

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
 Data File : VX018800.D
 Acq On : 06 Oct 2020 15:32
 Operator : JC/SP
 Sample : L4283-04
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFZR8

Quant Time: Oct 07 01:33:13 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	133417	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	130187	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	57640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	35163	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.70	69	31316	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.34	63	62115	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.55	46	129794	63.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.98%
24) Chloroform-d	5.14	84	93535	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	6.03	65	54431	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	6.05	84	168648	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	7.37	67	51282	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	8.70	98	150037	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
45) trans-1,3-Dichloropropene-	8.99	79	23806	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
48) 2-Hexanone-d5	9.43	63	104375	61.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.78%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	41353	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	62293	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

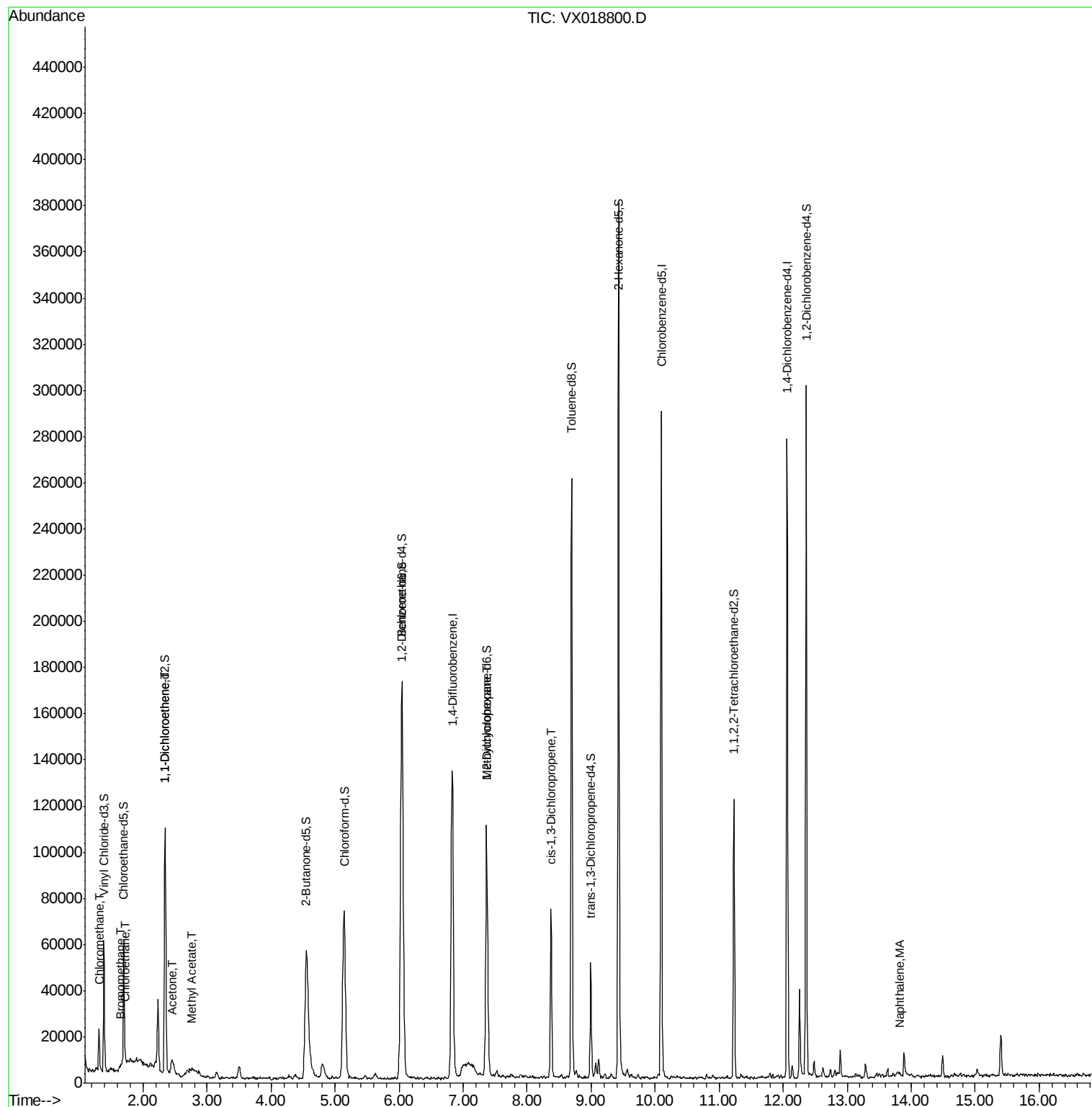
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	11461	1.776	ug/L	94
6) Bromomethane	1.66	94	681	0.160	ug/L #	55
8) Chloroethane	1.72	64	2990	0.685	ug/L #	44
12) 1,1-Dichloroethene	2.35	96	920	0.138	ug/L #	1
13) Acetone	2.45	43	16628	14.899	ug/L	97
15) Methyl Acetate	2.76	43	3085	1.125	ug/L #	58
35) Methylcyclohexane	7.37	83	13888	1.218	ug/L #	21
39) cis-1,3-Dichloropropene	8.37	75	1903	0.175	ug/L #	76
70) Naphthalene	13.82	128	931	0.064	ug/L #	88

