

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100620\
 Data File : VX018799.D
 Acq On : 06 Oct 2020 15:07
 Operator : JC/SP
 Sample : L4283-03
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFZR5

Quant Time: Oct 07 01:33:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 07 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	137237	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	132016	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	60692	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	35215	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.70	69	32246	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.34	63	63936	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.54	46	130923	62.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.52%
24) Chloroform-d	5.14	84	95037	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	6.03	65	54391	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	6.05	84	173886	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	7.37	67	52096	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	8.70	98	154392	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
45) trans-1,3-Dichloropropene-	8.99	79	23619	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
48) 2-Hexanone-d5	9.43	63	104165	60.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.82%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	41725	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	63941	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

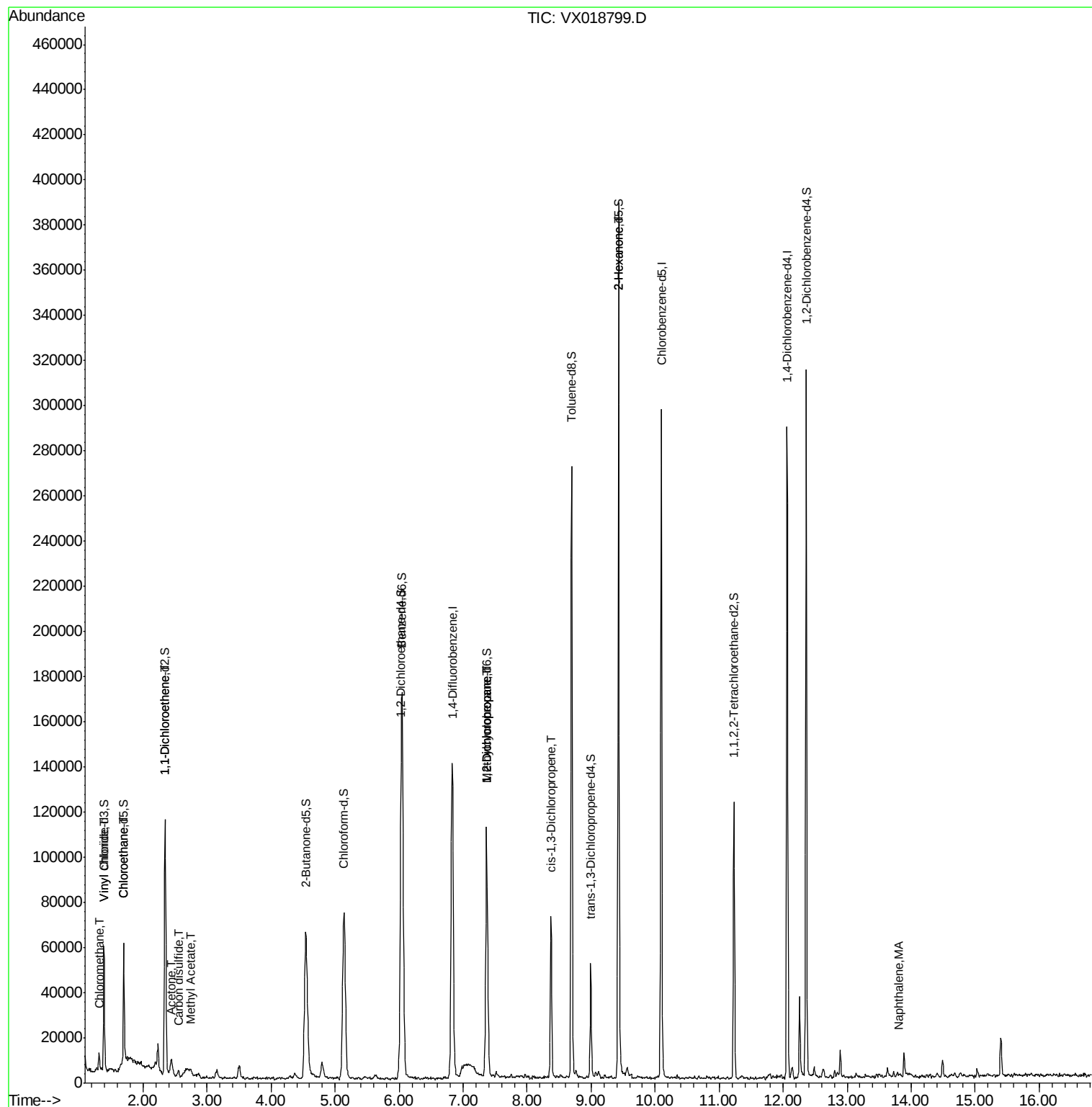
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	4658	0.702	ug/L	100
5) Vinyl chloride	1.39	62	426	0.058	ug/L #	1
8) Chloroethane	1.70	64	10282	2.289	ug/L #	56
12) 1,1-Dichloroethene	2.34	96	761	0.111	ug/L #	1
13) Acetone	2.45	43	13351	11.630	ug/L	98
14) Carbon disulfide	2.55	76	3603	0.168	ug/L #	92
15) Methyl Acetate	2.75	43	327	0.116	ug/L #	43
35) Methylcyclohexane	7.37	83	14601	1.262	ug/L #	20
37) 1,2-Dichloropropane	7.37	63	6830	0.986	ug/L #	83
39) cis-1,3-Dichloropropene	8.38	75	1848	0.167	ug/L #	71
50) 2-Hexanone	9.43	43	13924	4.778	ug/L #	69
70) Naphthalene	13.82	128	804	0.052	ug/L #	92

