

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
 Data File : VU046576.D
 Acq On : 23 Dec 2021 19:25
 Operator : SY/MD
 Sample : M5175-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 24 04:57:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 24 04:54:59 2021
 Response via : Initial Calibration

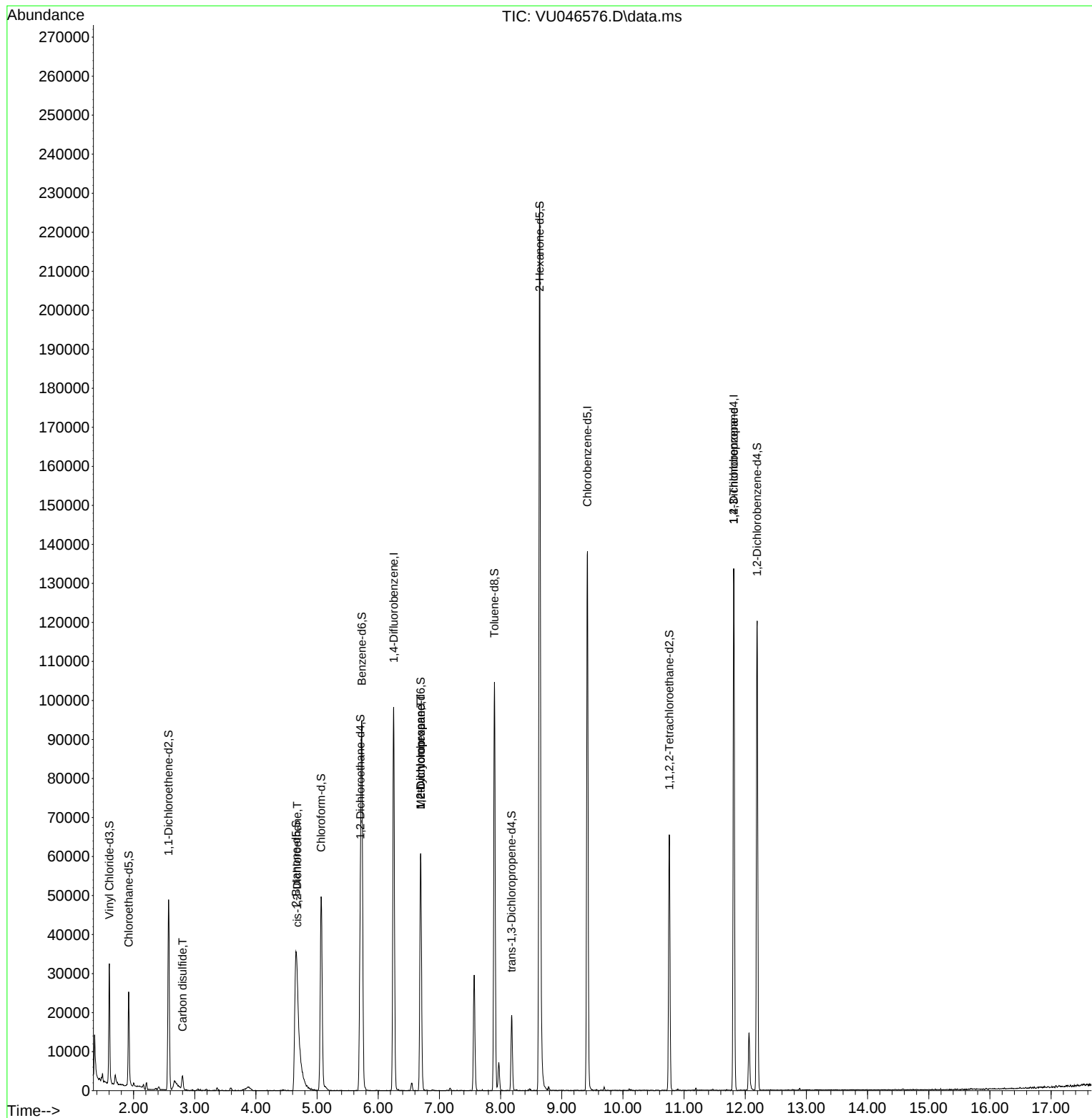
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	79233	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	78285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35826	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20524	3.289	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.800%	
7) Chloroethane-d5	1.919	69	18765	3.818	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.400%	
11) 1,1-Dichloroethene-d2	2.571	65	9307	3.537	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.800%	
20) 2-Butanone-d5	4.655	46	98313	54.308	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.620%	
24) Chloroform-d	5.067	84	48140	4.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
26) 1,2-Dichloroethane-d4	5.706	65	29634	4.533	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
32) Benzene-d6	5.732	84	87530	4.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
36) 1,2-Dichloropropane-d6	6.694	67	28754	4.385	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.600%	
41) Toluene-d8	7.899	98	69568	3.512	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.200%	
43) trans-1,3-Dichloroprop...	8.179	79	11995	3.955	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.639	63	89120	50.049	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.100%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31759	4.719	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	31382	4.755	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						
14) Carbon disulfide	2.800	76	4527	0.199	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	2056	0.253	ug/L	86
35) Methylcyclohexane	6.694	83	7170	0.620	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	3235	0.408	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	3990	0.671	ug/L #	65

