

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082421\
 Data File : VU044518.D
 Acq On : 24 Aug 2021 12:53
 Operator : SY/MD
 Sample : M3518-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Aug 25 03:51:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 25 03:50:31 2021
 Response via : Initial Calibration

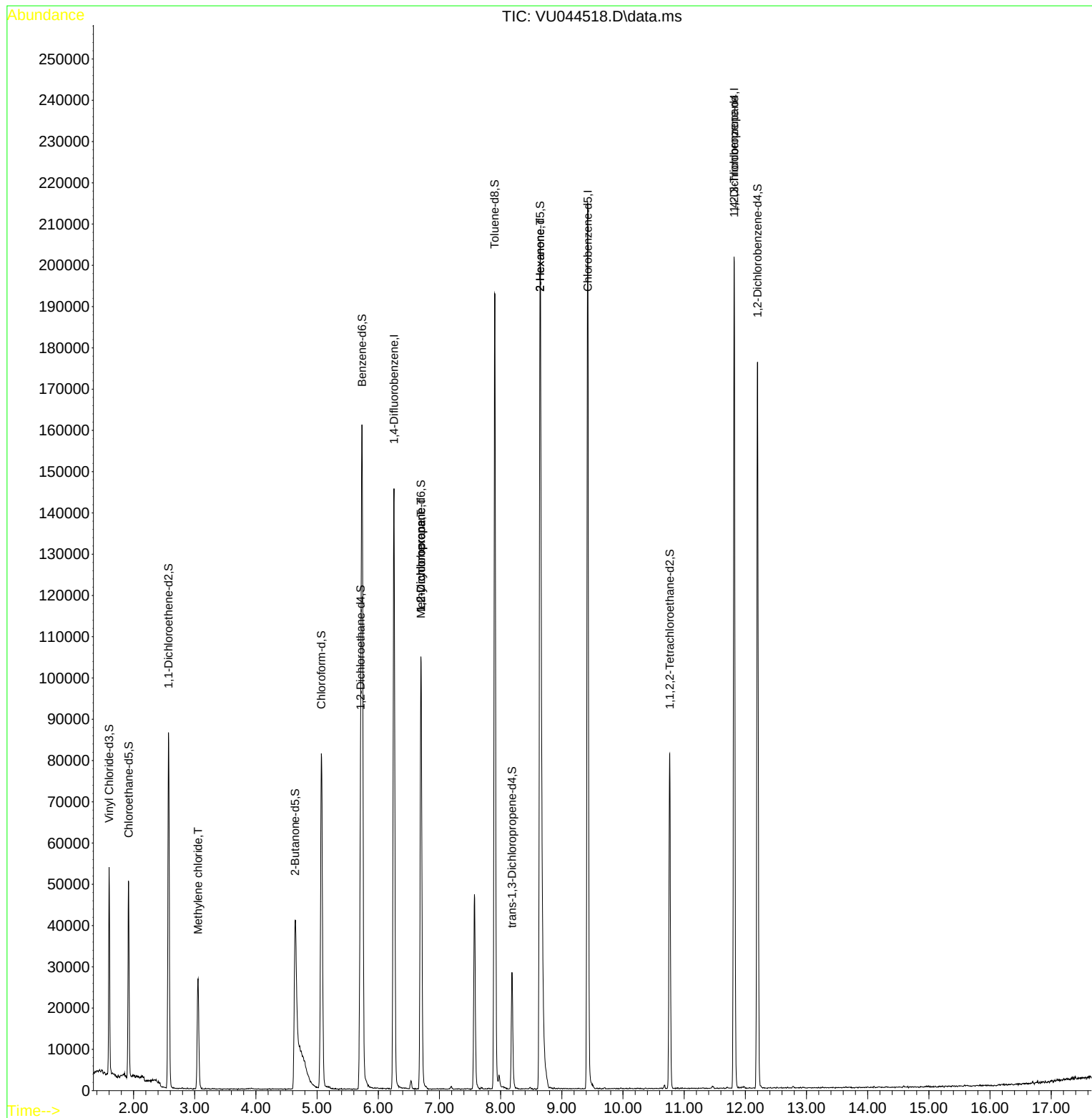
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	113599	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	115036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	50328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35136	3.824	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.919	69	34560	4.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.572	65	16507	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.642	46	91435	35.985	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.960%
24) Chloroform-d	5.070	84	75125	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.710	65	41602	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.736	84	149887	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.697	67	49928	4.818	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.903	98	127172	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.186	79	16651	4.474	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.646	63	103442	51.398	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.800%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	41912	4.802	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	43330	5.096	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
16) Methylene chloride	3.054	84	12961	0.999	ug/L	94
35) Methylcyclohexane	6.700	83	11436	0.711	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	5413	0.530	ug/L #	88
48) 2-Hexanone	8.646	43	14014	2.830	ug/L #	66
61) 1,2,3-Trichloropropane	11.816	75	7222	1.148	ug/L #	67