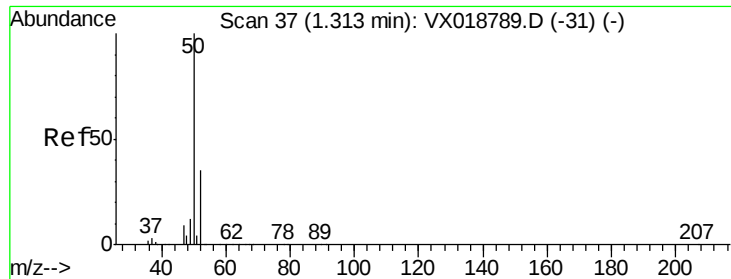
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.702 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018799.D

Acq: 06 Oct 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

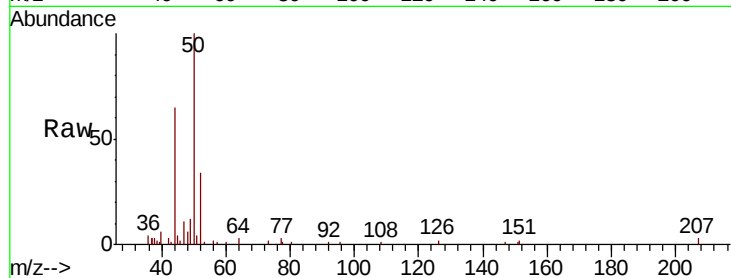
BFZR5

Tot Ion: 50 Resp: 4658

Ion Ratio Lower Upper

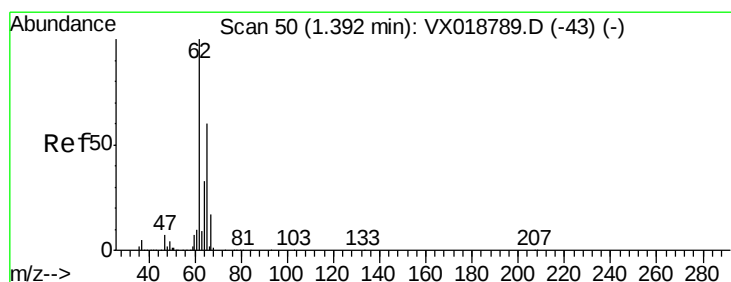
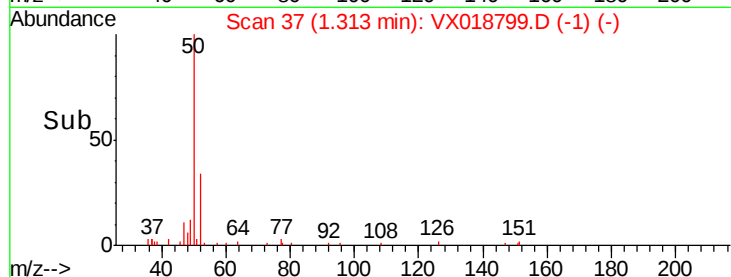
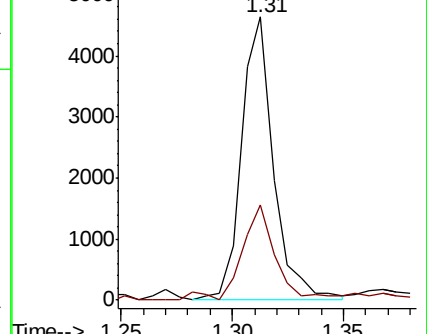
50 100

