

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092820\
 Data File : VX018620.D
 Acq On : 28 Sep 2020 17:18
 Operator : JC/SP
 Sample : VX0928WBL01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK71

Quant Time: Sep 29 02:38:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 02:30:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	249527	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	242142	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	107468	5.00	ug/L	0.00

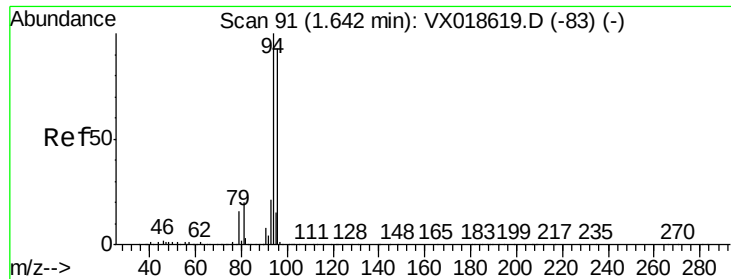
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	64085	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.70	69	52734	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.34	63	117160	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.56	46	177324	53.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.52%
24) Chloroform-d	5.14	84	154322	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	6.03	65	85359	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	6.05	84	282270	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	7.37	67	85170	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	8.70	98	254525	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
45) trans-1,3-Dichloropropene-	8.99	79	35614	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
48) 2-Hexanone-d5	9.43	63	140856	51.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.86%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	63623	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	92136	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

					Ovalue
6) Bromomethane	1.64	94	1351	0.167 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.35	101	1510	0.118 ug/L #	25
15) Methyl Acetate	2.74	43	385	0.075 ug/L #	81
16) Methylene chloride	2.84	84	5556	0.334 ug/L	90
35) Methylcyclohexane	7.37	83	21928	1.167 ug/L #	17
50) 2-Hexanone	9.43	43	17081	3.495 ug/L #	75

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



#6

Bromomethane

Concen: 0.167 ug/L

RT: 1.64 min Scan# 90

Delta R.T. -0.01 min

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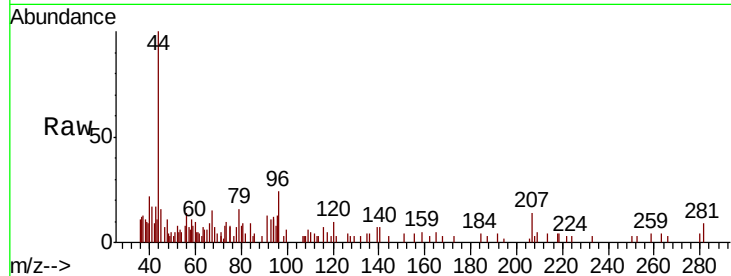
VBLK71

Tot Ion: 94 Resp: 1351

Ion Ratio Lower Upper

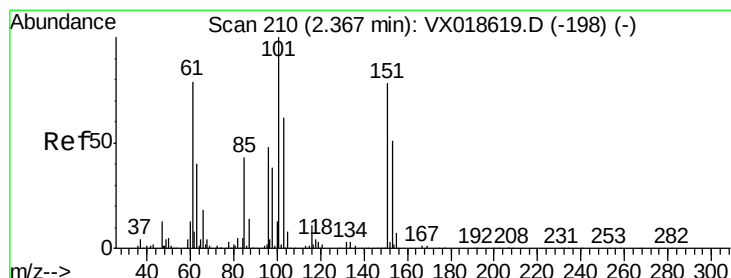
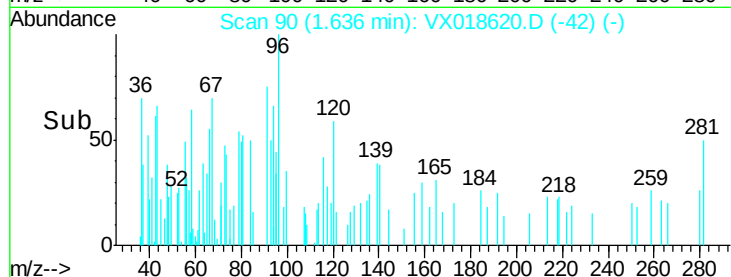
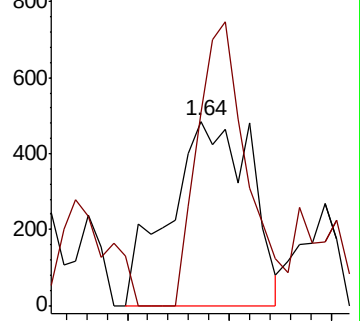
94 100

