

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060796.D
 Acq On : 16 Sep 2024 21:51
 Operator : MD/SY
 Sample : P3967-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 01:58:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:47:23 2024
 Response via : Initial Calibration

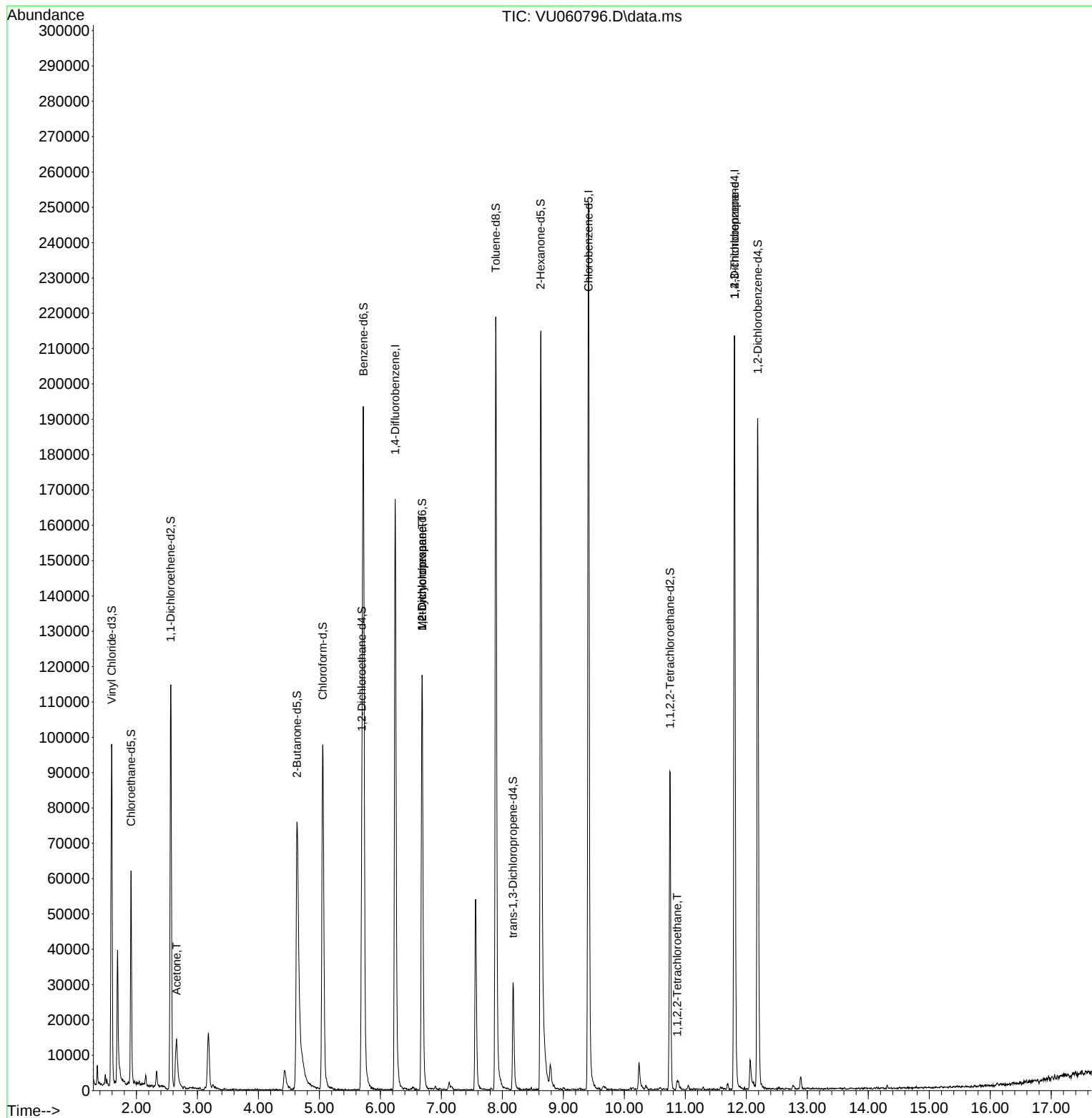
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144494	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155754	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63875	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59806	4.602	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.911	69	44281	4.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.560	65	21598	4.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.631	46	99430	47.657	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.320%
24) Chloroform-d	5.055	84	97044	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.695	65	47361	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.721	84	188411	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.682	67	61985	4.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.891	98	159637	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.174	79	20084	4.320	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.628	63	78171	42.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47121	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	55498	5.171	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
13) Acetone	2.657	43	24453	17.568	ug/L	99
35) Methylcyclohexane	6.682	83	14228	0.924	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6534	0.554	ug/L #	93
57) 1,1,2,2-Tetrachloroethane	10.865	83	1442	0.136	ug/L #	27
61) 1,2,3-Trichloropropane	11.807	75	7238	1.215	ug/L #	68

