

Data File : VX018708.D
Acq On : 30 Sep 2020 19:37
Operator : JC/SP
Sample : L4202-09
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFZR1

Quant Time: Oct 01 02:41:39 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	200749	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	201831	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	91375	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37687	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.70	69	37030	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.34	63	72600	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.55	46	148311	55.37	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.74%
24) Chloroform-d	5.14	84	119258	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	6.03	65	69085	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	6.05	84	198236	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	7.37	67	64240	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	8.70	98	173253	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
45) trans-1,3-Dichloropropene-	8.99	79	26424	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
48) 2-Hexanone-d5	9.43	63	113676	50.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.56%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	51265	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	72279	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

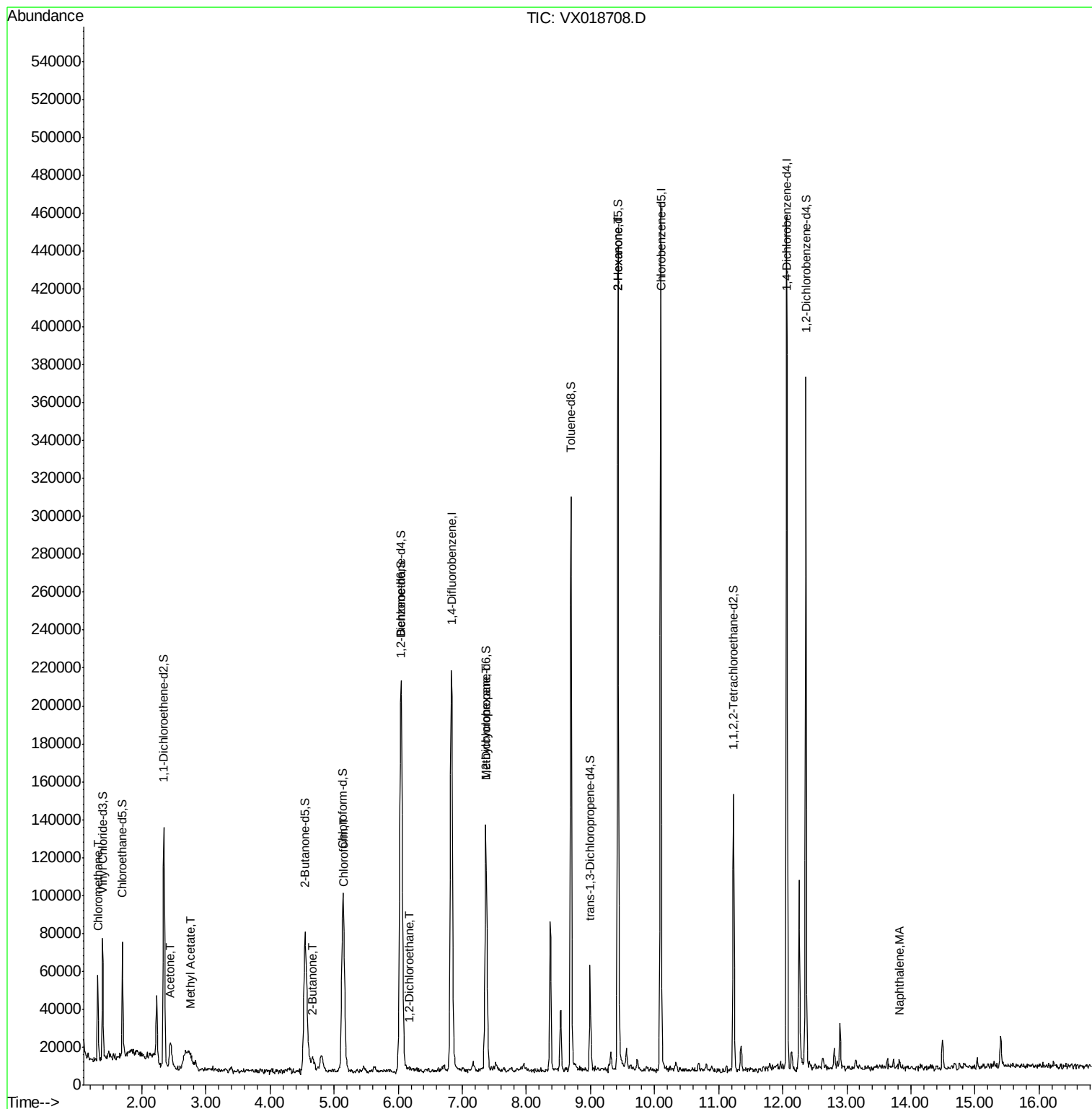
					Qvalue
3) Chloromethane	1.31	50	27296	2.631 ug/L	92
13) Acetone	2.44	43	27172	18.327 ug/L	100
15) Methyl Acetate	2.75	43	3605	0.878 ug/L #	69
21) 2-Butanone	4.65	43	2666	1.133 ug/L	99
25) Chloroform	5.16	83	3749	0.195 ug/L	93
27) 1,2-Dichloroethane	6.18	62	1317	0.108 ug/L #	89
35) Methylcyclohexane	7.37	83	16665	1.064 ug/L #	17
50) 2-Hexanone	9.43	43	14900	3.658 ug/L #	77
70) Naphthalene	13.82	128	1865	0.090 ug/L #	71

