

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100220\
 Data File : VX018744.D
 Acq On : 02 Oct 2020 13:35
 Operator : JC/SP
 Sample : VX1002WBL01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK77

Quant Time: Oct 03 05:20:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 14:11:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	220436	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	209545	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	101831	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52907	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.70	69	41682	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.34	63	97751	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.56	46	152224	45.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.14%
24) Chloroform-d	5.14	84	126964	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	6.03	65	78812	4.14	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
32) Benzene-d6	6.04	84	222252	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	7.37	67	64300	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	8.70	98	204315	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
45) trans-1,3-Dichloropropene-	8.99	79	31211	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
48) 2-Hexanone-d5	9.43	63	117239	43.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.38%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	52166	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	82942	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

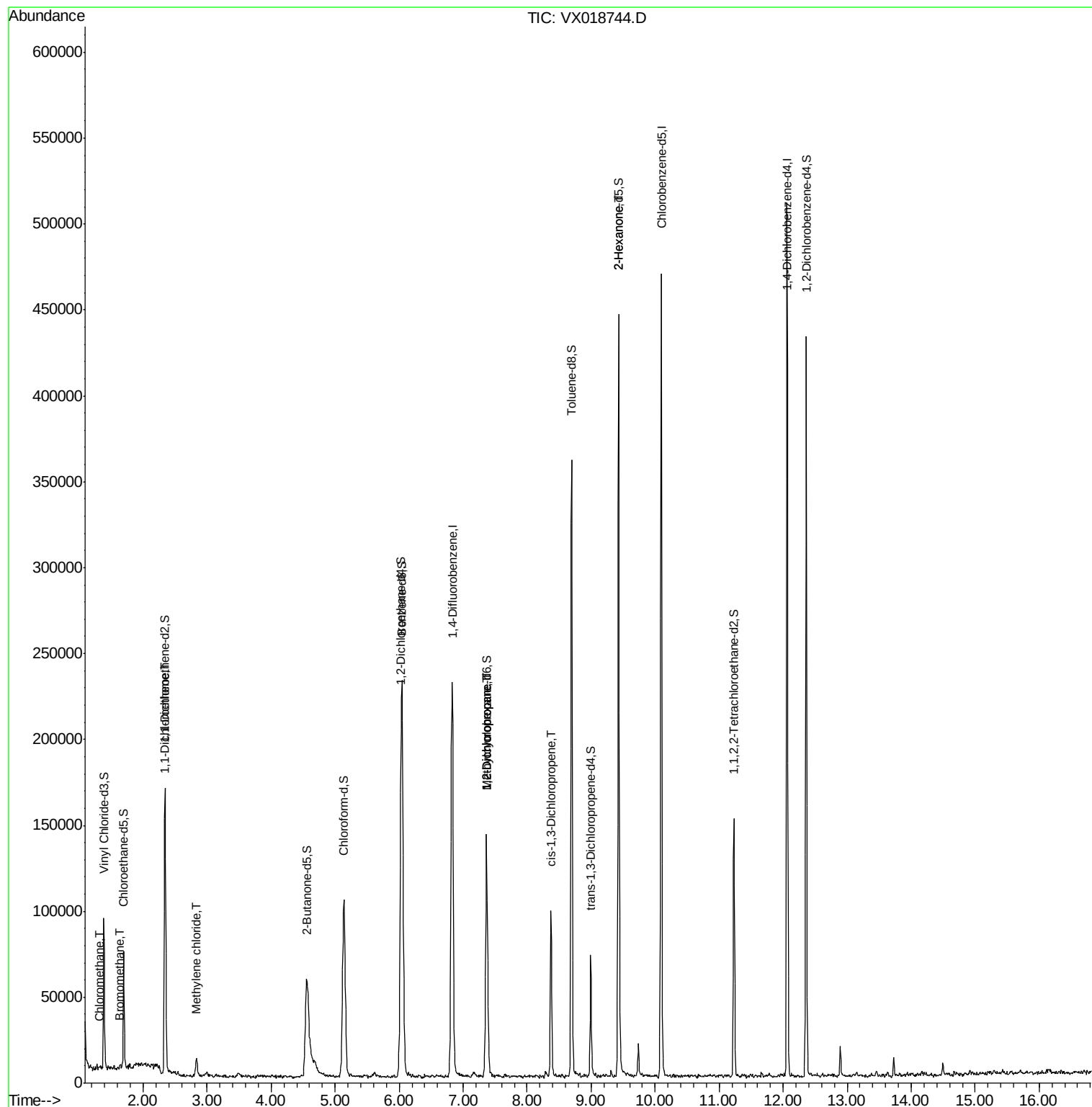
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	991	0.093	ug/L	89
6) Bromomethane	1.64	94	1523	0.216	ug/L	86
12) 1,1-Dichloroethene	2.33	96	1228	0.112	ug/L #	1
16) Methylene chloride	2.83	84	4810	0.361	ug/L	97
35) Methylcyclohexane	7.37	83	18622	1.014	ug/L #	19
37) 1,2-Dichloropropane	7.37	63	8944	0.814	ug/L #	84
39) cis-1,3-Dichloropropene	8.37	75	2991	0.170	ug/L	84
50) 2-Hexanone	9.43	43	15949	3.448	ug/L #	71

