 2020 19:13

Instrument :

MSVOA_X

ClientSampleId :

BFZQ7

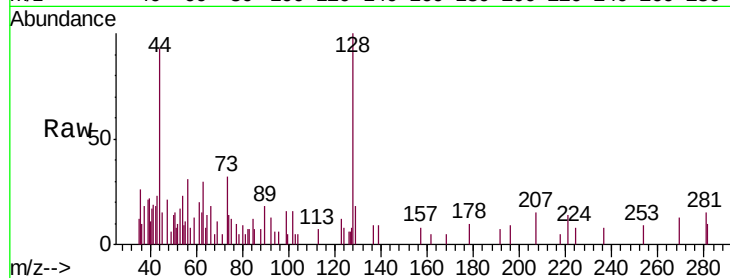
Tgt Ion:128 Resp: 1435

Ion Ratio Lower Upper

128 100

129 14.6 8.8 13.2#

127 28.8 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

