

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
 Data File : VX018748.D
 Acq On : 02 Oct 2020 15:27
 Operator : JC/SP
 Sample : IBLK
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK01

Quant Time: Oct 03 05:21:21 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	189750	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	182839	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	91111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	51752	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.70	69	43922	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.34	63	98953	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	4.56	46	154041	52.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.96%
24) Chloroform-d	5.14	84	129961	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	6.03	65	80651	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	6.05	84	226320	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	7.37	67	67245	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	8.70	98	216319	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
45) trans-1,3-Dichloropropene-	8.99	79	33255	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
48) 2-Hexanone-d5	9.43	63	124783	52.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.36%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	51840	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	87249	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

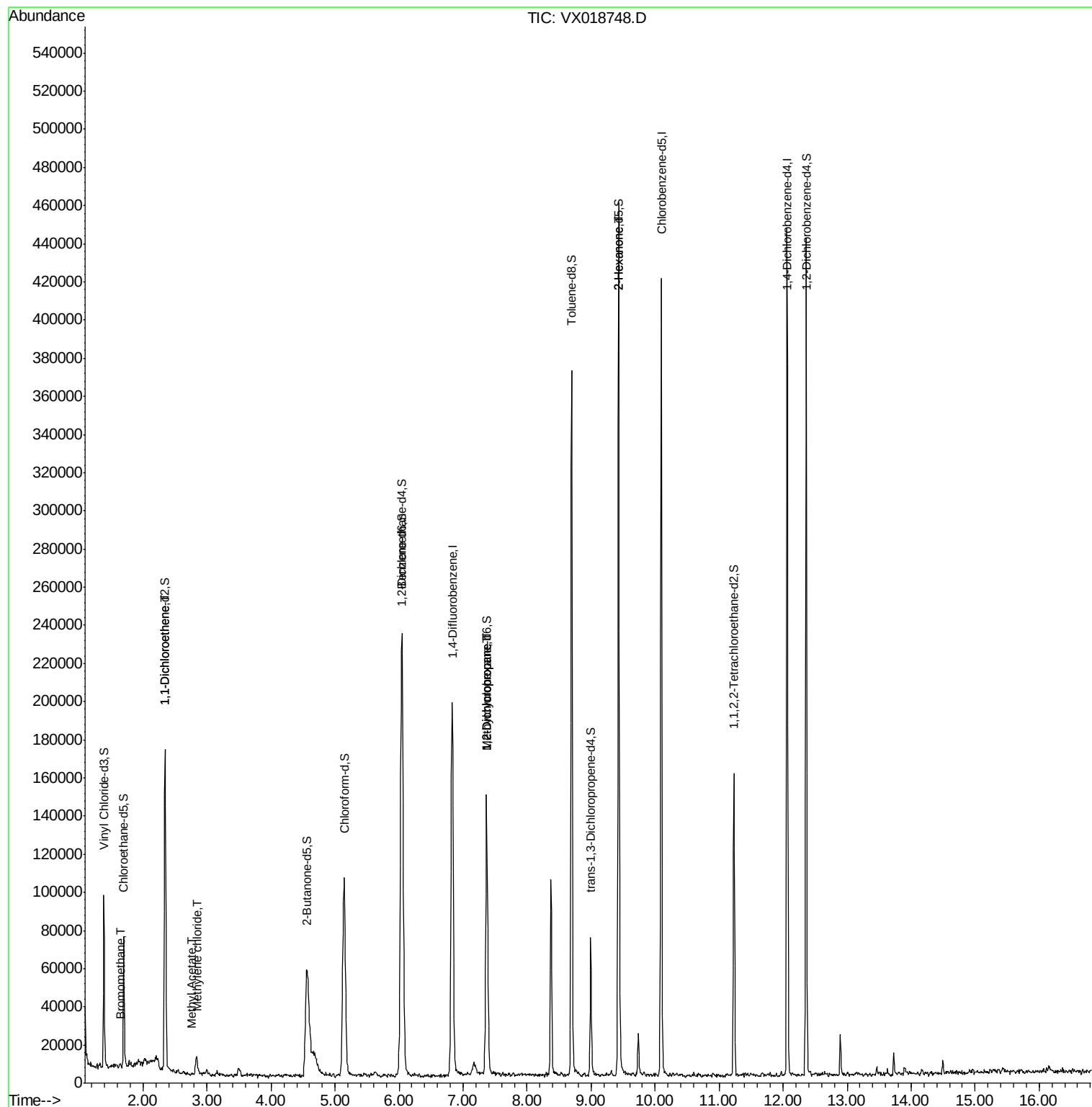
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.65	94	1161	0.191	ug/L	98
12) 1,1-Dichloroethene	2.34	96	1160	0.123	ug/L #	1
15) Methyl Acetate	2.76	43	417	0.107	ug/L #	64
16) Methylene chloride	2.84	84	4673	0.408	ug/L	93
35) Methylcyclohexane	7.37	83	18514	1.156	ug/L #	20
37) 1,2-Dichloropropane	7.37	63	9755	1.017	ug/L #	84
50) 2-Hexanone	9.43	43	17514	4.340	ug/L #	70

