

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063021.D
 Acq On : 27 Jan 2025 17:21
 Operator : MD/SY
 Sample : Q1192-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 07:29:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 07:27:08 2025
 Response via : Initial Calibration

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

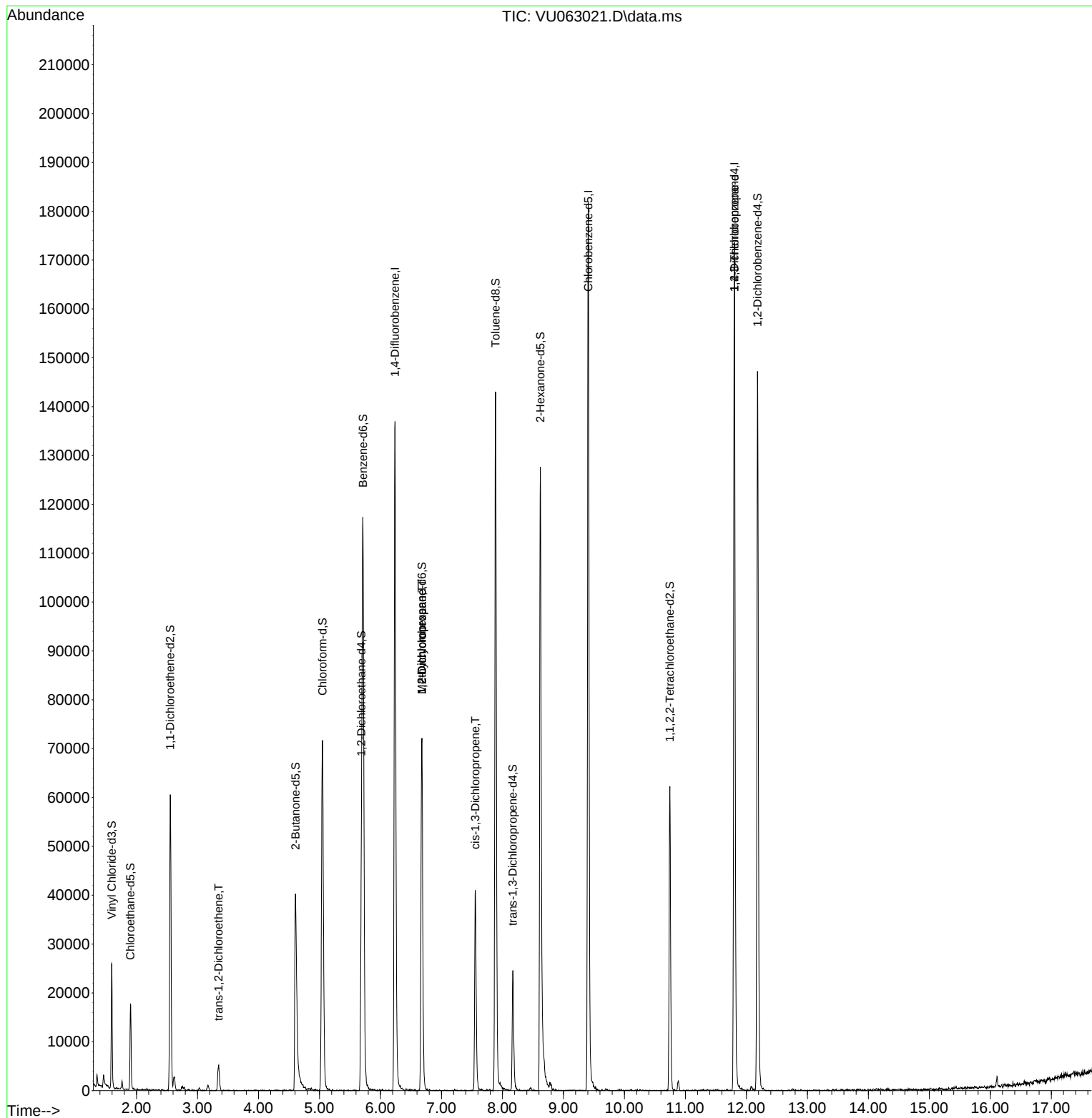
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	111296	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51081	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17685	4.420	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.901	69	12672	4.172	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.554	65	11487	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.608	46	55412	47.720	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.440%
24) Chloroform-d	5.049	84	68443	4.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.689	65	41008	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.714	84	105617	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.679	67	29536	4.993	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.888	98	100289	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.171	79	15820	4.320	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.621	63	44156	48.329	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.660%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27076	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	41249	4.511	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
18) trans-1,2-Dichloroethene	3.348	96	2547	0.412	ug/L	89
35) Methylcyclohexane	6.679	83	8910	0.845	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	4105	0.741	ug/L #	85
39) cis-1,3-Dichloropropene	7.554	75	1420	0.136	ug/L #	75
61) 1,2,3-Trichloropropane	11.804	75	4599	1.119	ug/L #	57

