

Data File : VX018700.D
Acq On : 30 Sep 2020 16:12
Operator : JC/SP
Sample : VX0930WBL01
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VBLK75

Quant Time: Oct 01 02:39:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	233799	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	220356	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	97070	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49297	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.70	69	46048	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.34	63	93731	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.56	46	184581	59.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.34%
24) Chloroform-d	5.14	84	148166	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	6.03	65	83887	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	6.04	84	247748	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	7.37	67	80707	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	8.70	98	217535	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
45) trans-1,3-Dichloropropene-	8.99	79	32135	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
48) 2-Hexanone-d5	9.43	63	138608	56.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.30%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	61742	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	86872	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

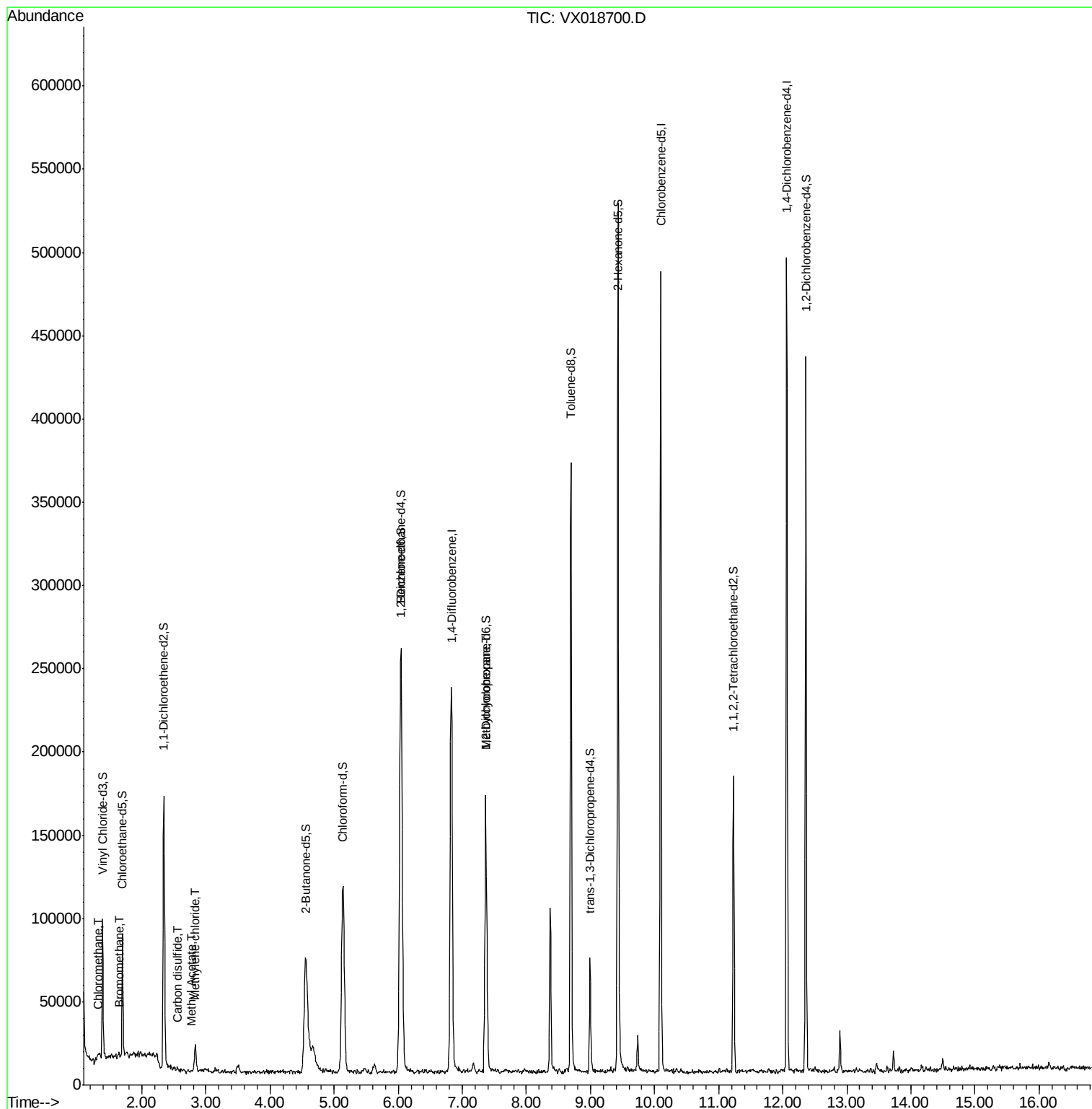
					Qvalue
3) Chloromethane	1.31	50	1064	0.088 ug/L	96
6) Bromomethane	1.64	94	1179	0.156 ug/L	77
14) Carbon disulfide	2.55	76	1849	0.053 ug/L	95
15) Methyl Acetate	2.78	43	337	0.071 ug/L #	82
16) Methylene chloride	2.83	84	7139	0.458 ug/L	88
35) Methylcyclohexane	7.37	83	20416	1.194 ug/L #	16