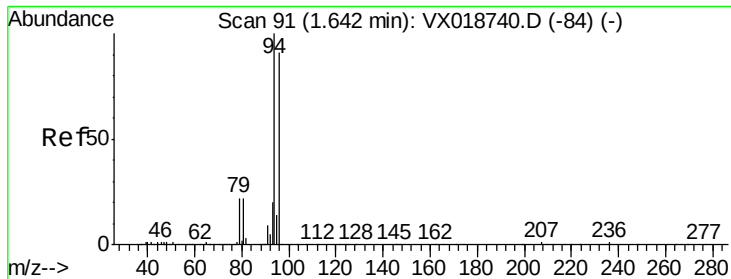
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Bromomethane

Concen: 0.191 ug/L

RT: 1.65 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX018748.D

Acq: 02 Oct 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

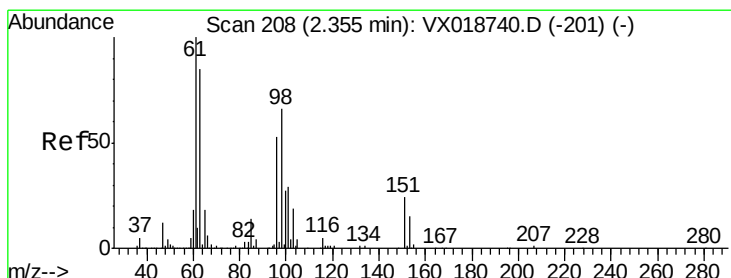
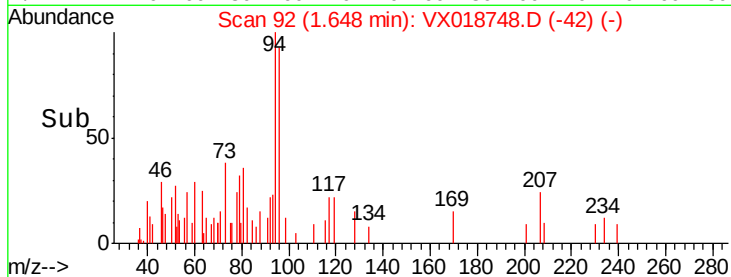
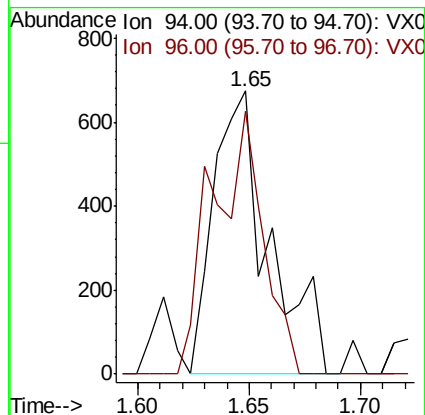
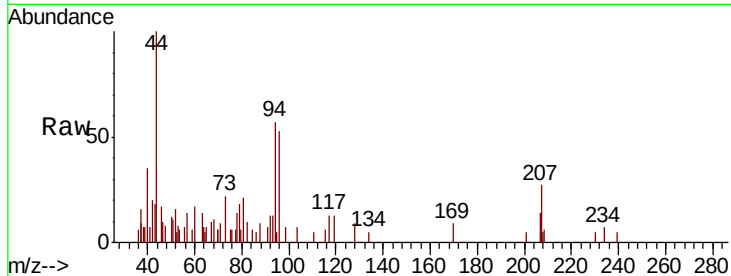
VHBLK01

