

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
 Data File : VX018693.D
 Acq On : 30 Sep 2020 12:33
 Operator : JC/SP
 Sample : L4143-12
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 01 01:08:24 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	220981	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	211641	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	93524	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44680	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.70	69	40808	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.34	63	83197	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.56	46	150765	51.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.26%
24) Chloroform-d	5.14	84	120643	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	6.03	65	72801	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	6.05	84	213115	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	7.37	67	65977	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	8.70	98	182458	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
45) trans-1,3-Dichloropropene-	8.99	79	26710	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
48) 2-Hexanone-d5	9.43	63	114166	48.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.30%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	52207	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	70741	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

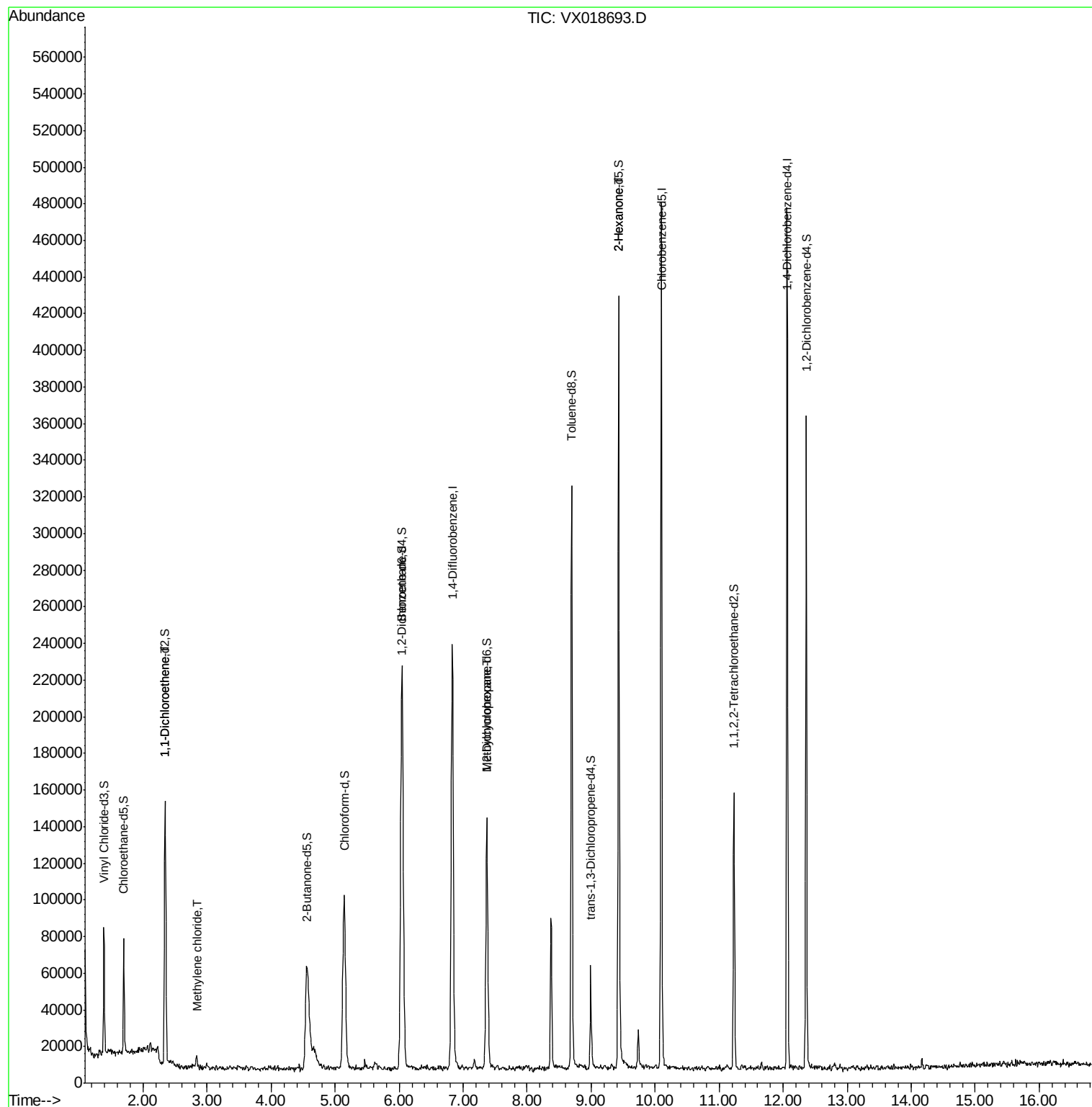
					Ovalue
12) 1,1-Dichloroethene	2.35	96	1646	0.153 ug/L #	1
16) Methylene chloride	2.83	84	3419	0.232 ug/L	95
35) Methylcyclohexane	7.37	83	18980	1.156 ug/L #	16
50) 2-Hexanone	9.43	43	16760	3.924 ug/L #	73