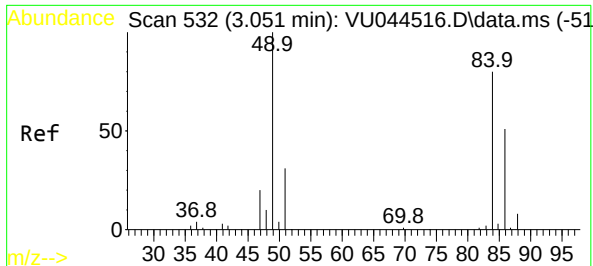
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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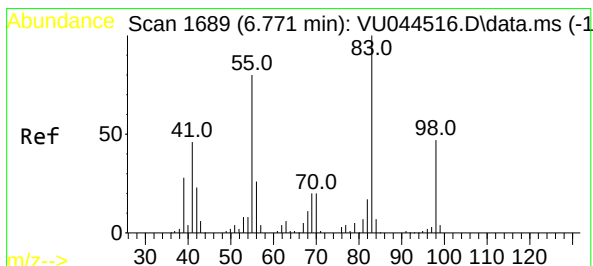
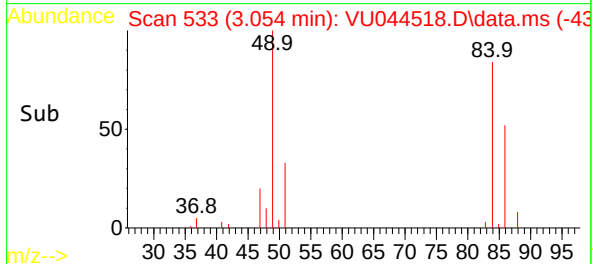
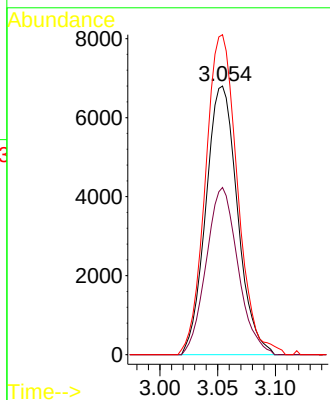
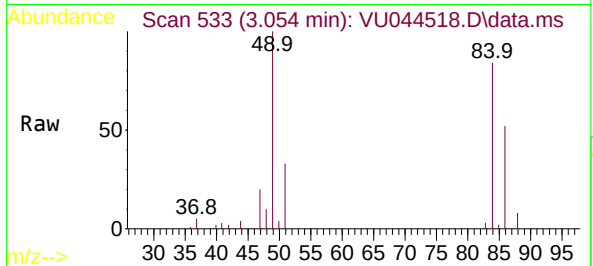




#16
Methylene chloride
Concen: 0.999 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.004 min
Lab File: VU044518.D
Acq: 24 Aug 2021 12:53

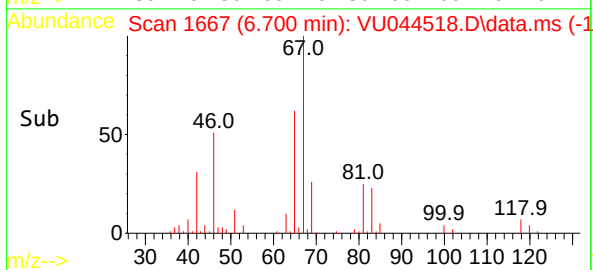
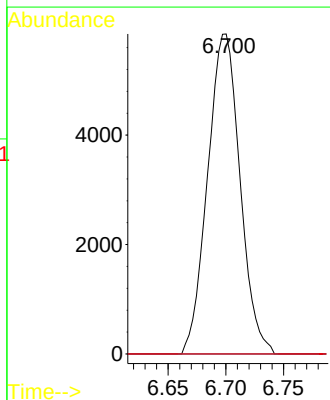
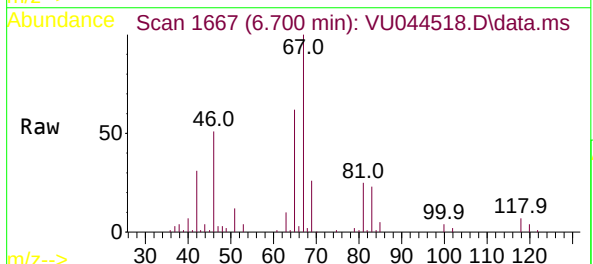
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

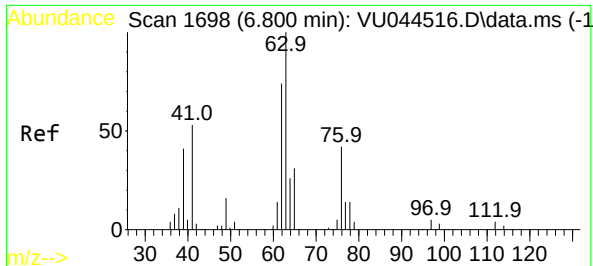
Tgt Ion: 84 Resp: 12961
Ion Ratio Lower Upper
84 100
86 62.2 45.2 84.0
49 119.1 88.8 165.0



#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.070 min
Lab File: VU044518.D
Acq: 24 Aug 2021 12:53

