

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039207.D
 Acq On : 29 Jun 2020 21:22
 Operator : SY/MD
 Sample : L3104-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F62

Quant Time: Jun 30 01:40:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 01:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	214561	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	217396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	93369	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	51745	2.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.60%
7) Chloroethane-d5	1.93	69	56148	3.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.20%
11) 1,1-Dichloroethene-d2	2.59	63	64732	1.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	35.20%#
20) 2-Butanone-d5	4.67	46	295626	49.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.30%
24) Chloroform-d	5.10	84	146859	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.74	65	90866	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	5.76	84	265339	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
36) 1,2-Dichloropropane-d6	6.72	67	90497	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	7.92	98	198901	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.80%#
43) trans-1,3-Dichloropropene-	8.20	79	28219	2.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.00%
46) 2-Hexanone-d5	8.65	63	214324	46.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	82557	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	84519	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

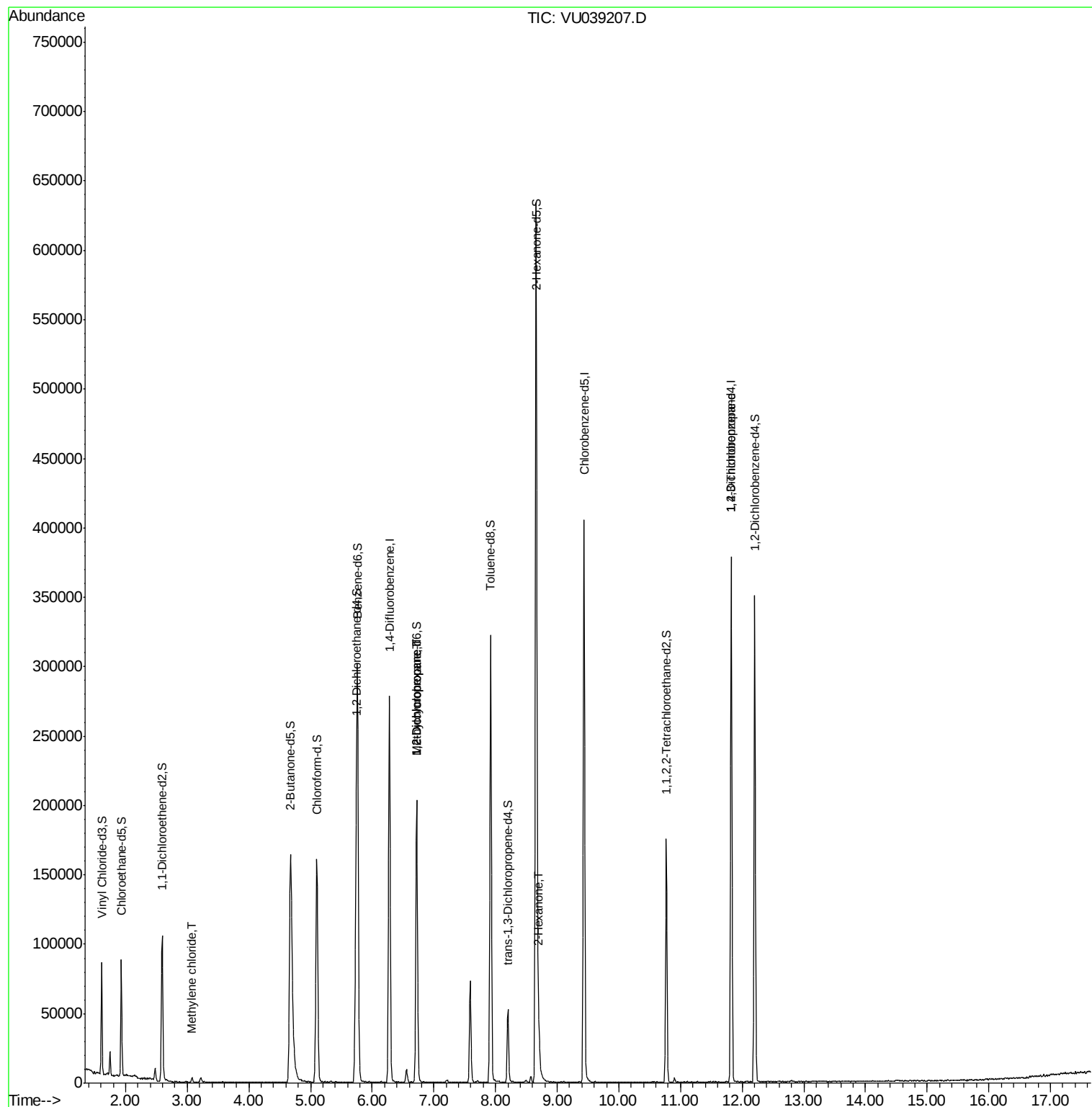
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	1355	0.072	ug/L	84
35) Methylcyclohexane	6.72	83	22064	0.827	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	10415	0.560	ug/L #	87
48) 2-Hexanone	8.70	43	13159	1.284	ug/L #	96
59) 1,2,3-Trichloropropane	11.82	75	12940	0.925	ug/L	93