52 33.7 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#5

Vinyl chloride

Concen: 0.058 ug/L

RT: 1.39 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX018799.D

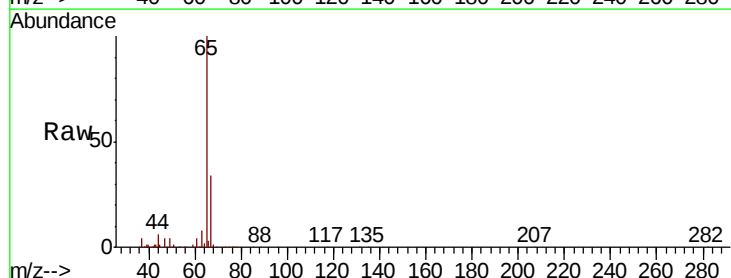
Acq: 06 Oct 2020 15:07

Tgt Ion: 62 Resp: 426

Ion Ratio Lower Upper

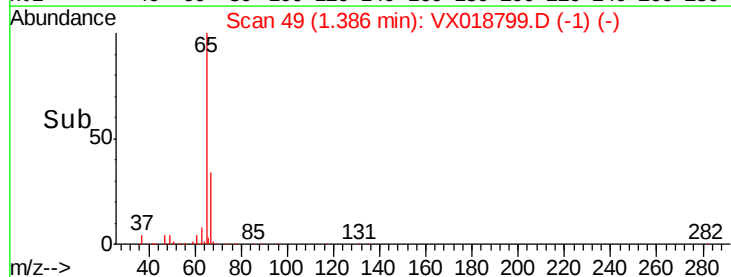
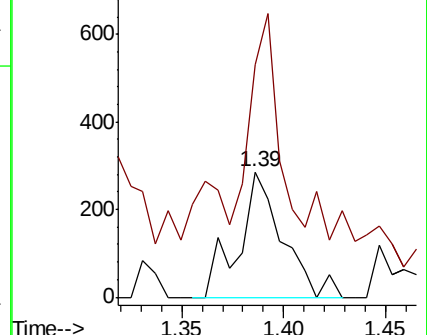
62 100

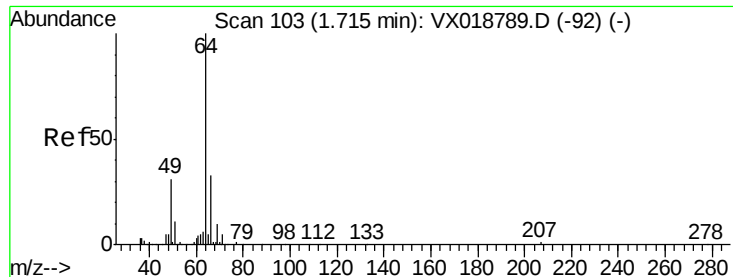
64 185.7 24.3 45.1#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0





#8

Chloroethane

Concen: 2.289 ug/L

RT: 1.70 min Scan# 100

Delta R.T. -0.02 min

Lab File: VX018799.D

Acq: 06 Oct 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

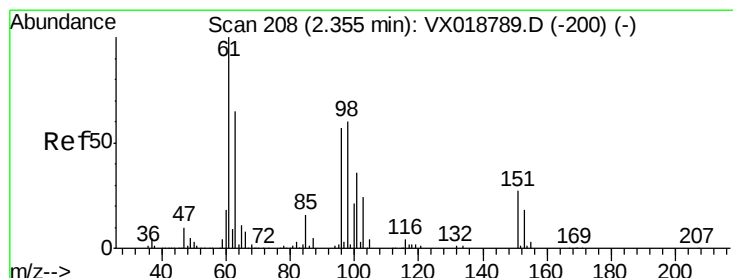
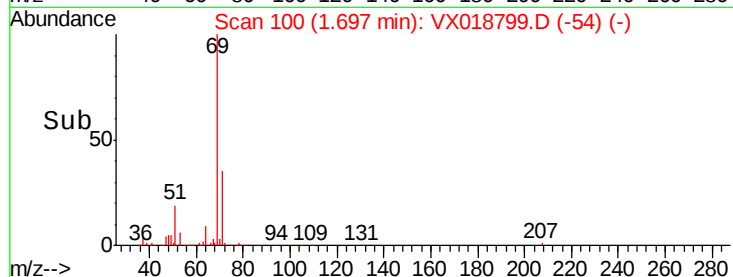
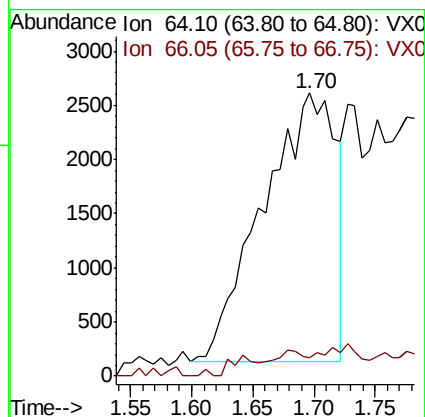
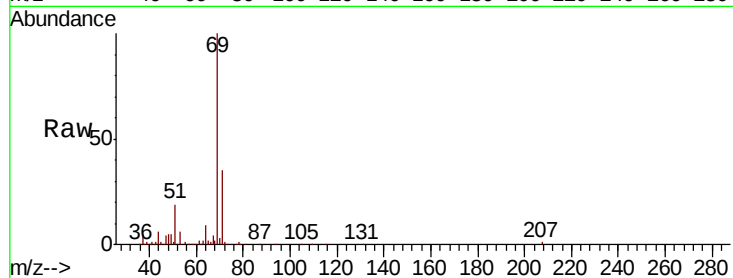
BFZR5

