

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063028.D
 Acq On : 27 Jan 2025 20:14
 Operator : MD/SY
 Sample : Q1174-24
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 07:30:51 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)

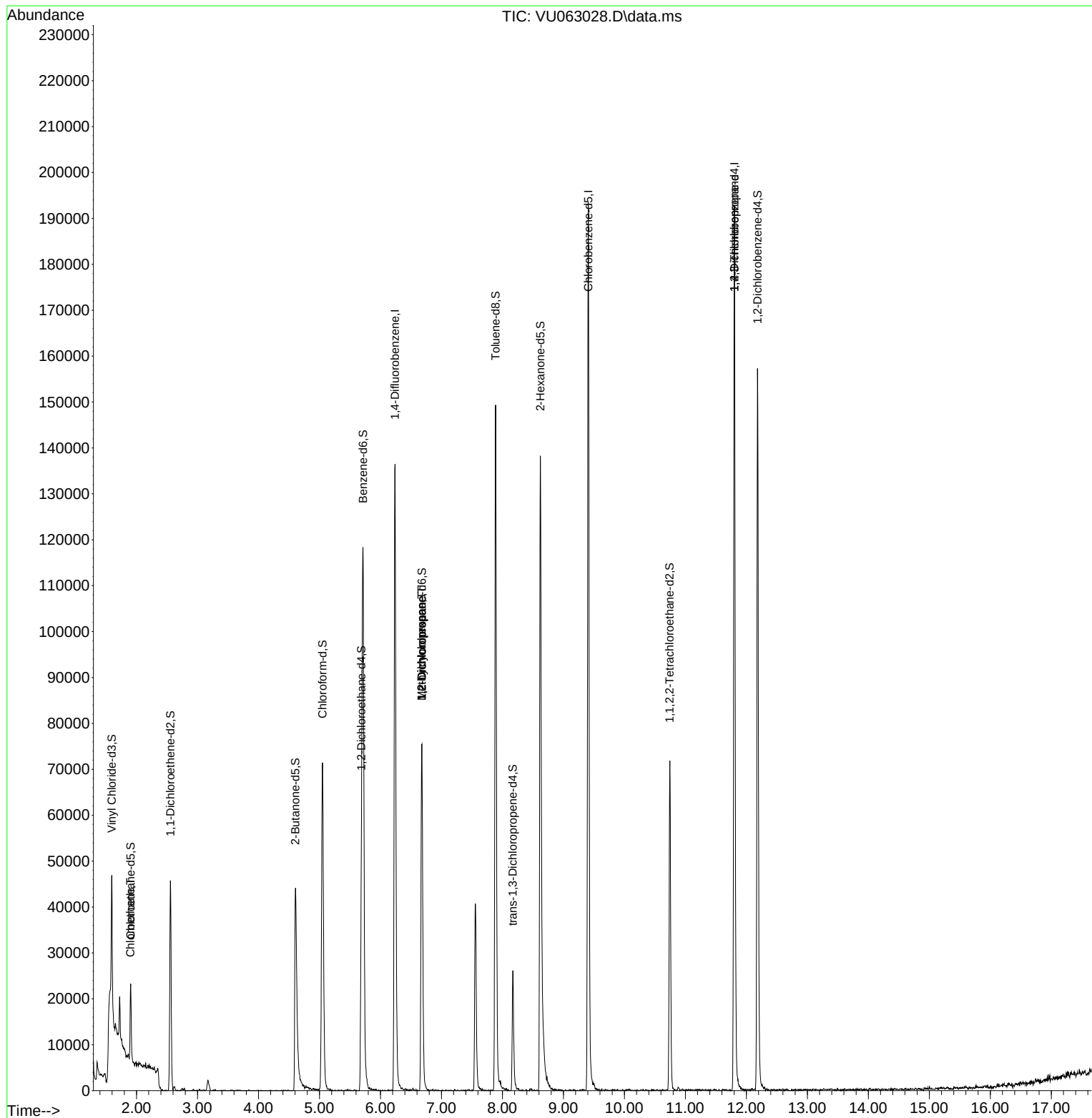
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	110849	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	109275	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52846	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17887	4.489	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.904	69	11614	3.839	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.557	65	8288	3.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.605	46	61936	53.554	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.100%
24) Chloroform-d	5.049	84	70203	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.689	65	42682	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.714	84	108212	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.679	67	32719	5.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.888	98	101534	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.171	79	16079	4.085	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.621	63	49606	50.509	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.020%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	32861	5.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	41920	4.431	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.898	64	684	0.254	ug/L #	53
35) Methylcyclohexane	6.676	83	9462	0.835	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	4858	0.816	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	5527	1.300	ug/L #	59