Tgt Ion: 83 Resp: 11436
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.2 37.5 56.3#



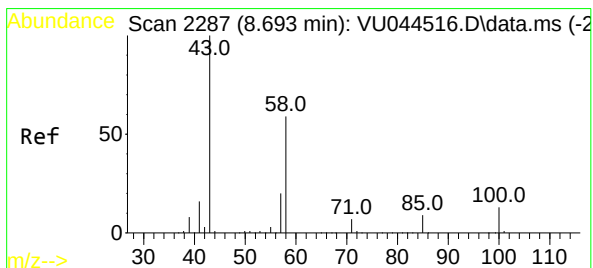
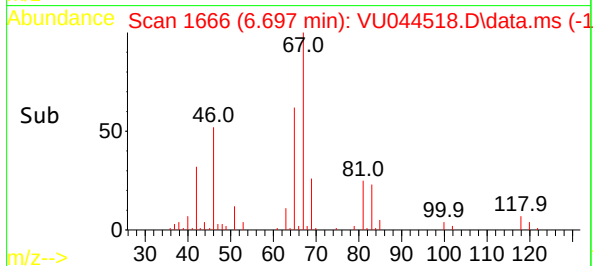
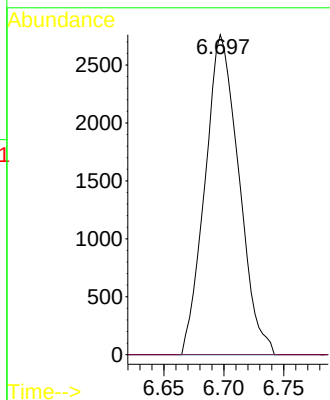
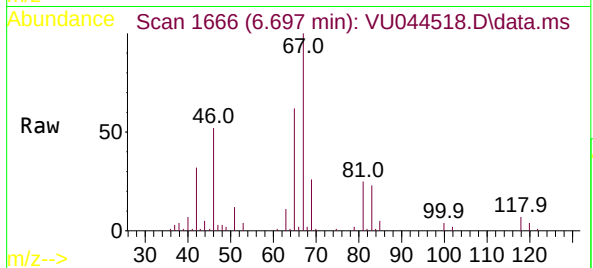


#37

1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044518.D
Acq: 24 Aug 2021 12:53

Instrument :
MSVOA_U
ClientSampled :
VHBLK001

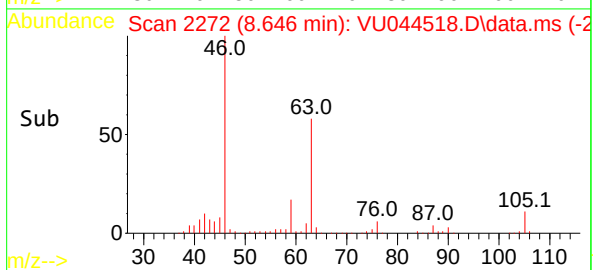
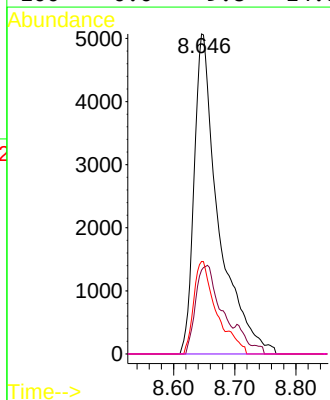
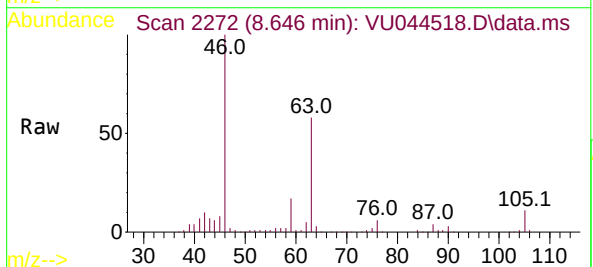
Tgt Ion: 63 Resp: 5413
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

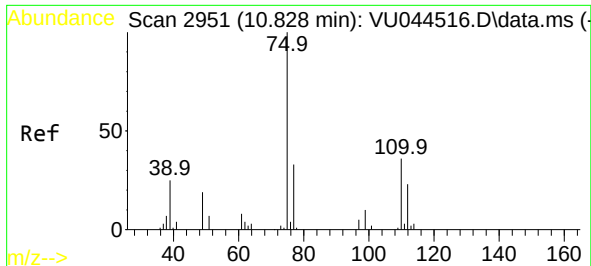


#48

2-Hexanone
Concen: 2.830 ug/L
RT: 8.646 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044518.D
Acq: 24 Aug 2021 12:53

Tgt Ion: 43 Resp: 14014
Ion Ratio Lower Upper
43 100
58 27.6 46.5 69.7#
57 27.2 15.8 23.8#
100 0.0 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.148 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044518.D
 Acq: 24 Aug 2021 12:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 7222
 Ion Ratio Lower Upper
 75 100
 110 0.3 28.4 42.6#
 77 34.6 26.5 39.7

