

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100720\
 Data File : VX018818.D
 Acq On : 07 Oct 2020 18:06
 Operator : JC/SP
 Sample : IBLK
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK69

Quant Time: Oct 08 01:19:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 08 01:16:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	136540	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	129181	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	58308	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	35649	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.70	69	33915	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.34	63	66644	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.56	46	152336	72.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.64%#
24) Chloroform-d	5.14	84	100683	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	6.03	65	60881	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	6.04	84	176044	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	7.37	67	57385	6.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.60%
41) Toluene-d8	8.70	98	154985	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
45) trans-1,3-Dichloropropene-	8.99	79	24756	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
48) 2-Hexanone-d5	9.43	63	118140	70.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	141.20%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	46957	6.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.40%#
65) 1,2-Dichlorobenzene-d4	12.36	152	62926	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

Target Compounds

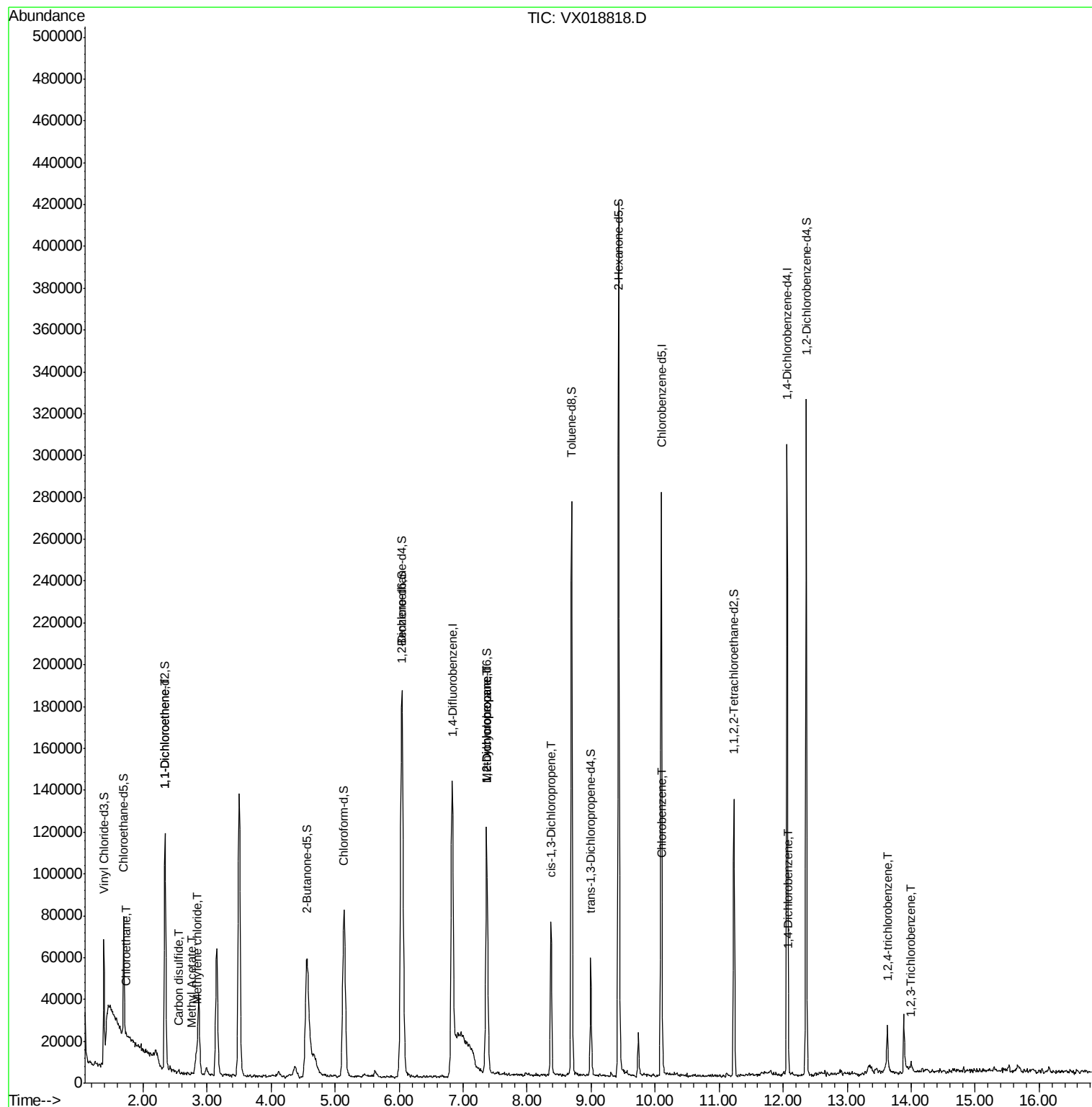
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.73	64	1122	0.251	ug/L #	52
12) 1,1-Dichloroethene	2.34	96	759	0.112	ug/L #	1
14) Carbon disulfide	2.54	76	2146	0.101	ug/L #	94
15) Methyl Acetate	2.76	43	1303	0.464	ug/L #	66
16) Methylene chloride	2.84	84	3904	0.473	ug/L	85
35) Methylcyclohexane	7.37	83	15352	1.356	ug/L #	20
37) 1,2-Dichloropropane	7.37	63	7329	1.081	ug/L #	84
39) cis-1,3-Dichloropropene	8.37	75	1959	0.181	ug/L #	14
53) Chlorobenzene	10.12	112	1467	0.072	ug/L	94
64) 1,4-Dichlorobenzene	12.09	146	1520	0.108	ug/L #	69
69) 1,2,4-trichlorobenzene	13.63	180	7152	0.790	ug/L	96
71) 1,2,3-Trichlorobenzene	14.00	180	1354	0.166	ug/L	94