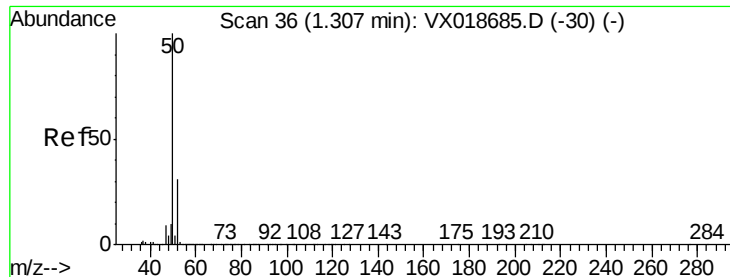
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.088 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.01 min

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Acq: 30 Sep 2020 16:12

Instrument :

MSVOA_X

ClientSampleId :

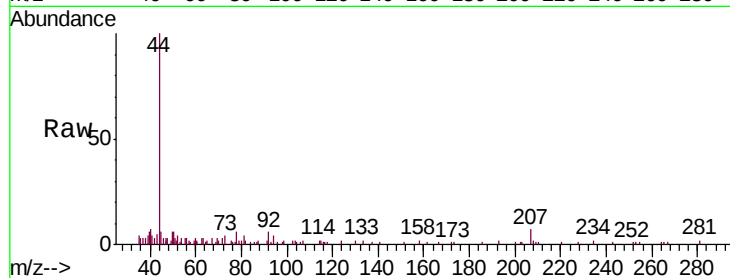
VBLK75

Tgt Ion: 50 Resp: 1064

Ion Ratio Lower Upper

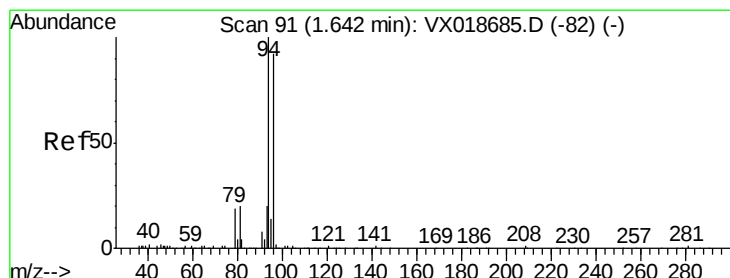
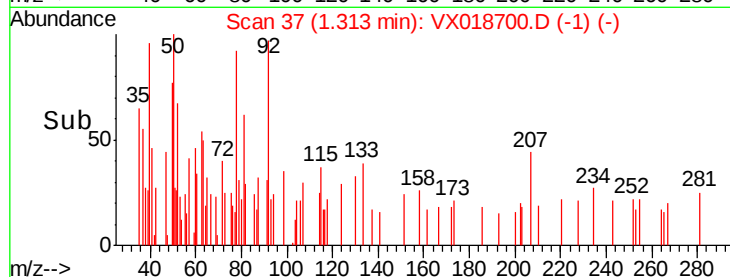
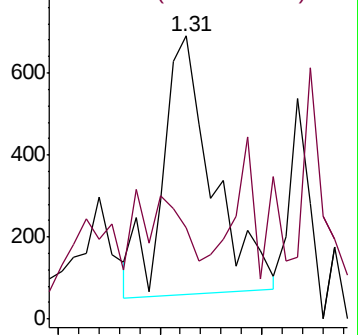
50 100