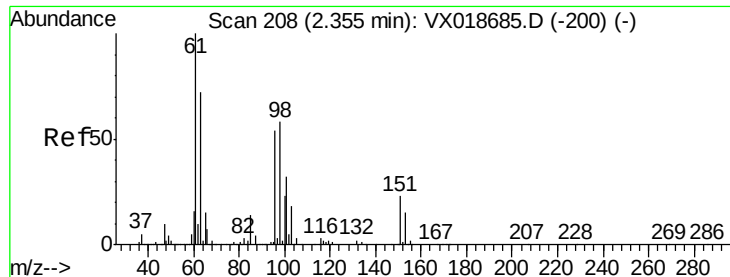
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.153 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

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Acq: 30 Sep 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

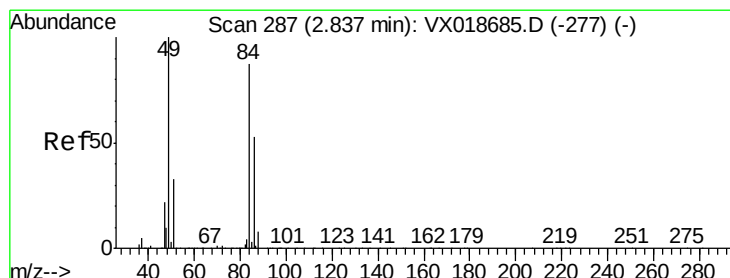
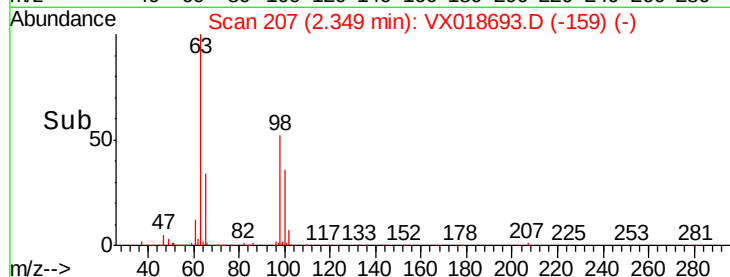
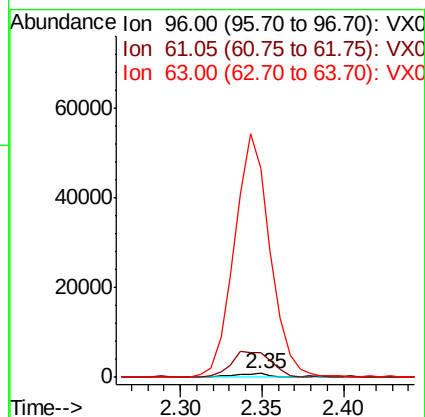
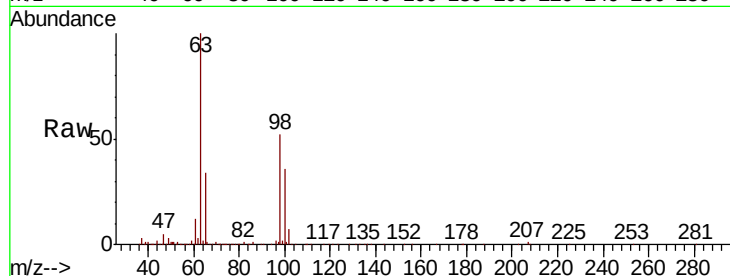
Tot Ion: 96 Resp: 1646

Ion Ratio Lower Upper

96 100

61 656.1 123.8 229.8#

63 5485.2 104.7 194.4#



#16

Methylene chloride

Concen: 0.232 ug/L

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX018693.D

Acq: 30 Sep 2020 12:33

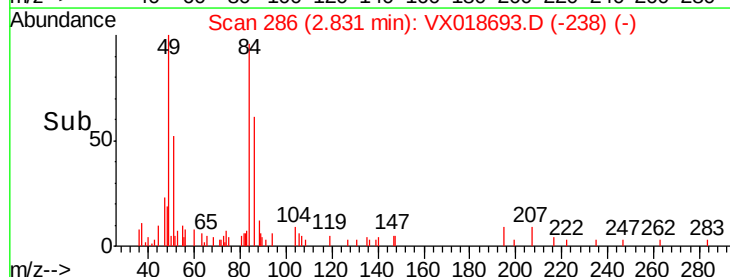
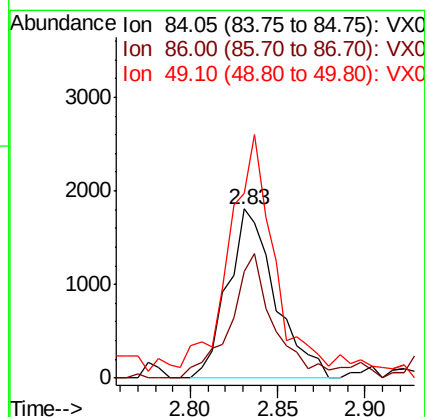
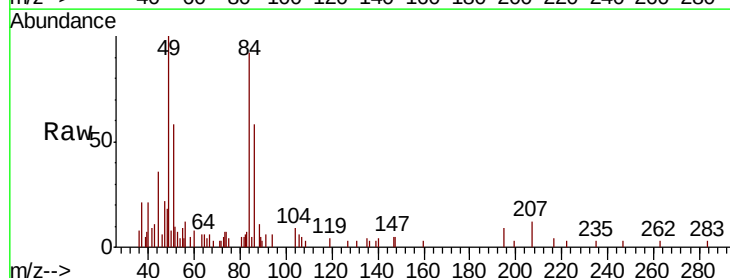
Tgt Ion: 84 Resp: 3419