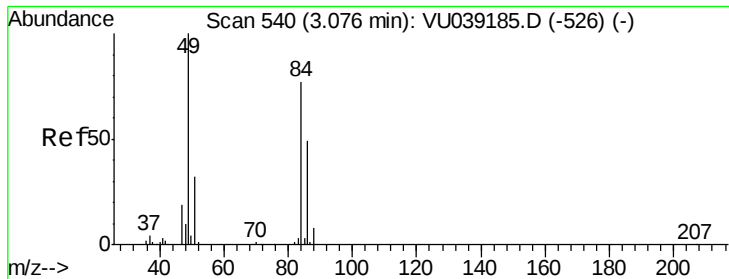
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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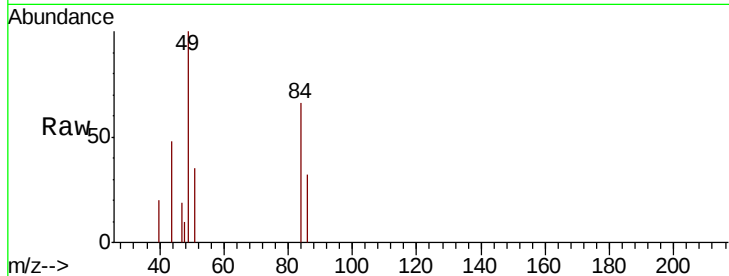




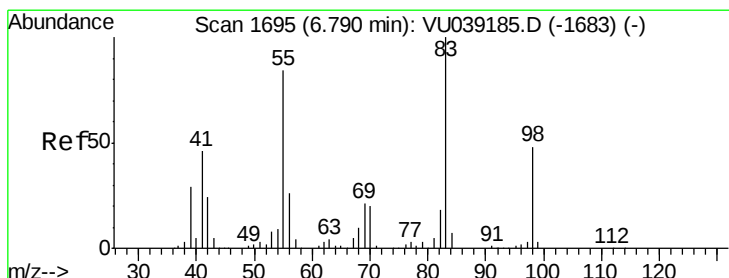
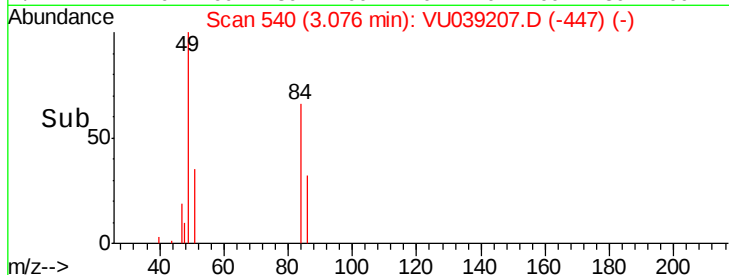
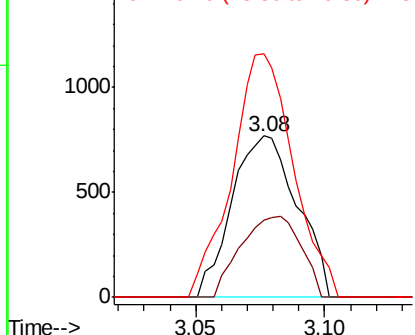
#16
Methvlene chloride
Concen: 0.072 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU039207.D
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Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion: 84 Resp: 1355
Ion Ratio Lower Upper
84 100
86 48.2 44.2 82.2
49 151.0 93.2 173.0

