

Data File : VX018705.D
Acq On : 30 Sep 2020 18:24
Operator : JC/SP
Sample : L4202-07
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFZQ8

Quant Time: Oct 01 02:40:52 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	208874	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	207063	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	94313	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	39249	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.70	69	37092	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.34	63	73015	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.54	46	147338	52.86	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.72%
24) Chloroform-d	5.14	84	120229	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	6.03	65	68161	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	6.05	84	200418	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	7.37	67	64361	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	8.70	98	172501	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
45) trans-1,3-Dichloropropene-	8.99	79	26277	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
48) 2-Hexanone-d5	9.43	63	109232	47.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.18%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	49875	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	72280	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

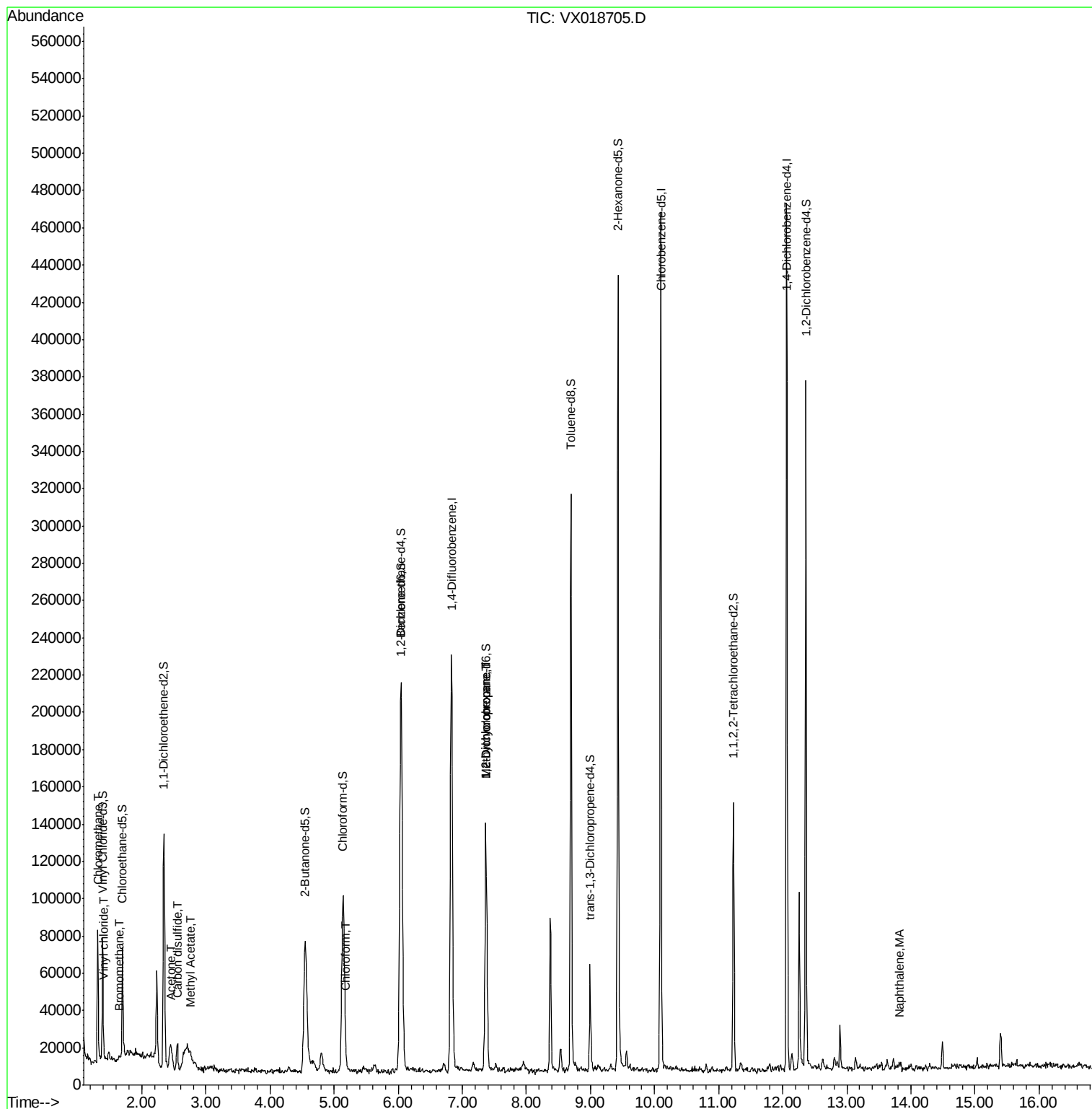
					Qvalue
3) Chloromethane	1.31	50	41398	3.834	ug/L 93
5) Vinyl chloride	1.40	62	696	0.062	ug/L 89
6) Bromomethane	1.64	94	796	0.118	ug/L 95
13) Acetone	2.45	43	25929	16.808	ug/L 99
14) Carbon disulfide	2.55	76	19369	0.625	ug/L 100
15) Methyl Acetate	2.76	43	4461	1.045	ug/L # 63
25) Chloroform	5.18	83	3784	0.189	ug/L 90
35) Methylcyclohexane	7.37	83	15812	0.984	ug/L # 17
37) 1,2-Dichloropropane	7.37	63	8714	0.818	ug/L # 86
70) Naphthalene	13.82	128	1776	0.083	ug/L # 89