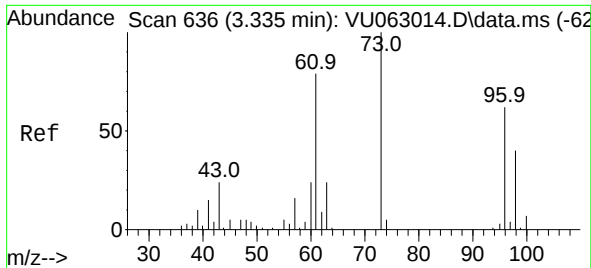
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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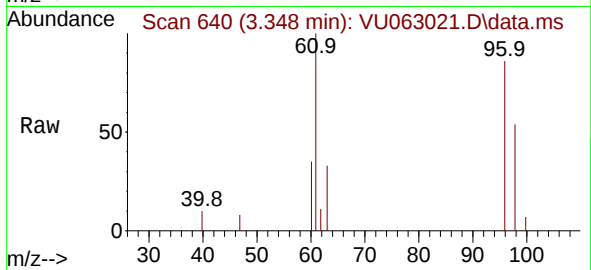
Quant Time: Jan 29 07:29:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 07:27:08 2025
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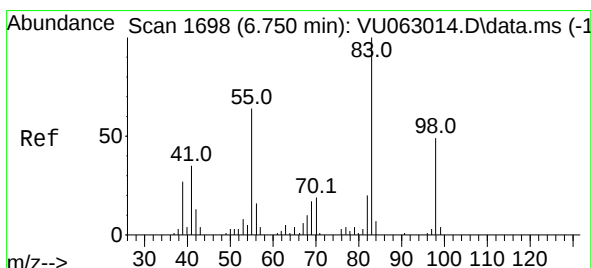
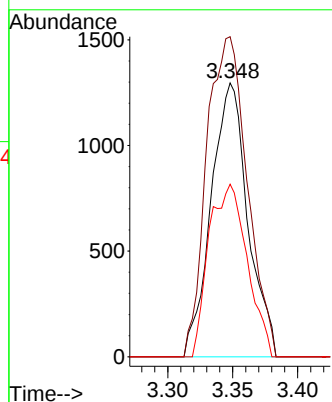
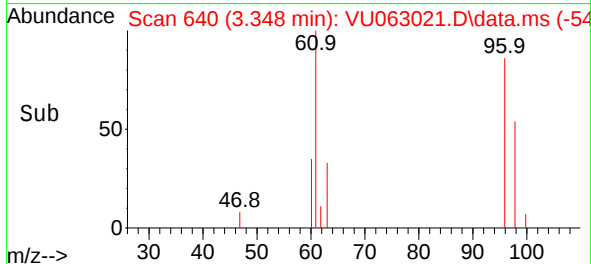


#18
trans-1,2-Dichloroethene
Concen: 0.412 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.013 min
Lab File: VU063021.D
Acq: 27 Jan 2025 17:21

Instrument :
MSVOA_U
ClientSampleId :