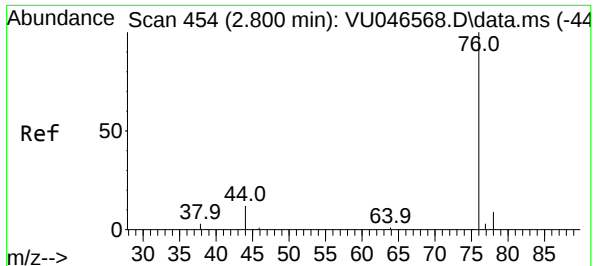
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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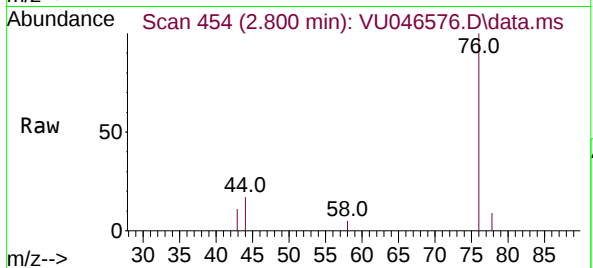
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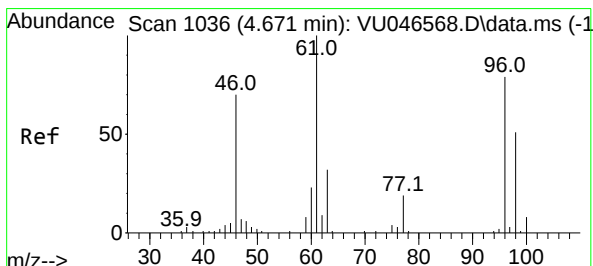
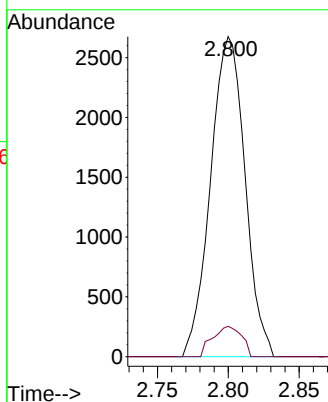
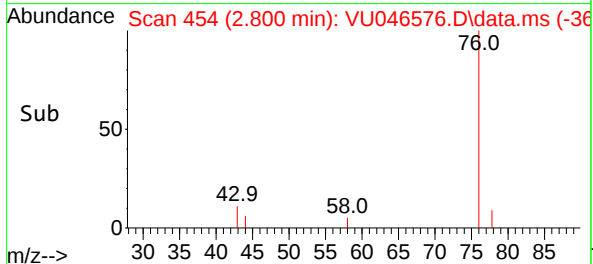