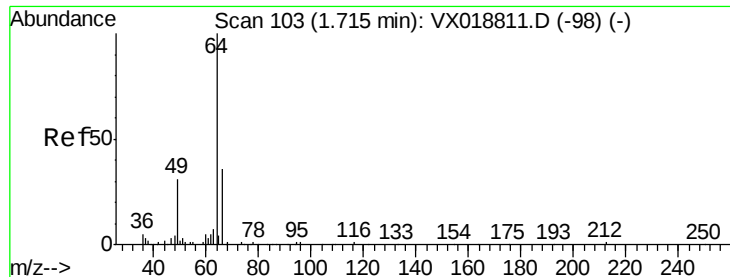
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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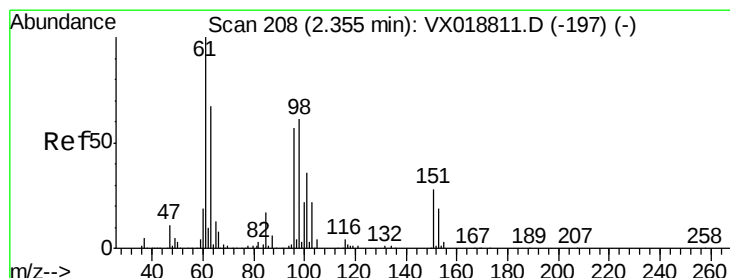
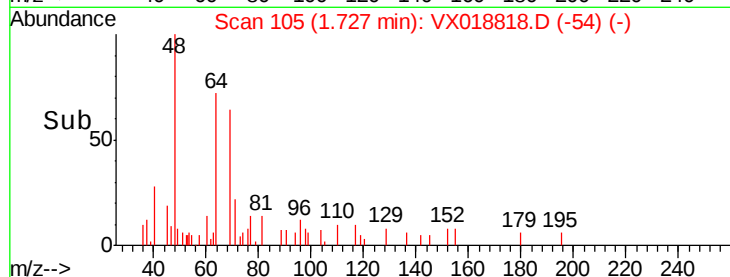
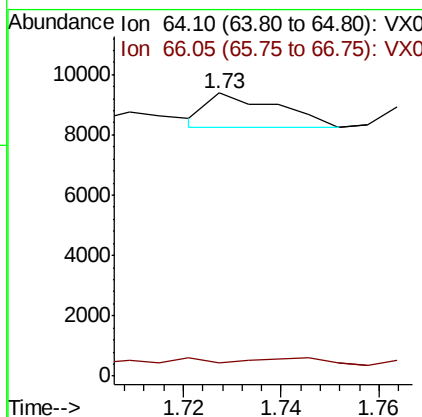
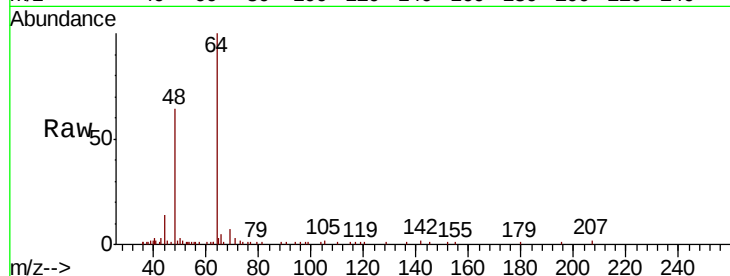




#8
Chloroethane
Concen: 0.251 ug/L
RT: 1.73 min Scan# 105
Delta R.T. 0.01 min
Lab File: VX018818.D
Acq: 07 Oct 2020 18:06

