

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063153.D
 Acq On : 05 Feb 2025 12:33
 Operator : MD/SY
 Sample : Q1228-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 06 07:27:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 06 07:25:52 2025
 Response via : Initial Calibration

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

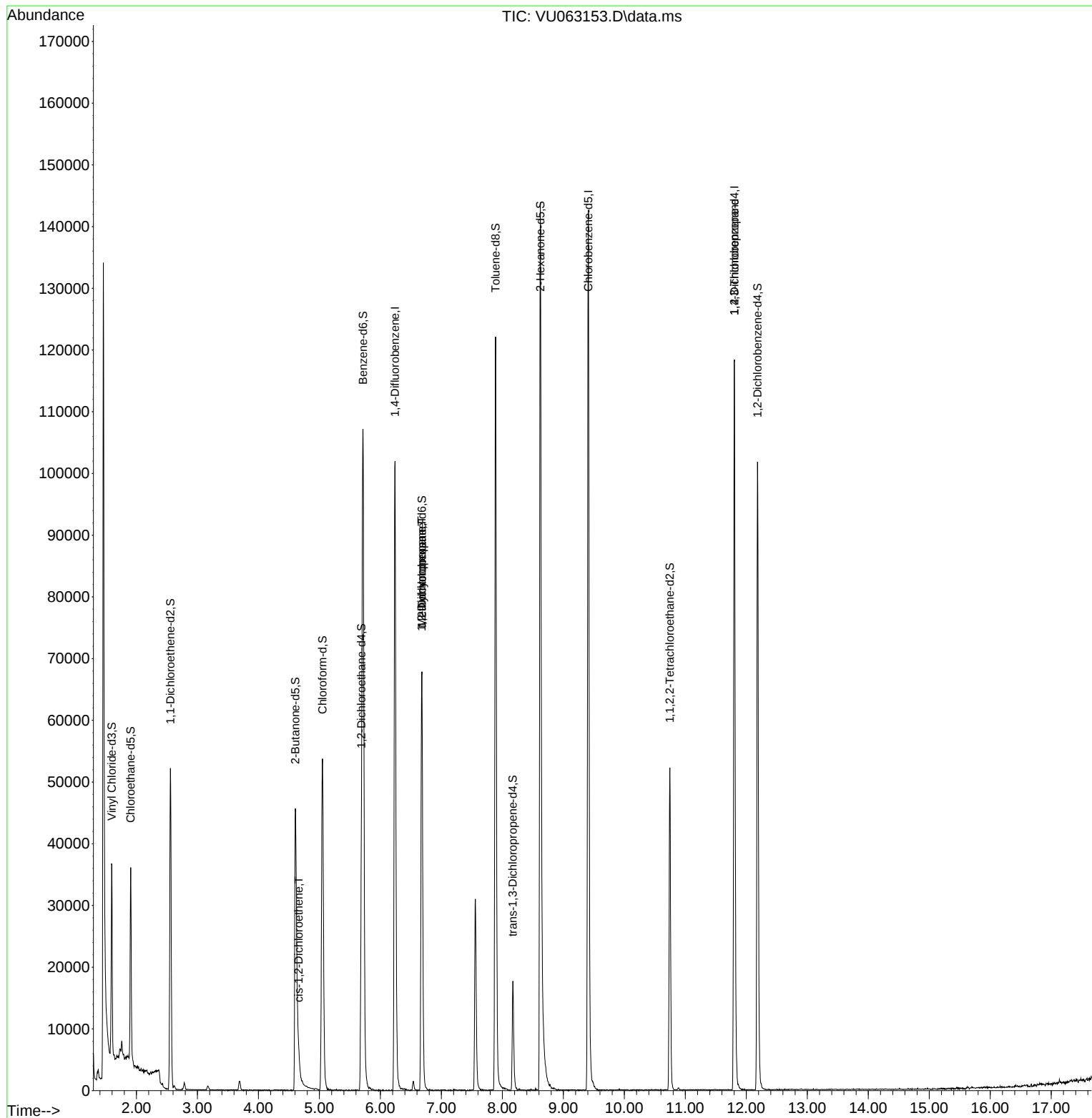
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	85381	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	82440	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	33241	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22096	4.524	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.904	69	22465	4.956	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.557	65	10177	4.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.605	46	73086	45.458	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.920%
24) Chloroform-d	5.049	84	52985	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.689	65	27492	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.714	84	103610	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.679	67	34954	4.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.888	98	84850	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.171	79	11037	4.155	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.621	63	55723	41.679	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.360%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28406	4.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	28654	5.162	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.660	96	1114	0.168	ug/L	87
35) Methylcyclohexane	6.679	83	7536	0.730	ug/L #	18
37) 1,2-Dichloropropane	6.676	63	3586	0.496	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4173	1.040	ug/L #	67

