

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
 Data File : VX018751.D
 Acq On : 02 Oct 2020 16:40
 Operator : JC/SP
 Sample : L4135-21
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK01

Quant Time: Oct 03 05:21:53 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	197737	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	186634	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	92871	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56701	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.70	69	43487	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.34	63	101207	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.56	46	151312	49.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.88%
24) Chloroform-d	5.14	84	133420	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	6.03	65	85799	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	6.05	84	235087	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	7.37	67	66679	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	8.70	98	224946	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
45) trans-1,3-Dichloropropene-	8.99	79	36157	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
48) 2-Hexanone-d5	9.43	63	128177	53.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.04%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	52588	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	89674	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

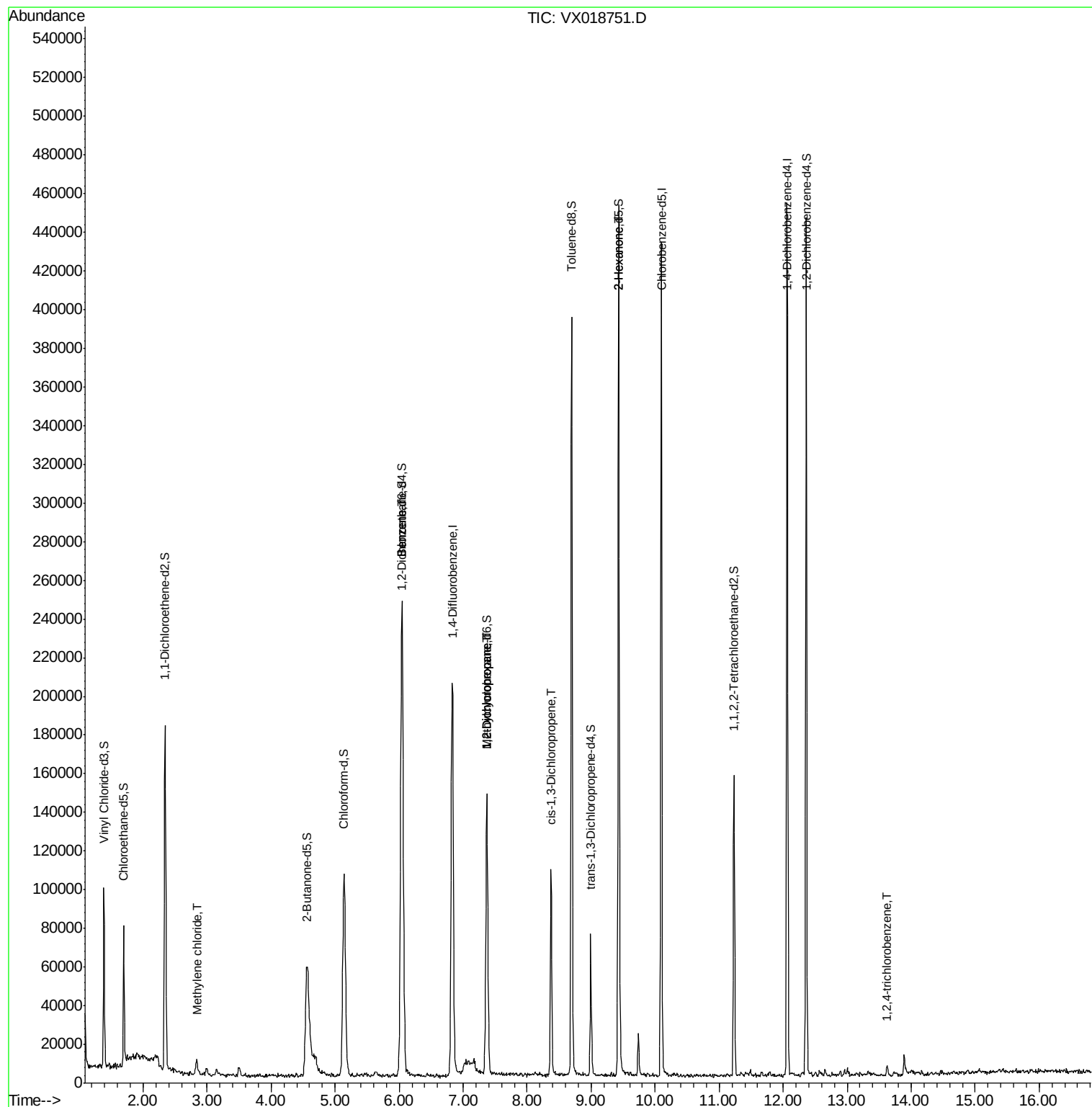
					Ovalue
16) Methylene chloride	2.84	84	3569	0.299 ug/L #	72
33) Benzene	6.05	78	2695	0.069 ug/L	100
35) Methylcyclohexane	7.37	83	19435	1.189 ug/L #	19
37) 1,2-Dichloropropane	7.37	63	9600	0.981 ug/L #	85
39) cis-1,3-Dichloropropene	8.38	75	2898	0.185 ug/L #	72
50) 2-Hexanone	9.43	43	16716	4.058 ug/L #	73
69) 1,2,4-trichlorobenzene	13.63	180	1173	0.081 ug/L #	83