#14
Carbon disulfide
Concen: 0.199 ug/L
RT: 2.800 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU046576.D
Acq: 23 Dec 2021 19:25

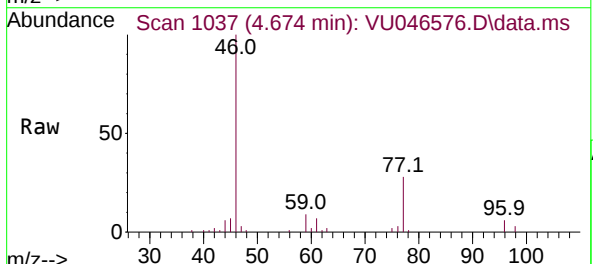
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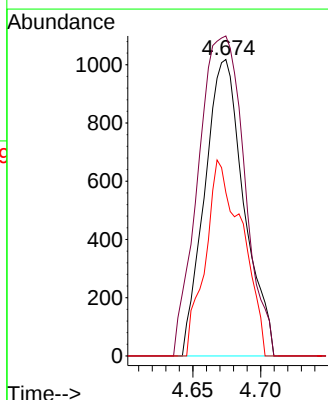
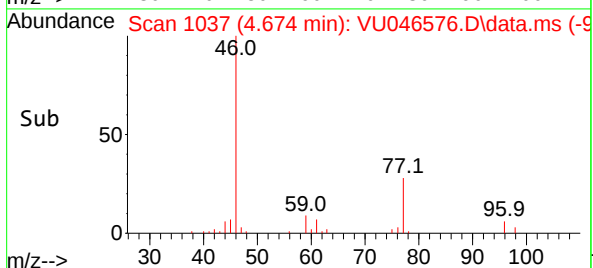
Tgt Ion: 76 Resp: 4527
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

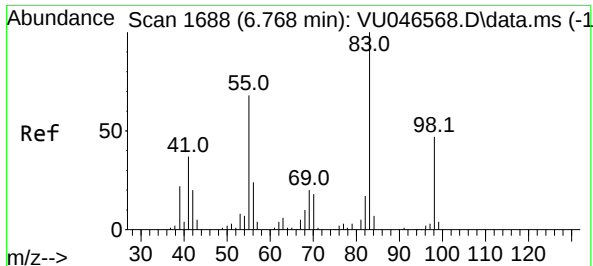


#22
cis-1,2-Dichloroethene
Concen: 0.253 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU046576.D
Acq: 23 Dec 2021 19:25



Tgt Ion: 96 Resp: 2056
Ion Ratio Lower Upper
96 100
61 108.0 88.5 164.3
98 55.1 44.4 82.5

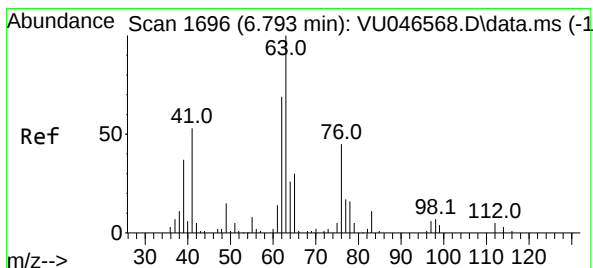
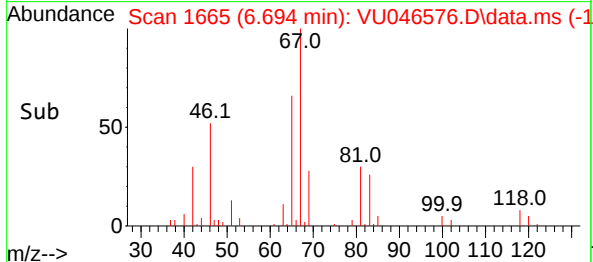
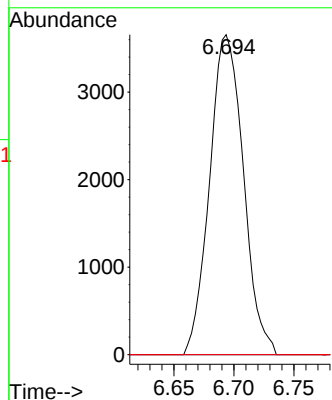
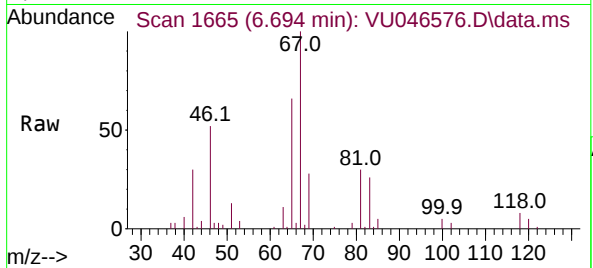




