

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082721\
 Data File : VU044527.D
 Acq On : 27 Aug 2021 11:02
 Operator : SY/MD
 Sample : VU0827WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 28 01:20:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 28 01:19:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

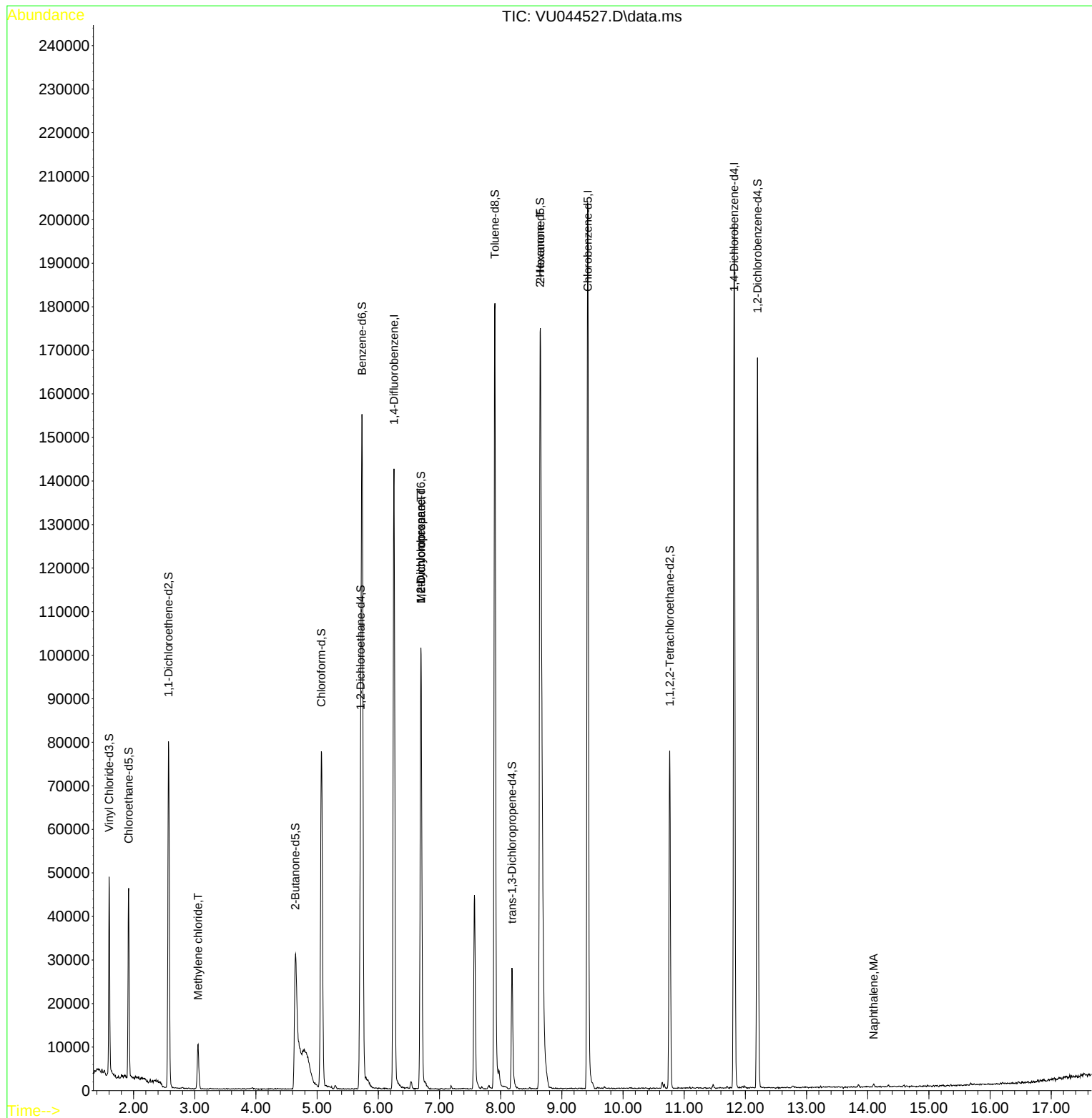
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110937	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	113269	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	49168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	31419	3.502	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.919	69	32372	4.151	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.572	65	15400	4.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.645	46	75578	30.458	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.920%
24) Chloroform-d	5.070	84	72039	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.710	65	40718	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.735	84	143010	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.697	67	48966	4.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.906	98	122780	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.185	79	16862	4.601	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.645	63	102466	51.707	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.420%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	41173	4.791	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	41371	4.980	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	4704	0.371	ug/L	92
35) Methylcyclohexane	6.697	83	11202	0.707	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	5258	0.523	ug/L #	88
48) 2-Hexanone	8.649	43	14903	3.057	ug/L #	62
71) Naphthalene	14.098	128	1097	0.066	ug/L #	69

