

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100520\
 Data File : VX018777.D
 Acq On : 05 Oct 2020 20:02
 Operator : JC/SP
 Sample : L4171-08
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK01

Quant Time: Oct 06 01:48:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 01:36:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	139698	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	130942	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	62068	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41411	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.70	69	36290	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.34	63	71869	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.56	46	140202	65.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.00%#
24) Chloroform-d	5.14	84	102900	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	6.03	65	60200	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	6.05	84	195668	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.20%
36) 1,2-Dichloropropane-d6	7.37	67	59176	6.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.80%
41) Toluene-d8	8.70	98	173280	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
45) trans-1,3-Dichloropropene-	8.99	79	26240	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
48) 2-Hexanone-d5	9.43	63	114245	67.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.70%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	47499	6.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.20%#
65) 1,2-Dichlorobenzene-d4	12.36	152	68516	5.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.60%

Target Compounds

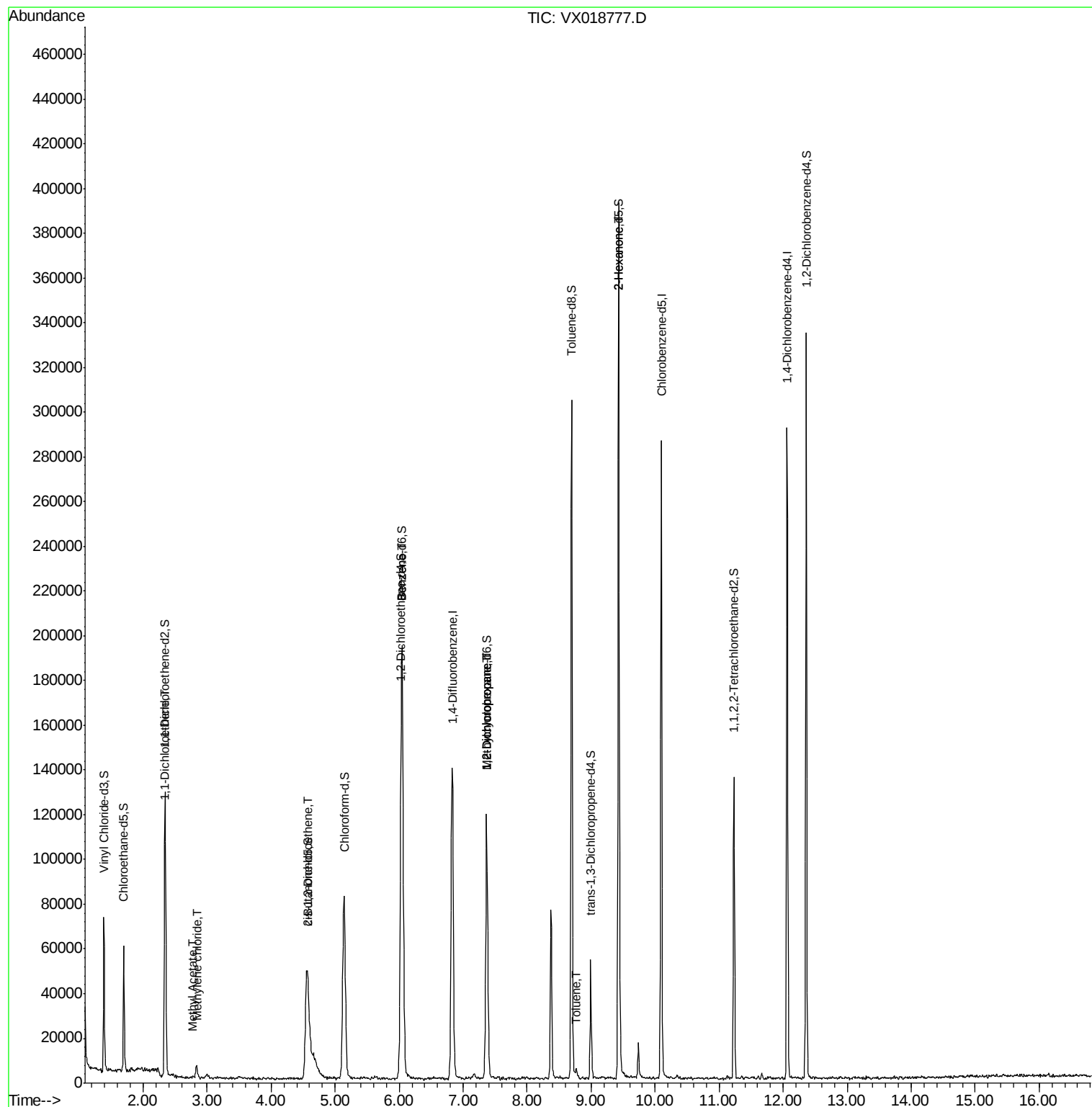
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.33	96	792	0.114	ug/L #	1
15) Methyl Acetate	2.78	43	621	0.216	ug/L #	63
16) Methylene chloride	2.83	84	2522	0.299	ug/L	95
22) cis-1,2-Dichloroethene	4.57	96	491	0.064	ug/L #	48
33) Benzene	6.05	78	1912	0.070	ug/L	100
35) Methylcyclohexane	7.37	83	15538	1.354	ug/L #	19
37) 1,2-Dichloropropane	7.37	63	7616	1.109	ug/L #	84
42) Toluene	8.76	91	2345	0.078	ug/L	95
50) 2-Hexanone	9.43	43	14755	5.105	ug/L #	73

