

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091621\
 Data File : VU044657.D
 Acq On : 16 Sep 2021 11:31
 Operator : SY/MD
 Sample : VU0916WBL07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 03:01:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 17 02:59:59 2021
 Response via : Initial Calibration

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

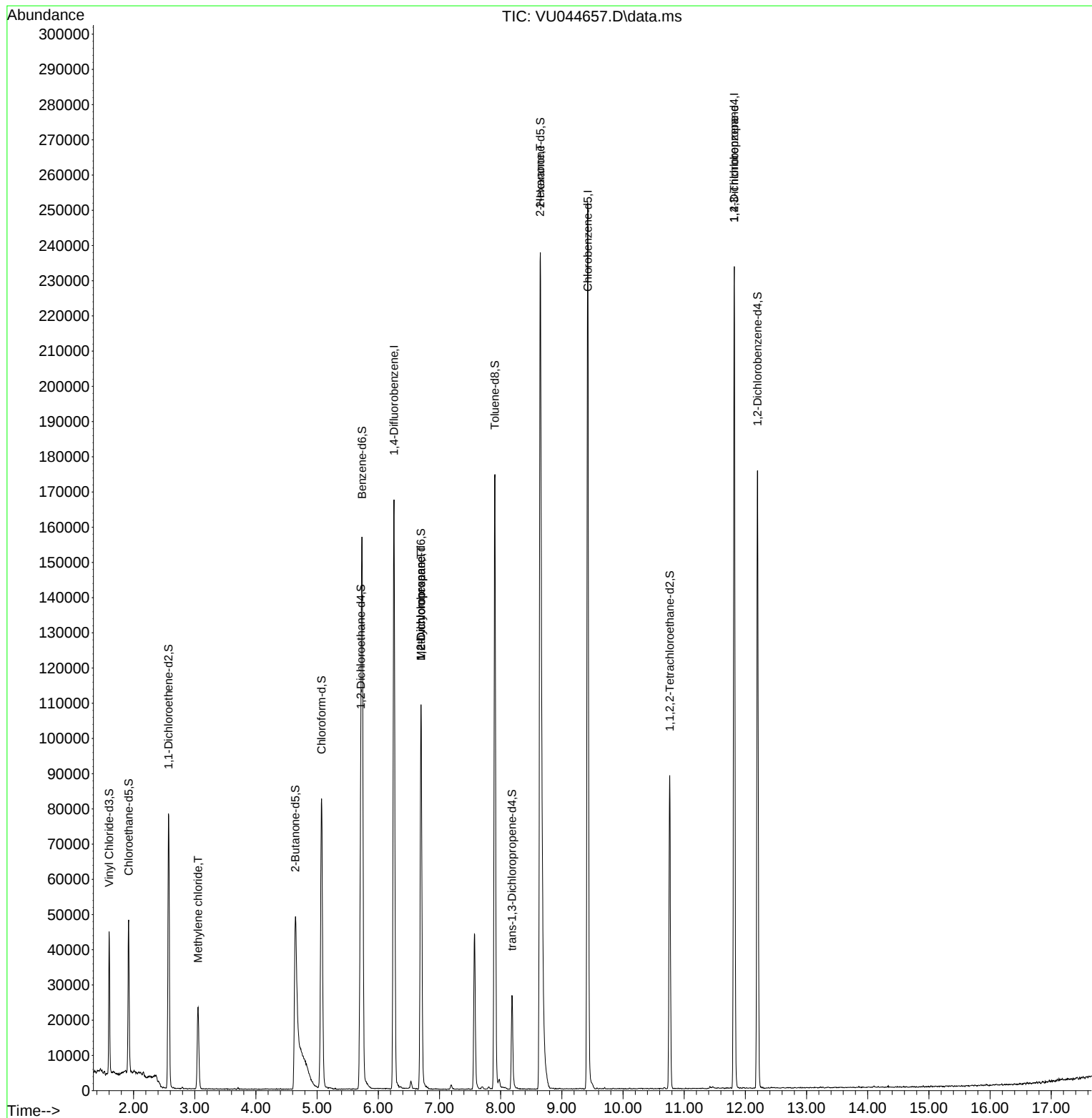
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	128660	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	130504	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	57272	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27912	3.677	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.919	69	31508	4.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.572	65	15404	4.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.646	46	103966	32.670	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.340%
24) Chloroform-d	5.073	84	74350	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.713	65	45206	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.736	84	141056	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.697	67	50594	4.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.906	98	110727	3.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.186	79	15297	3.971	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.649	63	117138	47.313	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.620%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	45464	4.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	42163	4.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.054	84	10785	0.821	ug/L	96
35) Methylcyclohexane	6.697	83	11238	0.713	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5494	0.529	ug/L #	88
48) 2-Hexanone	8.645	43	18349	3.052	ug/L #	63
61) 1,2,3-Trichloropropane	11.819	75	8132	1.285	ug/L #	66