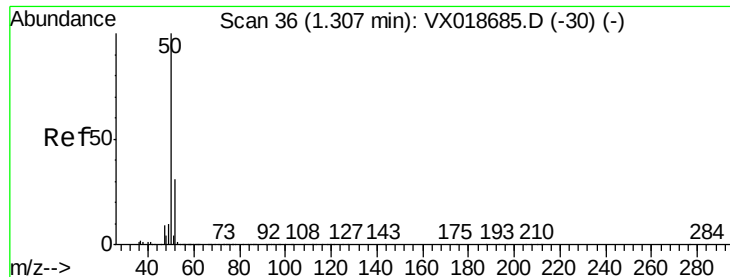
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.631 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.01 min

Lab File: VX018708.D

Acq: 30 Sep 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

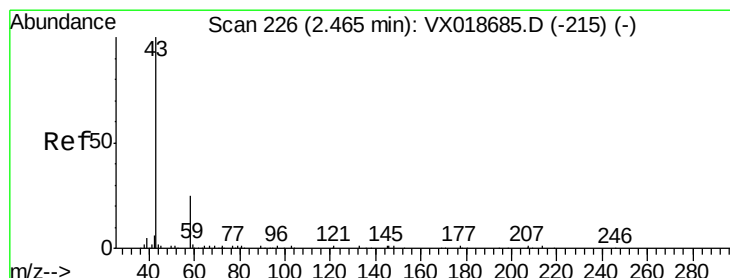
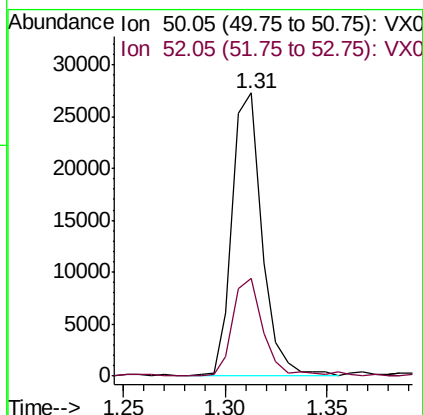
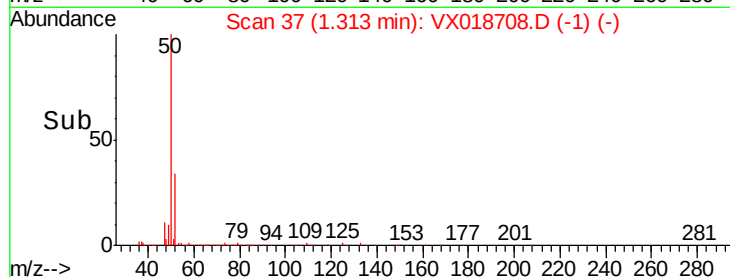
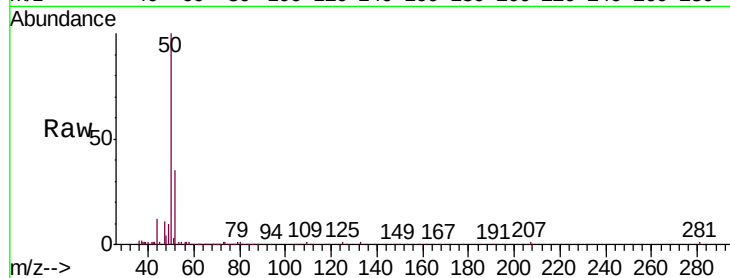
BFZR1