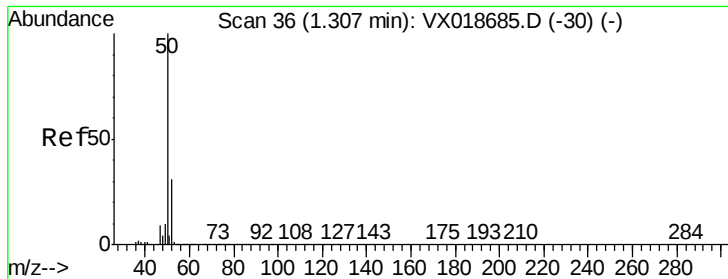
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Chloromethane

Concen: 3.834 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.01 min

Lab File: VX018705.D

Acq: 30 Sep 2020 18:24

Instrument :

MSVOA_X

ClientSampleId :

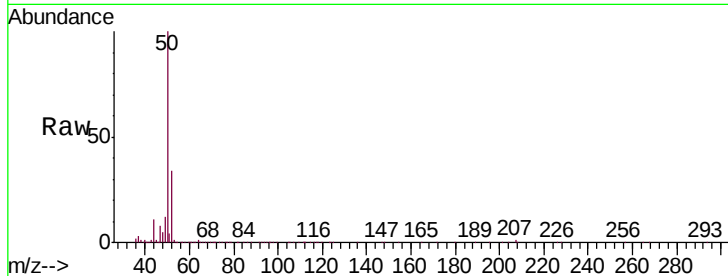
BFZQ8

Tgt Ion: 50 Resp: 41398

Ion Ratio Lower Upper

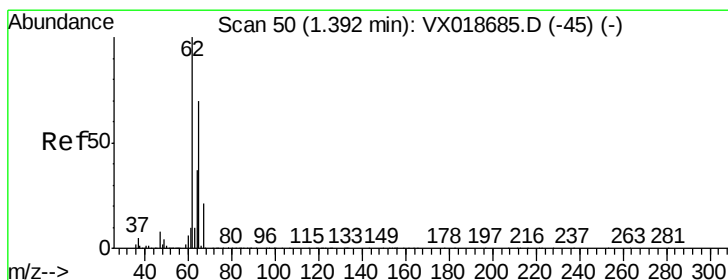
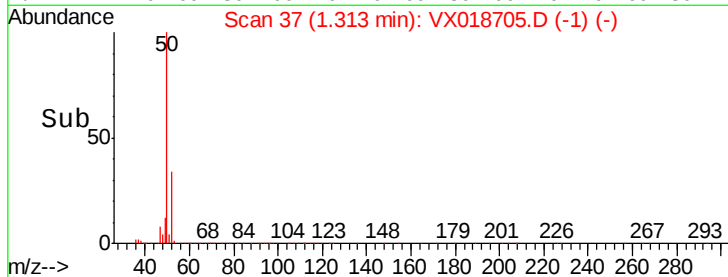
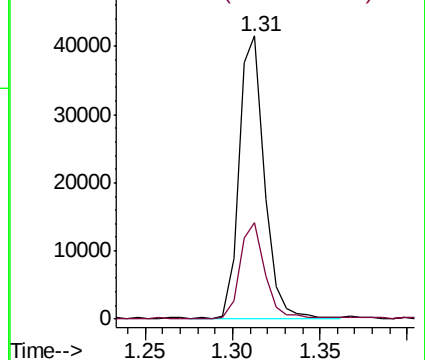
50 100