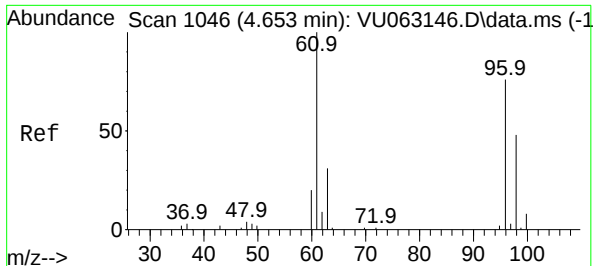
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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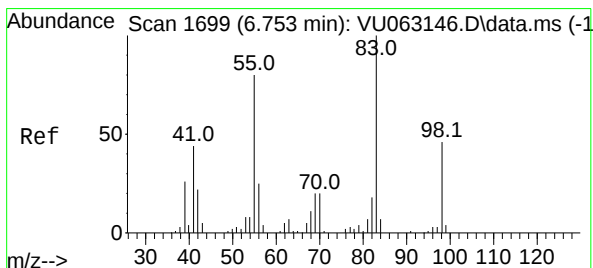
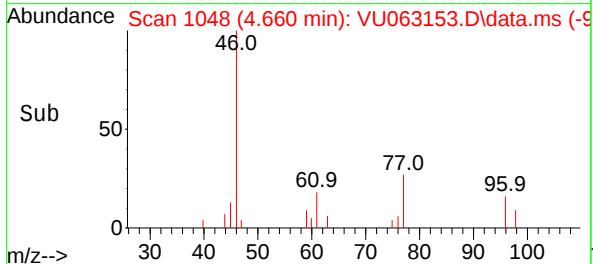
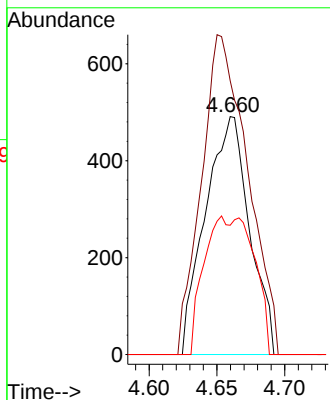
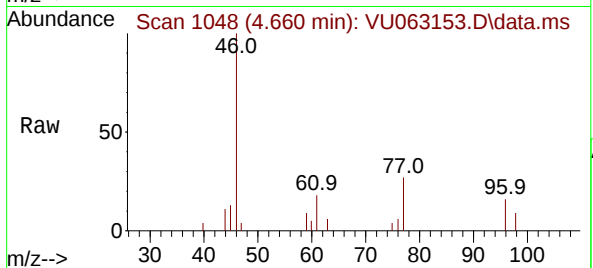




#22
 cis-1,2-Dichloroethene
 Concen: 0.168 ug/L
 RT: 4.660 min Scan# 1046
 Delta R.T. 0.007 min
 Lab File: VU063153.D
 Acq: 05 Feb 2025 12:33

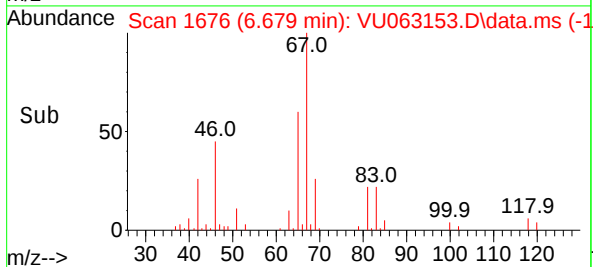
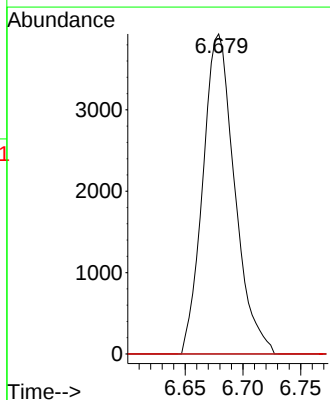
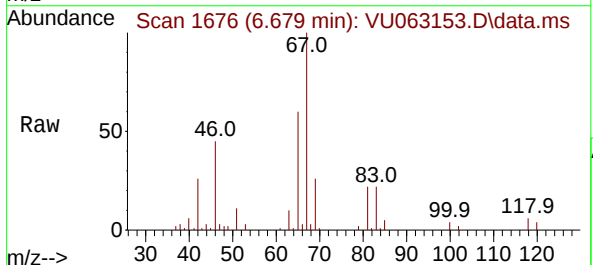
Instrument :
 MSVOA_U
 ClientSampleId :