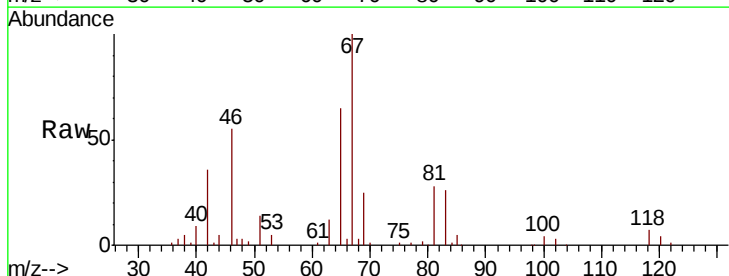


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

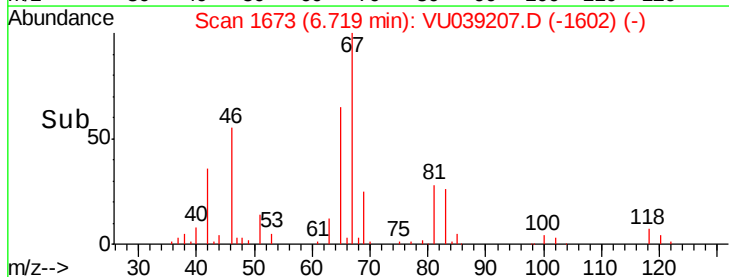
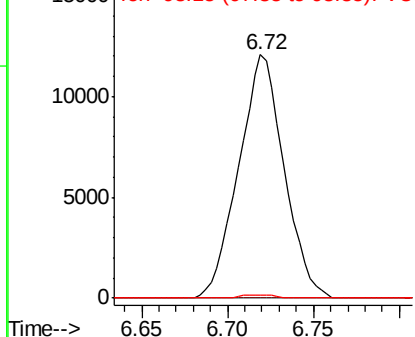


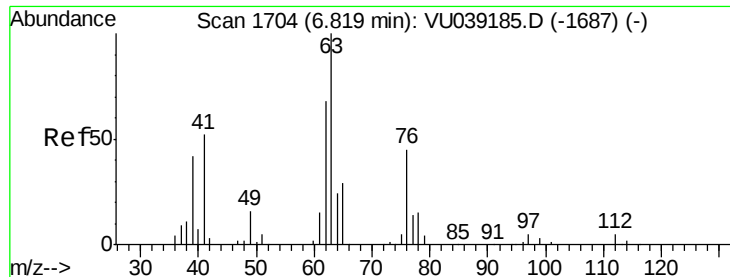
#35
Methylcyclohexane
Concen: 0.827 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039207.D
Acq: 29 Jun 2020 21:22

Tgt Ion: 83 Resp: 22064
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 0.9 38.2 57.4#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

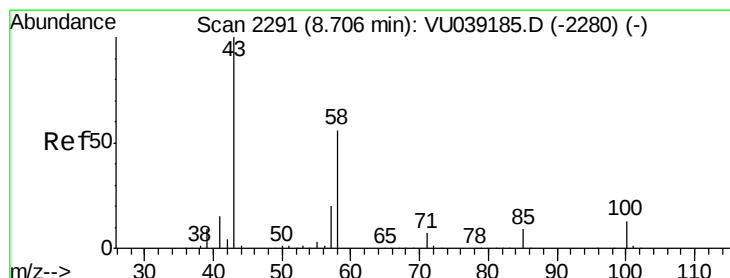
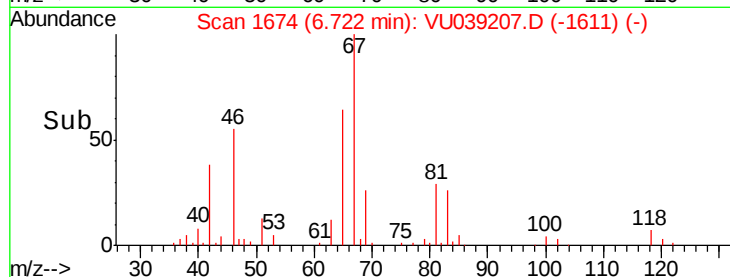
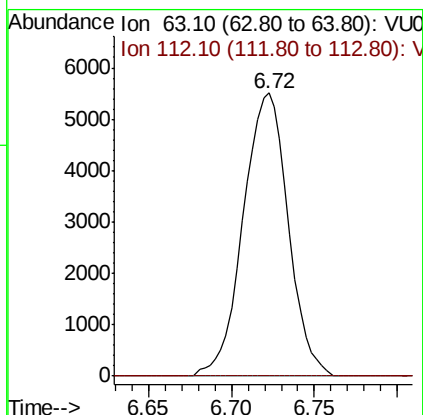
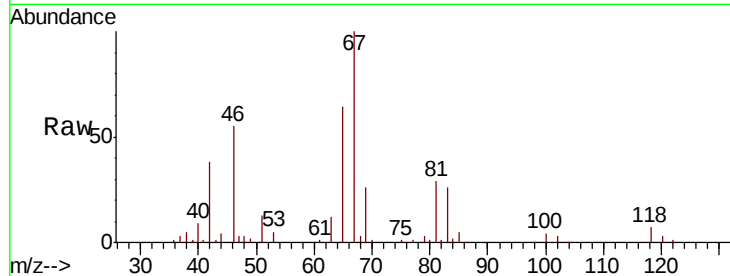