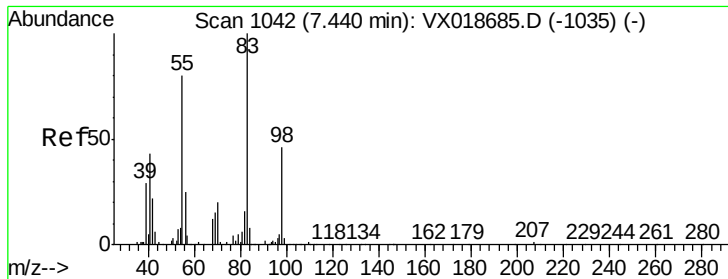
Ion Ratio Lower Upper

84 100

86 63.3 41.9 77.7

49 109.2 80.8 150.2

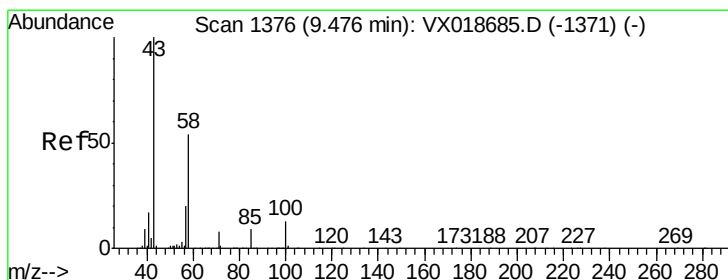
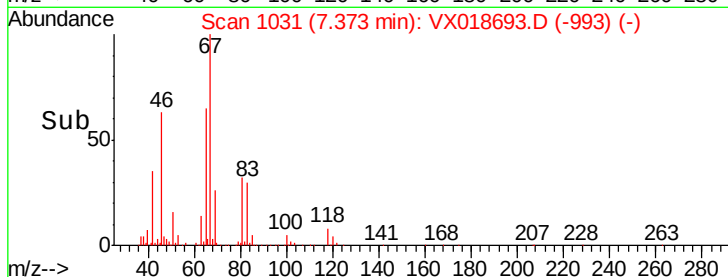
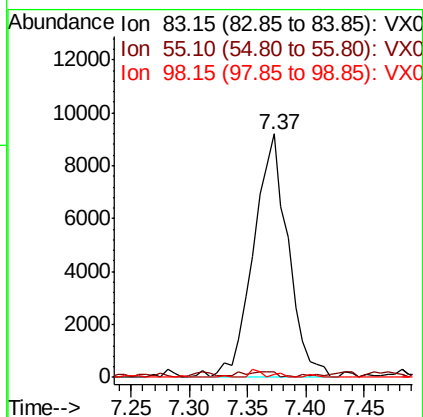
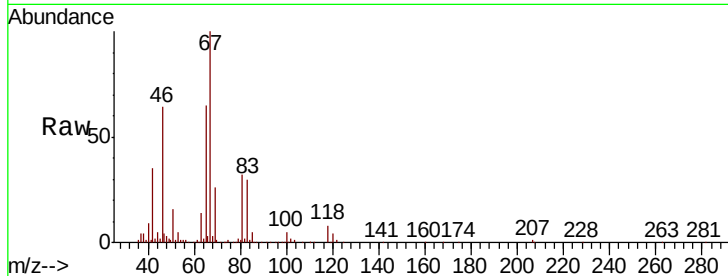




#35
Methylcyclohexane
Concen: 1.156 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018693.D
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ClientSampleId :

Tot Ion: 83 Resp: 18980
Ion Ratio Lower Upper
83 100
55 1.6 67.4 101.0#
98 0.6 41.1 61.7#



#50
2-Hexanone
Concen: 3.924 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VX018693.D
Acq: 30 Sep 2020 12:33

Tgt Ion: 43 Resp: 16760
Ion Ratio Lower Upper
43 100
58 34.8 42.5 63.7#
57 35.1 15.9 23.9#
100 2.3 9.4 14.0#