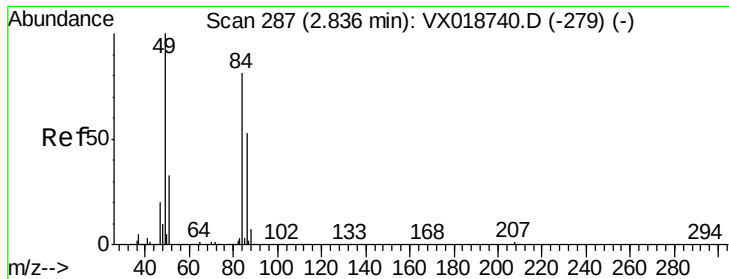
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
VHBLK01

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QLast Update : Fri Oct 02 14:11:08 2020
Response via : Initial Calibration

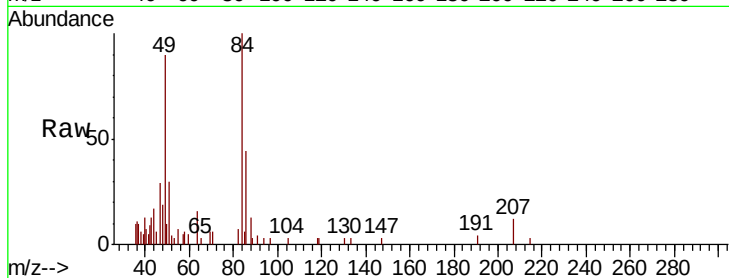




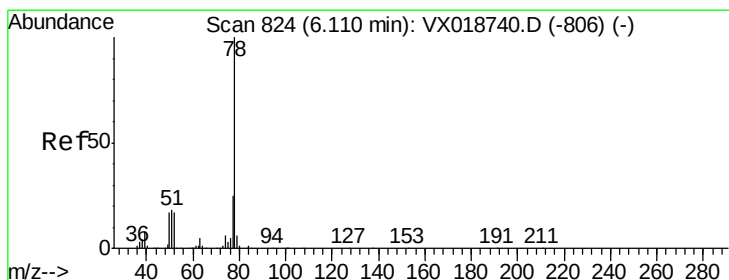
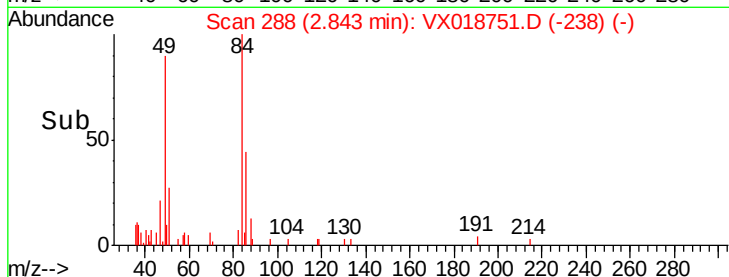
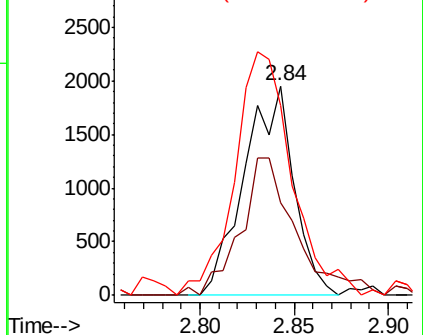
#16
Methylene chloride
Concen: 0.299 ug/L
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018751.D
Acq: 02 Oct 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VHBLK01