52 32.3 21.2 39.4



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#6

Bromomethane

Concen: 0.156 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018700.D

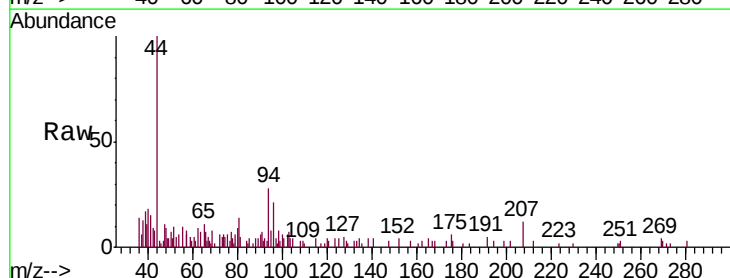
Acq: 30 Sep 2020 16:12

Tgt Ion: 94 Resp: 1179

Ion Ratio Lower Upper

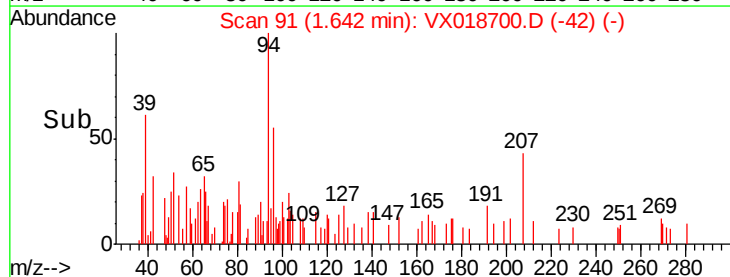
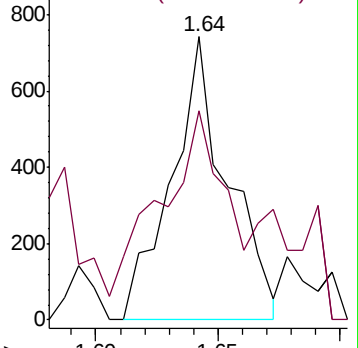
94 100

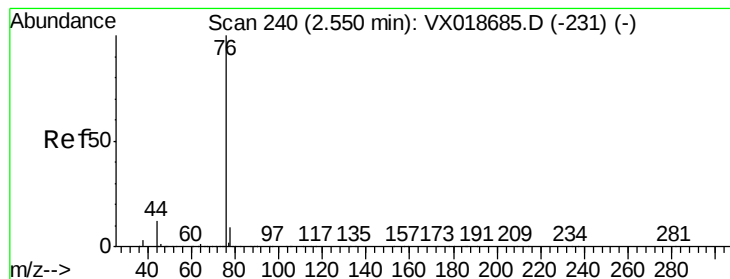
96 74.0 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0





#14

Carbon disulfide

Concen: 0.053 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

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Acq: 30 Sep 2020 16:12

Instrument :

MSVOA_X

ClientSampled :