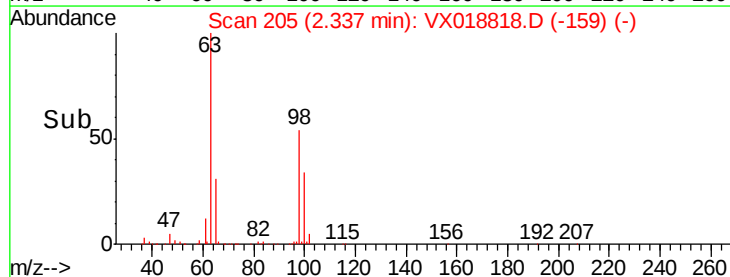
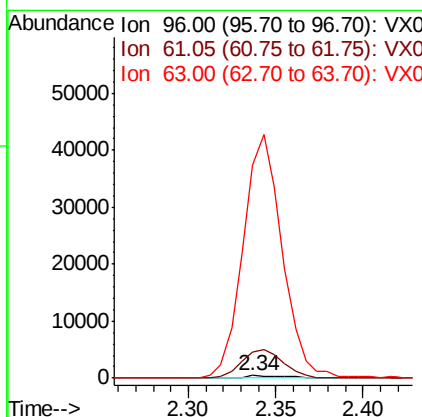
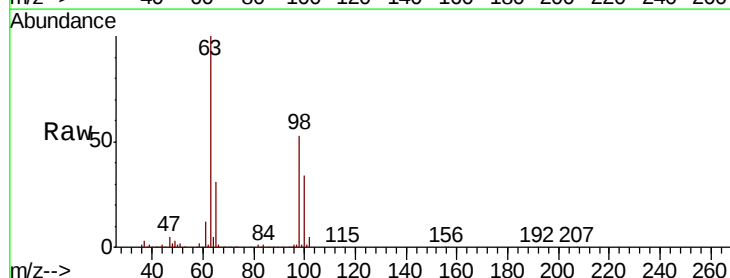
Instrument :
MSVOA_X
ClientSampleId :
VIBLK69

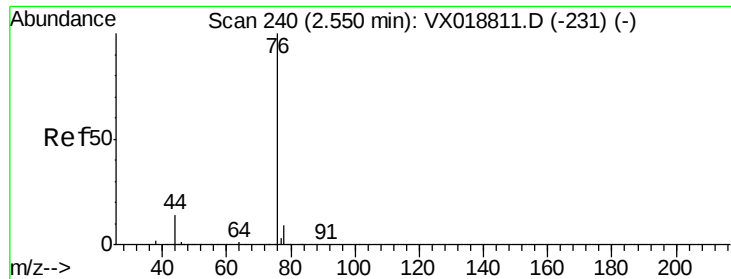
Tot Ion: 64 Resp: 1122
Ion Ratio Lower Upper
64 100
66 4.6 21.5 39.9#



#12
1,1-Dichloroethene
Concen: 0.112 ug/L
RT: 2.34 min Scan# 205
Delta R.T. -0.02 min
Lab File: VX018818.D
Acq: 07 Oct 2020 18:06

Tgt Ion: 96 Resp: 759
Ion Ratio Lower Upper
96 100
61 1023.7 133.2 247.4#
63 8365.1 115.1 213.7#





#14

Carbon disulfide

Concen: 0.101 ug/L

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018818.D

Acq: 07 Oct 2020 18:06

Instrument :

MSVOA_X

ClientSampled :