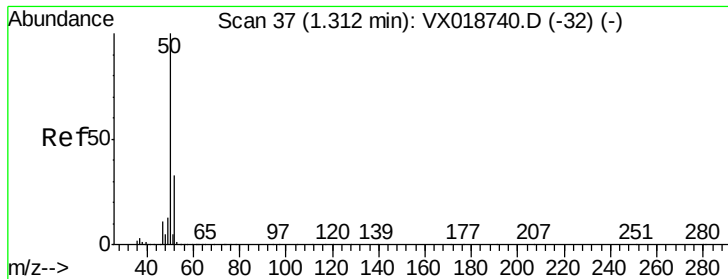
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.093 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018744.D

Acq: 02 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

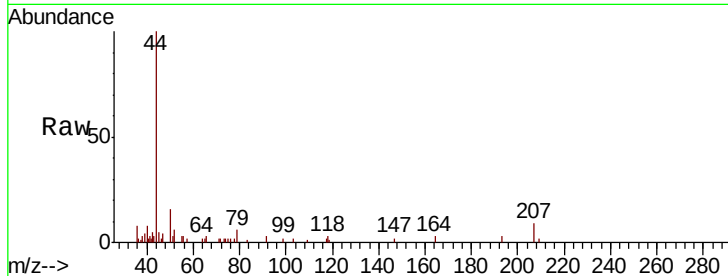
VBLK77

Tot Ion: 50 Resp: 991

Ion Ratio Lower Upper

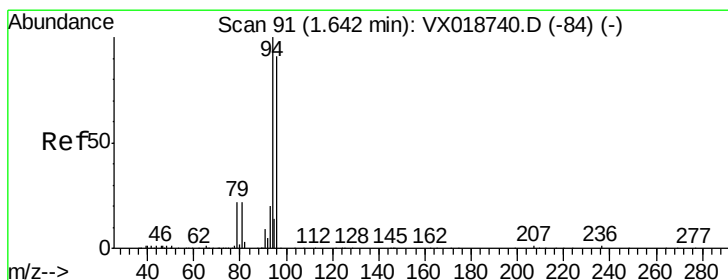
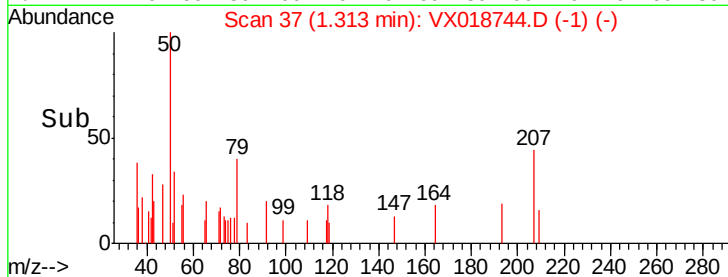
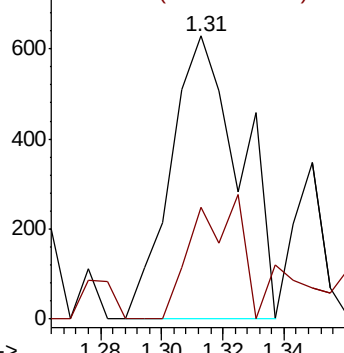
50 100

52 39.5 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: 0.216 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018744.D