96 104.7 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.118 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.02 min

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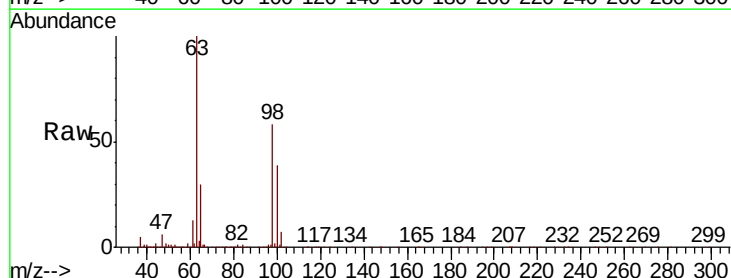
Tgt Ion: 101 Resp: 1510

Ion Ratio Lower Upper

101 100

85 13.4 36.1 54.1#

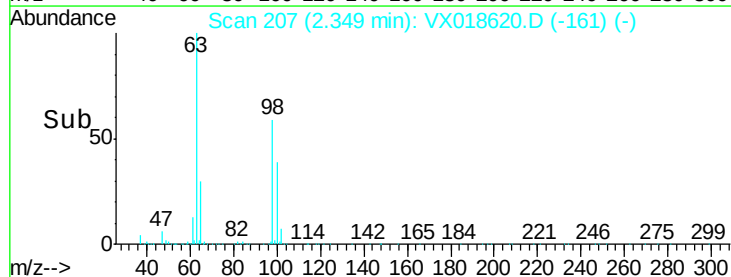
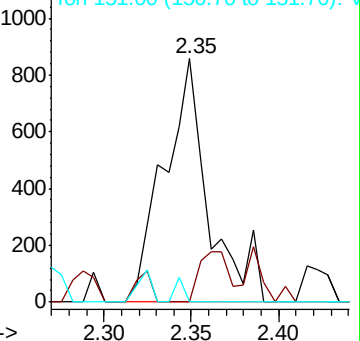
151 2.2 65.5 98.3#

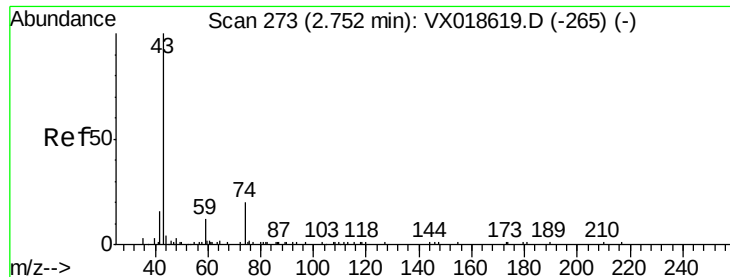


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V





#15

Methvl Acetate

Concen: 0.075 ug/L

RT: 2.74 min Scan# 271

Delta R.T. -0.01 min

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ClientSampleId :