52 34.2 21.2 39.4



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#5

Vinyl chloride

Concen: 0.062 ug/L

RT: 1.40 min Scan# 52

Delta R.T. 0.01 min

Lab File: VX018705.D

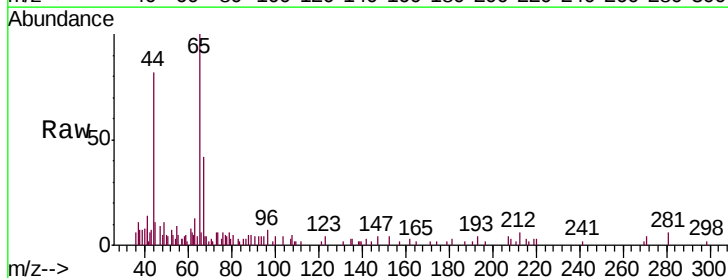
Acq: 30 Sep 2020 18:24

Tgt Ion: 62 Resp: 696

Ion Ratio Lower Upper

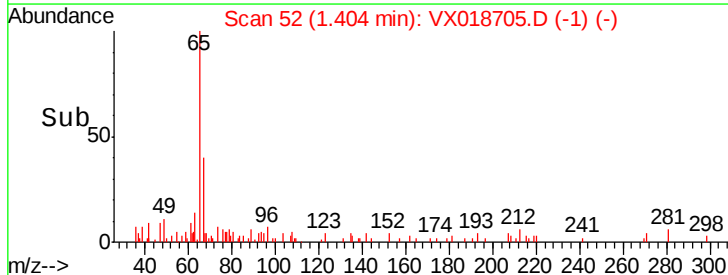
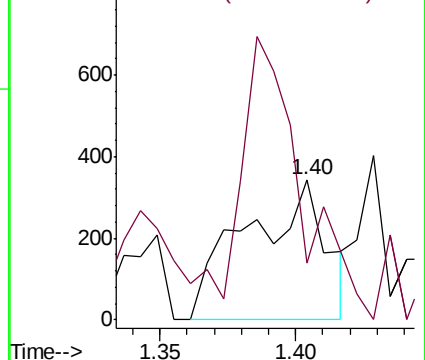
62 100

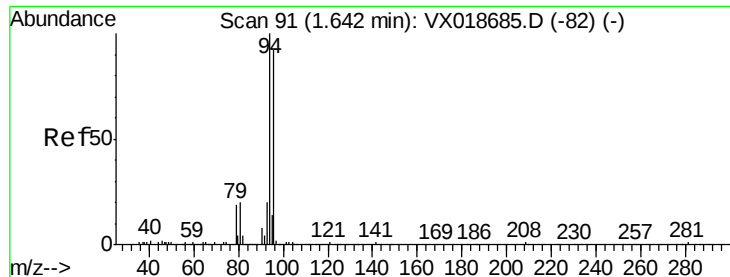
64 40.2 23.6 43.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0





#6

Bromomethane

Concen: 0.118 ug/L

RT: 1.64 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX018705.D

Acq: 30 Sep 2020 18:24

Instrument :

MSVOA_X

ClientSampled :