Tot Ion: 64 Resp: 10282

Ion Ratio Lower Upper

64 100

66 6.7 21.5 39.9#



#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX018799.D

Acq: 06 Oct 2020 15:07

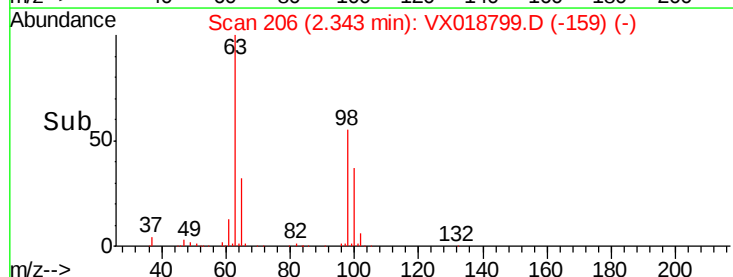
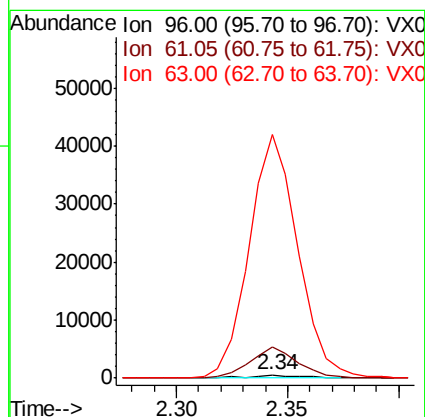
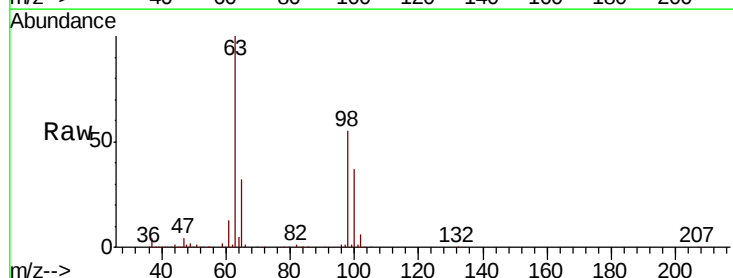
Tgt Ion: 96 Resp: 761