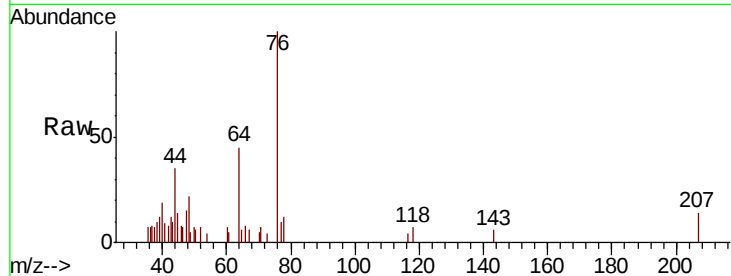
VIBLK69

Tot Ion: 76 Resp: 2146

Ion Ratio Lower Upper

76 100

78 11.5 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

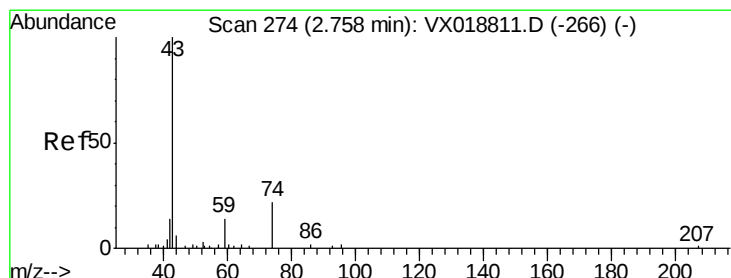
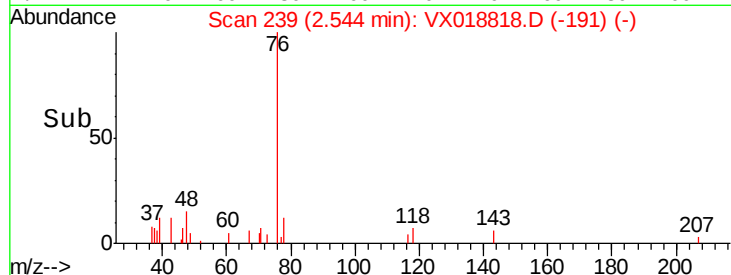
2.54

1000

500

0

Time-->



#15

Methyl Acetate

Concen: 0.464 ug/L

RT: 2.76 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX018818.D

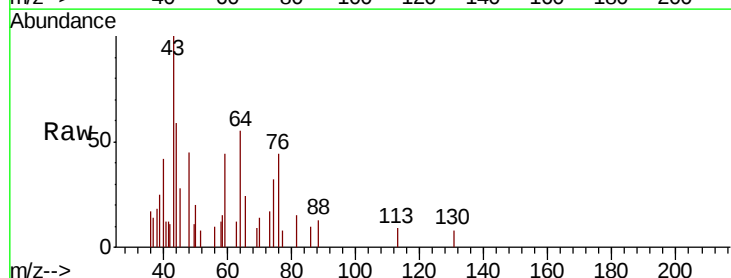
Acq: 07 Oct 2020 18:06

Tgt Ion: 43 Resp: 1303

Ion Ratio Lower Upper

43 100

74 45.2 21.9 32.9#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0

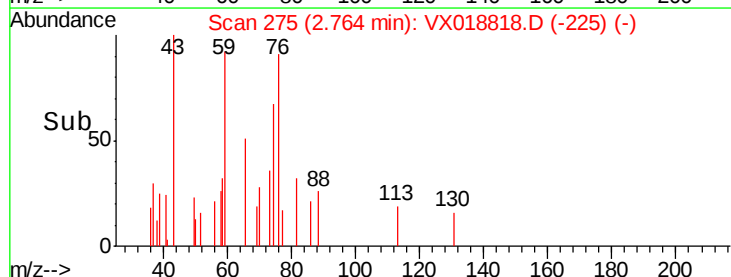
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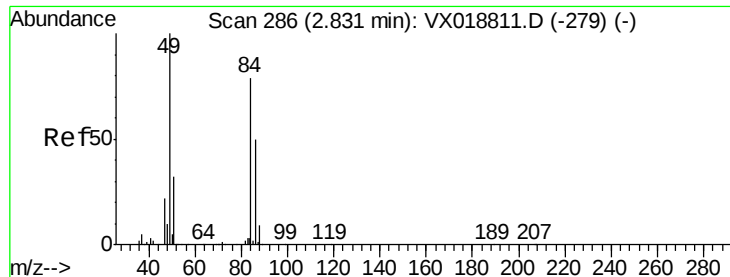
1000

500

0

Time-->

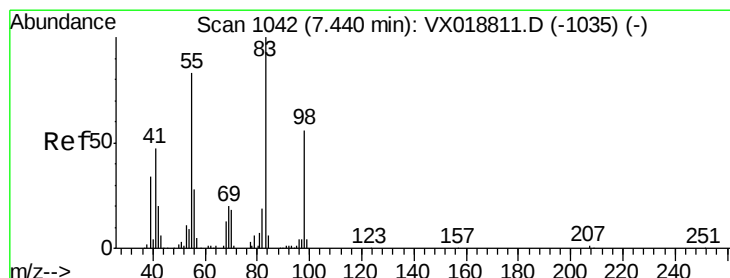
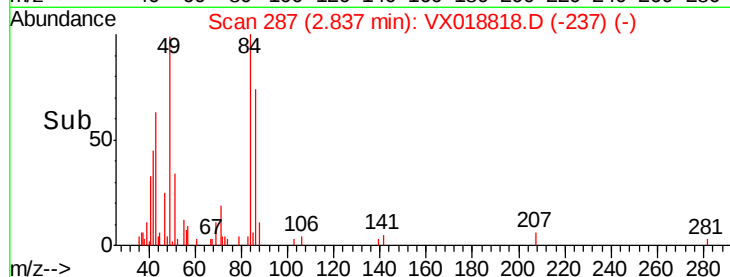
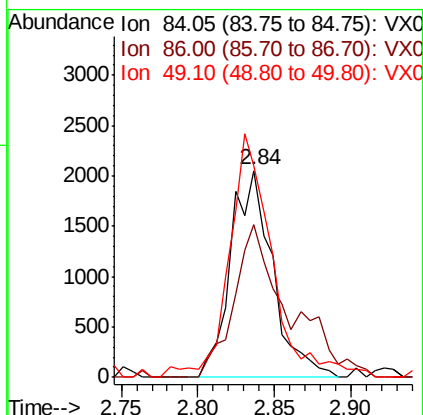
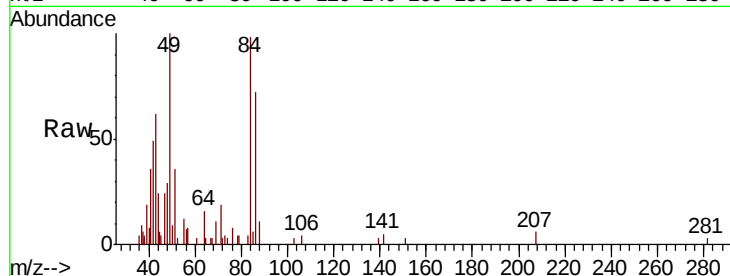