Tgt Ion: 50 Resp: 27296

Ion Ratio Lower Upper

50 100

52 34.6 21.2 39.4



#13

Acetone

Concen: 18.327 ug/L

RT: 2.44 min Scan# 222

Delta R.T. -0.02 min

Lab File: VX018708.D

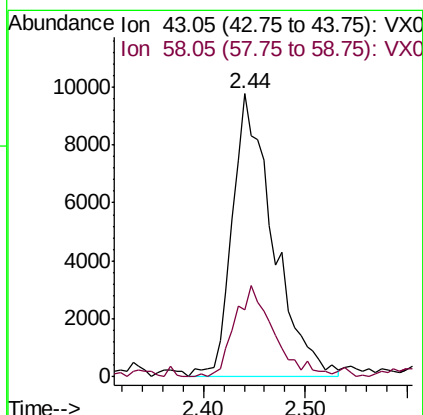
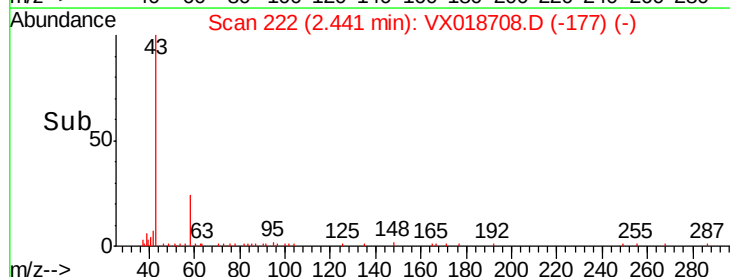
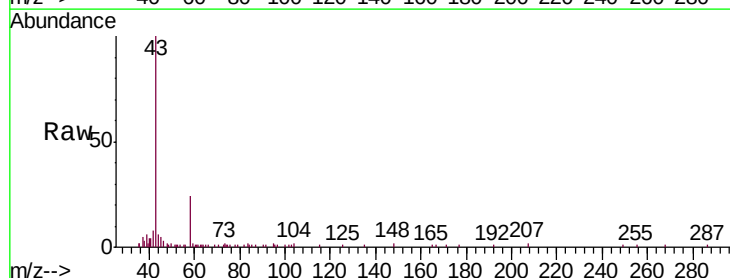
Acq: 30 Sep 2020 19:37