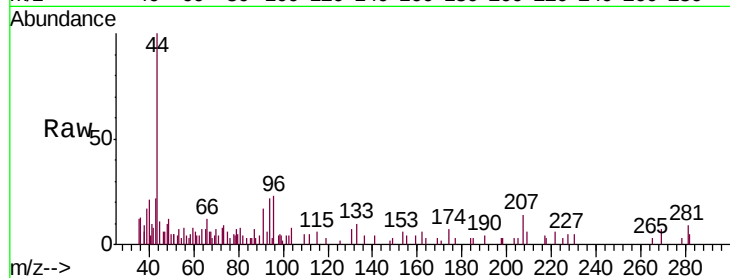
BFZQ8

Tgt Ion: 94 Resp: 796

Ion Ratio Lower Upper

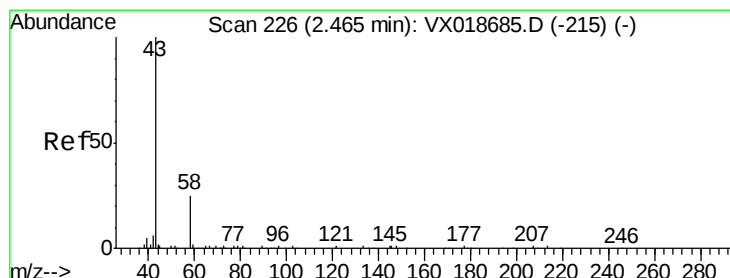
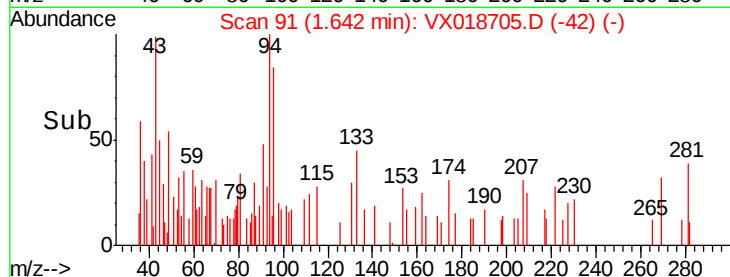
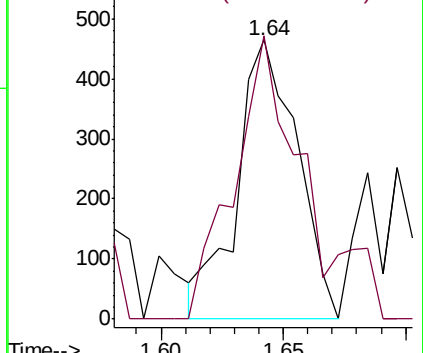
94 100

96 101.5 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: 16.808 ug/L

RT: 2.45 min Scan# 223

Delta R.T. -0.02 min

Lab File: VX018705.D

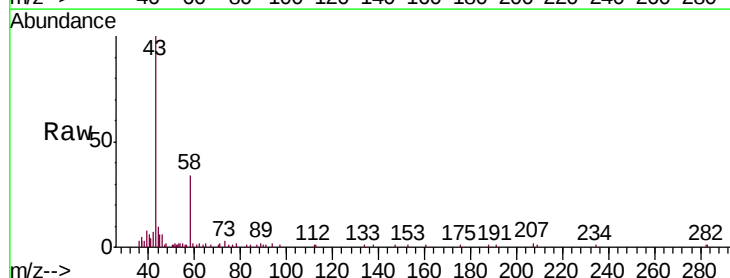
Acq: 30 Sep 2020 18:24

Tgt Ion: 43 Resp: 25929

Ion Ratio Lower Upper

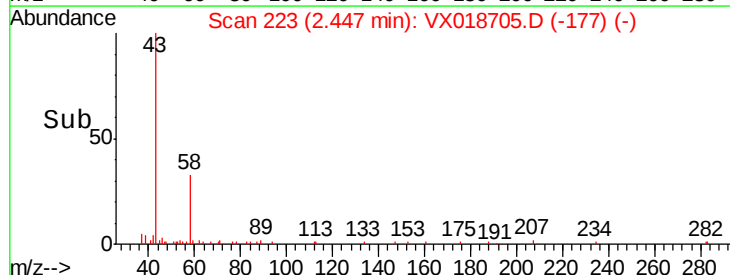
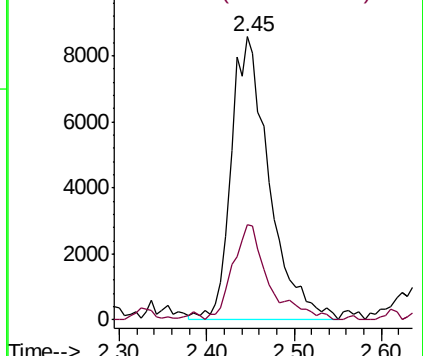
43 100