Tot Ion: 94 Resp: 1161

Ion Ratio Lower Upper

94 100

96 92.7 63.5 117.9



#12

1,1-Dichloroethene

Concen: 0.123 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX018748.D

Acq: 02 Oct 2020 15:27

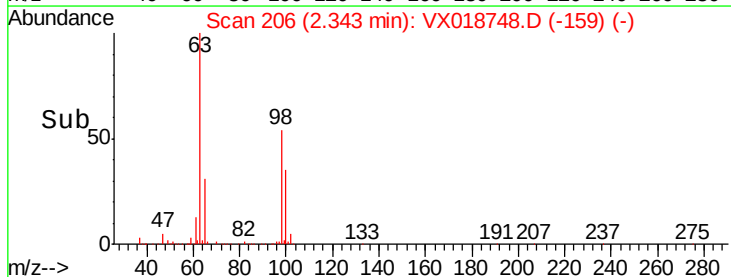
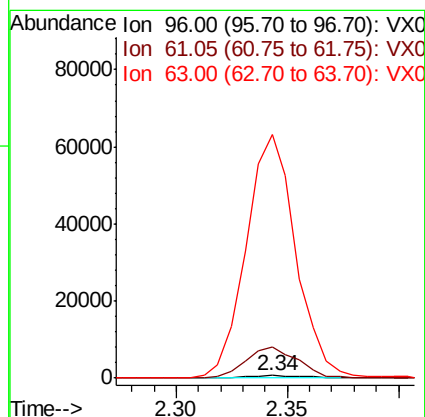
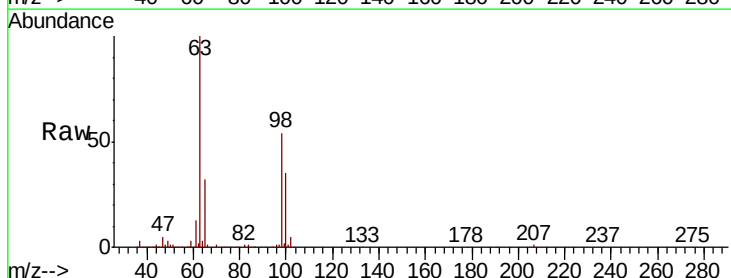
Tgt Ion: 96 Resp: 1160