#35
Methylcyclohexane
Concen: 0.620 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046576.D
Acq: 23 Dec 2021 19:25

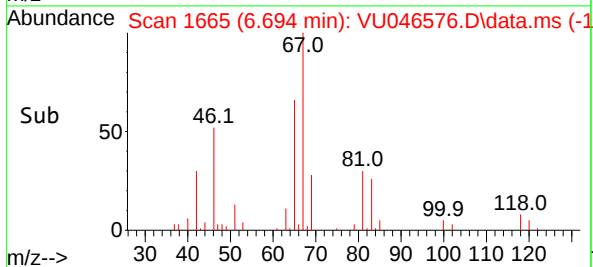
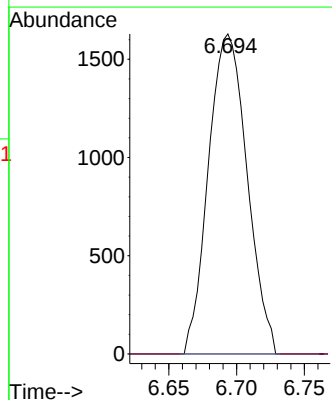
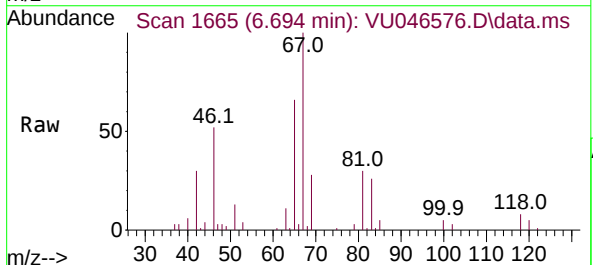
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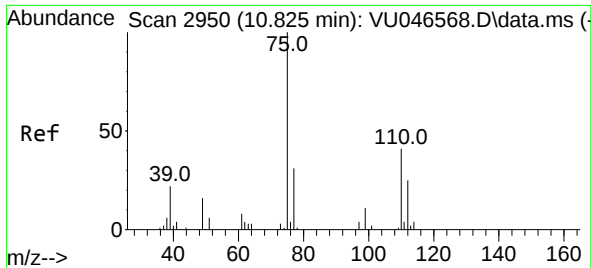
Tgt Ion: 83 Resp: 7170
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.408 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046576.D
Acq: 23 Dec 2021 19:25

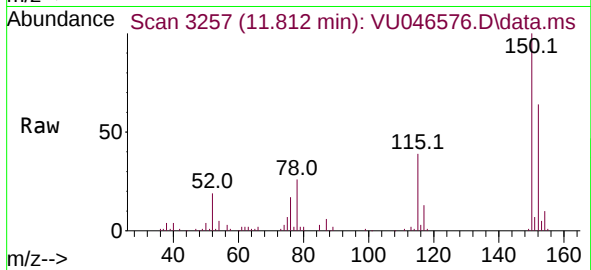
Tgt Ion: 63 Resp: 3235
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.671 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046576.D
 Acq: 23 Dec 2021 19:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3990
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 33.7 25.5 38.3