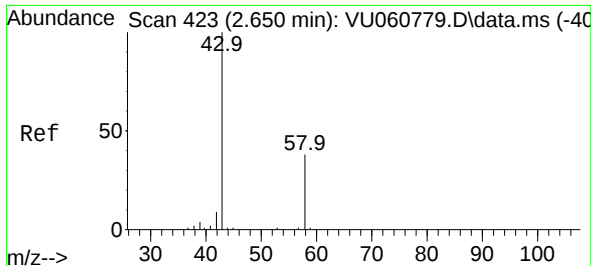
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.568 ug/L

RT: 2.657 min Scan# 41

Delta R.T. 0.007 min

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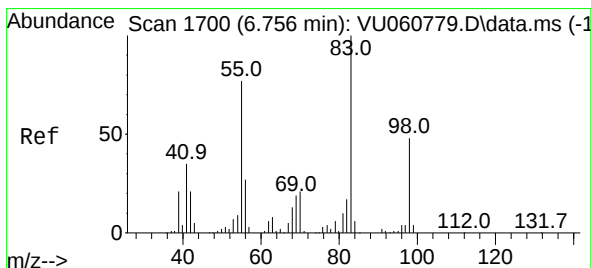
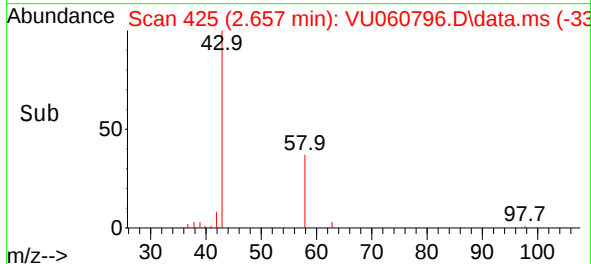
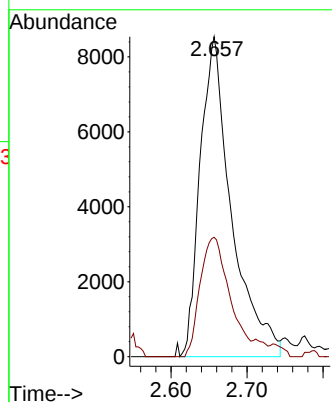
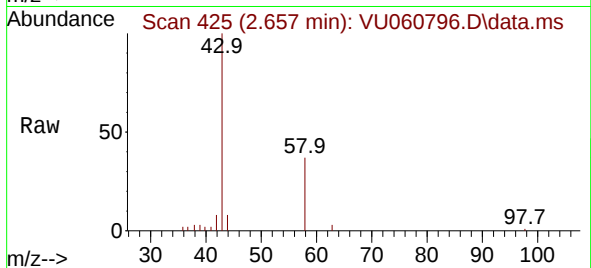
ClientSampleId :