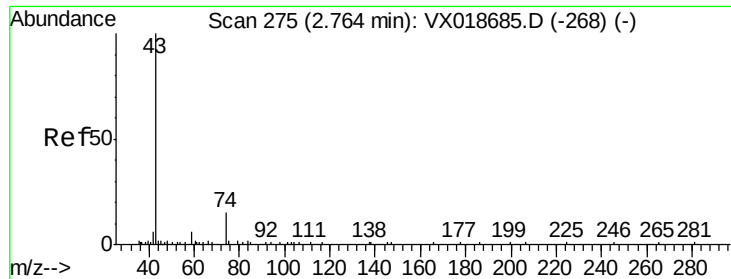
Tgt Ion: 43 Resp: 27172

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.6

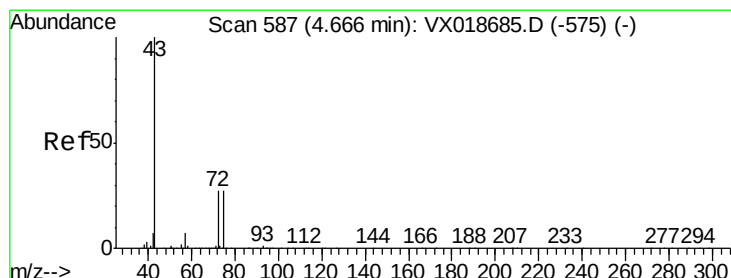
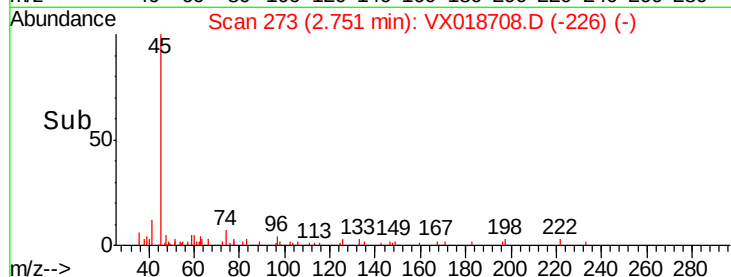
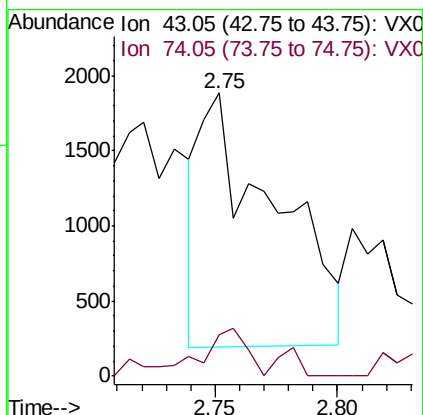
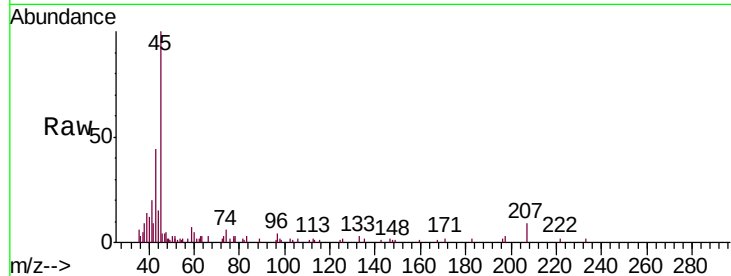




#15
Methyl Acetate
Concen: 0.878 ug/L
RT: 2.75 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX018708.D
Acq: 30 Sep 2020 19:37

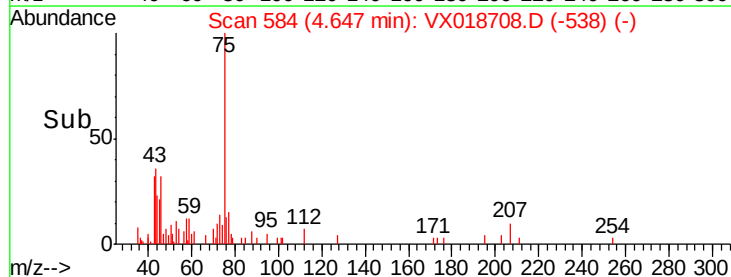
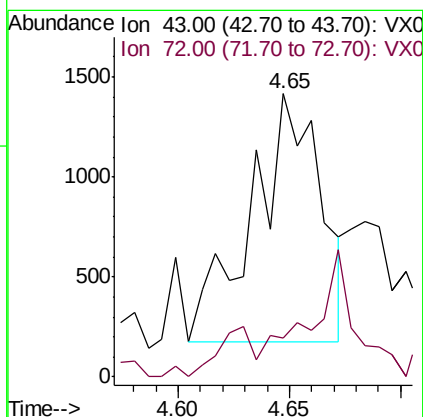
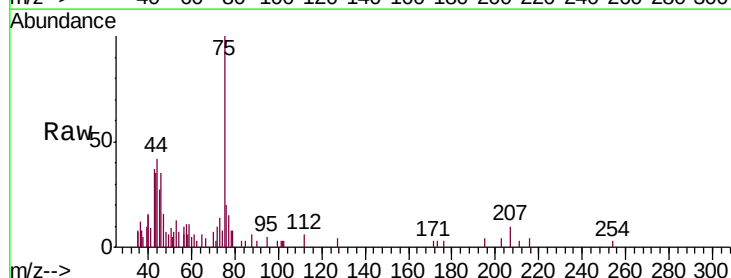
Instrument :
MSVOA_X
ClientSampleId :
BFZR1

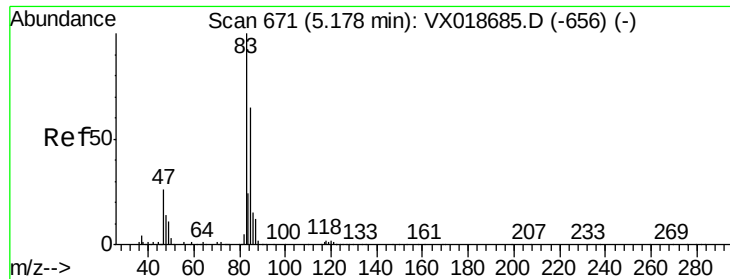
Tgt Ion: 43 Resp: 3605
Ion Ratio Lower Upper
43 100
74 10.7 21.2 31.8#



