

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020625\
 Data File : VU063206.D
 Acq On : 06 Feb 2025 19:30
 Operator : MD/SY
 Sample : Q1291-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 07 07:33:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 07 07:28:28 2025
 Response via : Initial Calibration

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

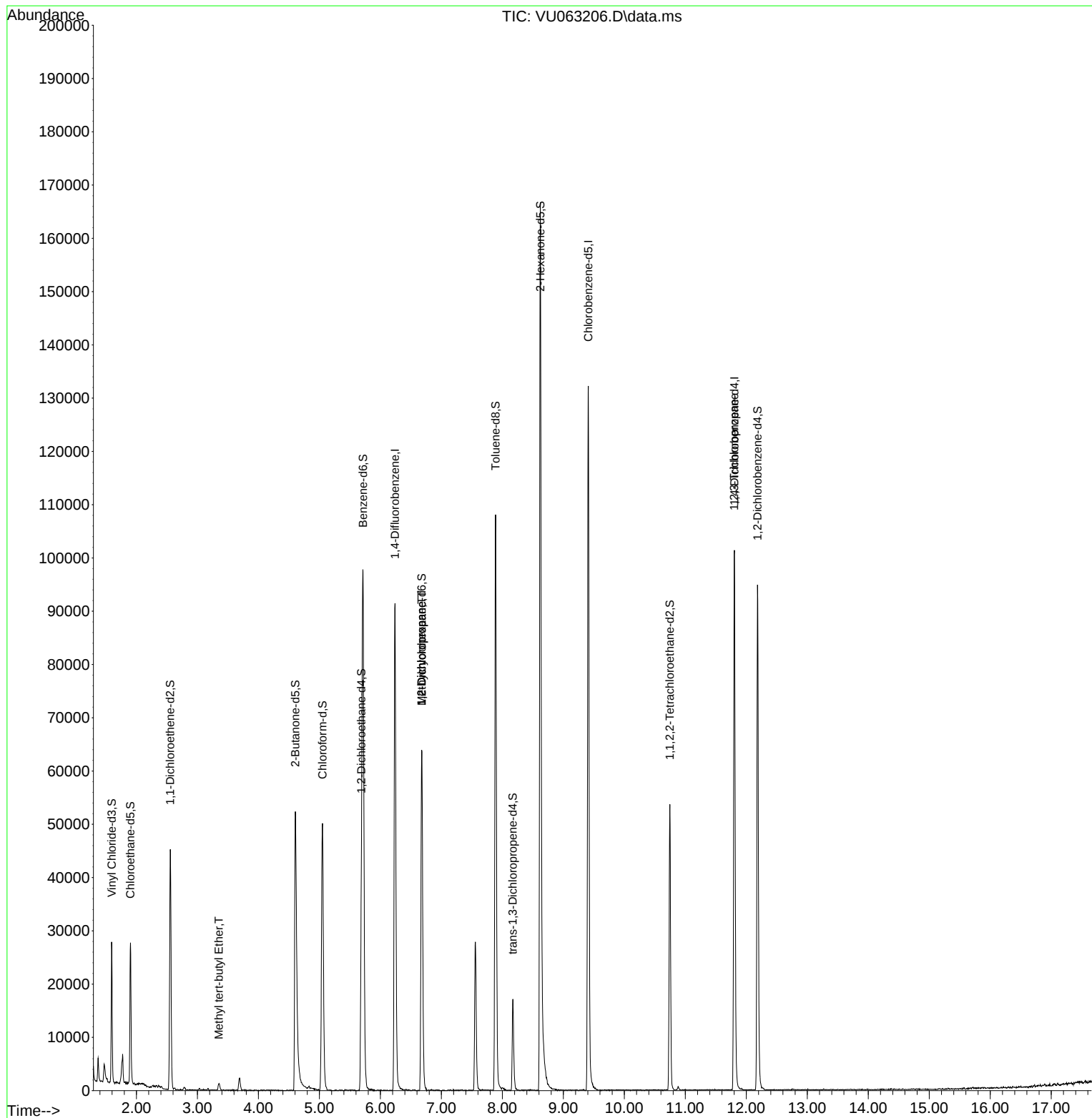
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	77839	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	74745	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	28871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18499	4.155	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.901	69	19422	4.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.554	65	8760	4.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.605	46	80521	54.935	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.880%
24) Chloroform-d	5.049	84	48800	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.689	65	26293	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.714	84	92921	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.676	67	32037	4.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.888	98	75511	4.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.171	79	10517	4.367	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.621	63	57817	47.698	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29230	5.152	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	26389	5.474	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.351	73	1586	0.114	ug/L #	82
35) Methylcyclohexane	6.676	83	7097	0.758	ug/L #	18
37) 1,2-Dichloropropane	6.676	63	3328	0.507	ug/L #	90
61) 1,2,3-Trichloropropane	11.801	75	3847	1.104	ug/L #	65