#16
Methvlene chloride
Concen: 0.473 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018818.D
Acq: 07 Oct 2020 18:06

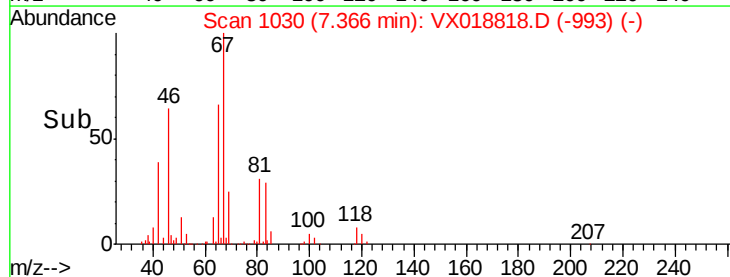
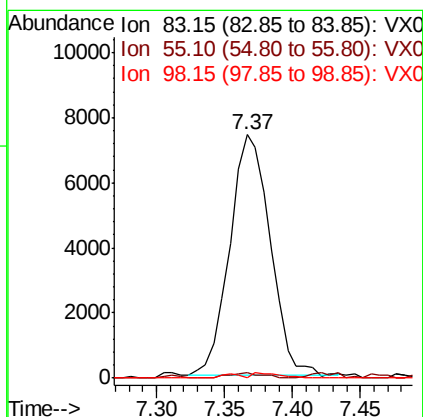
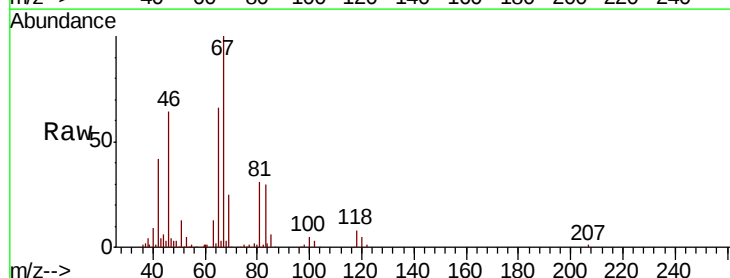
Instrument :
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VIBLK69

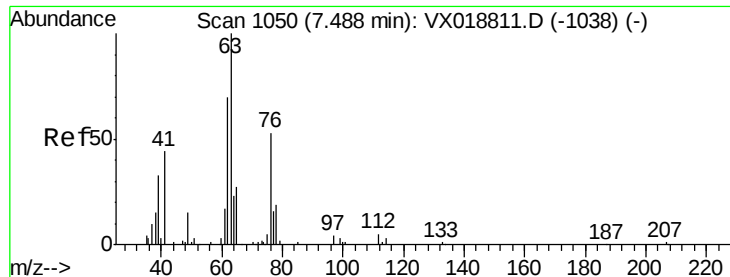
Tot Ion: 84 Resp: 3904
Ion Ratio Lower Upper
84 100
86 73.7 45.6 84.8
49 102.4 85.8 159.3



#35
Methylcyclohexane
Concen: 1.356 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018818.D
Acq: 07 Oct 2020 18:06

Tgt Ion: 83 Resp: 15352
Ion Ratio Lower Upper
83 100
55 1.8 60.3 90.5#
98 1.5 39.4 59.0#





#37

1,2-Dichloropropane

Concen: 1.081 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VX018818.D

Acq: 07 Oct 2020 18:06

Instrument :

MSVOA_X

ClientSampleId :