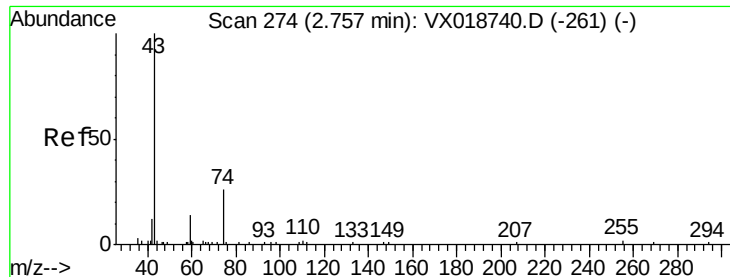
Ion Ratio Lower Upper

96 100

61 1268.6 133.2 247.4#

63 10058.6 115.1 213.7#

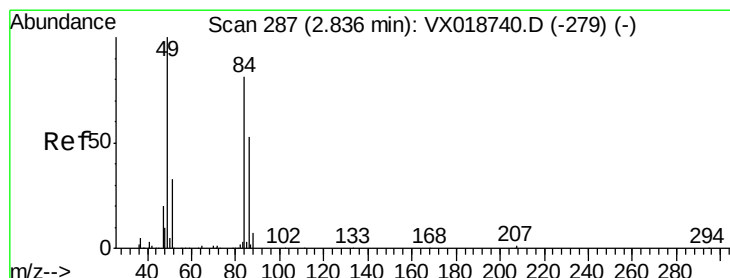
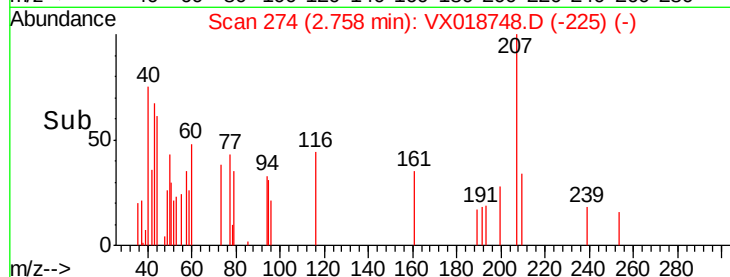
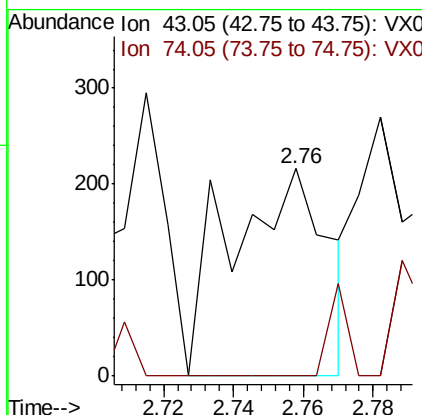
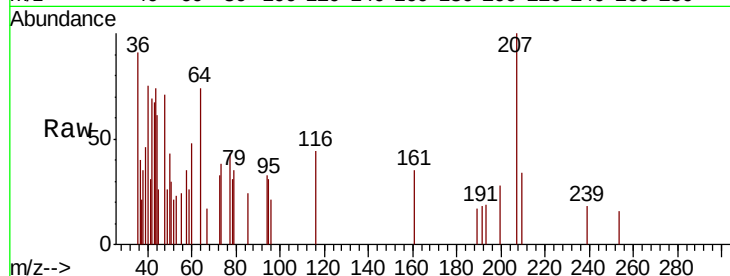




#15
Methvl Acetate
Concen: 0.107 ug/L
RT: 2.76 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX018748.D
Acq: 02 Oct 2020 15:27

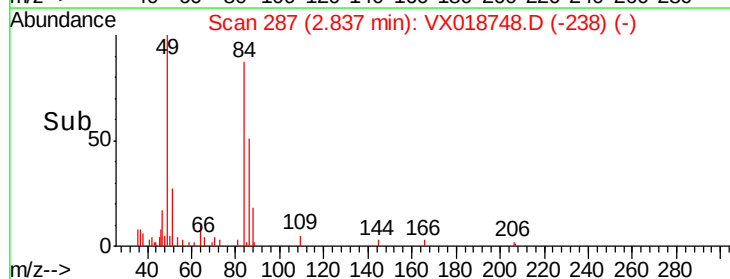
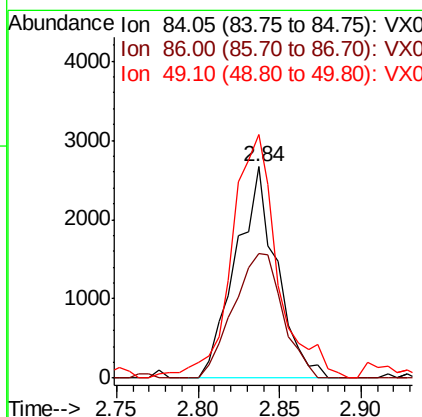
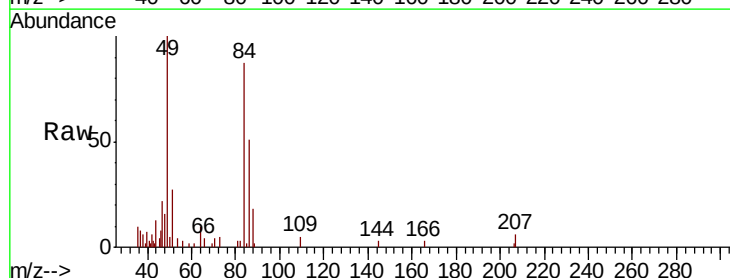
Instrument :
MSVOA_X
ClientSampleId :
VHBLK01