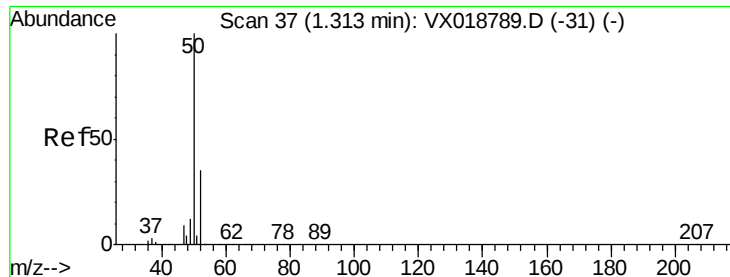
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 01:30:09 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.776 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018800.D

Acq: 06 Oct 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

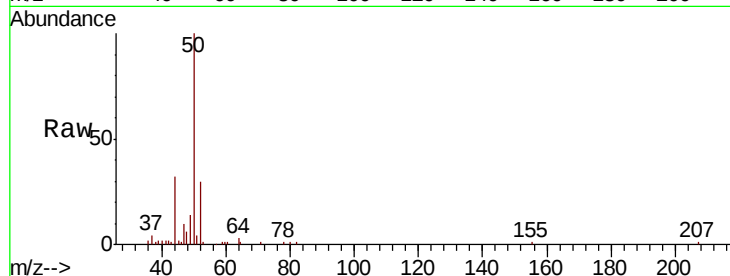
BFZR8

Tot Ion: 50 Resp: 11461

Ion Ratio Lower Upper

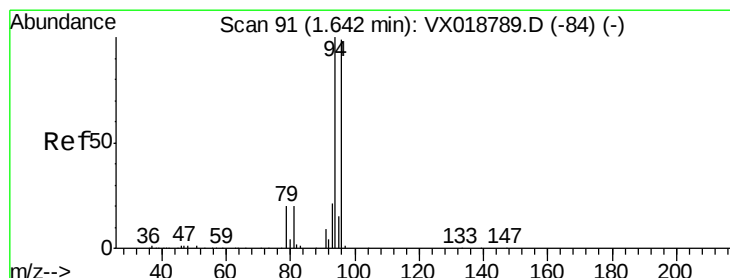
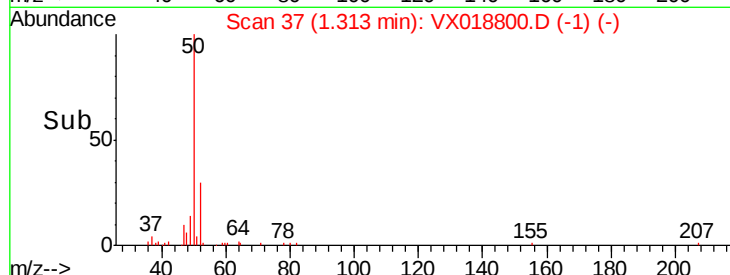
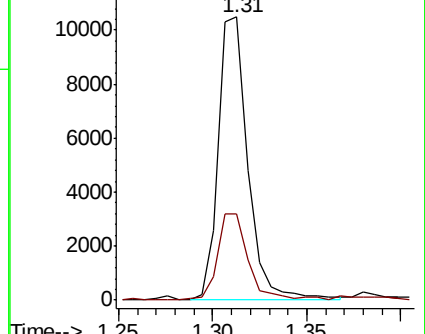
50 100