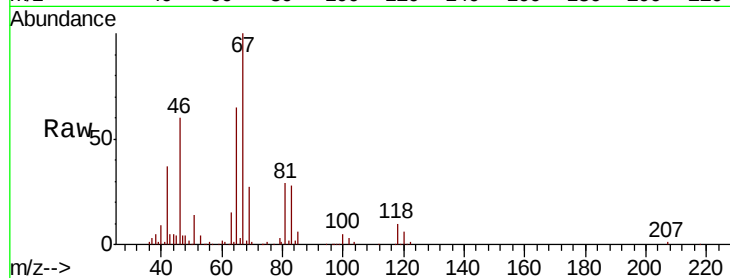
VIBLK69

Tot Ion: 63 Resp: 7329

Ion Ratio Lower Upper

63 100

112 0.6 4.7 7.1#



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V

7.37

4000

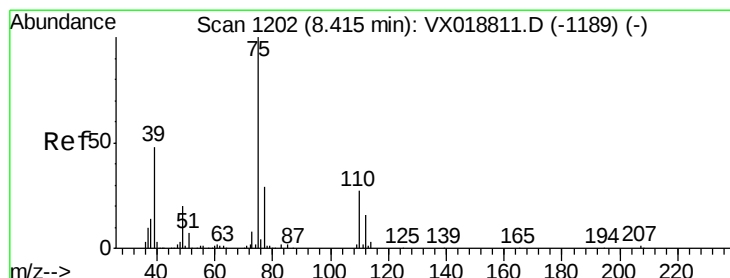
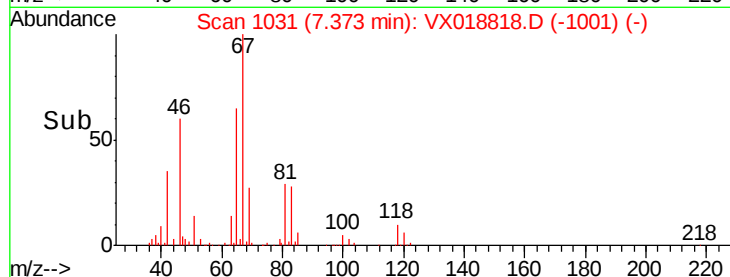
3000