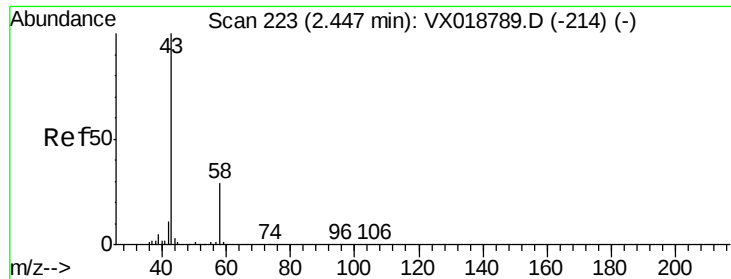
Ion Ratio Lower Upper

96 100

61 1049.8 133.2 247.4#

63 8200.0 115.1 213.7#





#13

Acetone

Concen: 11.630 ug/L

RT: 2.45 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX018799.D

Acq: 06 Oct 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

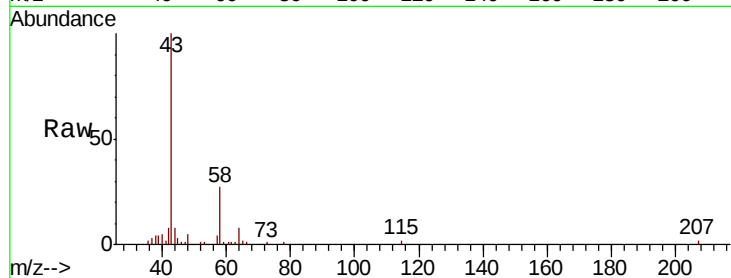
BFZR5

Tot Ion: 43 Resp: 13351

Ion Ratio Lower Upper

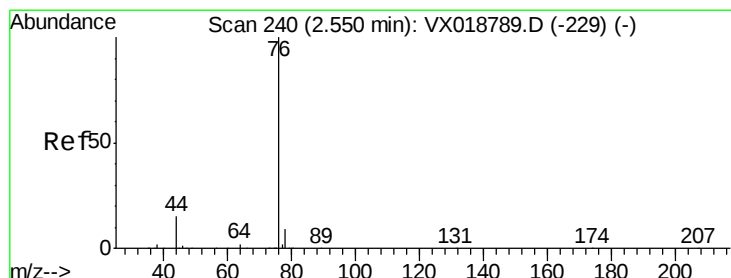
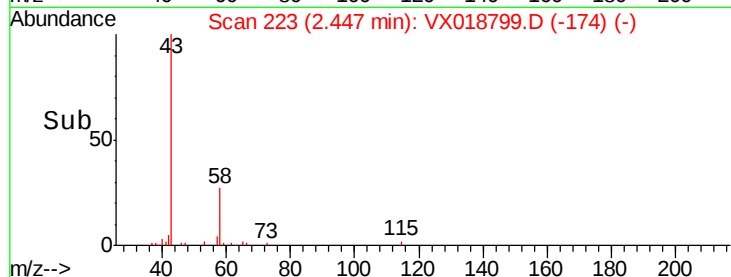
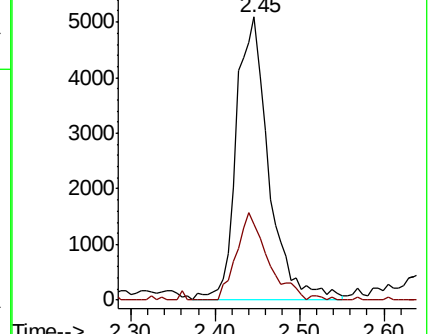
43 100

58 29.4 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 0.168 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018799.D

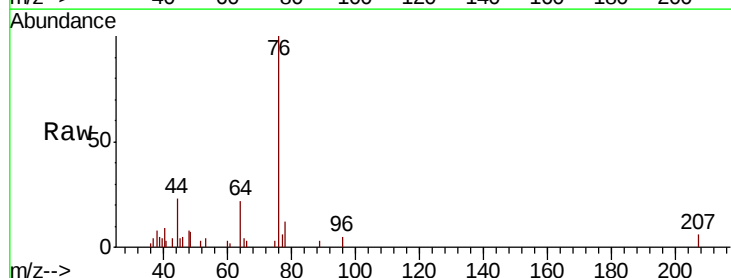
Acq: 06 Oct 2020 15:07

Tgt Ion: 76 Resp: 3603

Ion Ratio Lower Upper

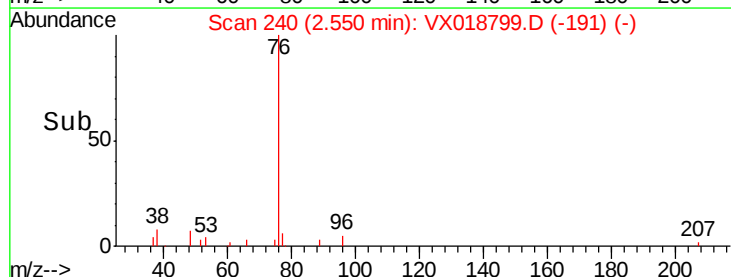
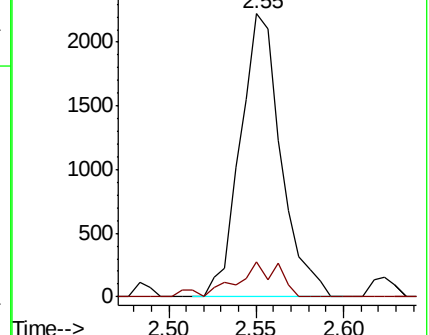
76 100

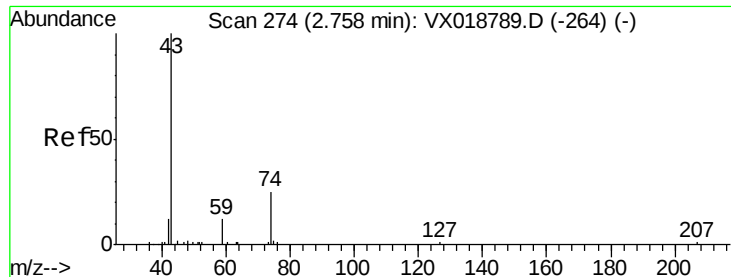
78 12.2 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