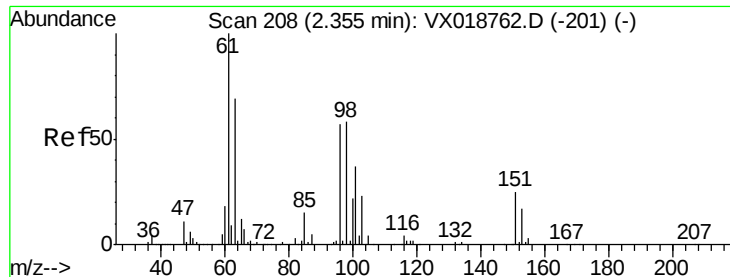
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 06 01:36:50 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.114 ug/L

RT: 2.33 min Scan# 204

Delta R.T. -0.02 min

Lab File: VX018777.D

Acq: 05 Oct 2020 20:02

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

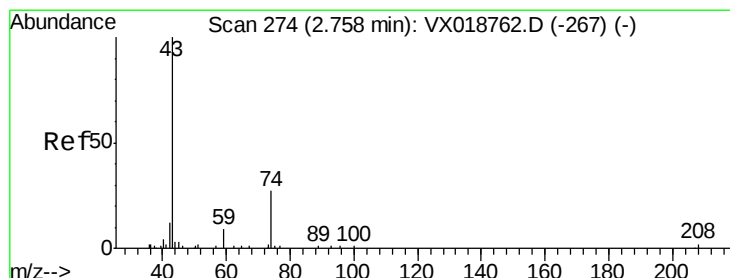
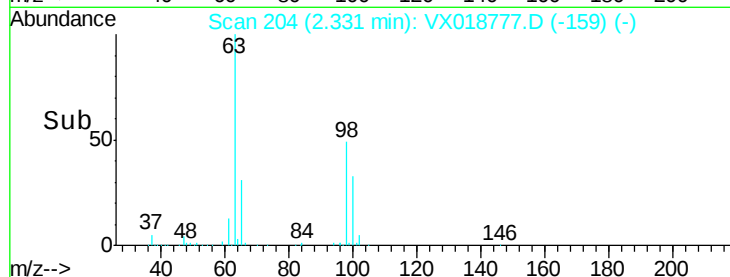
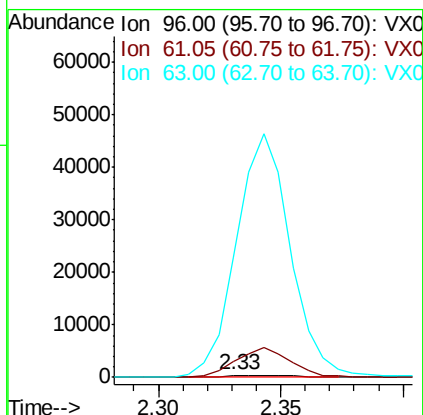
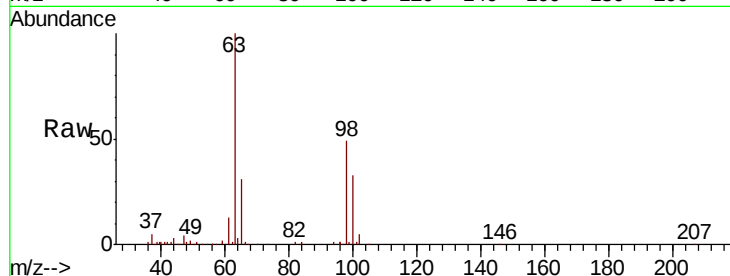
Tot Ion: 96 Resp: 792