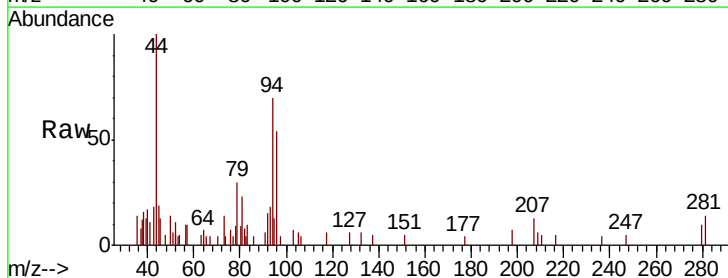
Acq: 02 Oct 2020 13:35

Tgt Ion: 94 Resp: 1523

Ion Ratio Lower Upper

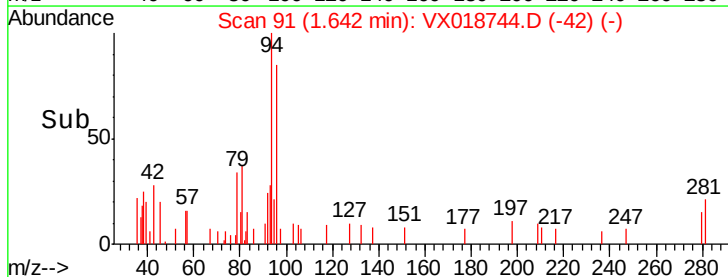
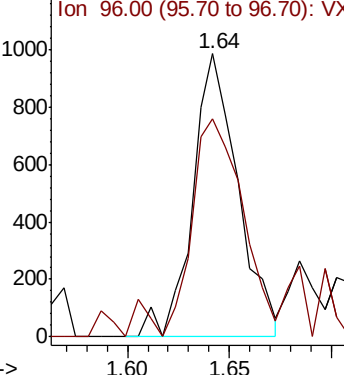
94 100

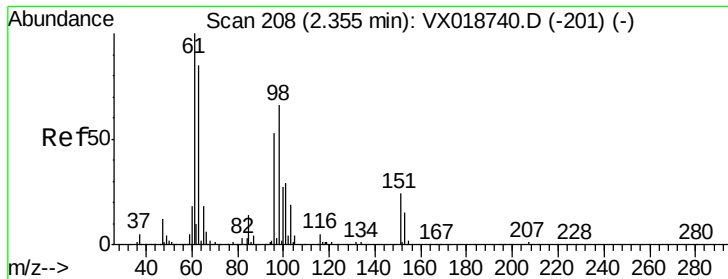
96 77.2 63.5 117.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0