Tot Ion: 84 Resp: 3569
Ion Ratio Lower Upper
84 100
86 44.3 45.6 84.8#
49 90.5 85.8 159.3

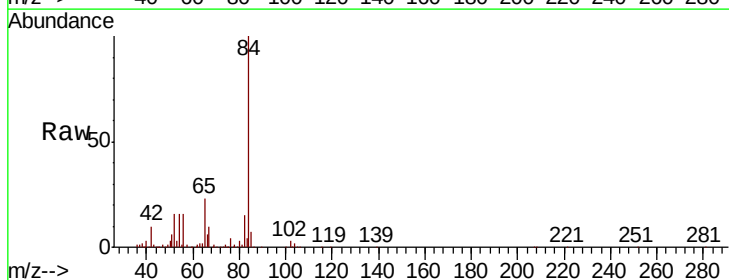


Abundance Ion 84.05 (83.75 to 84.75): VX0
Ion 86.00 (85.70 to 86.70): VX0
Ion 49.10 (48.80 to 49.80): VX0

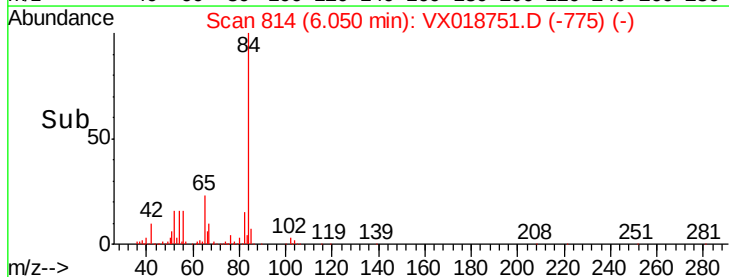
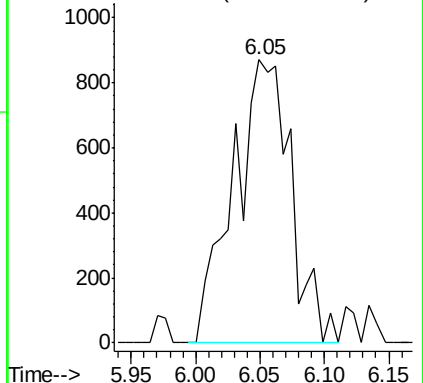


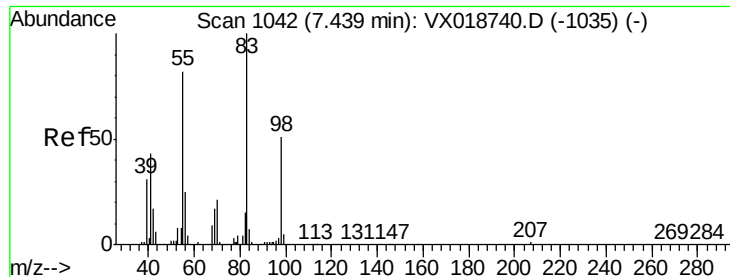
#33
Benzene
Concen: 0.069 ug/L
RT: 6.05 min Scan# 814
Delta R.T. -0.06 min
Lab File: VX018751.D
Acq: 02 Oct 2020 16:40