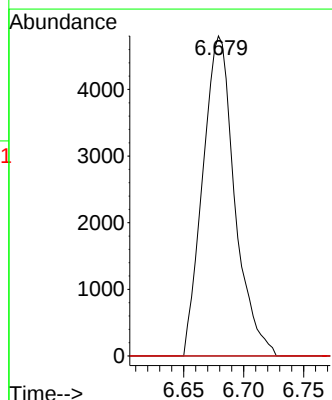
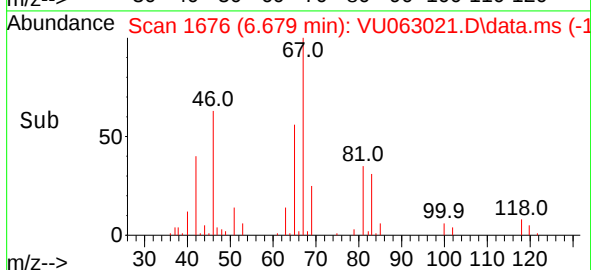
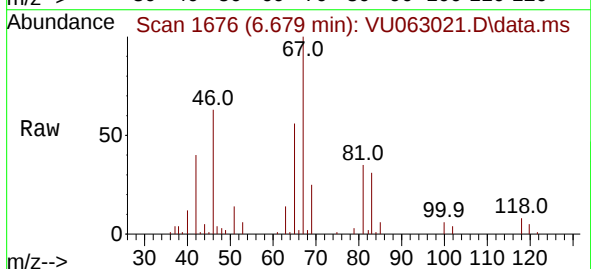


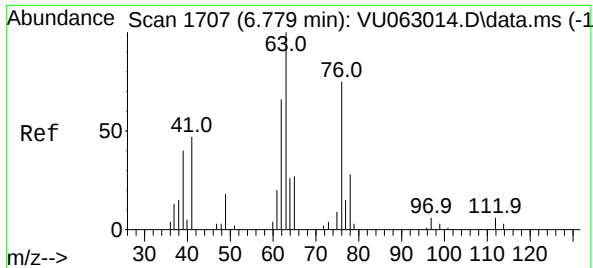
Tgt Ion: 96 Resp: 2547
Ion Ratio Lower Upper
96 100
61 116.9 94.4 175.2
98 63.0 42.8 79.4



#35
Methylcyclohexane
Concen: 0.845 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU063021.D
Acq: 27 Jan 2025 17:21

Tgt Ion: 83 Resp: 8910
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.0 36.6 55.0#

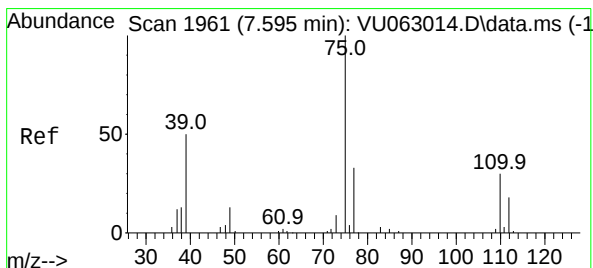
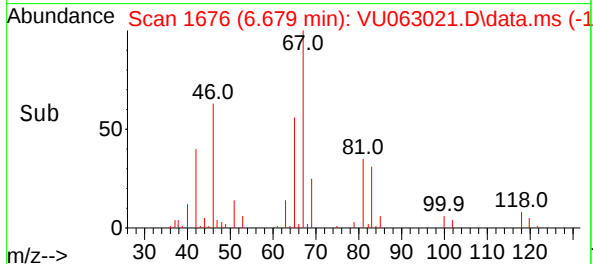
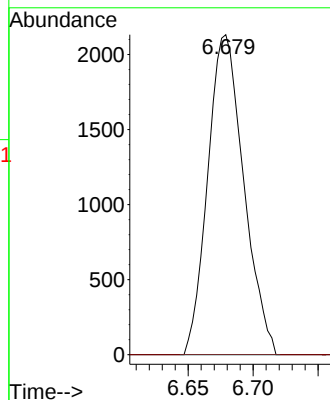
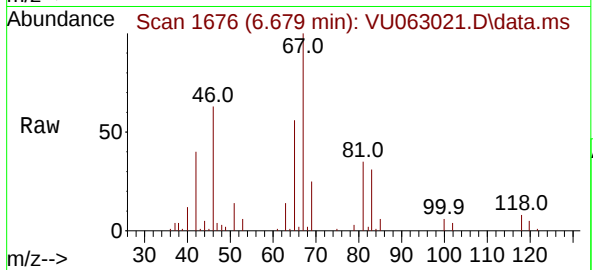