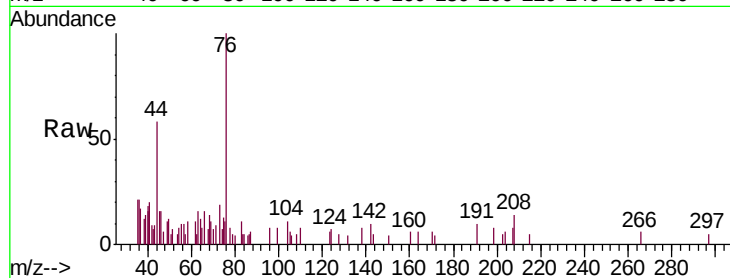
VBLK75

Tgt Ion: 76 Resp: 1849

Ion Ratio Lower Upper

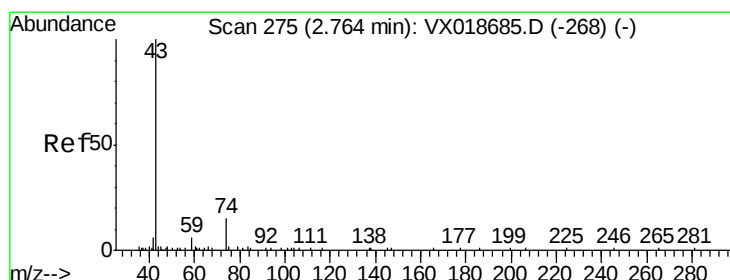
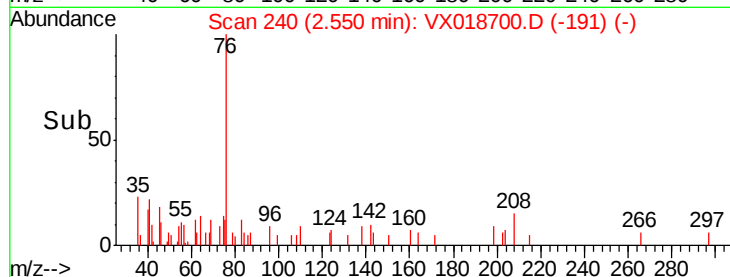
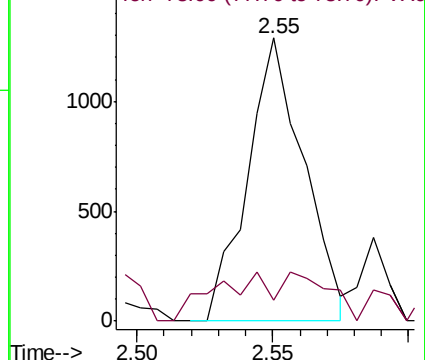
76 100

78 7.5 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0



#15

Methyl Acetate

Concen: 0.071 ug/L

RT: 2.78 min Scan# 277

Delta R.T. 0.01 min

Lab File: VX018700.D

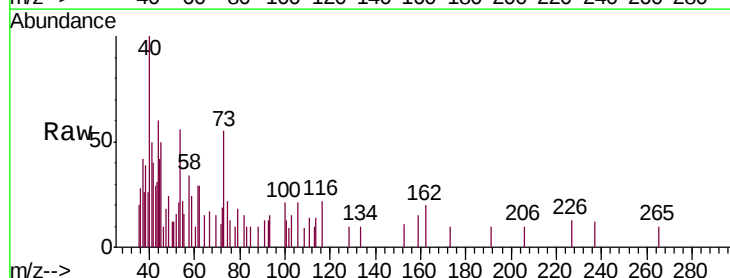
Acq: 30 Sep 2020 16:12

Tgt Ion: 43 Resp: 337

Ion Ratio Lower Upper

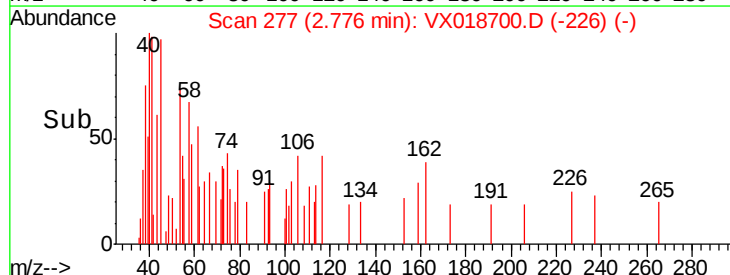
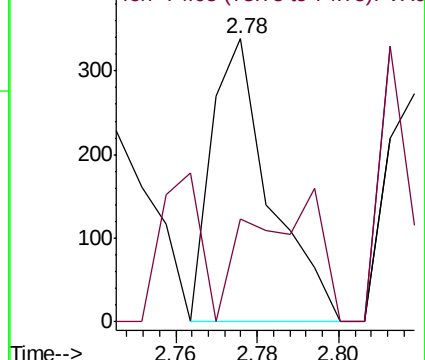
43 100