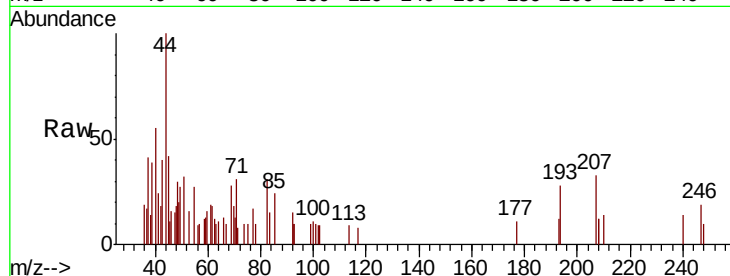
VBLK71

Tot Ion: 43 Resp: 385

Ion Ratio Lower Upper

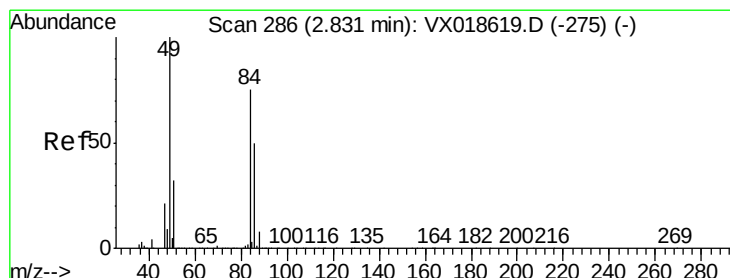
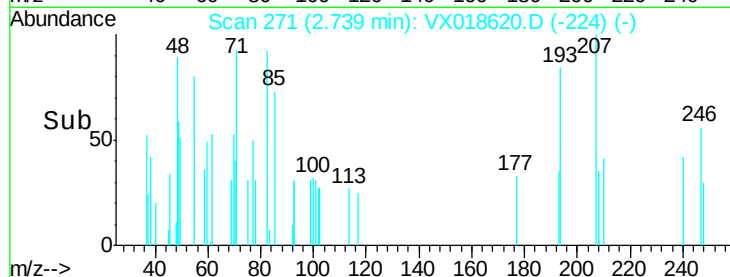
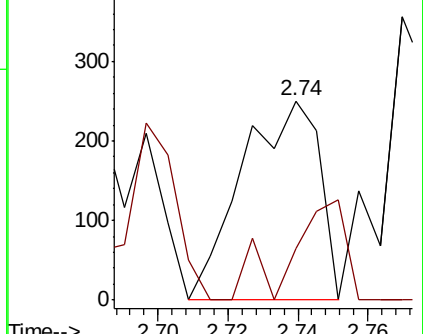
43 100

74 36.1 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: 0.334 ug/L

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

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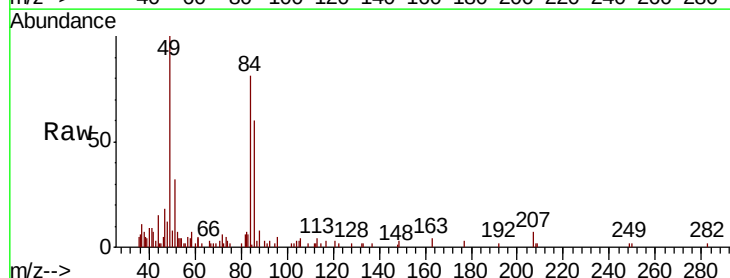
Tgt Ion: 84 Resp: 5556

Ion Ratio Lower Upper

84 100

86 73.3 41.9 77.7

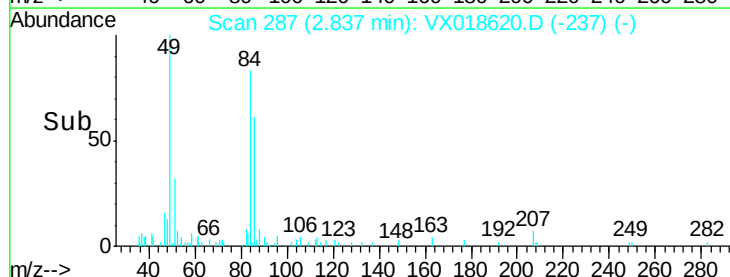
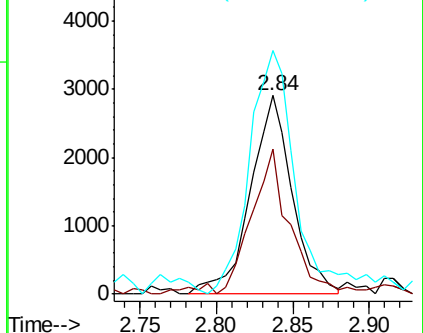
49 122.7 80.8 150.2