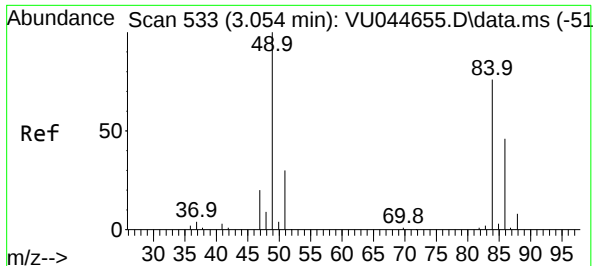
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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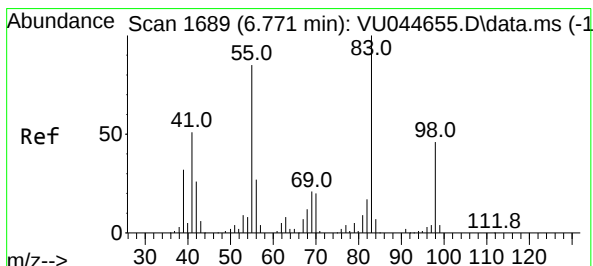
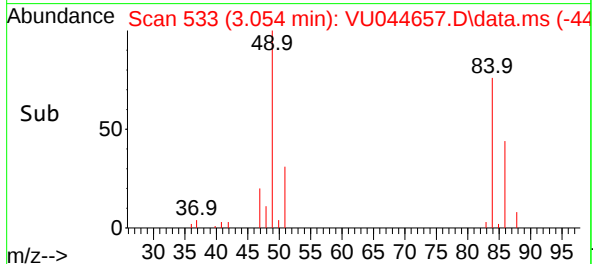
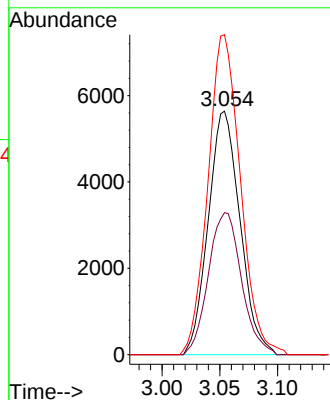
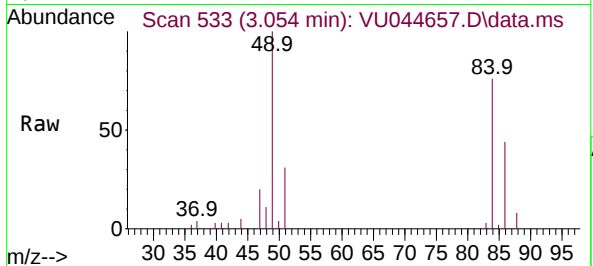




#16
Methylene chloride
Concen: 0.821 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044657.D
Acq: 16 Sep 2021 11:31