#37
1,2-Dichloropropane
Concen: 0.741 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU063021.D
Acq: 27 Jan 2025 17:21

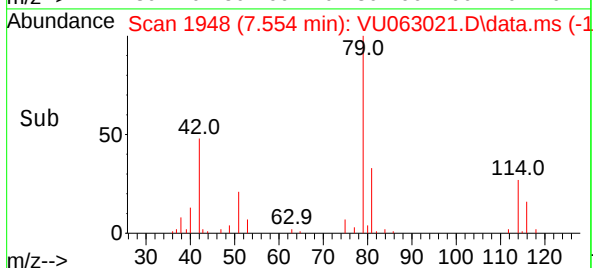
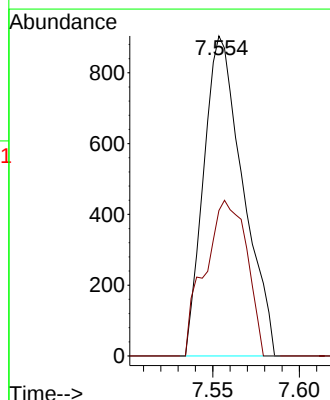
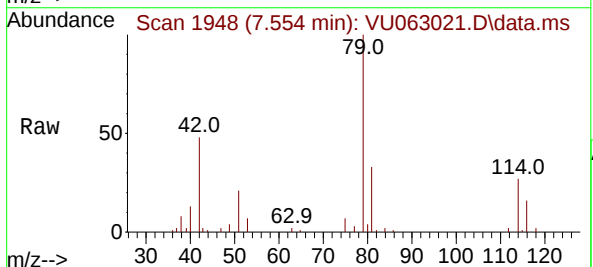
Instrument :
MSVOA_U
ClientSampleId :

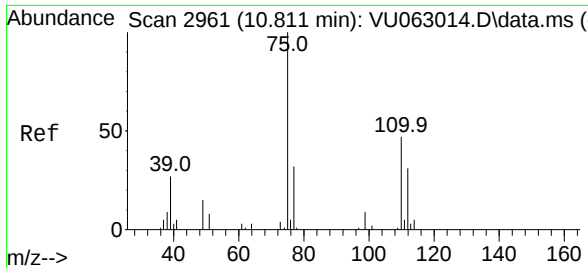
Tgt Ion: 63 Resp: 4105
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.136 ug/L
RT: 7.554 min Scan# 1948
Delta R.T. -0.042 min
Lab File: VU063021.D
Acq: 27 Jan 2025 17:21

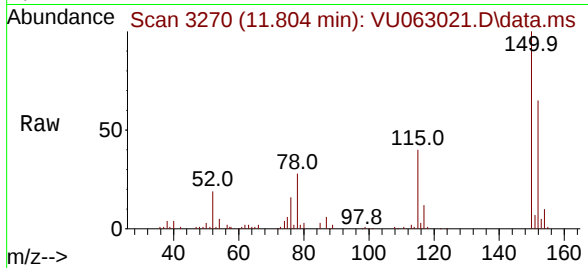
Tgt Ion: 75 Resp: 1420
Ion Ratio Lower Upper
75 100
77 45.5 22.3 41.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.119 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU063021.D
 Acq: 27 Jan 2025 17:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4599
 Ion Ratio Lower Upper
 75 100
 110 0.0 33.2 49.8#
 77 39.8 25.9 38.9#