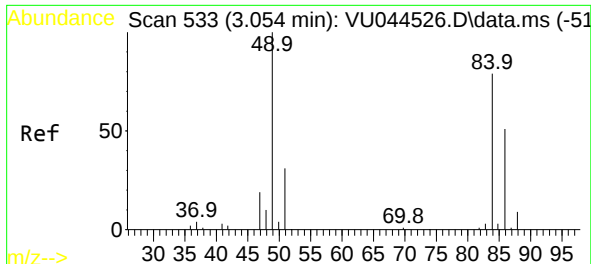
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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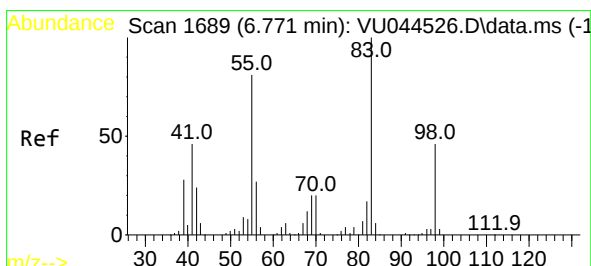
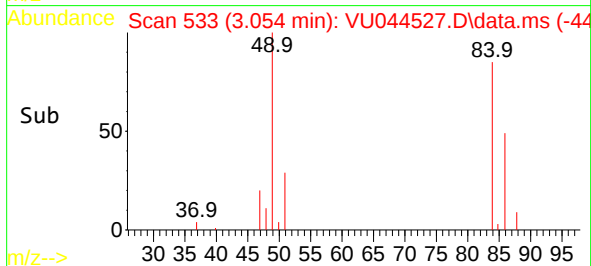
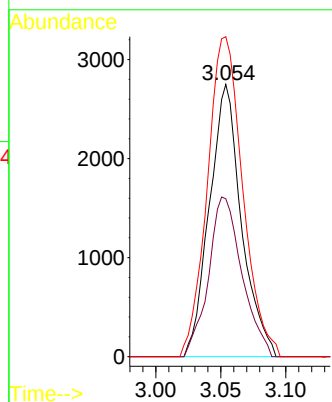
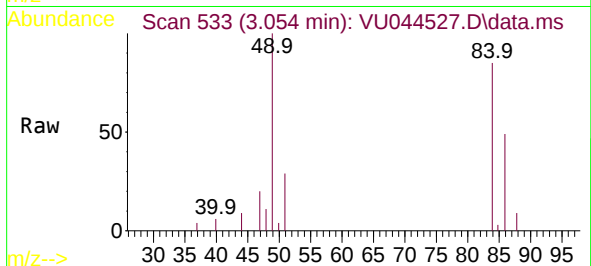




#16
Methylene chloride
Concen: 0.371 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044527.D
Acq: 27 Aug 2021 11:02