Ion Ratio Lower Upper

96 100

61 666.0 133.2 247.4#

63 5212.8 115.1 213.7#



#15

Methyl Acetate

Concen: 0.216 ug/L

RT: 2.78 min Scan# 277

Delta R.T. 0.02 min

Lab File: VX018777.D

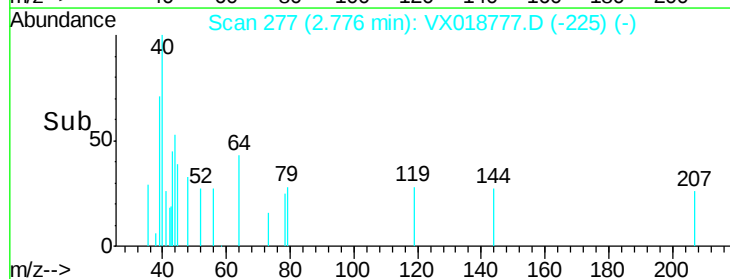
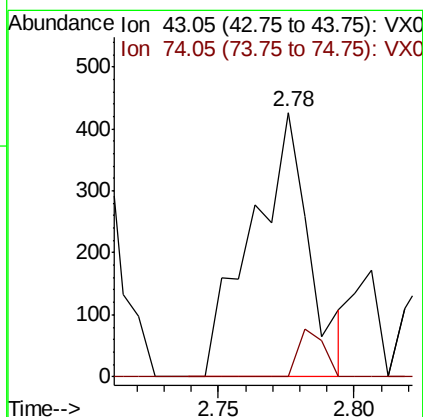
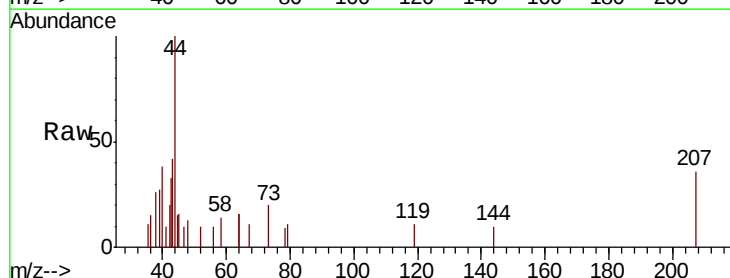
Acq: 05 Oct 2020 20:02