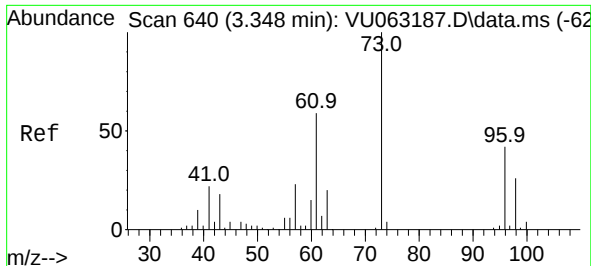
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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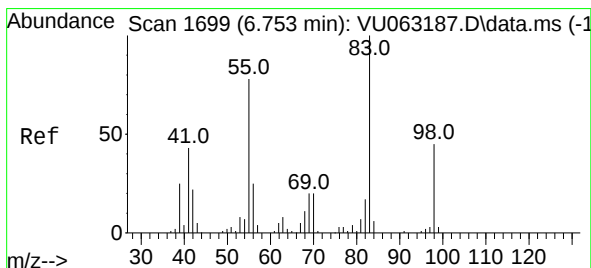
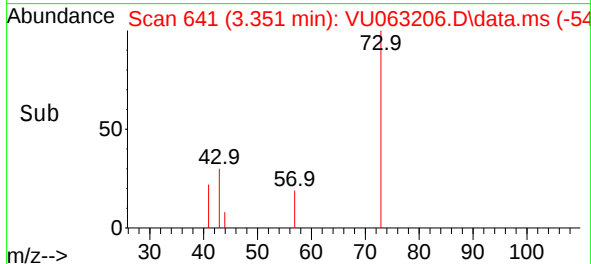
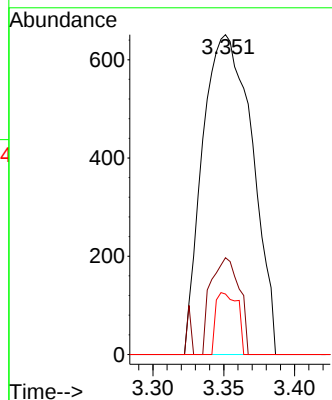
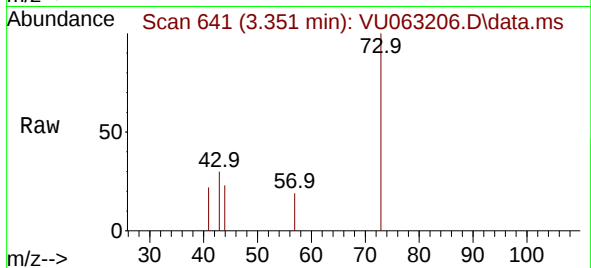




#17
Methyl tert-butyl Ether
Concen: 0.114 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063206.D
Acq: 06 Feb 2025 19:30