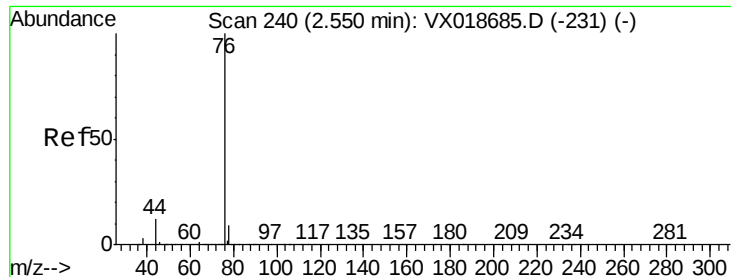
58 31.6 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#14

Carbon disulfide

Concen: 0.625 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018705.D

Acq: 30 Sep 2020 18:24

Instrument :

MSVOA_X

ClientSampleId :

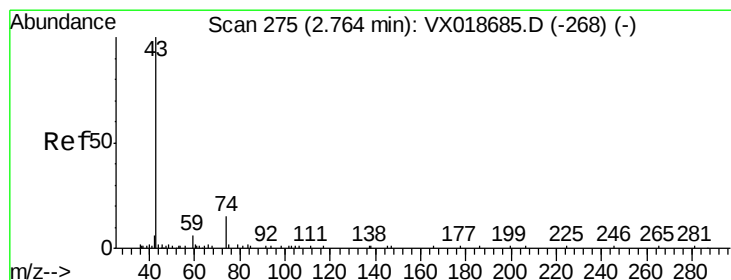
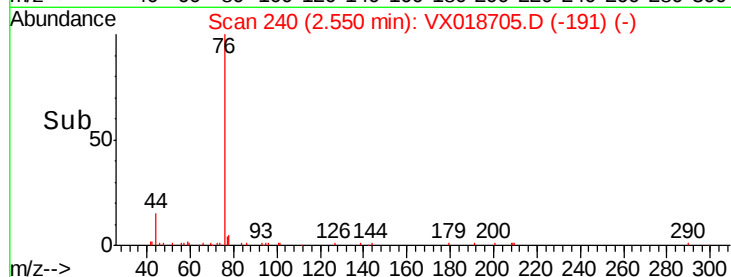
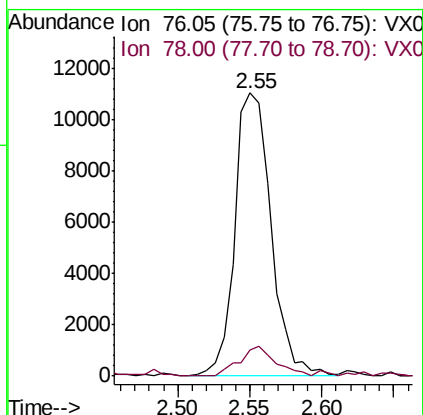
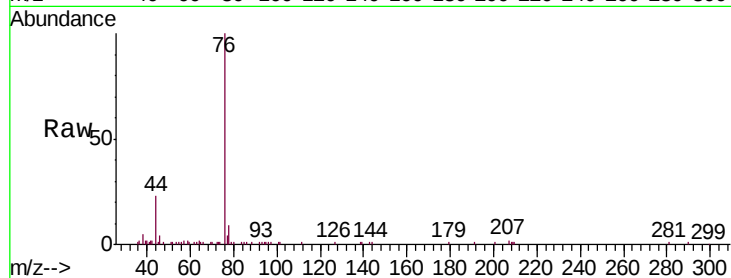
BFZQ8