#21
2-Butanone
Concen: 1.133 ug/L
RT: 4.65 min Scan# 584
Delta R.T. -0.02 min
Lab File: VX018708.D
Acq: 30 Sep 2020 19:37

Tgt Ion: 43 Resp: 2666
Ion Ratio Lower Upper
43 100
72 10.7 5.2 15.6





#25

Chloroform

Concen: 0.195 ug/L

RT: 5.16 min Scan# 668

Delta R.T. -0.02 min

Lab File: VX018708.D

Acq: 30 Sep 2020 19:37

Instrument :

MSVOA_X

ClientSampled :

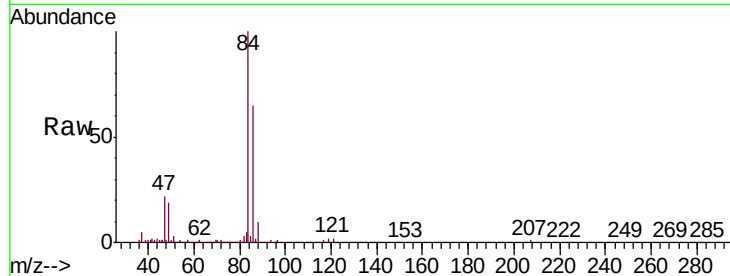
BFZR1

Tgt Ion: 83 Resp: 3749

Ion Ratio Lower Upper

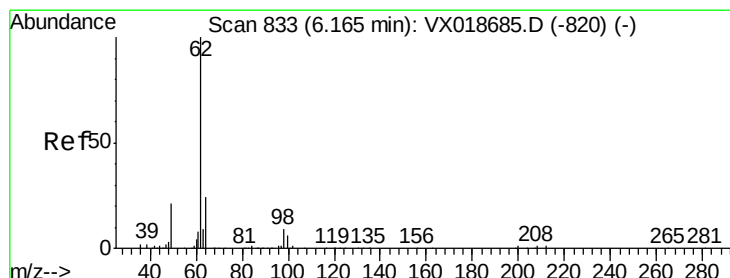
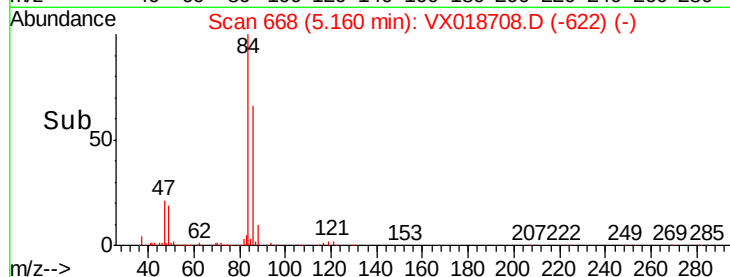
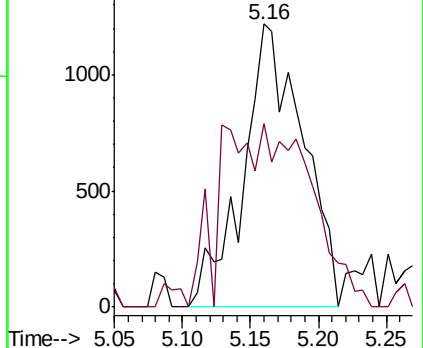
83 100