52 30.4 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#6

Bromomethane

Concen: 0.160 ug/L

RT: 1.66 min Scan# 94

Delta R.T. 0.02 min

Lab File: VX018800.D

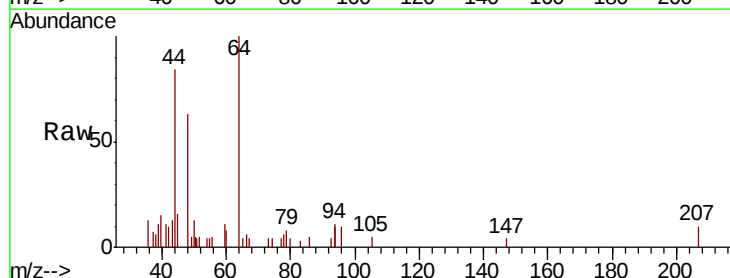
Acq: 06 Oct 2020 15:32

Tgt Ion: 94 Resp: 681

Ion Ratio Lower Upper

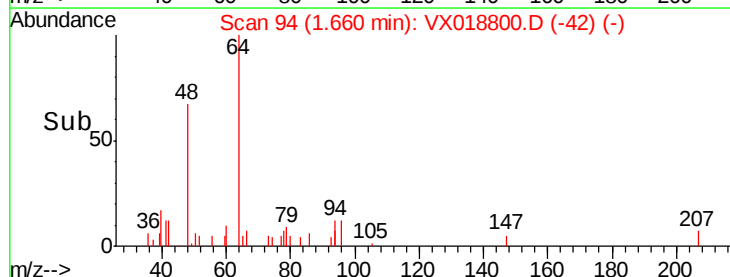
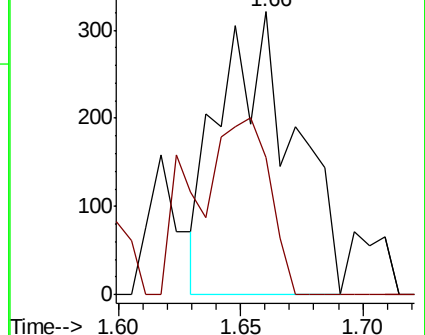
94 100

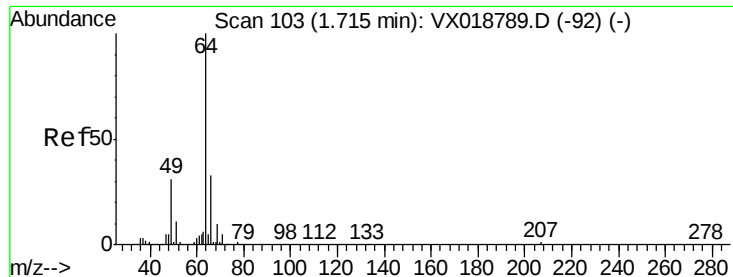
96 48.3 63.5 117.9#



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

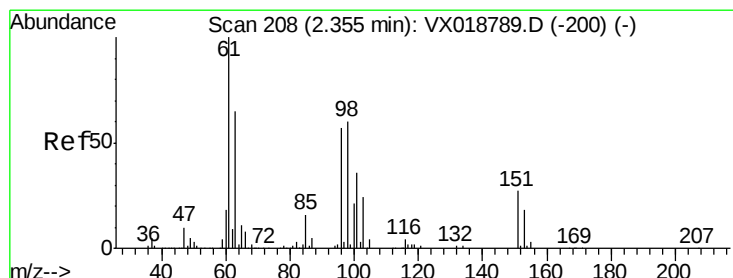
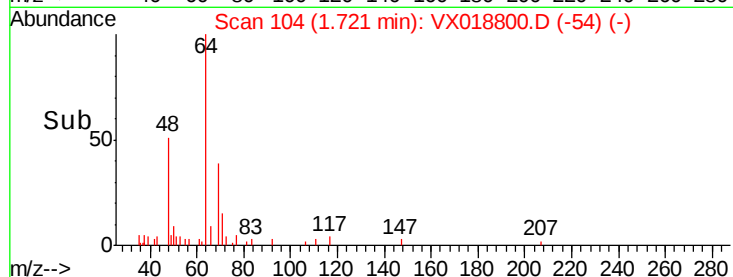
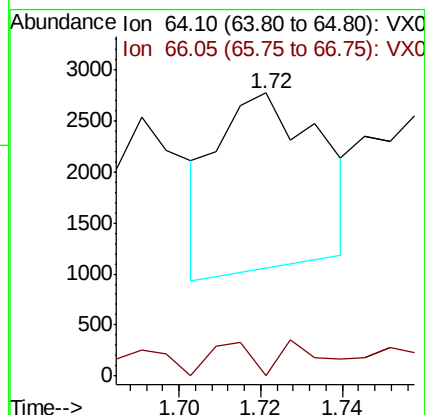
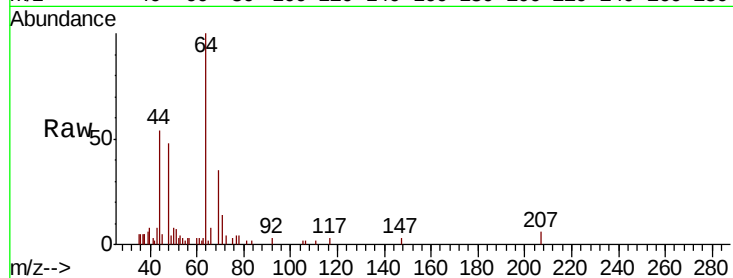