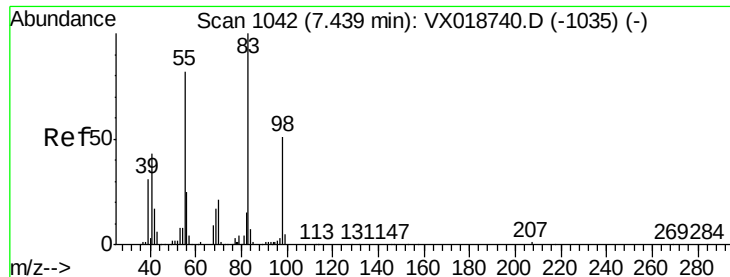
Tot Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
74 8.6 21.9 32.9#



#16
Methylene chloride
Concen: 0.408 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018748.D
Acq: 02 Oct 2020 15:27

Tgt Ion: 84 Resp: 4673
Ion Ratio Lower Upper
84 100
86 59.3 45.6 84.8
49 115.4 85.8 159.3





#35

Methvlcvclohexane

Concen: 1.156 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.07 min

Lab File: VX018748.D

Acq: 02 Oct 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

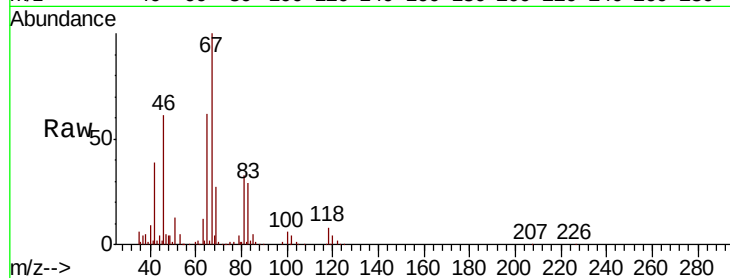
Tot Ion: 83 Resp: 18514

Ion Ratio Lower Upper

83 100

55 1.1 60.3 90.5#

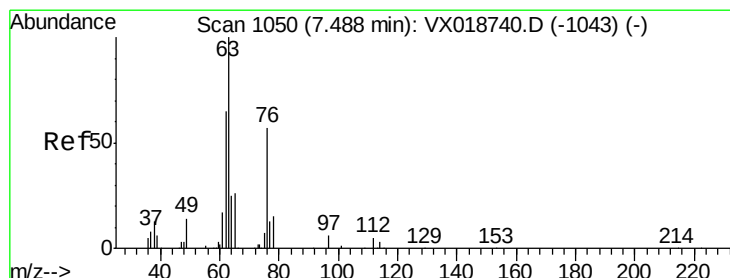
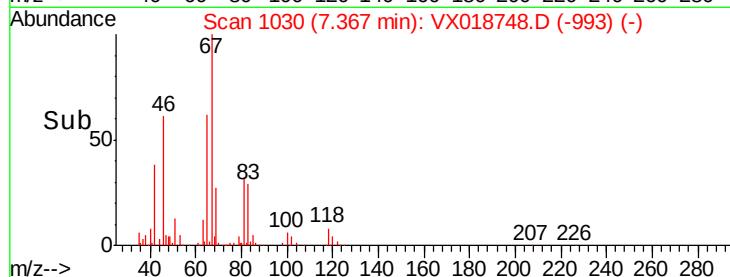
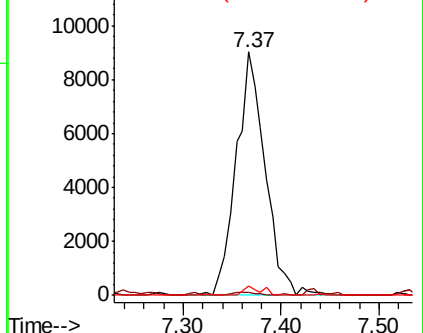
98 2.2 39.4 59.0#



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: 1.017 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VX018748.D