2000

1000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.181 ug/L

RT: 8.37 min Scan# 1195

Delta R.T. -0.04 min

Lab File: VX018818.D

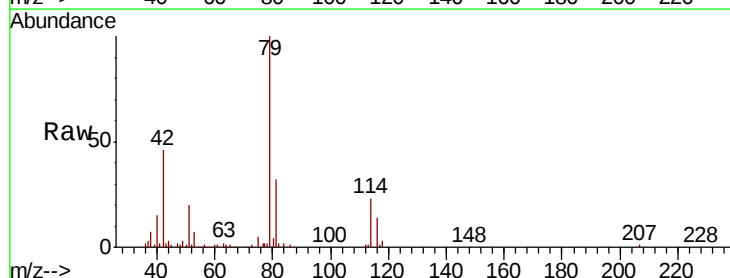
Acq: 07 Oct 2020 18:06

Tgt Ion: 75 Resp: 1959

Ion Ratio Lower Upper

75 100

77 80.2 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

8.37

1200

1000

800

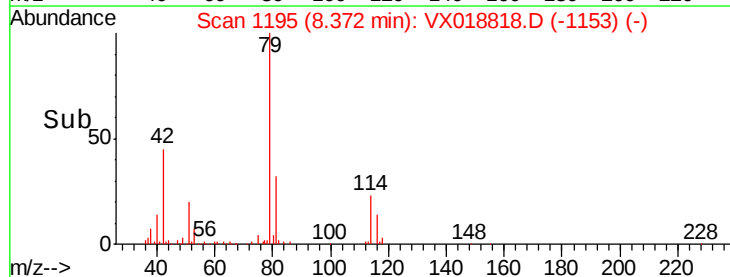
600

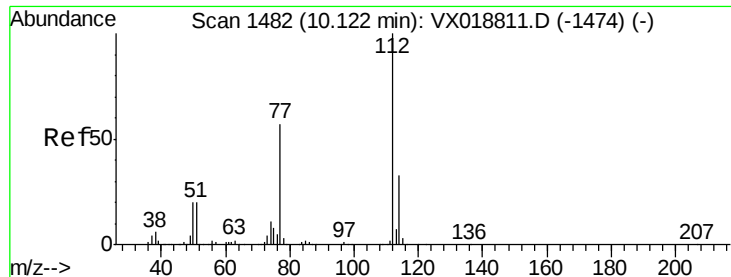
400

200

0

Time-->

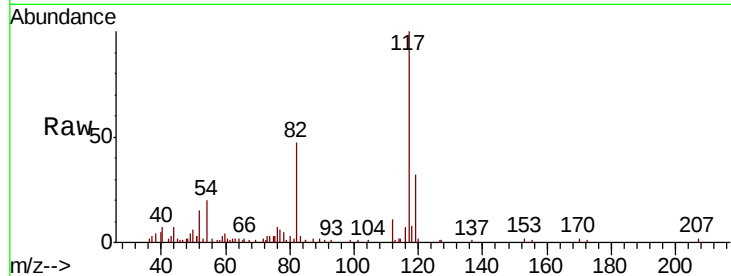




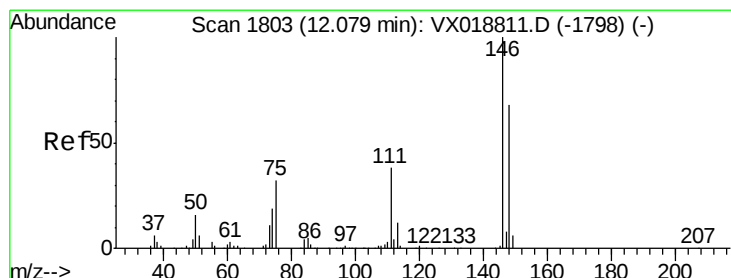
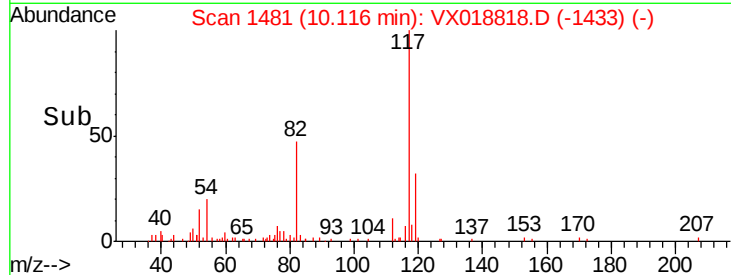
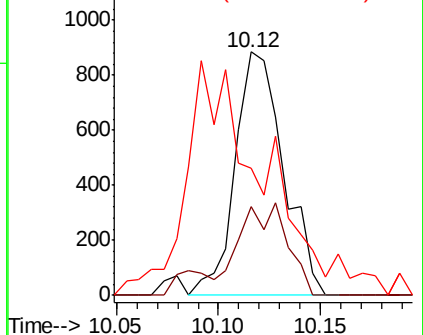
#53
Chlorobenzene
Concen: 0.072 ug/L
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX018818.D
Acq: 07 Oct 2020 18:06

Instrument :
MSVOA_X
ClientSampleId :
VIBLK69

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.0	21.3	39.5
77	48.6	42.4	63.6

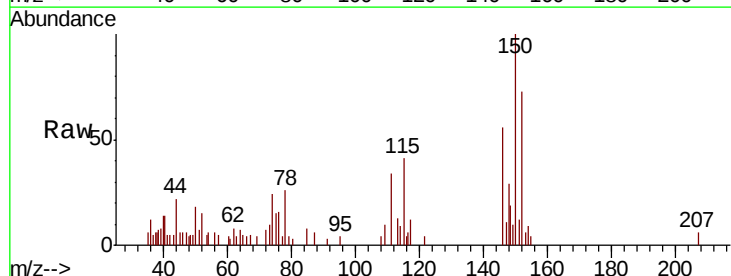


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

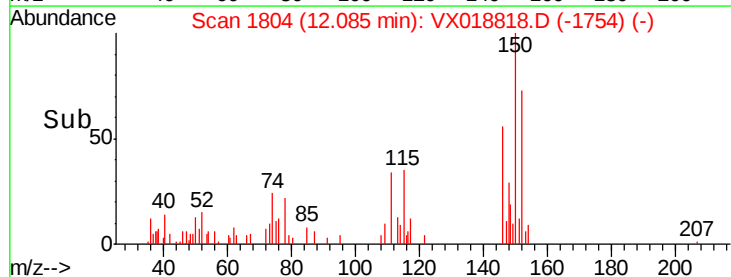
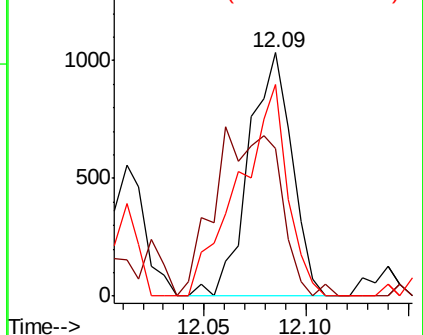