Tgt Ion: 76 Resp: 19369

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#15

Methyl Acetate

Concen: 1.045 ug/L

RT: 2.76 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX018705.D

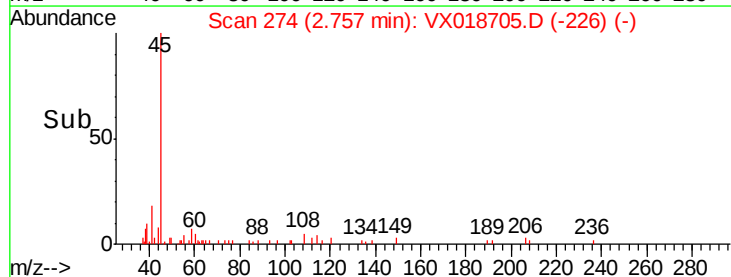
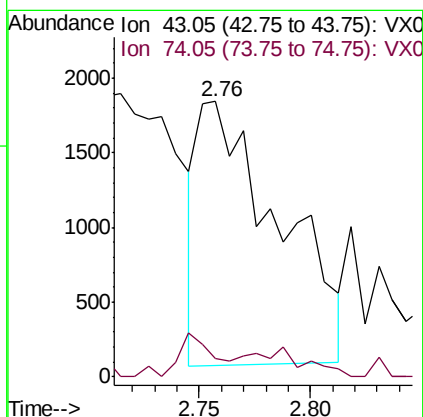
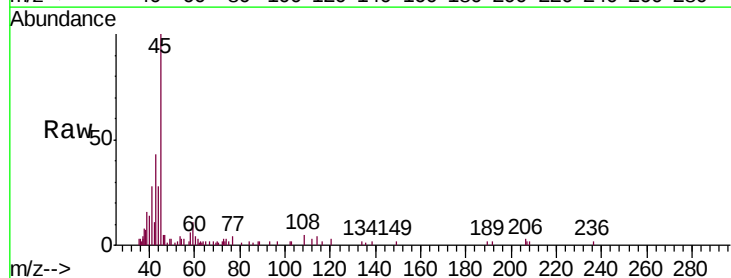
Acq: 30 Sep 2020 18:24