Tgt Ion: 43 Resp: 24453

Ion Ratio Lower Upper

43 100

58 35.3 0.0 69.6



#35

Methylcyclohexane

Concen: 0.924 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

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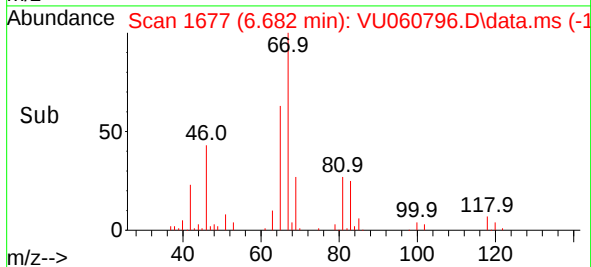
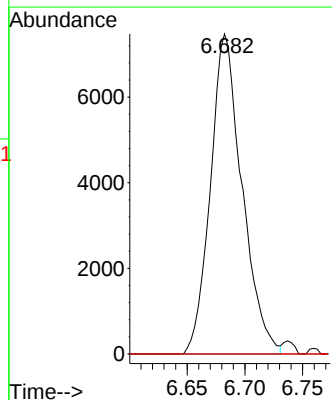
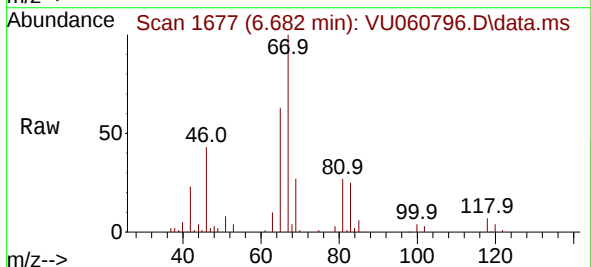
Tgt Ion: 83 Resp: 14228

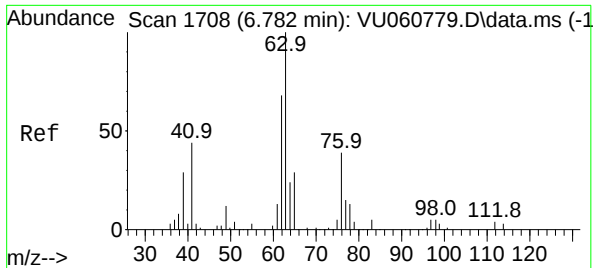
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 0.1 37.6 56.4#

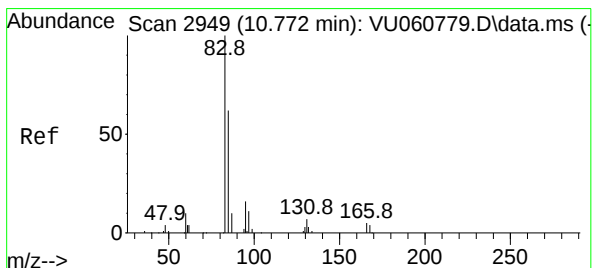
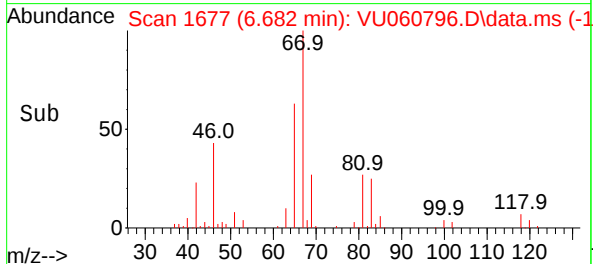
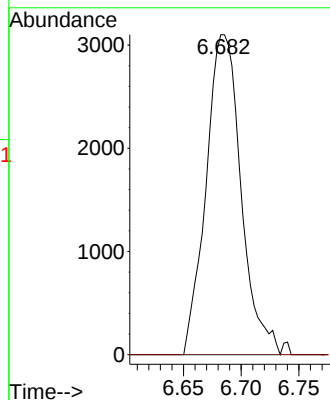
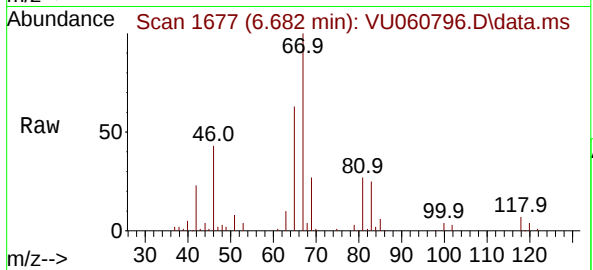