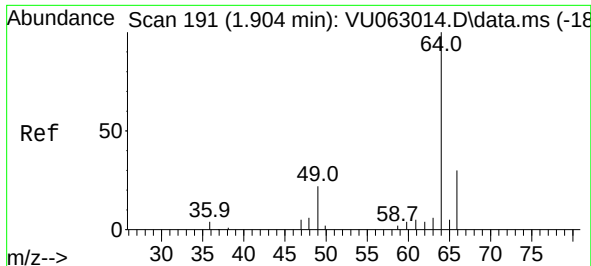
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

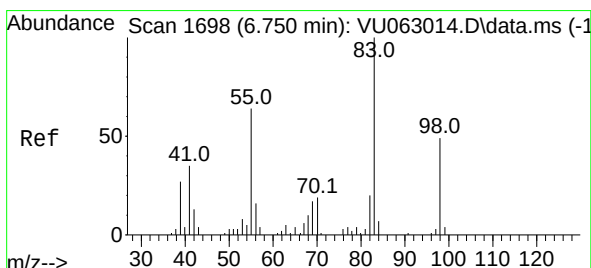
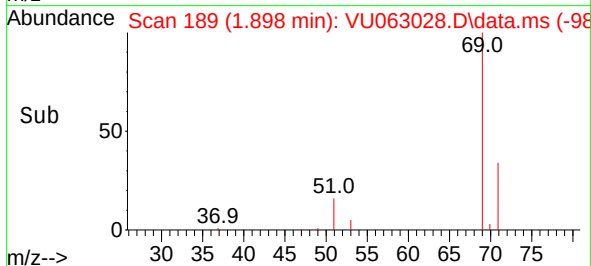
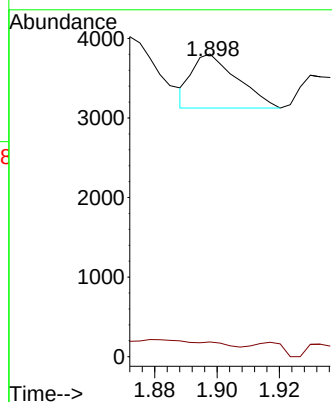
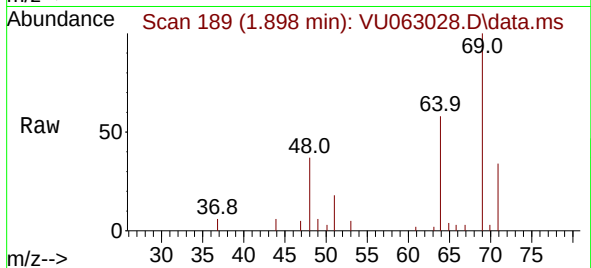




#8
Chloroethane
Concen: 0.254 ug/L
RT: 1.898 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU063028.D
Acq: 27 Jan 2025 20:14

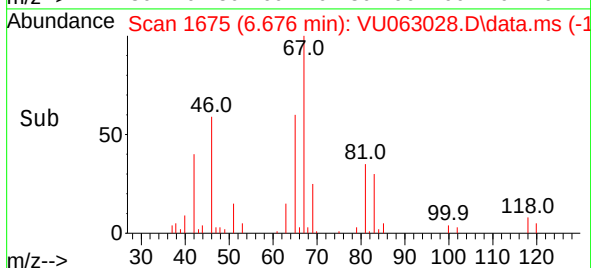
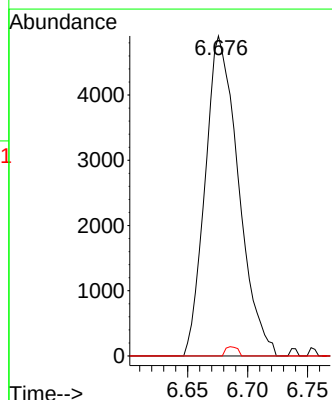
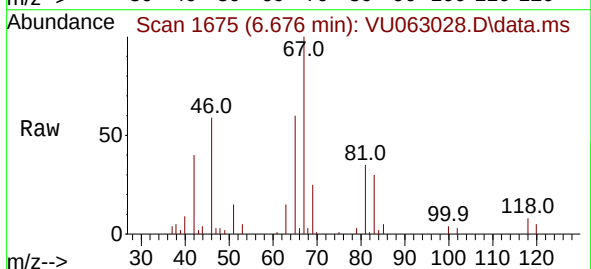
Instrument :
MSVOA_U
ClientSampleId :