#37
 1,2-Dichloropropane
 Concen: 0.560 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU039207.D
 Acq: 29 Jun 2020 21:22

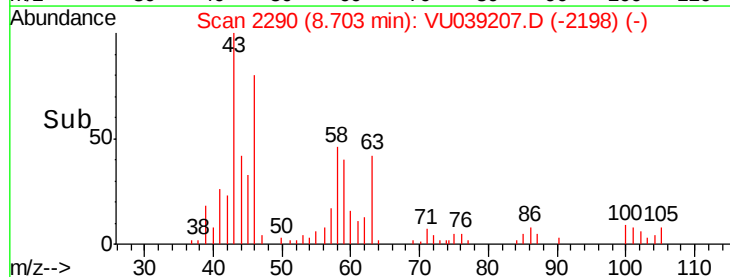
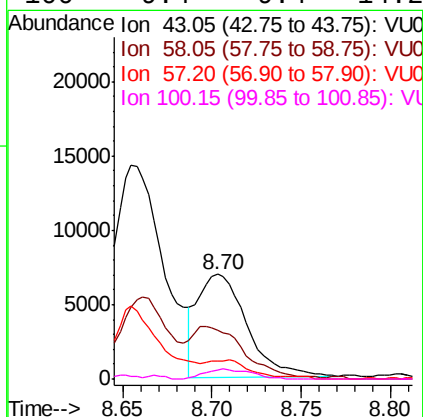
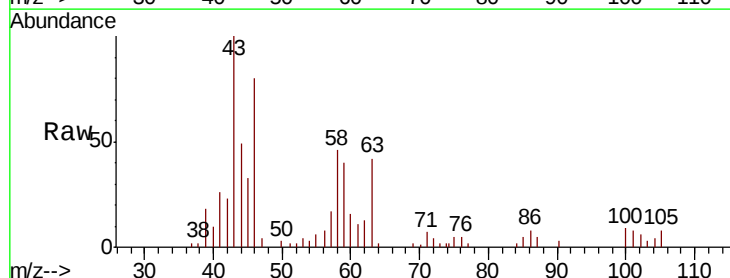
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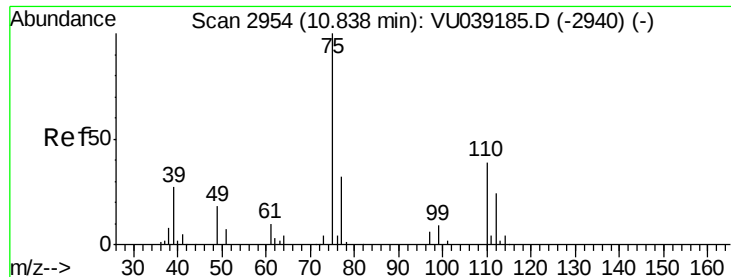
Tot Ion: 63 Resp: 10415
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#48
 2-Hexanone
 Concen: 1.284 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VU039207.D
 Acq: 29 Jun 2020 21:22

Tgt Ion: 43 Resp: 13159
 Ion Ratio Lower Upper
 43 100
 58 54.1 43.6 65.4
 57 14.2 15.6 23.4#
 100 9.4 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.925 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039207.D

Acq: 29 Jun 2020 21:22

Instrument :

MSVOA_U

ClientSampleId :

F9F62

Tot Ion: 75 Resp: 12940

Ion Ratio Lower Upper

75 100

77 35.7 25.6 38.4