Tgt Ion: 78 Resp: 2695



Abundance Ion 78.10 (77.80 to 78.80): VX0





#35

Methylvlcyclohexane

Concen: 1.189 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.07 min

Lab File: VX018751.D

Acq: 02 Oct 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

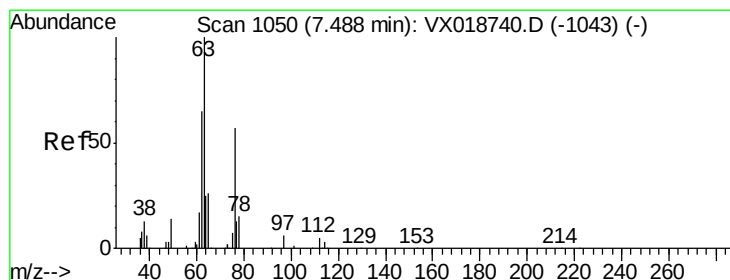
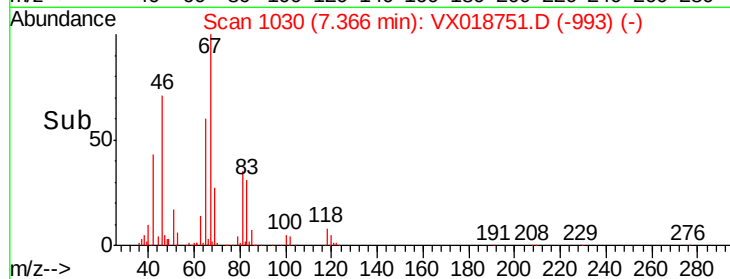
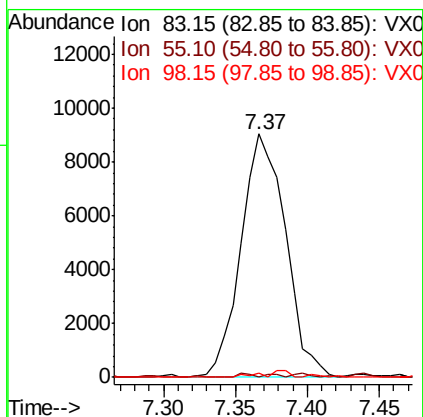
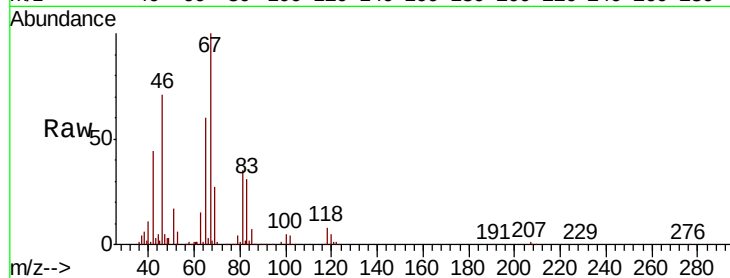
Tot Ion: 83 Resp: 19435

Ion Ratio Lower Upper

83 100

55 0.4 60.3 90.5#

98 1.6 39.4 59.0#



#37

1,2-Dichloropropane

Concen: 0.981 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VX018751.D

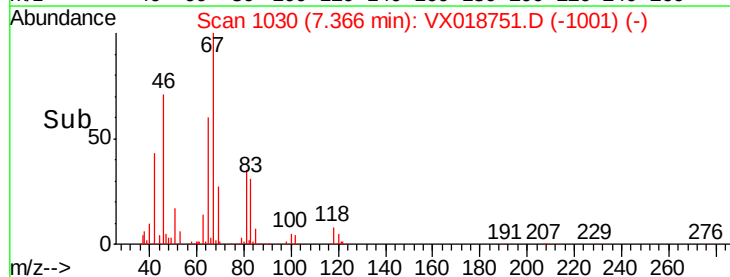
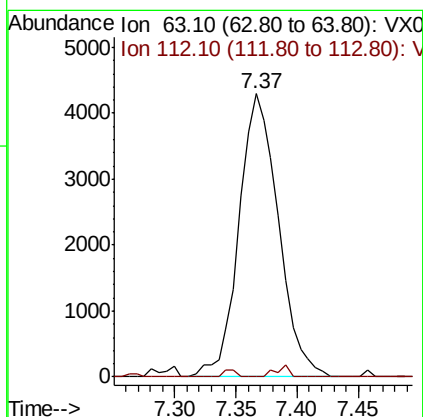
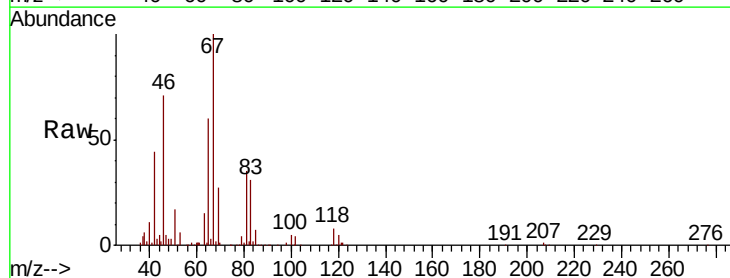
Acq: 02 Oct 2020 16:40