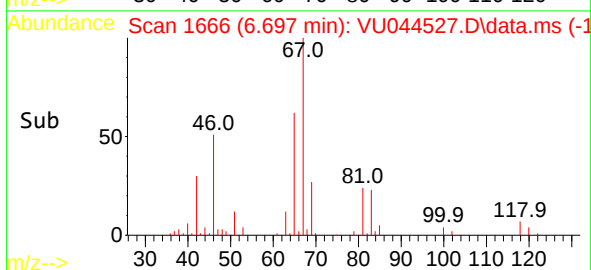
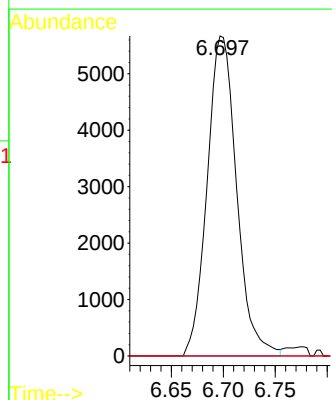
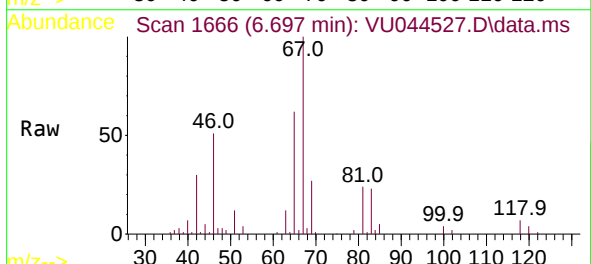
Instrument :
MSVOA_U
ClientSampleId :

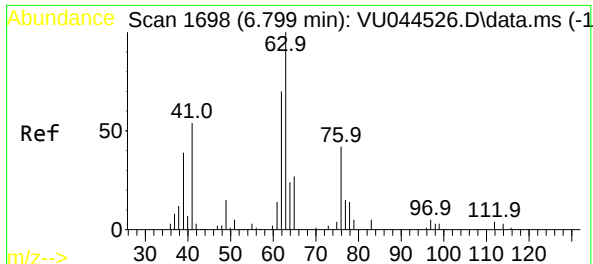
Tgt Ion: 84 Resp: 4704
Ion Ratio Lower Upper
84 100
86 58.0 45.2 84.0
49 117.5 88.8 165.0



#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044527.D
Acq: 27 Aug 2021 11:02

Tgt Ion: 83 Resp: 11202
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.2 37.5 56.3#

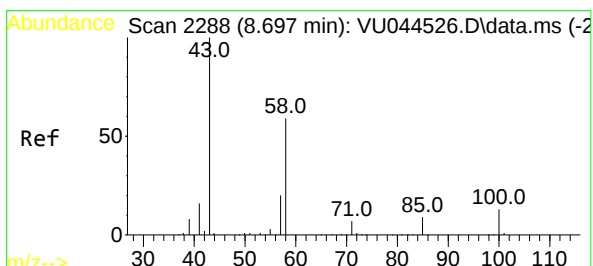
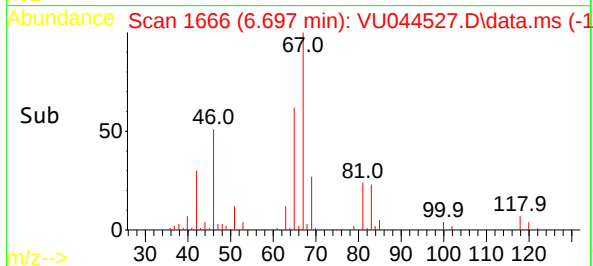
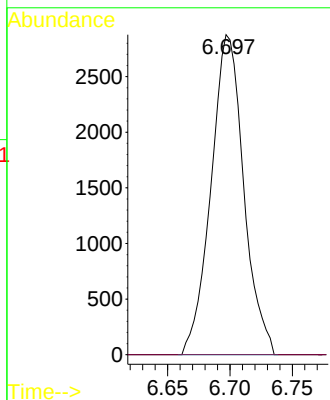
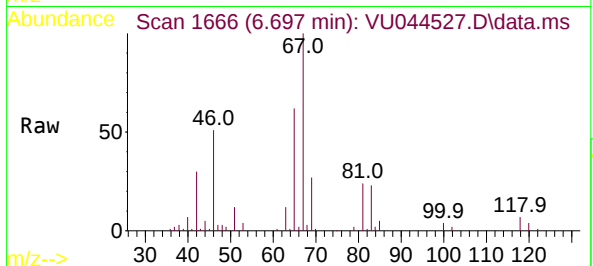