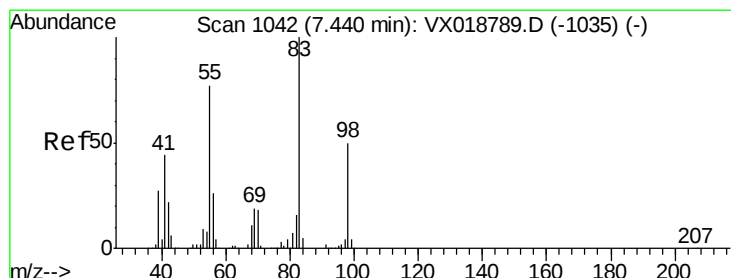
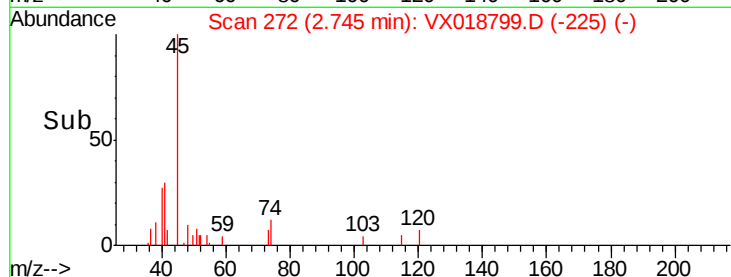
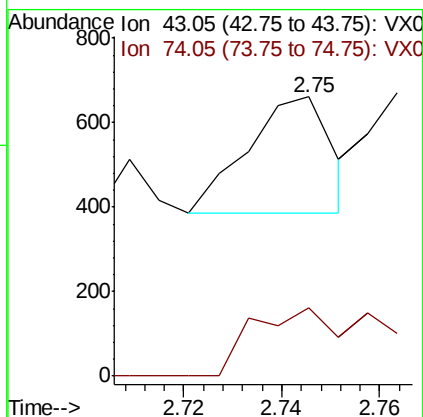
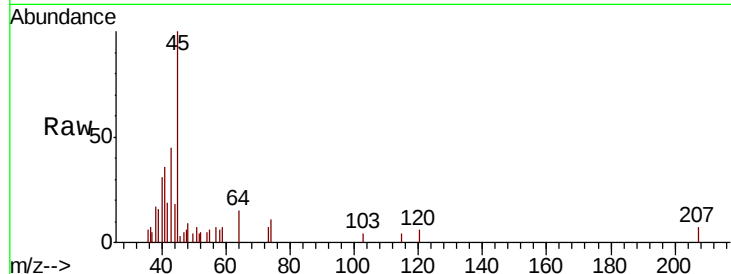




#15
Methyl Acetate
Concen: 0.116 ug/L
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018799.D
Acq: 06 Oct 2020 15:07

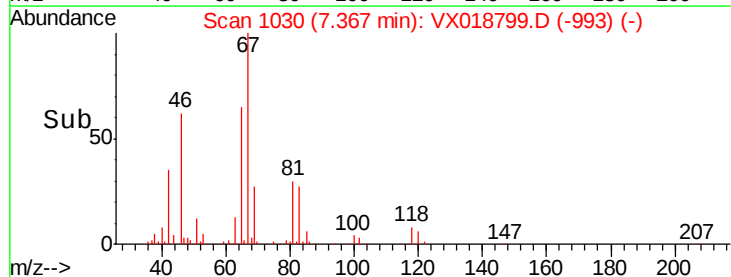
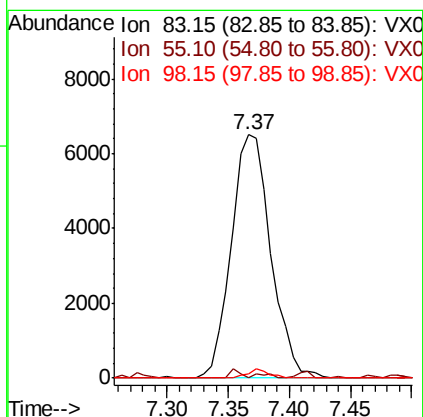
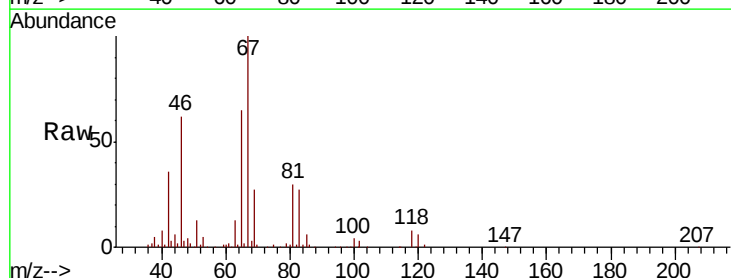
Instrument :
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BFZR5

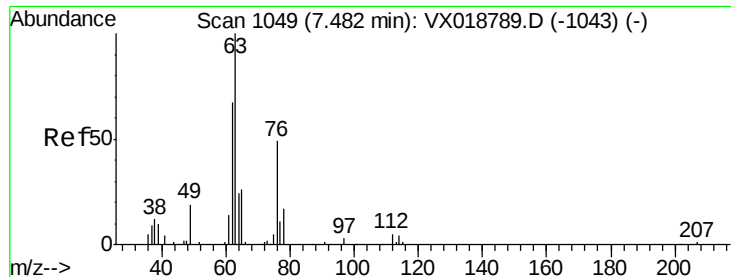
Tot Ion: 43 Resp: 327
Ion Ratio Lower Upper
43 100
74 57.2 21.9 32.9#