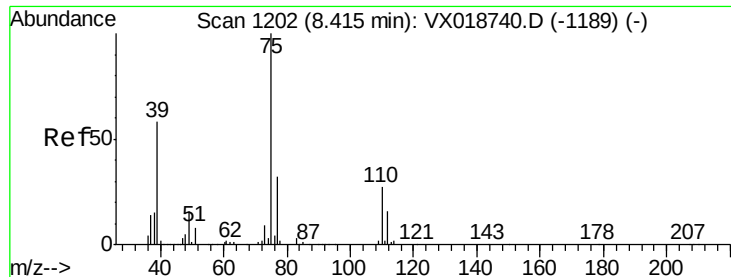
Tgt Ion: 63 Resp: 9600

Ion Ratio Lower Upper

63 100

112 0.8 4.7 7.1#





#39

cis-1,3-Dichloropropene

Concen: 0.185 ug/L

RT: 8.38 min Scan# 1196

Delta R.T. -0.04 min

Lab File: VX018751.D

Acq: 02 Oct 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

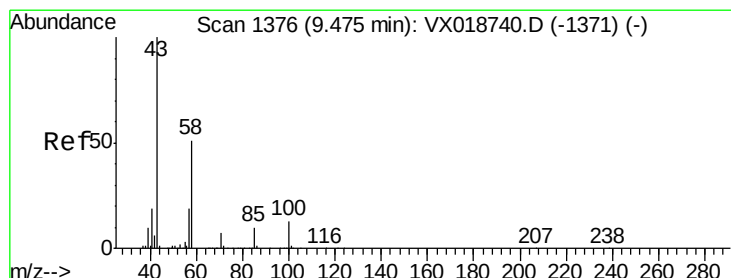
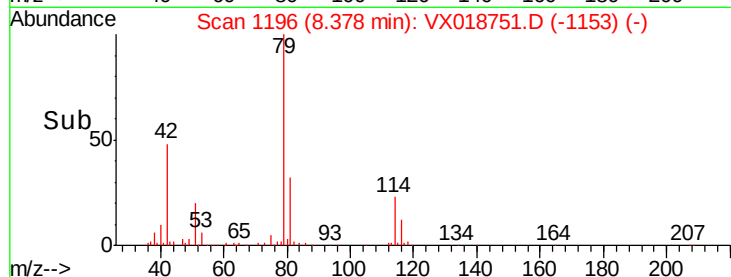
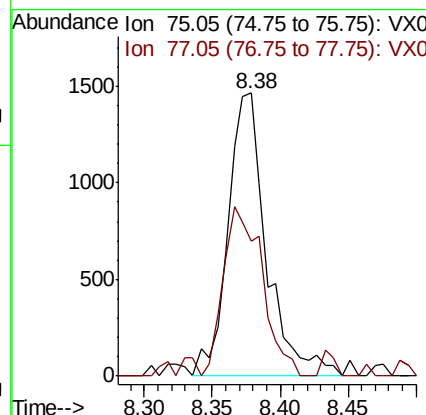
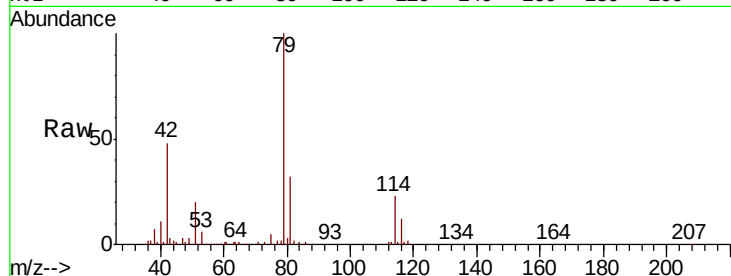
VHBLK01