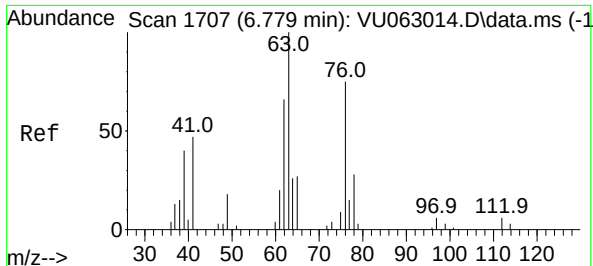
Tgt Ion: 64 Resp: 684
Ion Ratio Lower Upper
64 100
66 4.9 21.6 40.2#



#35
Methylcyclohexane
Concen: 0.835 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.074 min
Lab File: VU063028.D
Acq: 27 Jan 2025 20:14

Tgt Ion: 83 Resp: 9462
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 1.0 36.6 55.0#

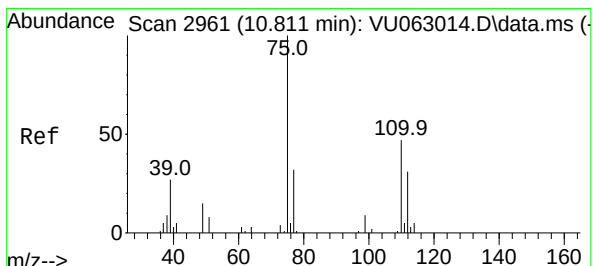
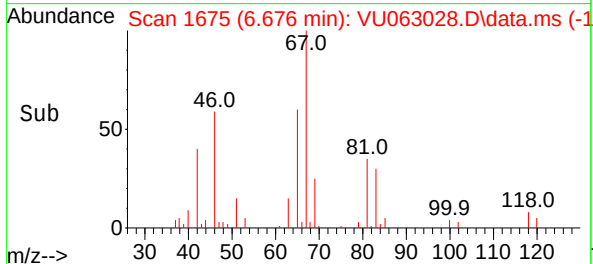
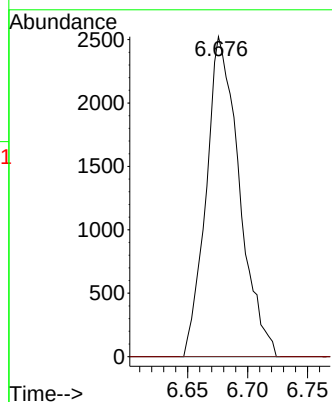
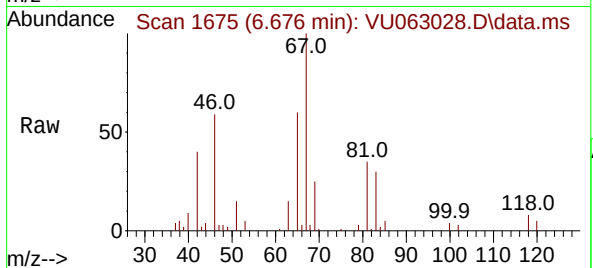




#37
1,2-Dichloropropane
Concen: 0.816 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU063028.D
Acq: 27 Jan 2025 20:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4858
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 1.300 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.993 min
Lab File: VU063028.D
Acq: 27 Jan 2025 20:14

Tgt Ion: 75 Resp: 5527
Ion Ratio Lower Upper
75 100
110 0.9 33.2 49.8#
77 38.1 25.9 38.9