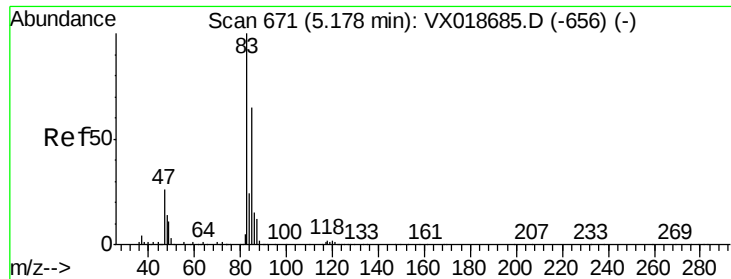
Tgt Ion: 43 Resp: 4461

Ion Ratio Lower Upper

43 100

74 7.5 21.2 31.8#

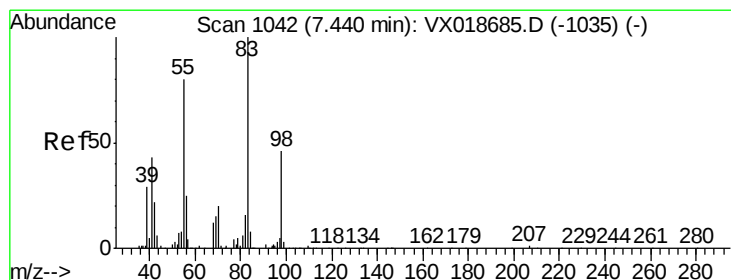
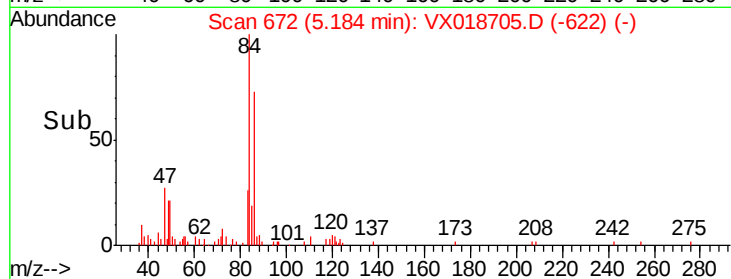
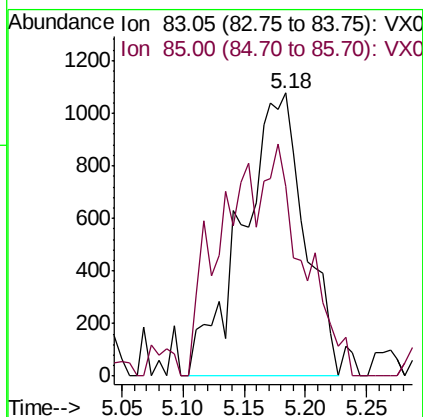
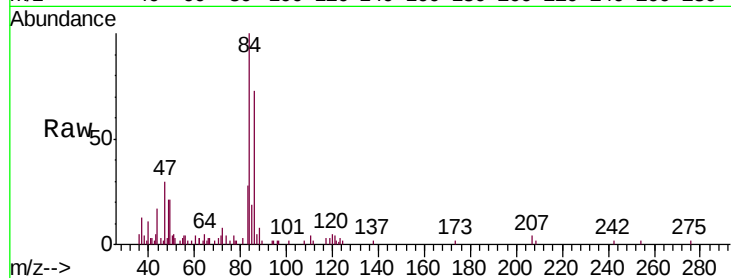




#25
Chloroform
Concen: 0.189 ug/L
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX018705.D
Acq: 30 Sep 2020 18:24

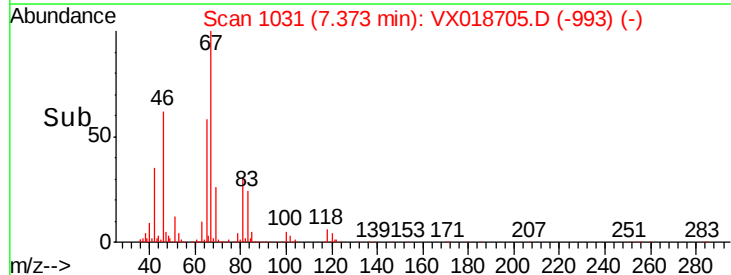
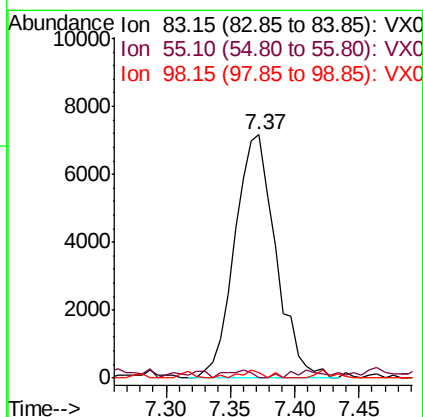
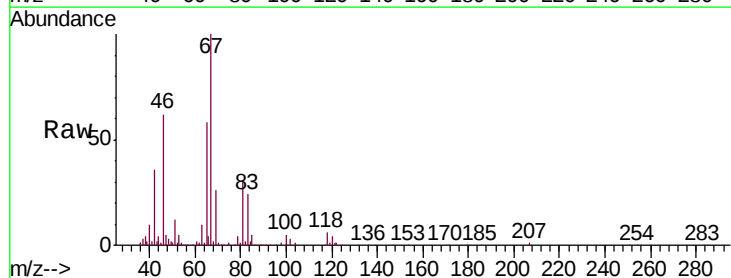
Instrument :
MSVOA_X
ClientSampleId :
BFZQ8