#8
Chloroethane
Concen: 0.685 ug/L
RT: 1.72 min Scan# 104
Delta R.T. 0.01 min
Lab File: VX018800.D
Acq: 06 Oct 2020 15:32

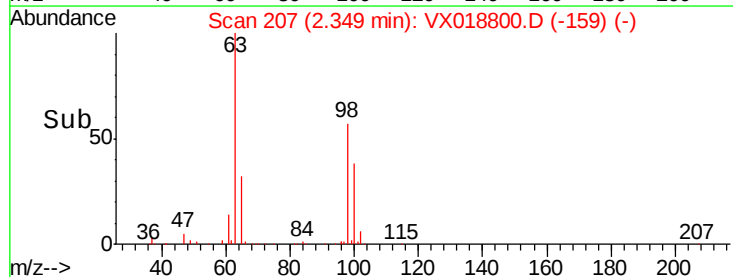
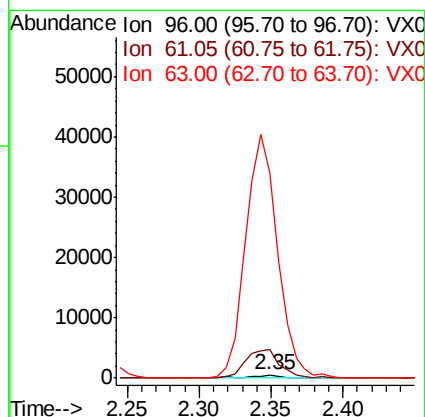
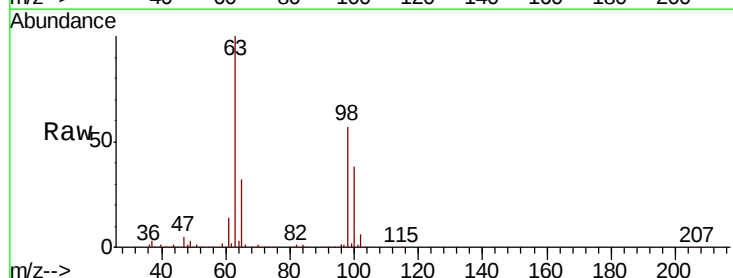
Instrument :
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ClientSampleId :
BFZR8

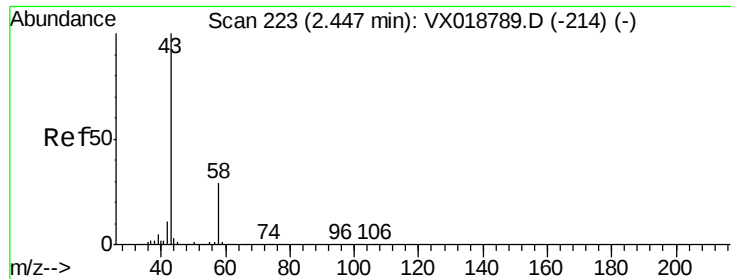
Tot Ion: 64 Resp: 2990
Ion Ratio Lower Upper
64 100
66 0.0 21.5 39.9#