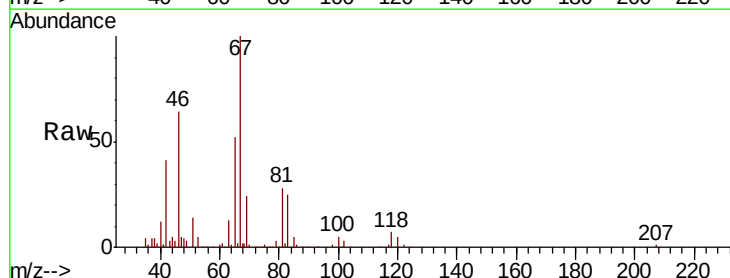
Acq: 02 Oct 2020 15:27

Tgt Ion: 63 Resp: 9755

Ion Ratio Lower Upper

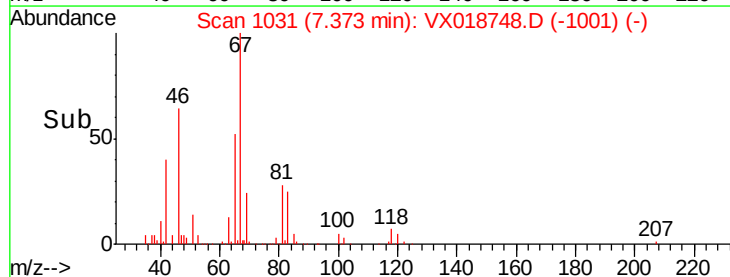
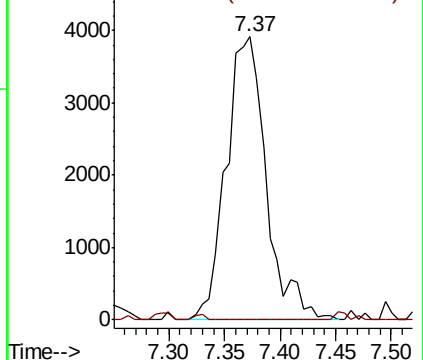
63 100

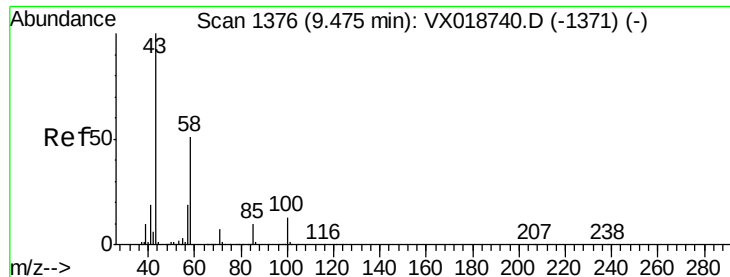
112 0.5 4.7 7.1#



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V





#50

2-Hexanone

Concen: 4.340 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VX018748.D

Acq: 02 Oct 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 17514

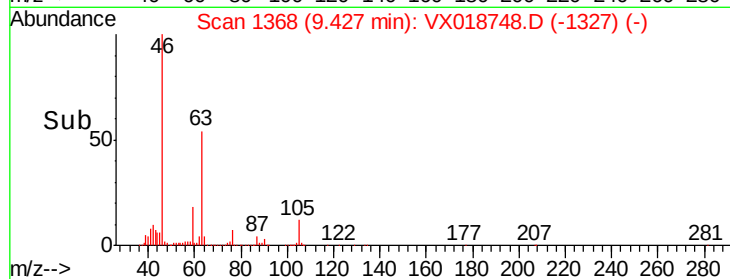
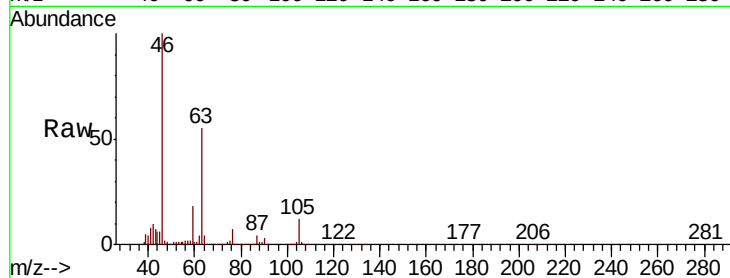
Ion Ratio Lower Upper

43 100

58 27.2 41.0 61.4#

57 28.3 15.9 23.9#

100 1.2 10.1 15.1#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 57.20 (56.90 to 57.90): VX0

Ion 100.15 (99.85 to 100.85): V>