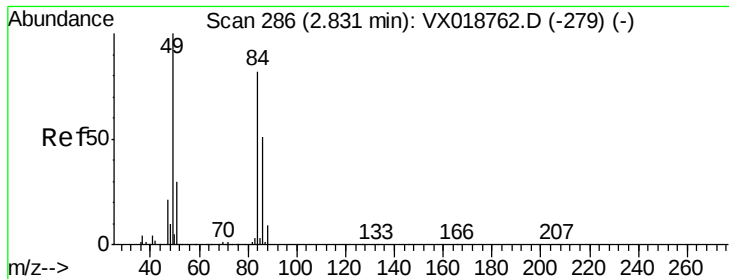
Tgt Ion: 43 Resp: 621

Ion Ratio Lower Upper

43 100

74 8.1 21.9 32.9#

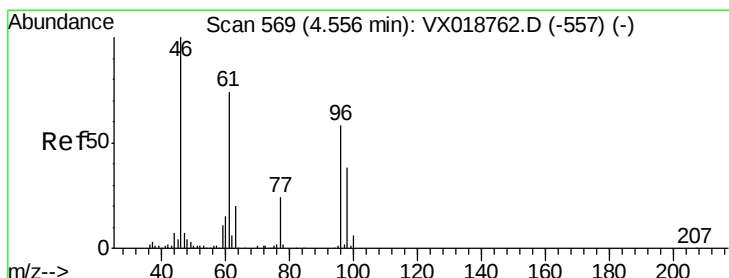
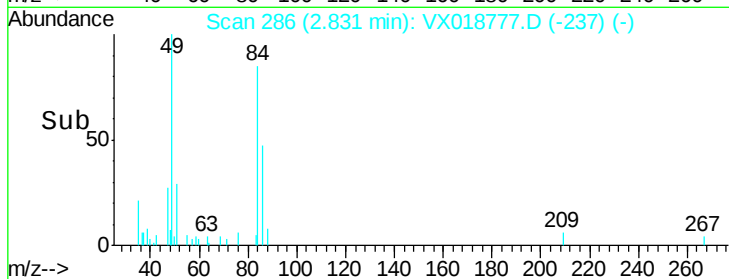
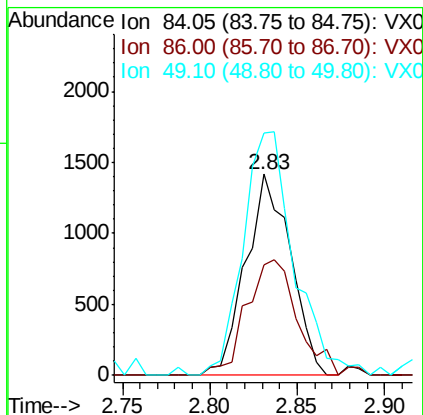
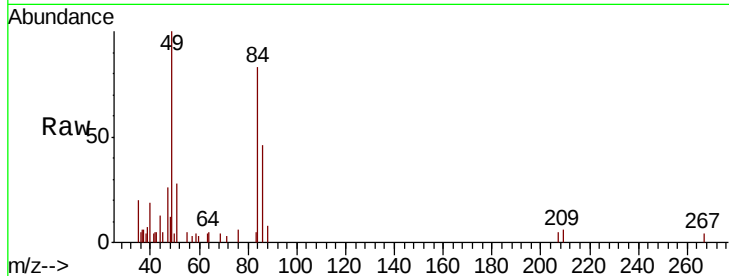




#16
Methvlene chloride
Concen: 0.299 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018777.D
Acq: 05 Oct 2020 20:02