#12

1,1-Dichloroethene

Concen: 0.112 ug/L

RT: 2.33 min Scan# 204

Delta R.T. -0.02 min

Lab File: VX018744.D

Acq: 02 Oct 2020 13:35

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VBLK77

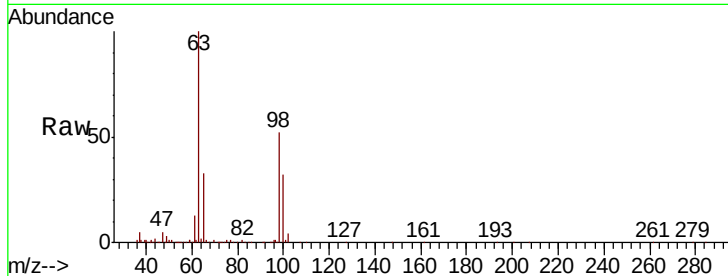
Tot Ion: 96 Resp: 1228

Ion Ratio Lower Upper

96 100

61 630.9 133.2 247.4#

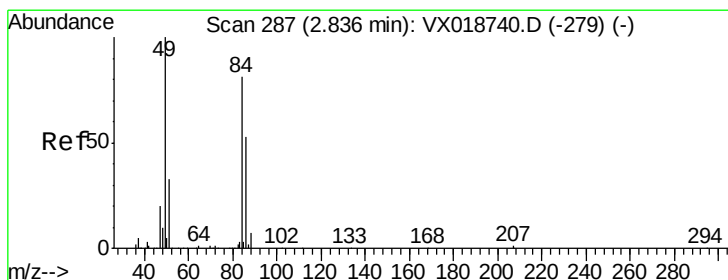
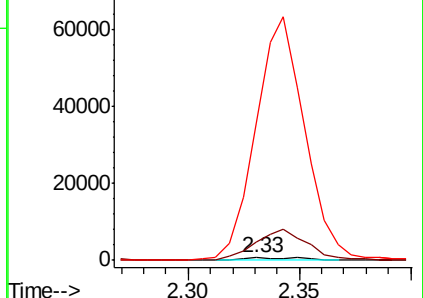
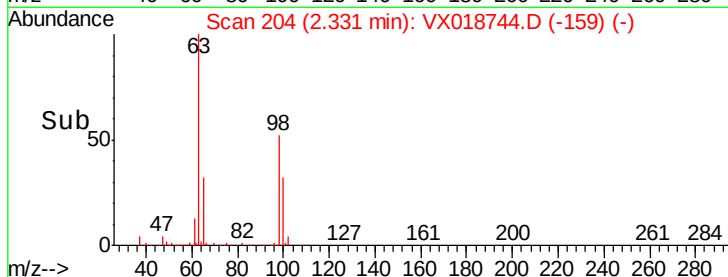
63 4735.6 115.1 213.7#



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0



#16

Methylene chloride

Concen: 0.361 ug/L

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX018744.D

Acq: 02 Oct 2020 13:35

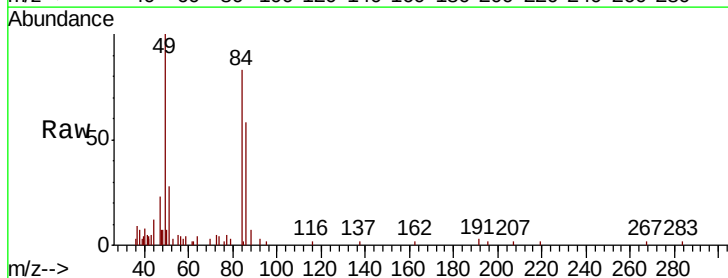
Tgt Ion: 84 Resp: 4810

Ion Ratio Lower Upper

84 100

86 69.7 45.6 84.8

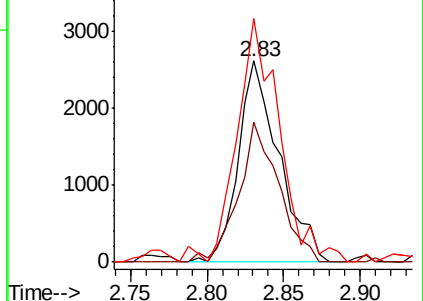
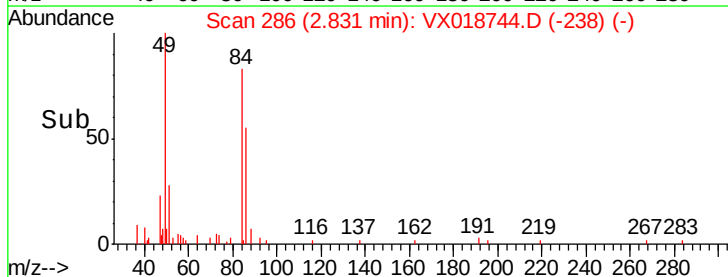
49 121.1 85.8 159.3