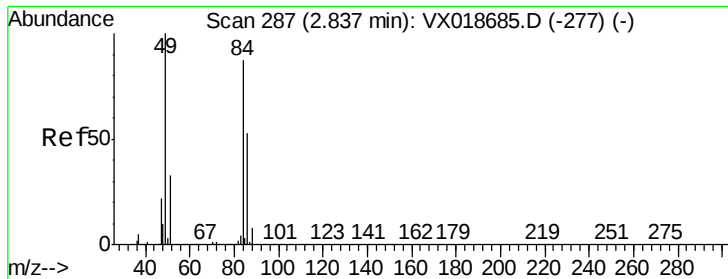
74 35.9 21.2 31.8#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0

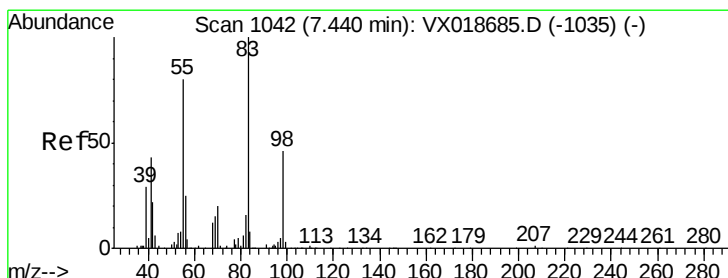
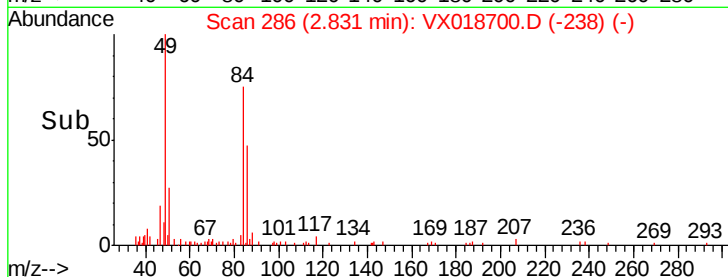
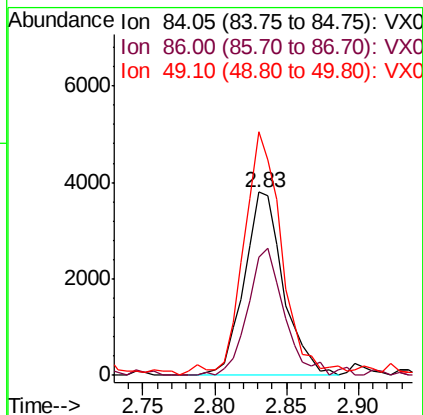
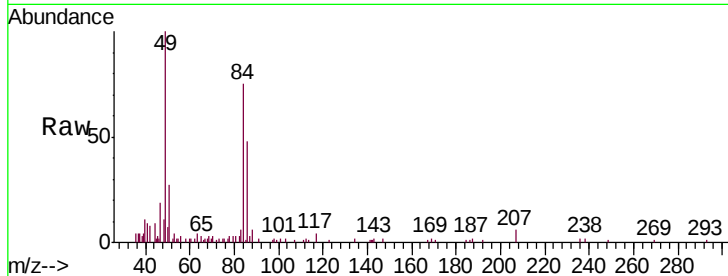




#16
Methylene chloride
Concen: 0.458 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018700.D
Acq: 30 Sep 2020 16:12

Instrument :
MSVOA_X
ClientSampleId :
VBLK75

Tgt Ion: 84 Resp: 7139
Ion Ratio Lower Upper
84 100
86 64.3 41.9 77.7
49 132.7 80.8 150.2



#35
Methylcyclohexane
Concen: 1.194 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018700.D
Acq: 30 Sep 2020 16:12

Tgt Ion: 83 Resp: 20416
Ion Ratio Lower Upper
83 100
55 1.3 67.4 101.0#
98 1.0 41.1 61.7#