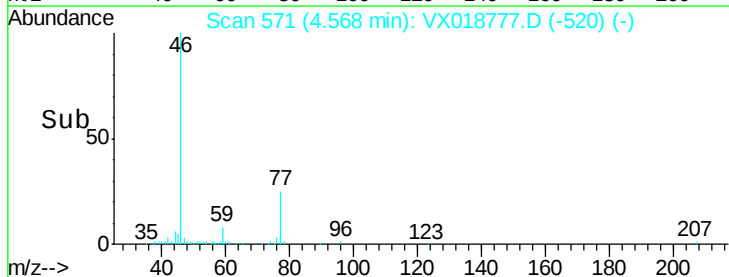
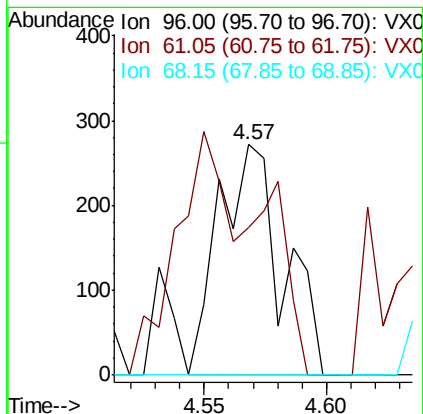
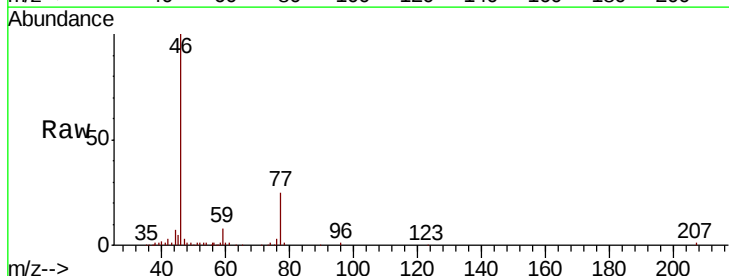
Instrument :
MSVOA_X
ClientSampleId :
VHBLK01

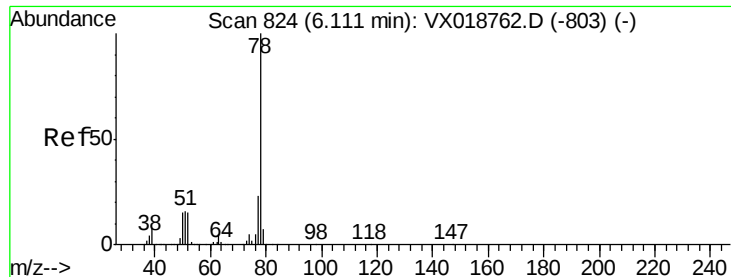
Tot Ion: 84 Resp: 2522
Ion Ratio Lower Upper
84 100
86 55.1 45.6 84.8
49 120.8 85.8 159.3



#22
cis-1,2-Dichloroethene
Concen: 0.064 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018777.D
Acq: 05 Oct 2020 20:02

Tgt Ion: 96 Resp: 491
Ion Ratio Lower Upper
96 100
61 64.0 86.2 160.0#
68 0.0 0.3 0.7#





#33

Benzene

Concen: 0.070 ug/L

RT: 6.05 min Scan# 814

Delta R.T. -0.06 min

Lab File: VX018777.D

Acq: 05 Oct 2020 20:02

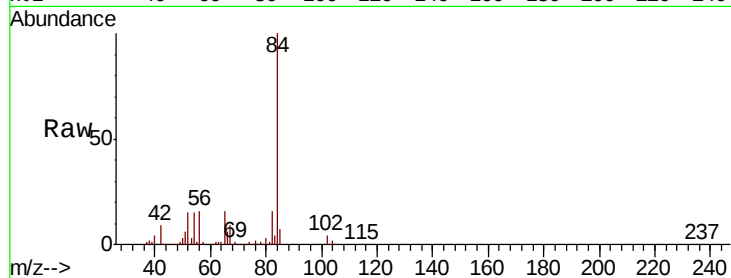
Instrument :