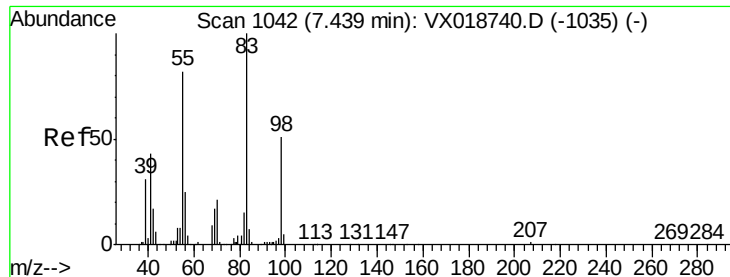


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0





#35

Methylcyclohexane

Concen: 1.014 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.07 min

Lab File: VX018744.D

Acq: 02 Oct 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

VBLK77

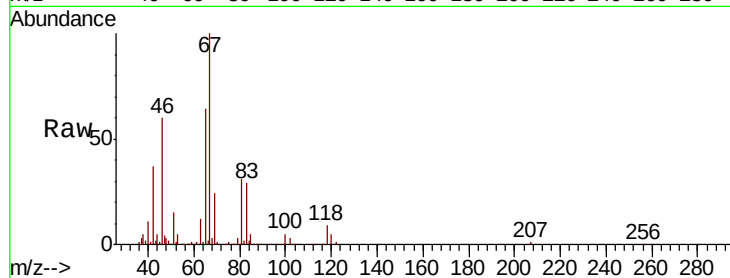
Tot Ion: 83 Resp: 18622

Ion Ratio Lower Upper

83 100

55 0.5 60.3 90.5#

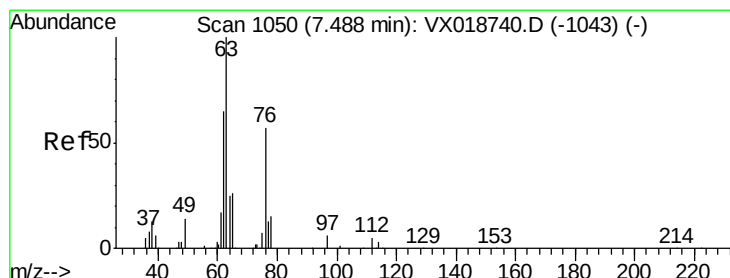
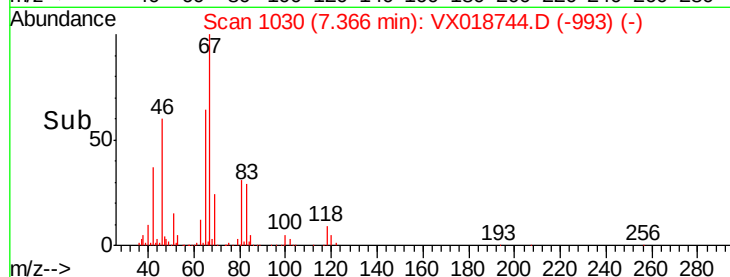
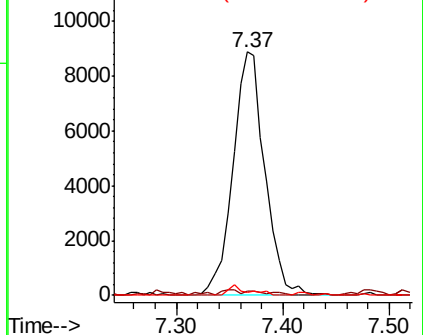
98 0.5 39.4 59.0#



Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0



#37

1,2-Dichloropropane

Concen: 0.814 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VX018744.D

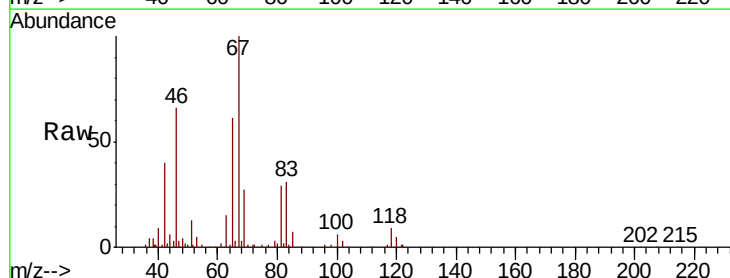
Acq: 02 Oct 2020 13:35

Tgt Ion: 63 Resp: 8944

Ion Ratio Lower Upper

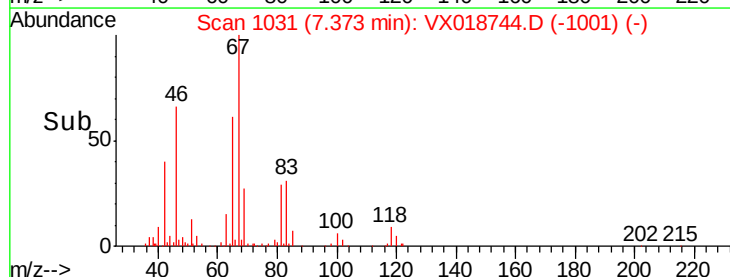
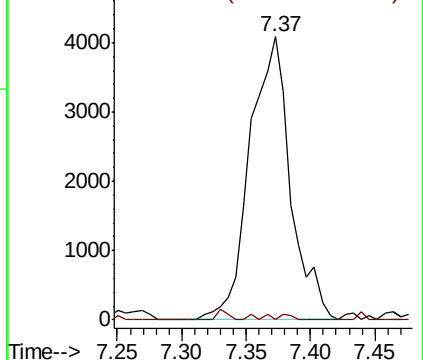
63 100