Tot Ion: 75 Resp: 2898

Ion Ratio Lower Upper

75 100

77 47.9 22.5 41.7#



#50

2-Hexanone

Concen: 4.058 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VX018751.D

Acq: 02 Oct 2020 16:40

Tgt Ion: 43 Resp: 16716

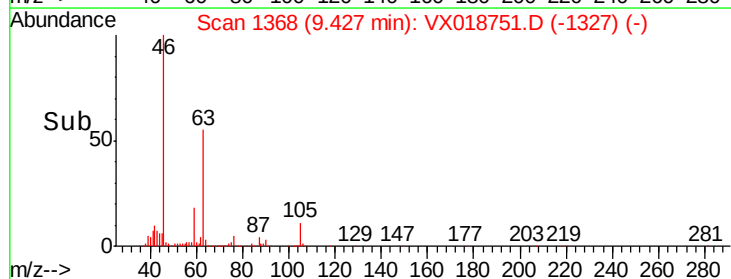
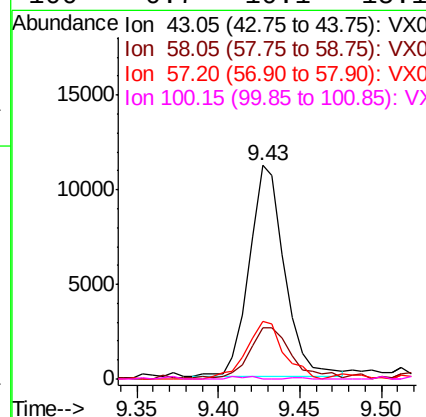
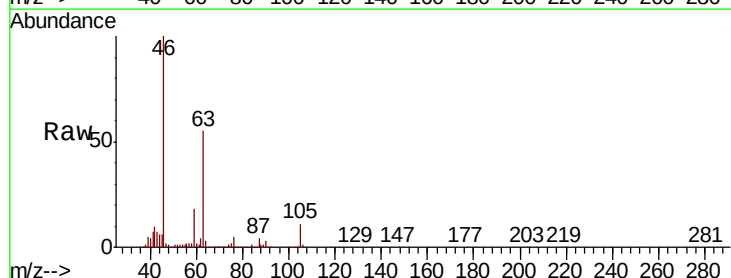
Ion Ratio Lower Upper

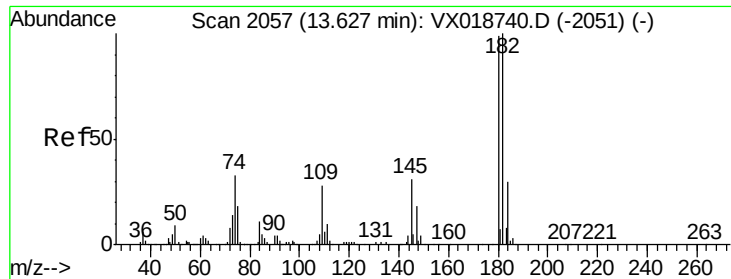
43 100

58 30.6 41.0 61.4#

57 28.9 15.9 23.9#

100 0.7 10.1 15.1#





#69

1,2,4-trichlorobenzene

Concen: 0.081 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018751.D

Acq: 02 Oct 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VHBLK01

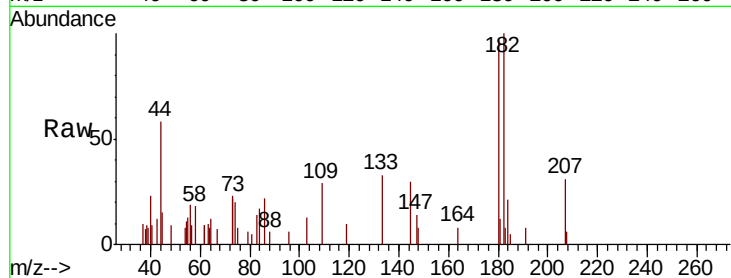
Tot Ion:180 Resp: 1173

Ion Ratio Lower Upper

180 100

182 116.0 80.2 120.4

145 43.7 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