85 64.9 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: 0.108 ug/L

RT: 6.18 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX018708.D

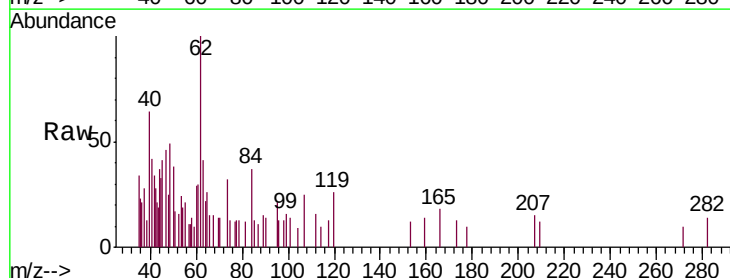
Acq: 30 Sep 2020 19:37

Tgt Ion: 62 Resp: 1317

Ion Ratio Lower Upper

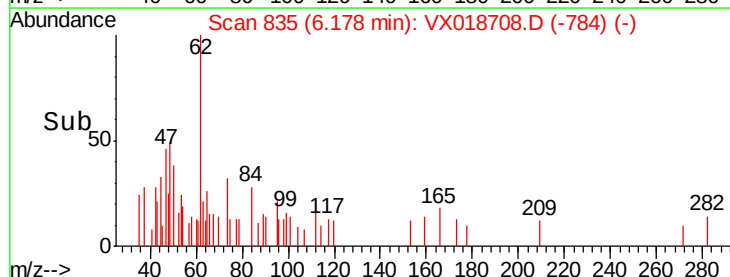
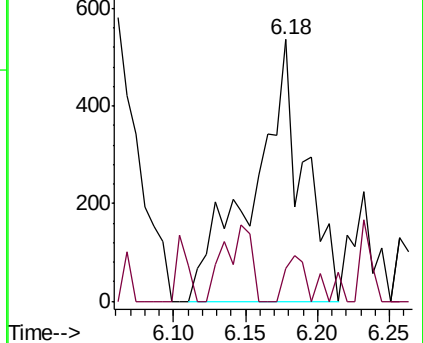
62 100

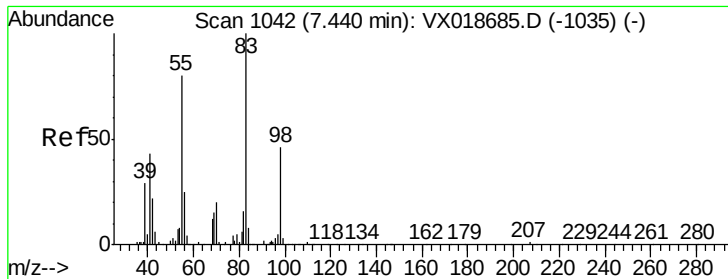
98 12.7 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0

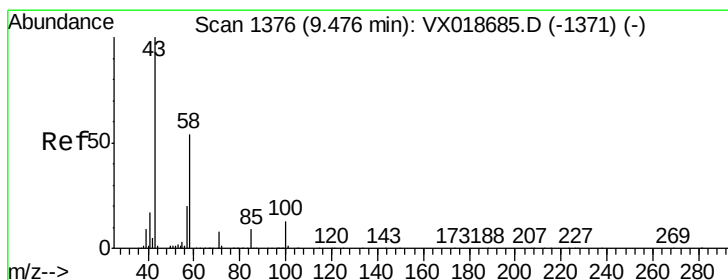
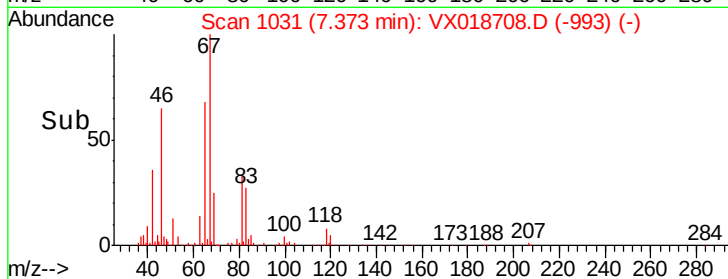
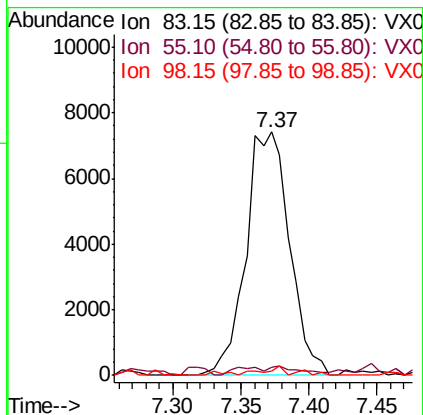
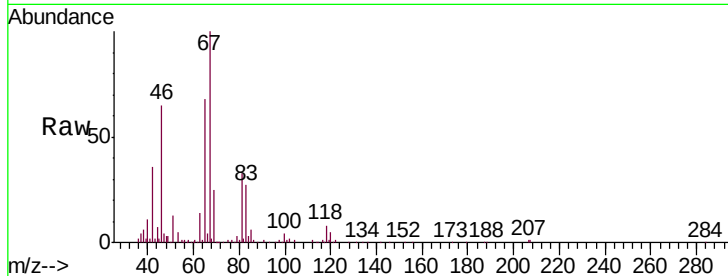