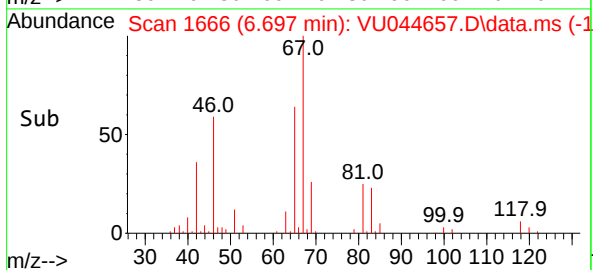
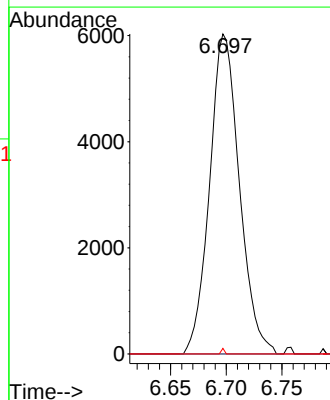
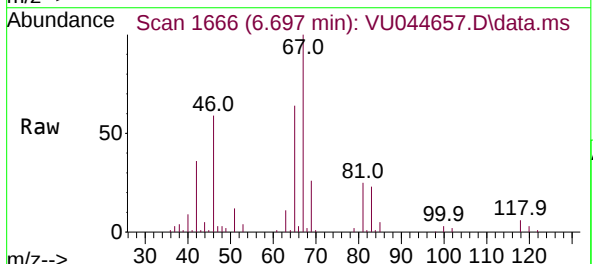
Instrument :
MSVOA_U
ClientSampleId :

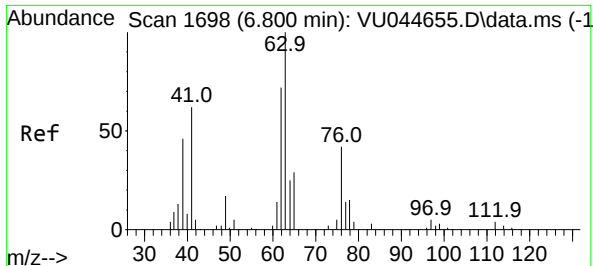
Tgt Ion: 84 Resp: 10785
Ion Ratio Lower Upper
84 100
86 58.3 45.8 85.2
49 131.4 92.9 172.5



#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044657.D
Acq: 16 Sep 2021 11:31

Tgt Ion: 83 Resp: 11238
Ion Ratio Lower Upper
83 100
55 0.0 68.3 102.5#
98 0.2 37.3 55.9#



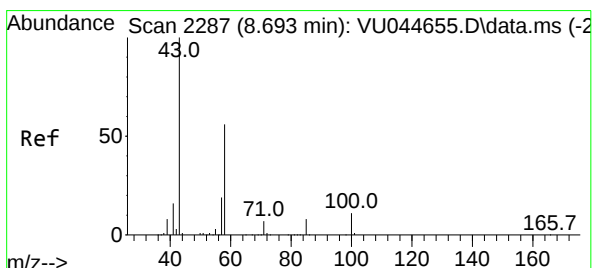
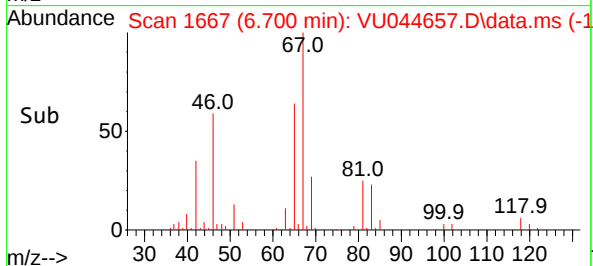
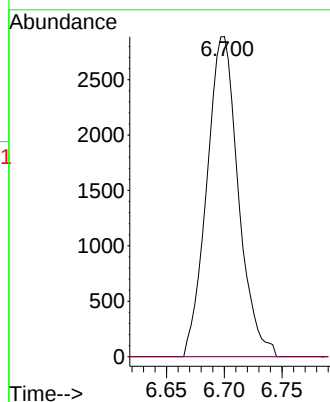
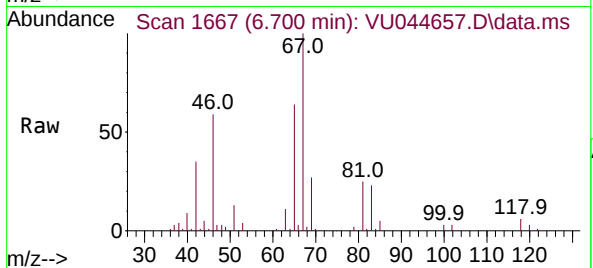