#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044527.D
Acq: 27 Aug 2021 11:02

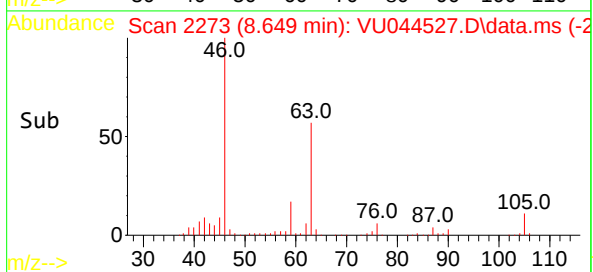
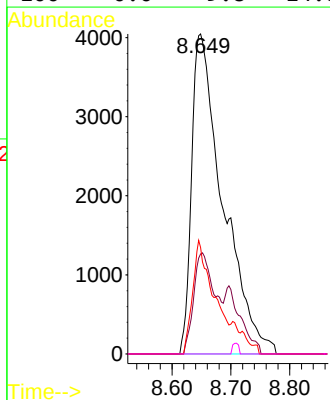
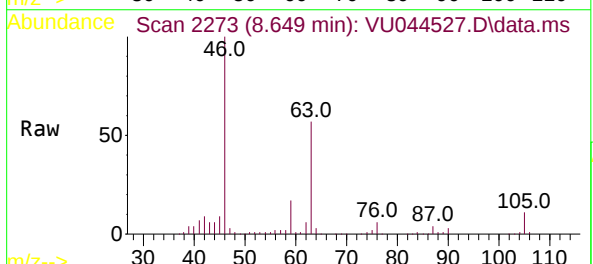
Instrument :
MSVOA_U
ClientSampled :

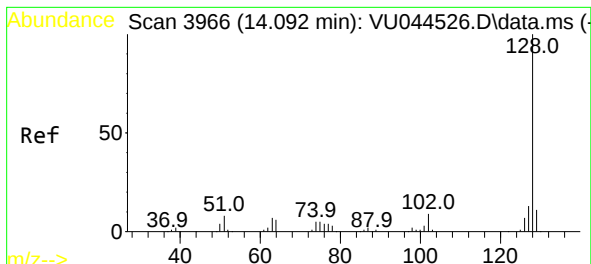
Tgt Ion: 63 Resp: 5258
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#48
2-Hexanone
Concen: 3.057 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU044527.D
Acq: 27 Aug 2021 11:02

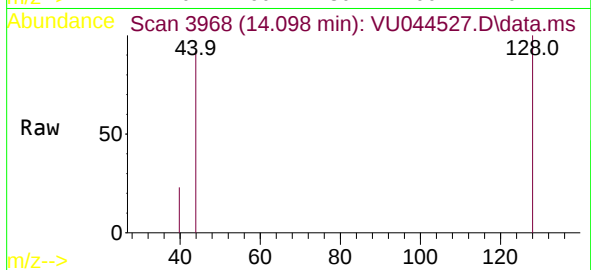
Tgt Ion: 43 Resp: 14903
Ion Ratio Lower Upper
43 100
58 21.9 46.5 69.7#
57 23.8 15.8 23.8#
100 0.0 9.8 14.8#





#71
Naphthalene
Concen: 0.066 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.007 min
Lab File: VU044527.D
Acq: 27 Aug 2021 11:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1097
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 10.4 15.6#