#35
Methylcyclohexane
Concen: 1.064 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018708.D
Acq: 30 Sep 2020 19:37

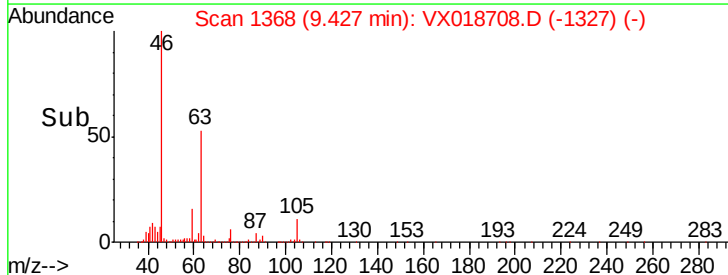
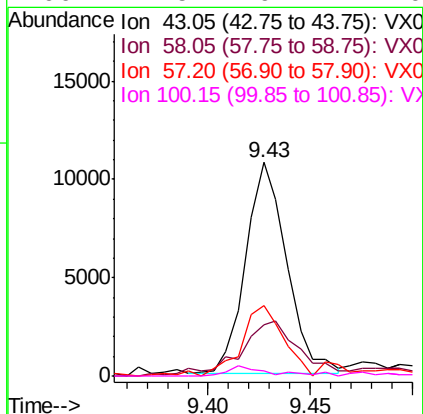
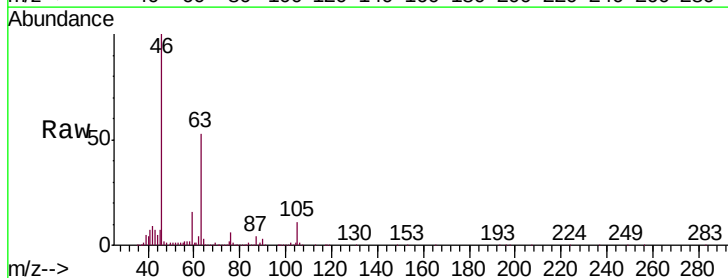
Instrument :
MSVOA_X
ClientSampleId :
BFZR1

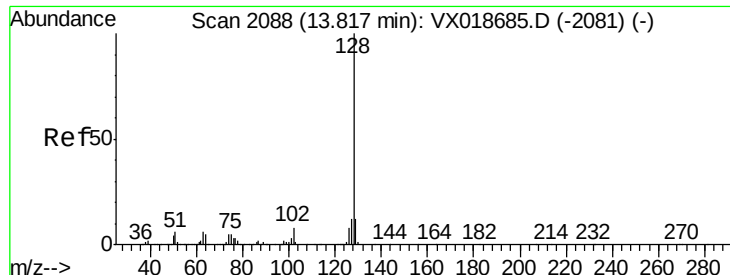
Tgt Ion: 83 Resp: 16665
Ion Ratio Lower Upper
83 100
55 2.1 67.4 101.0#
98 1.9 41.1 61.7#



#50
2-Hexanone
Concen: 3.658 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VX018708.D
Acq: 30 Sep 2020 19:37

Tgt Ion: 43 Resp: 14900
Ion Ratio Lower Upper
43 100
58 38.2 42.5 63.7#
57 34.9 15.9 23.9#
100 4.5 9.4 14.0#





#70

Naphthalene

Concen: 0.090 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018708.D

Acq: 30 Sep 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

BFZR1

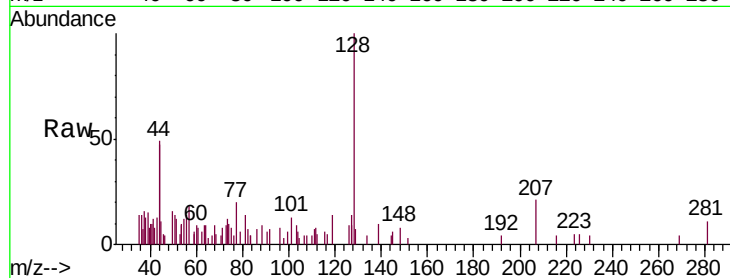
Tgt Ion:128 Resp: 1865

Ion Ratio Lower Upper

128 100

129 2.1 8.8 13.2#

127 0.0 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V

2000 Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