#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU060796.D
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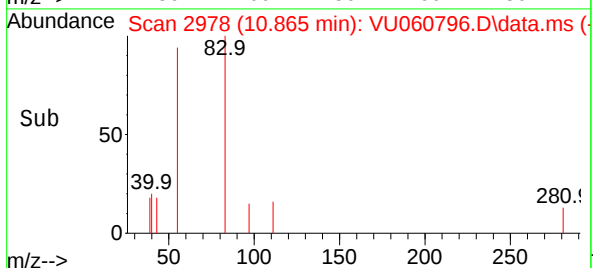
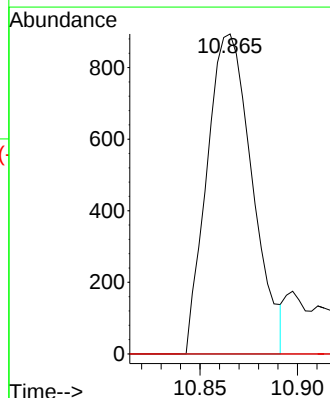
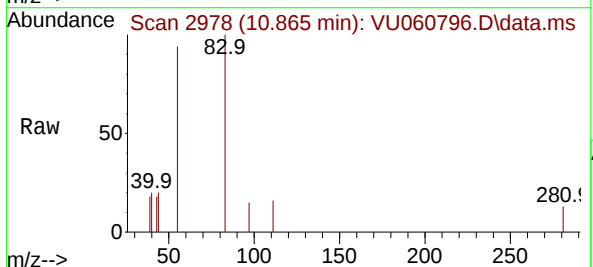
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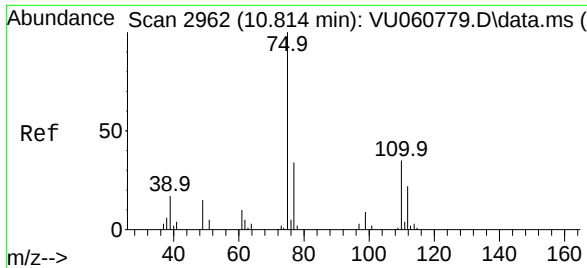
Tgt Ion: 63 Resp: 6534
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.136 ug/L
RT: 10.865 min Scan# 2978
Delta R.T. 0.094 min
Lab File: VU060796.D
Acq: 16 Sep 2024 21:51

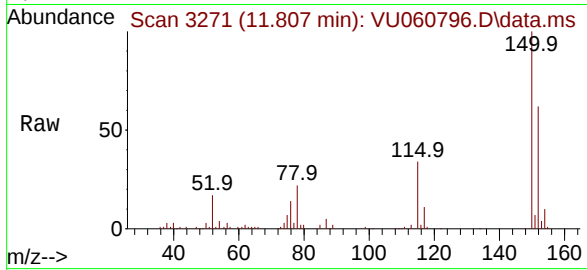
Tgt Ion: 83 Resp: 1442
Ion Ratio Lower Upper
83 100
85 0.0 42.9 79.7#
131 0.0 8.4 12.6#





#61
1,2,3-Trichloropropane
Concen: 1.215 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU060796.D
Acq: 16 Sep 2024 21:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.0	28.6	43.0#
77	34.8	26.3	39.5