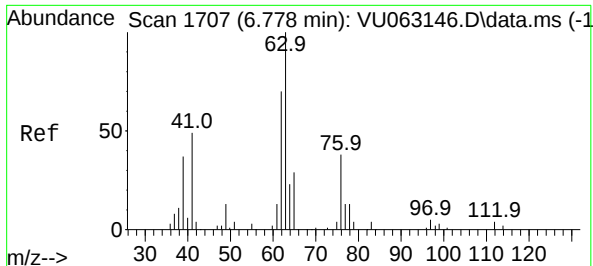
Tgt Ion: 96 Resp: 1114
 Ion Ratio Lower Upper
 96 100
 61 115.1 91.8 170.6
 98 54.4 44.4 82.4



#35
 Methylcyclohexane
 Concen: 0.730 ug/L
 RT: 6.679 min Scan# 1676
 Delta R.T. -0.074 min
 Lab File: VU063153.D
 Acq: 05 Feb 2025 12:33

Tgt Ion: 83 Resp: 7536
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.8 94.2#
 98 0.0 36.0 54.0#

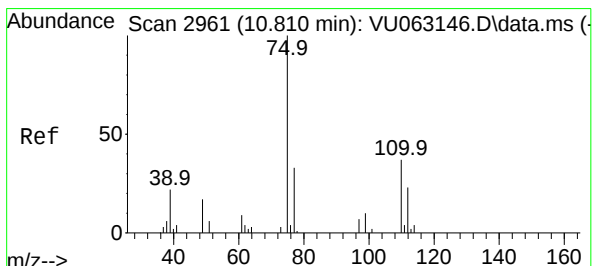
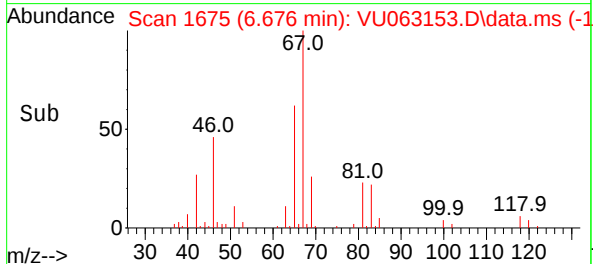
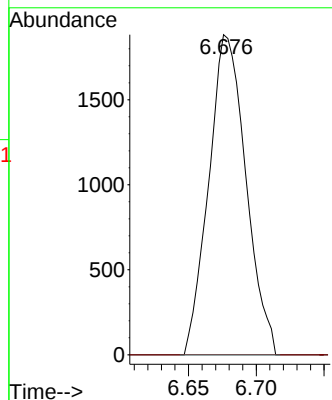
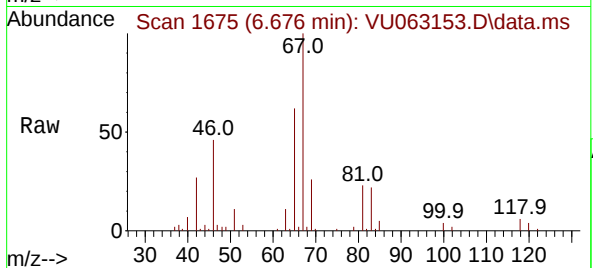




#37
1,2-Dichloropropane
Concen: 0.496 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU063153.D
Acq: 05 Feb 2025 12:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3586
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.040 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.994 min
Lab File: VU063153.D
Acq: 05 Feb 2025 12:33

Tgt Ion: 75 Resp: 4173
Ion Ratio Lower Upper
75 100
110 0.0 27.4 41.0#
77 30.1 26.3 39.5