#12
1,1-Dichloroethene
Concen: 0.138 ug/L
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018800.D
Acq: 06 Oct 2020 15:32

Tgt Ion: 96 Resp: 920
Ion Ratio Lower Upper
96 100
61 803.6 133.2 247.4#
63 5866.2 115.1 213.7#





#13

Acetone

Concen: 14.899 ug/L

RT: 2.45 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX018800.D

Acq: 06 Oct 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

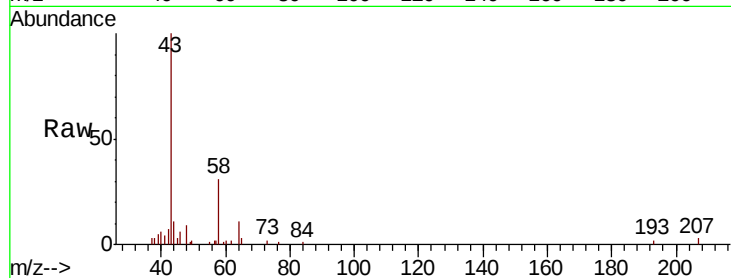
BFZR8

Tot Ion: 43 Resp: 16628

Ion Ratio Lower Upper

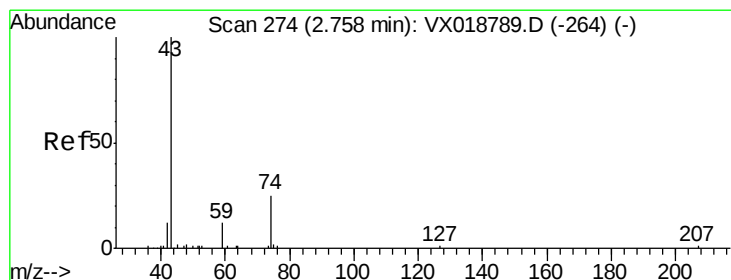
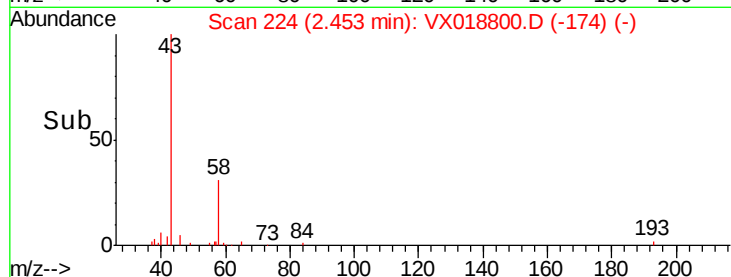
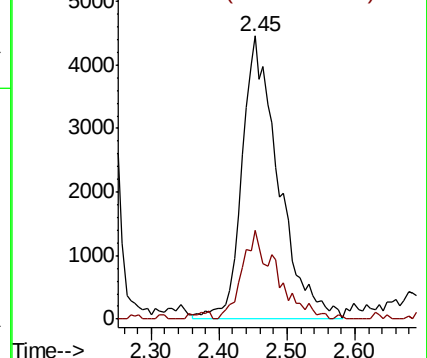
43 100