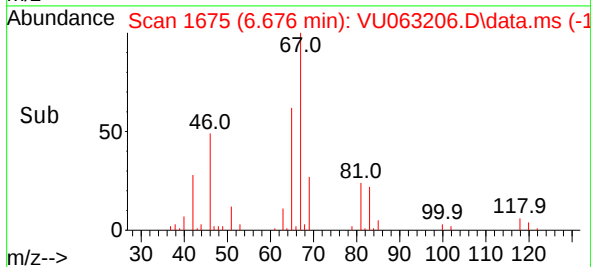
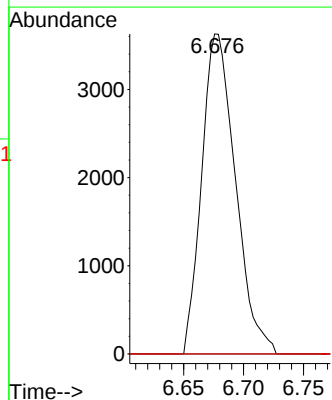
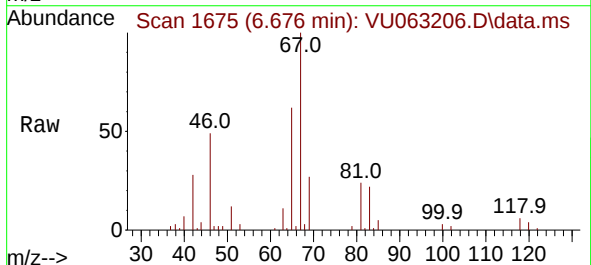
Instrument :
MSVOA_U
ClientSampleId :

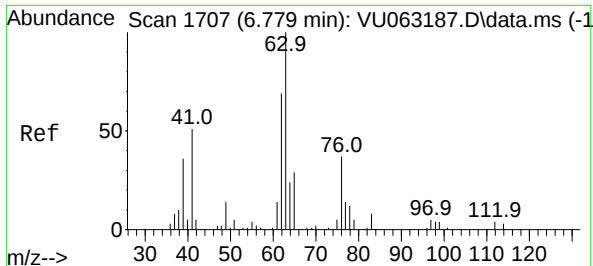
Tgt Ion: 73 Resp: 1586
Ion Ratio Lower Upper
73 100
43 17.4 15.1 22.7
57 8.4 18.7 28.1#



#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.077 min
Lab File: VU063206.D
Acq: 06 Feb 2025 19:30

Tgt Ion: 83 Resp: 7097
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.0 36.0 54.0#

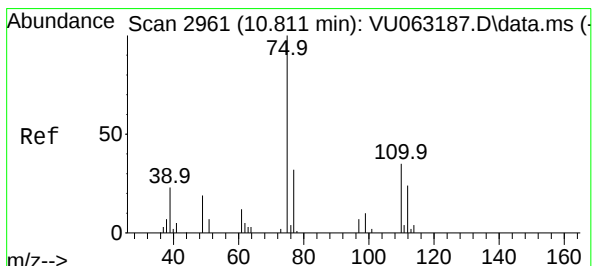
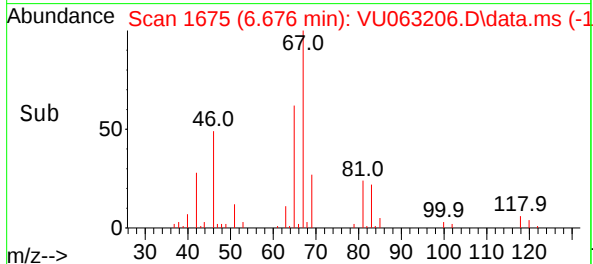
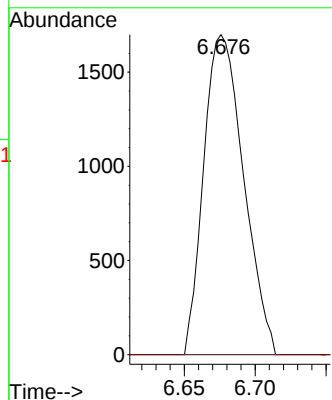
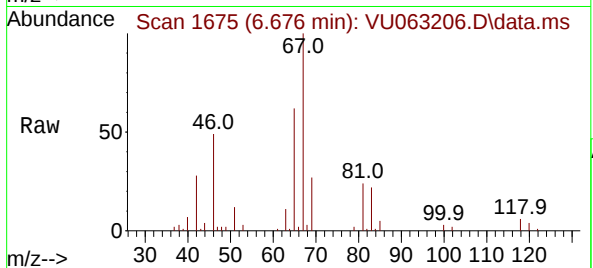




#37
1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU063206.D
Acq: 06 Feb 2025 19:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3328
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.104 ug/L
RT: 11.801 min Scan# 3269
Delta R.T. 0.990 min
Lab File: VU063206.D
Acq: 06 Feb 2025 19:30

Tgt Ion: 75 Resp: 3847
Ion Ratio Lower Upper
75 100
110 0.0 27.4 41.0#
77 27.8 26.3 39.5