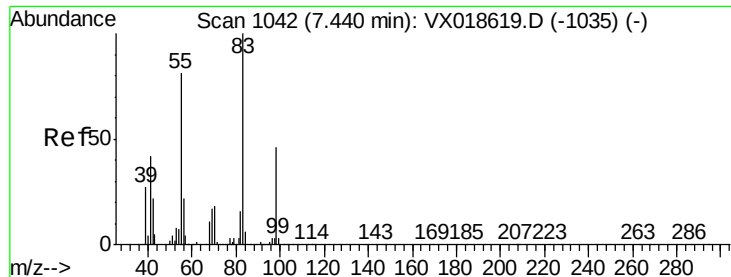


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0

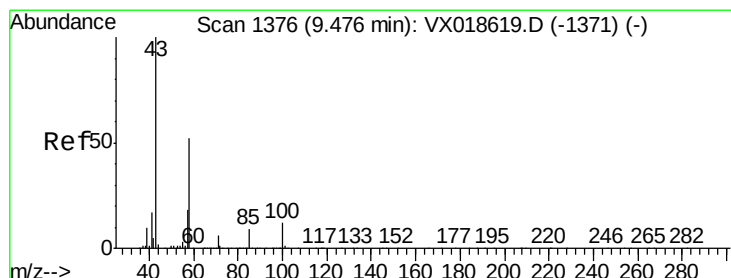
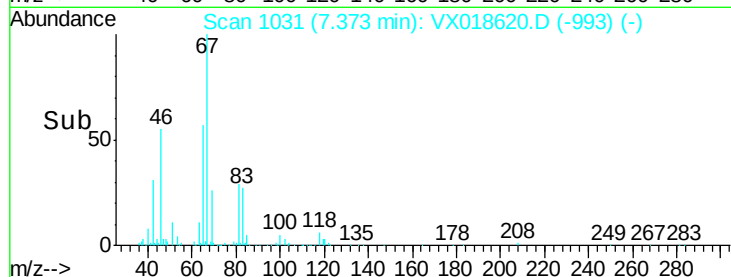
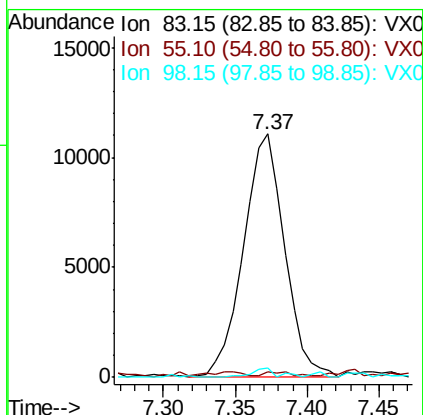
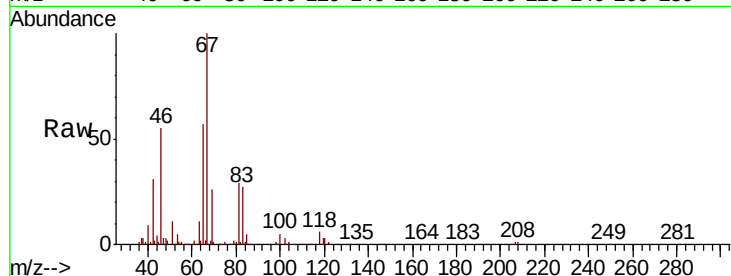




#35
Methylvlcyclohexane
Concen: 1.167 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
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Tot Ion: 83 Resp: 21928
Ion Ratio Lower Upper
83 100
55 1.7 67.4 101.0#
98 2.4 41.1 61.7#



#50
2-Hexanone
Concen: 3.495 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VX018620.D
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Tgt Ion: 43 Resp: 17081
Ion Ratio Lower Upper
43 100
58 36.0 42.5 63.7#
57 34.8 15.9 23.9#
100 4.0 9.4 14.0#