MSVOA_X

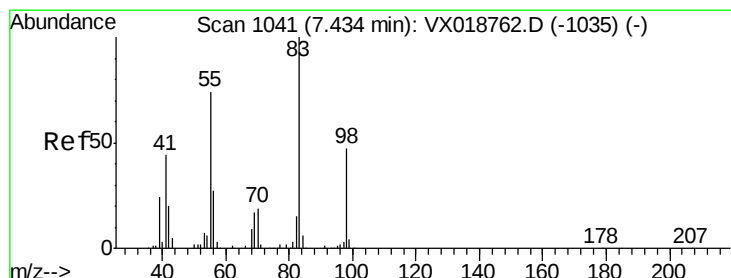
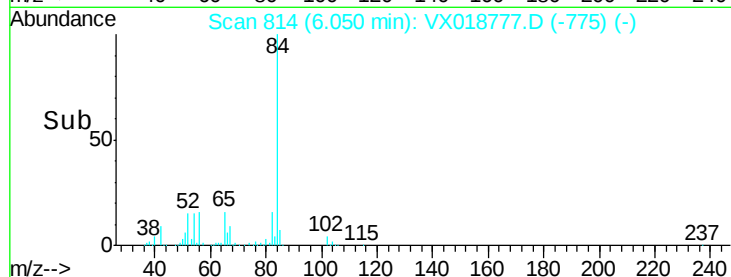
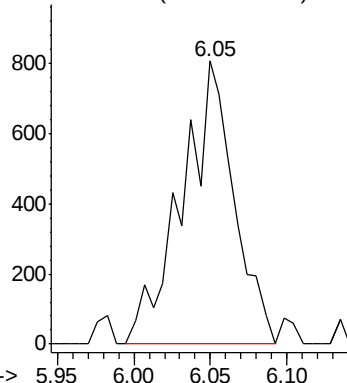
ClientSampleId :

VHBLK01

Tgt Ion: 78 Resp: 1912



Abundance Ion 78.10 (77.80 to 78.80): VX0



#35

Methylcyclohexane

Concen: 1.354 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.06 min

Lab File: VX018777.D

Acq: 05 Oct 2020 20:02

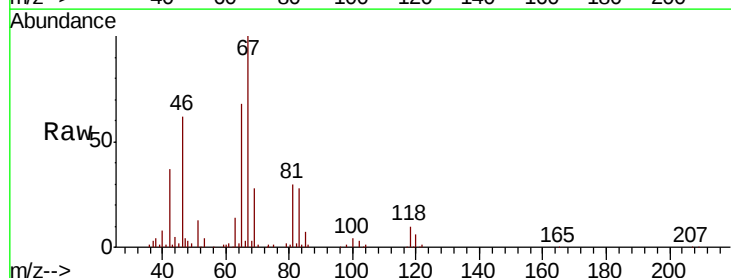
Tgt Ion: 83 Resp: 15538

Ion Ratio Lower Upper

83 100

55 0.6 60.3 90.5#

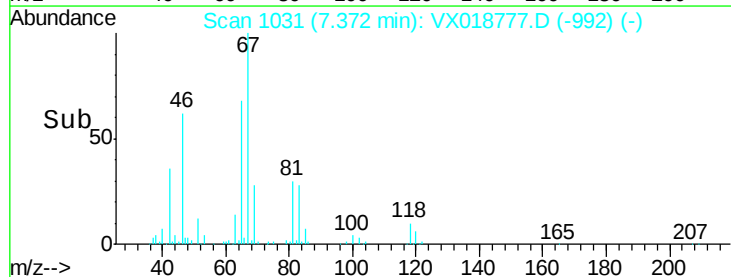
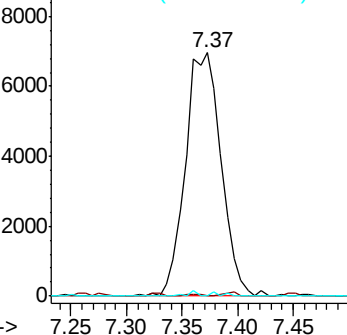
98 0.5 39.4 59.0#