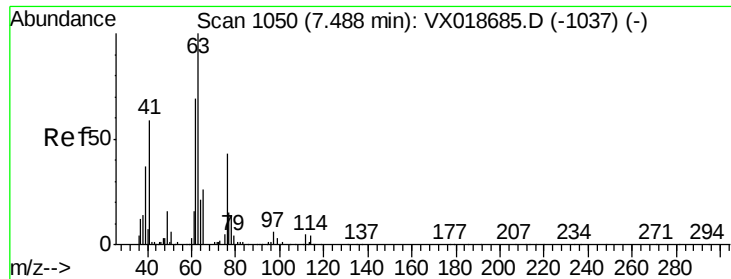
Tgt Ion: 83 Resp: 3784
Ion Ratio Lower Upper
83 100
85 67.2 41.8 77.6



#35
Methylcyclohexane
Concen: 0.984 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018705.D
Acq: 30 Sep 2020 18:24

Tgt Ion: 83 Resp: 15812
Ion Ratio Lower Upper
83 100
55 2.1 67.4 101.0#
98 2.0 41.1 61.7#

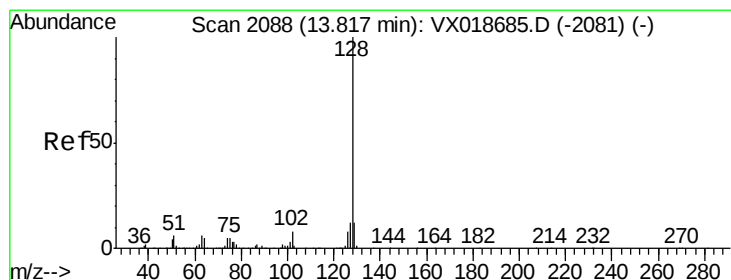
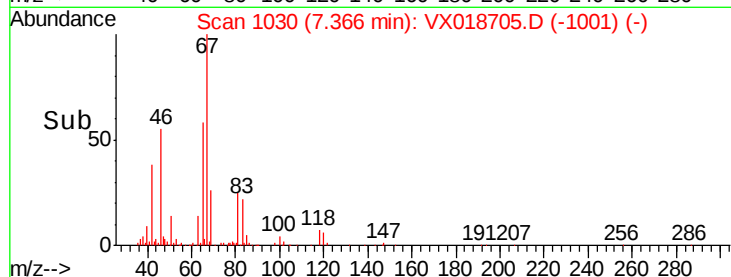
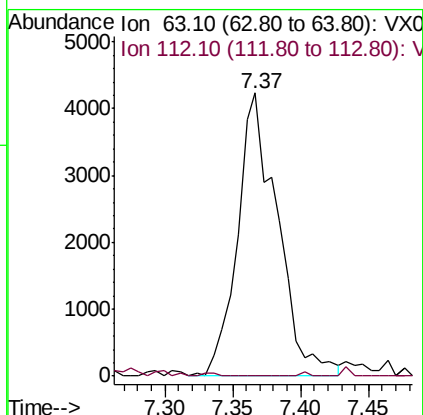
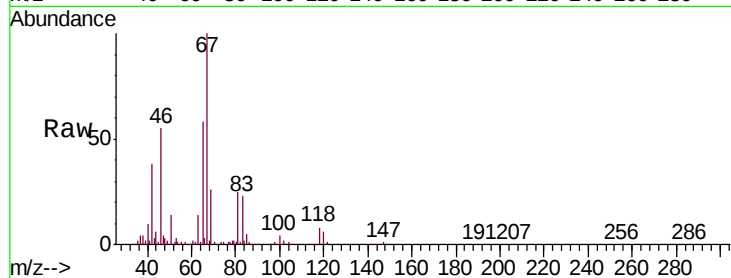




#37
 1,2-Dichloropropane
 Concen: 0.818 ug/L
 RT: 7.37 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VX018705.D
 Acq: 30 Sep 2020 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 BFZQ8

Tgt Ion: 63 Resp: 8714
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.1 6.1#



#70
 Naphthalene
 Concen: 0.083 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX018705.D
 Acq: 30 Sep 2020 18:24

Tgt Ion: 128 Resp: 1776
 Ion Ratio Lower Upper
 128 100
 129 13.9 8.8 13.2#
 127 18.6 10.7 16.1#