#35
Methylcyclohexane
Concen: 1.262 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018799.D
Acq: 06 Oct 2020 15:07

Tgt Ion: 83 Resp: 14601
Ion Ratio Lower Upper
83 100
55 0.8 60.3 90.5#
98 1.9 39.4 59.0#





#37

1,2-Dichloropropane

Concen: 0.986 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VX018799.D

Acq: 06 Oct 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

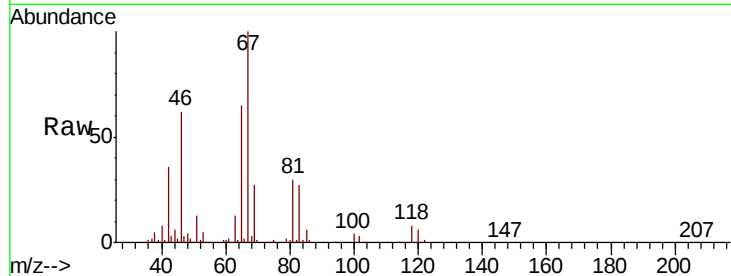
BFZR5

Tot Ion: 63 Resp: 6830

Ion Ratio Lower Upper

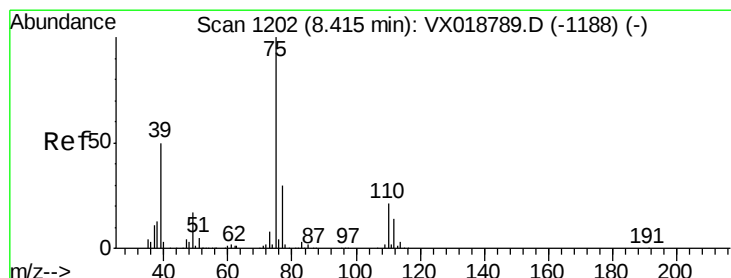
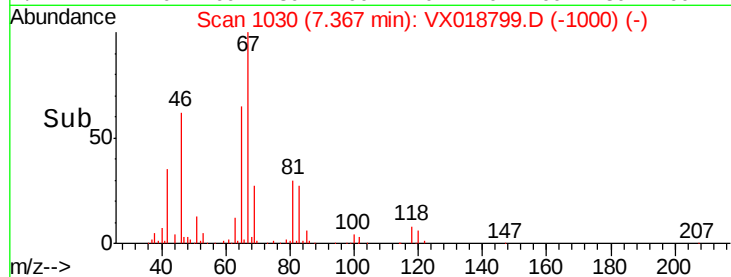
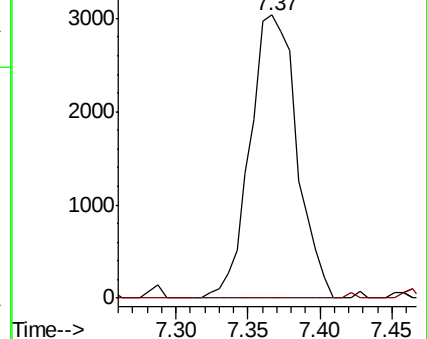
63 100