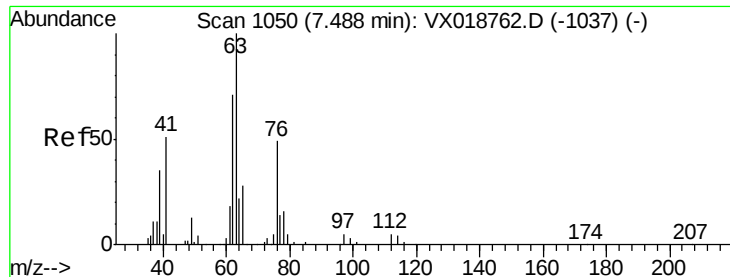


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

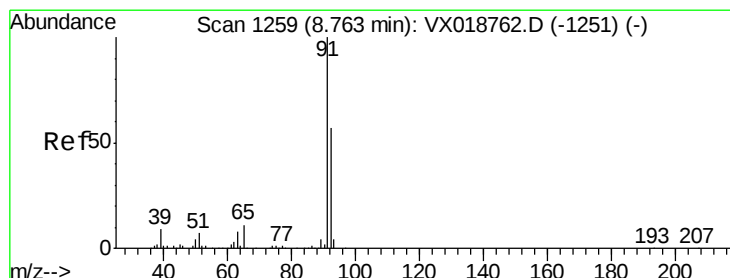
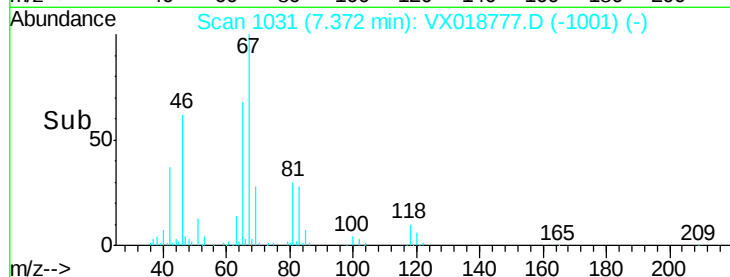
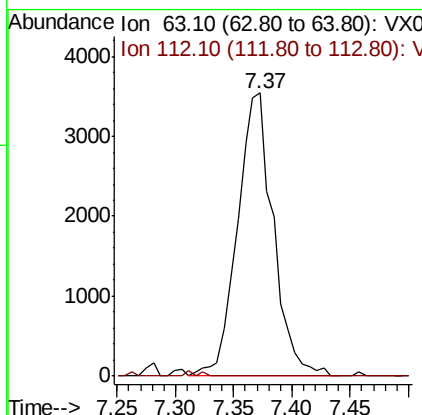
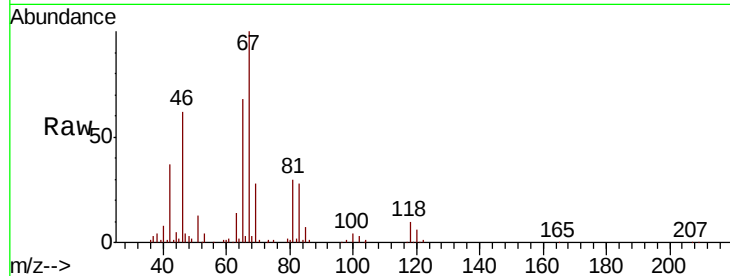




#37
 1,2-Dichloropropane
 Concen: 1.109 ug/L
 RT: 7.37 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VX018777.D
 Acq: 05 Oct 2020 20:02