58 29.8 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#15

Methyl Acetate

Concen: 1.125 ug/L

RT: 2.76 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX018800.D

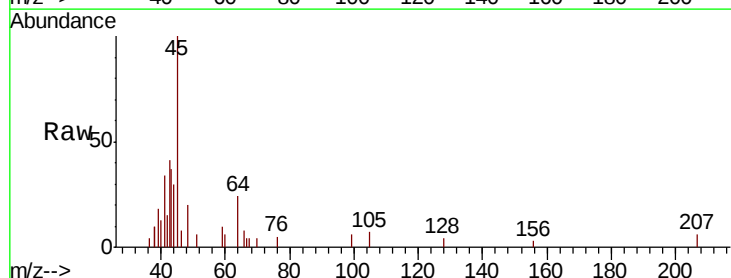
Acq: 06 Oct 2020 15:32

Tgt Ion: 43 Resp: 3085

Ion Ratio Lower Upper

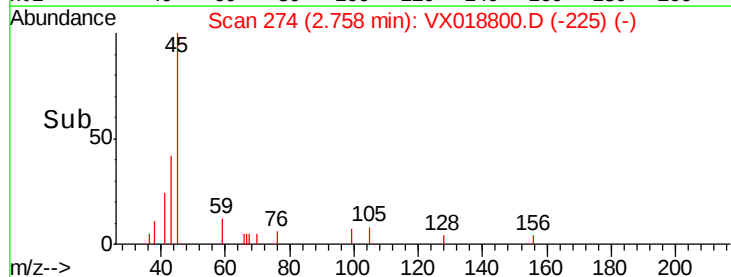
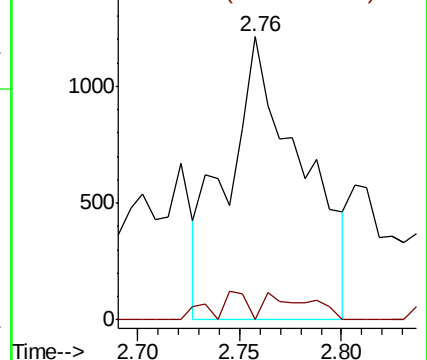
43 100

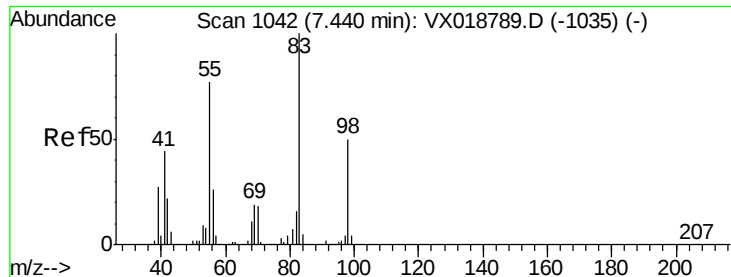
74 5.8 21.9 32.9#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0

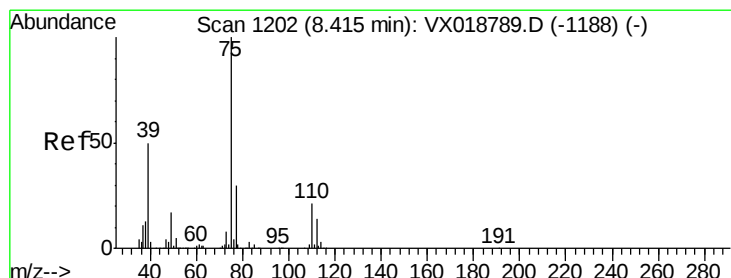
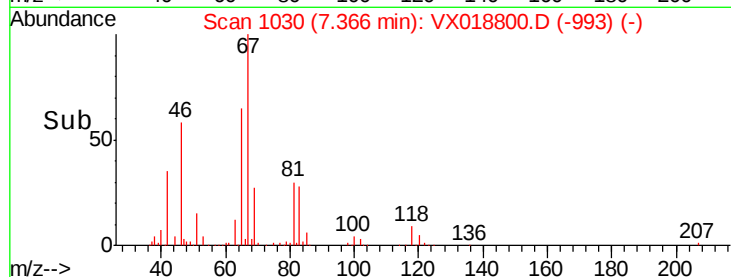
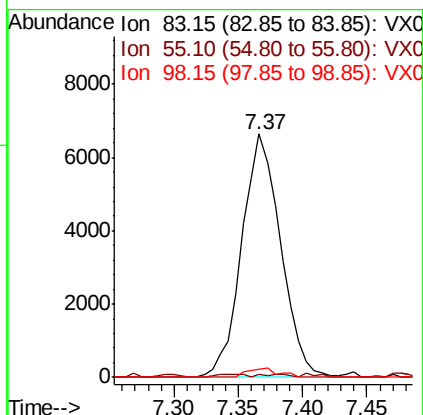
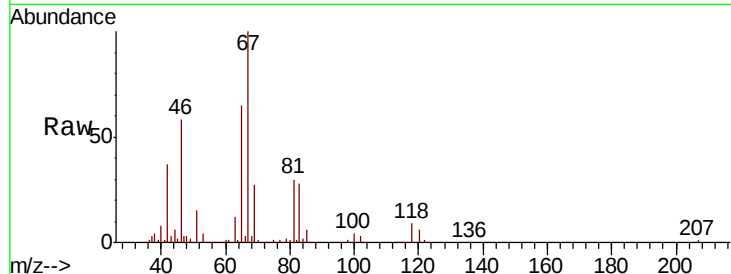