#37

1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU044657.D
Acq: 16 Sep 2021 11:31

Instrument :
MSVOA_U
ClientSampled :

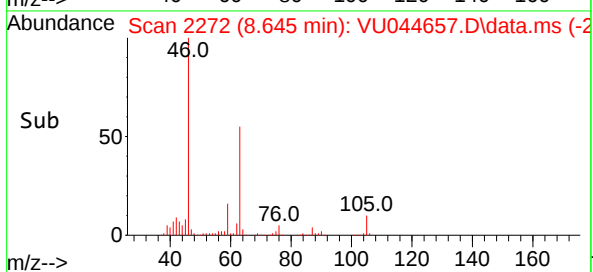
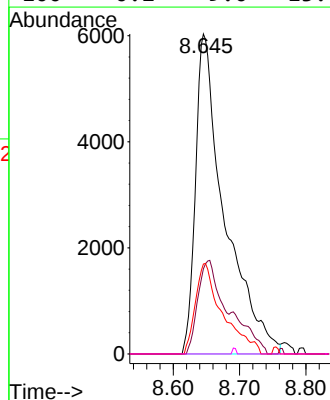
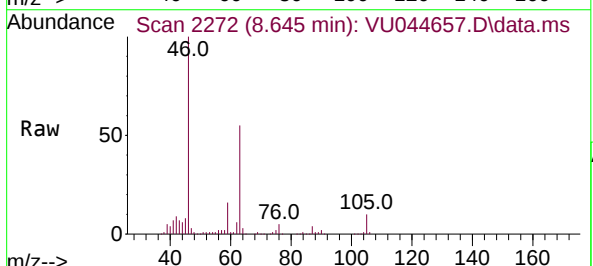
Tgt Ion: 63 Resp: 5494
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

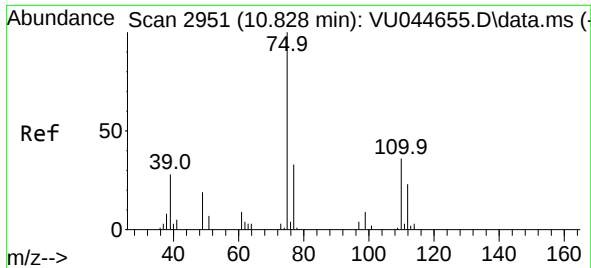


#48

2-Hexanone
Concen: 3.052 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044657.D
Acq: 16 Sep 2021 11:31

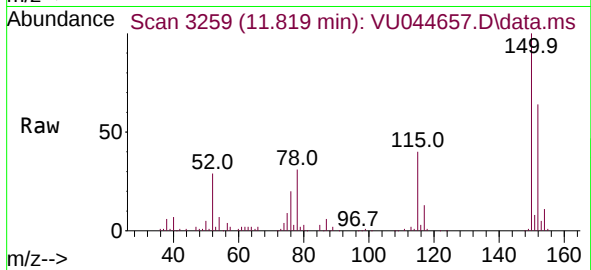
Tgt Ion: 43 Resp: 18349
Ion Ratio Lower Upper
43 100
58 22.6 44.6 66.8#
57 26.5 14.8 22.2#
100 0.2 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.285 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.991 min
 Lab File: VU044657.D
 Acq: 16 Sep 2021 11:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8132
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.8 43.2#
 77 29.7 25.9 38.9