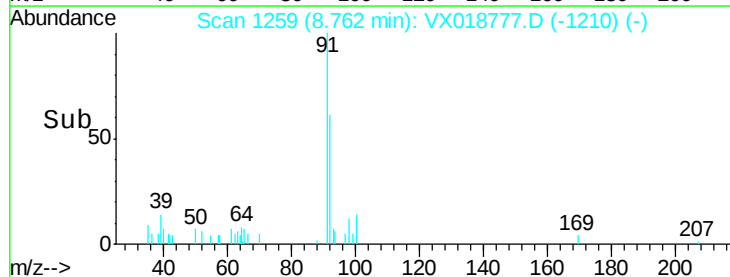
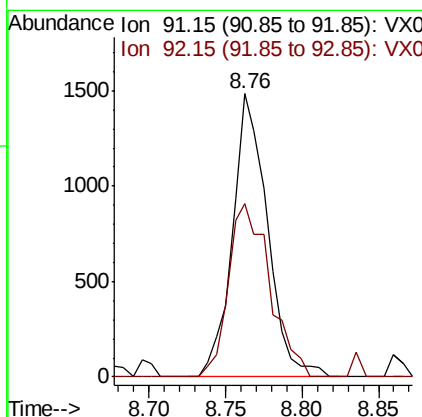
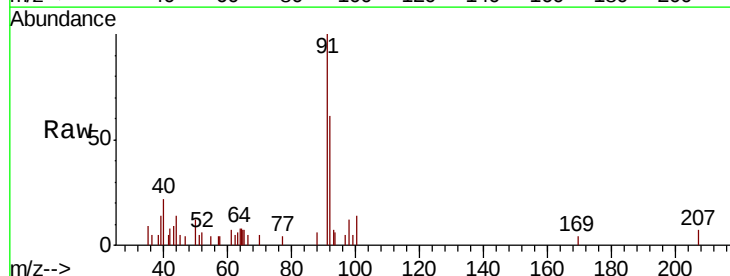
Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK01

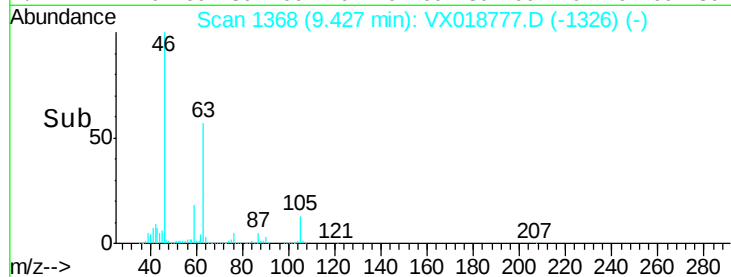
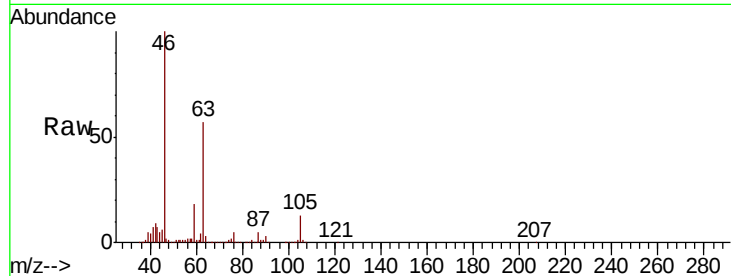
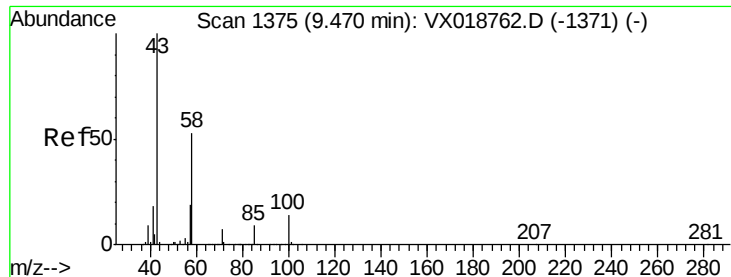
Tot Ion: 63 Resp: 7616
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.7 7.1#



#42
 Toluene
 Concen: 0.078 ug/L
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX018777.D
 Acq: 05 Oct 2020 20:02

Tgt Ion: 91 Resp: 2345
 Ion Ratio Lower Upper
 91 100
 92 61.1 40.3 74.9





#50

2-Hexanone

Concen: 5.105 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX018777.D

Acq: 05 Oct 2020 20:02

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 14755

Ion Ratio Lower Upper

43 100

58 29.4 41.0 61.4#

57 27.2 15.9 23.9#

100 1.1 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>