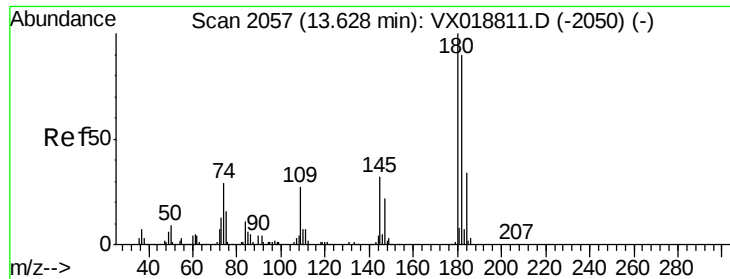
#64
1,4-Dichlorobenzene
Concen: 0.108 ug/L
RT: 12.09 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VX018818.D
Acq: 07 Oct 2020 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	60.8	28.6	53.2#
148	87.0	44.2	82.0#



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

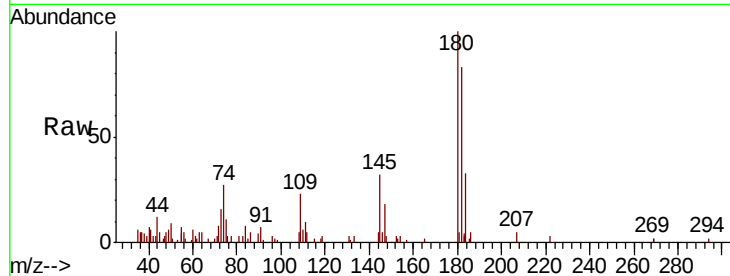




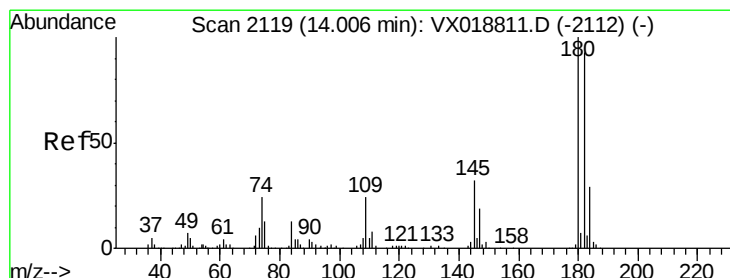
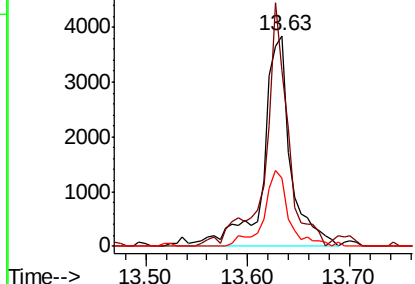
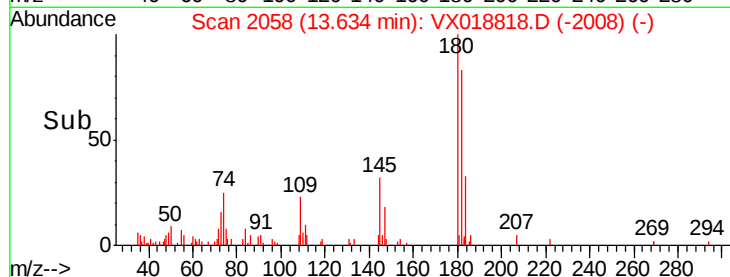
#69
 1,2,4-trichlorobenzene
 Concen: 0.790 ug/L
 RT: 13.63 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: VX018818.D
 Acq: 07 Oct 2020 18:06

Instrument :
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Tot Ion:180 Resp: 7152
 Ion Ratio Lower Upper
 180 100
 182 95.4 80.2 120.4
 145 32.9 25.2 37.8

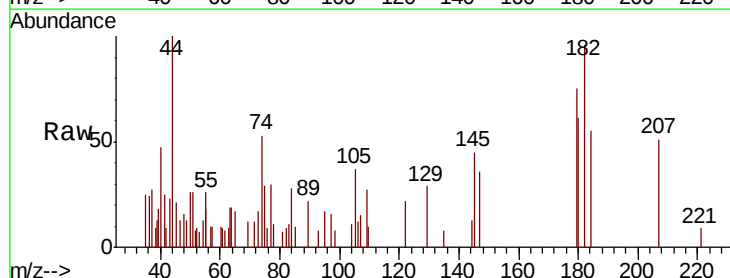


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#71
 1,2,3-Trichlorobenzene
 Concen: 0.166 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX018818.D
 Acq: 07 Oct 2020 18:06

Tgt Ion:180 Resp: 1354
 Ion Ratio Lower Upper
 180 100
 182 86.2 73.6 110.4
 145 37.3 26.6 40.0



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