#35
Methvlcvclohexane
Concen: 1.218 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018800.D
Acq: 06 Oct 2020 15:32

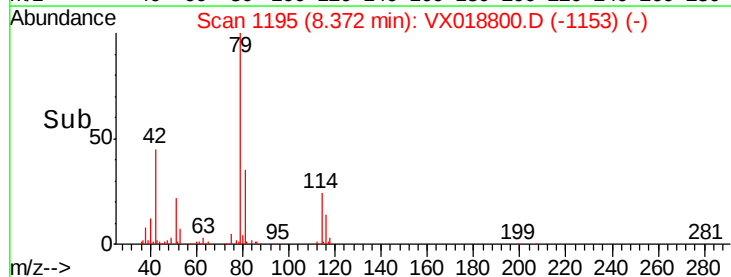
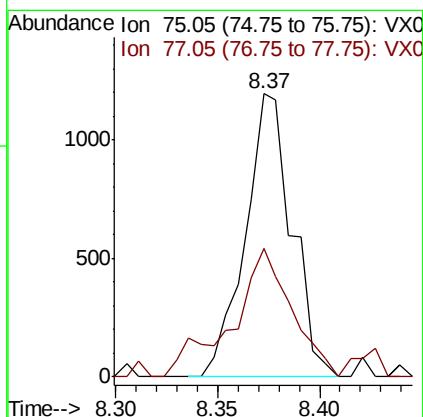
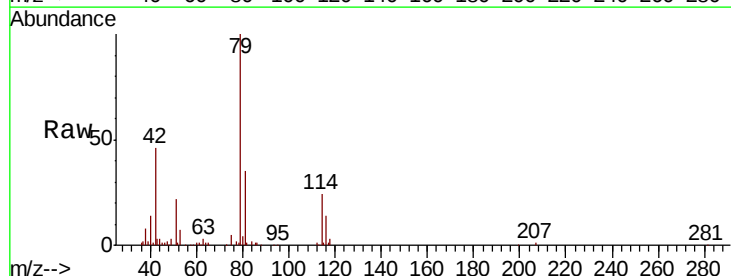
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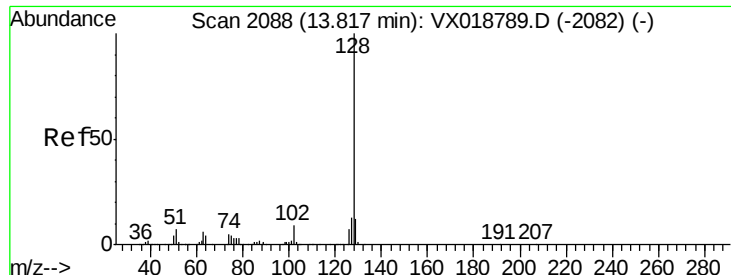
Tot Ion: 83 Resp: 13888
Ion Ratio Lower Upper
83 100
55 0.9 60.3 90.5#
98 3.0 39.4 59.0#



#39
cis-1,3-Dichloropropene
Concen: 0.175 ug/L
RT: 8.37 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VX018800.D
Acq: 06 Oct 2020 15:32

Tgt Ion: 75 Resp: 1903
Ion Ratio Lower Upper
75 100
77 45.2 22.5 41.7#





#70

Naphthalene

Concen: 0.064 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018800.D

Acq: 06 Oct 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

BFZR8

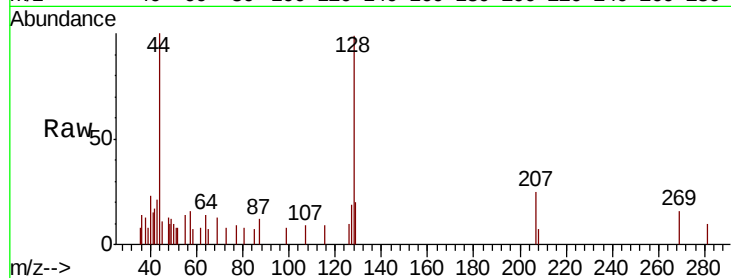
Tot Ion:128 Resp: 931

Ion Ratio Lower Upper

128 100

129 7.8 9.0 13.4#

127 19.1 10.5 15.7#



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