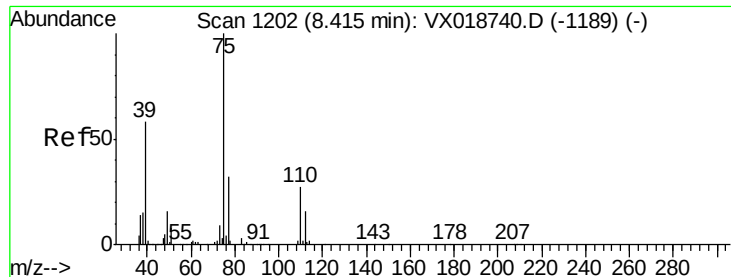
112 0.5 4.7 7.1#



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V

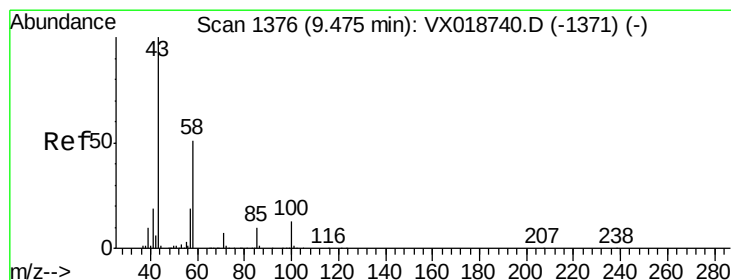
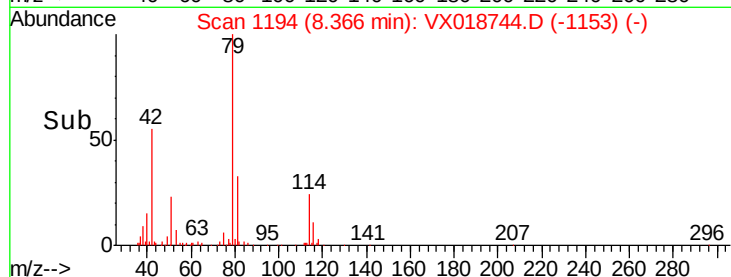
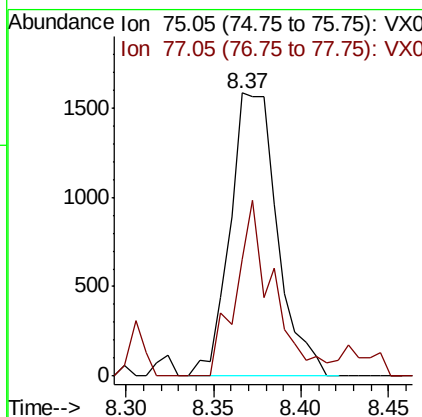
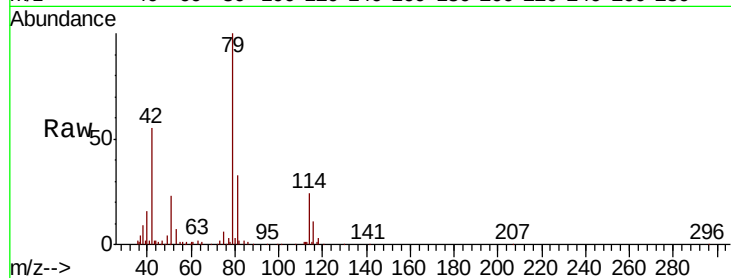




#39
 cis-1,3-Dichloropropene
 Concen: 0.170 ug/L
 RT: 8.37 min Scan# 1194
 Delta R.T. -0.05 min
 Lab File: VX018744.D
 Acq: 02 Oct 2020 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK77

Tot Ion: 75 Resp: 2991
 Ion Ratio Lower Upper
 75 100
 77 41.3 22.5 41.7



#50
 2-Hexanone
 Concen: 3.448 ug/L
 RT: 9.43 min Scan# 1368
 Delta R.T. -0.05 min
 Lab File: VX018744.D
 Acq: 02 Oct 2020 13:35

Tgt Ion: 43 Resp: 15949
 Ion Ratio Lower Upper
 43 100
 58 27.2 41.0 61.4#
 57 26.7 15.9 23.9#
 100 1.6 10.1 15.1#