112 0.3 4.7 7.1#



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V



#39

cis-1,3-Dichloropropene

Concen: 0.167 ug/L

RT: 8.38 min Scan# 1196

Delta R.T. -0.04 min

Lab File: VX018799.D

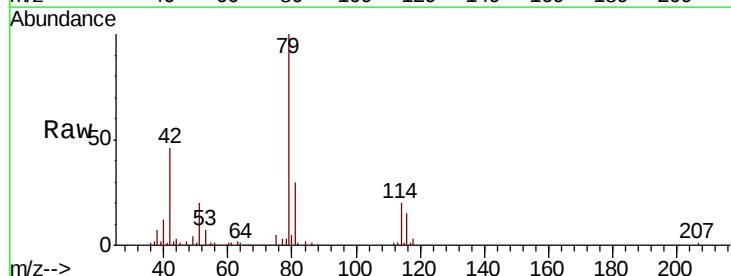
Acq: 06 Oct 2020 15:07

Tgt Ion: 75 Resp: 1848

Ion Ratio Lower Upper

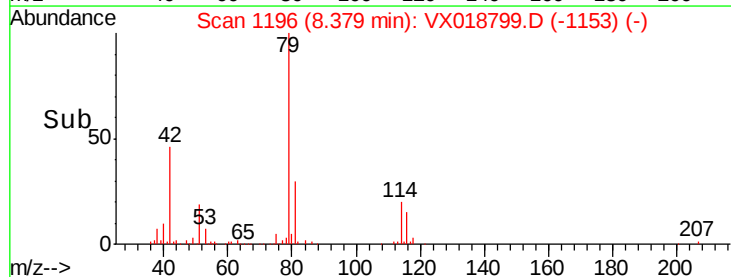
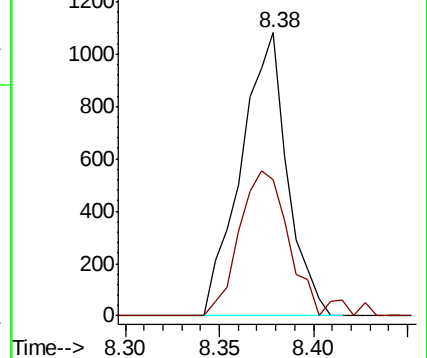
75 100

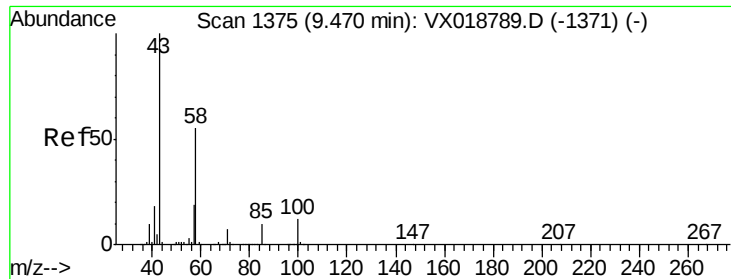
77 48.1 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

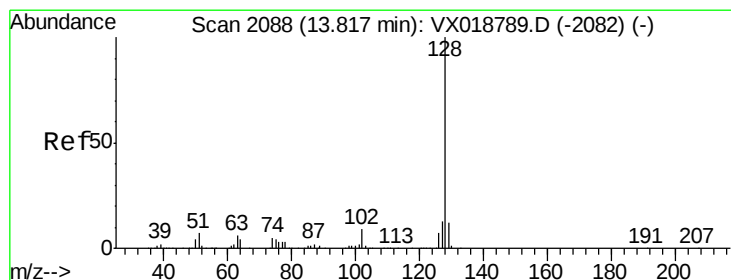
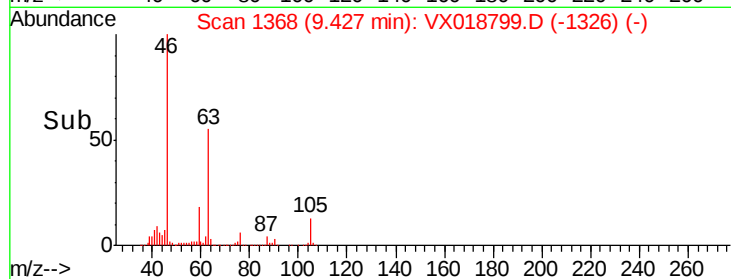
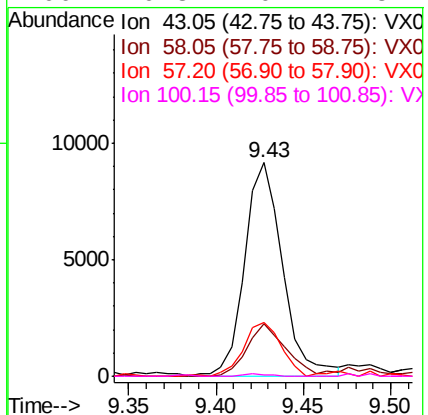
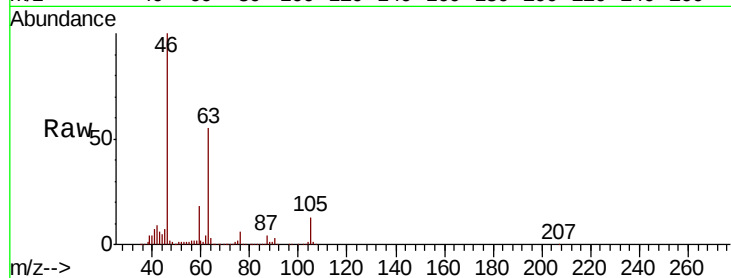




#50
2-Hexanone
Concen: 4.778 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.04 min
Lab File: VX018799.D
Acq: 06 Oct 2020 15:07

Instrument :
MSVOA_X
ClientSampled :
BFZR5

Tot Ion	Ratio	Lower	Upper
43	100		
58	24.6	41.0	61.4#
57	25.5	15.9	23.9#
100	0.8	10.1	15.1#



#70
Naphthalene
Concen: 0.052 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018799.D
Acq: 06 Oct 2020 15:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	5.2	9.0	13.4#
127	12.4	10.5	15.7

