

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060975.D
 Acq On : 23 Sep 2024 15:35
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 06:10:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

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

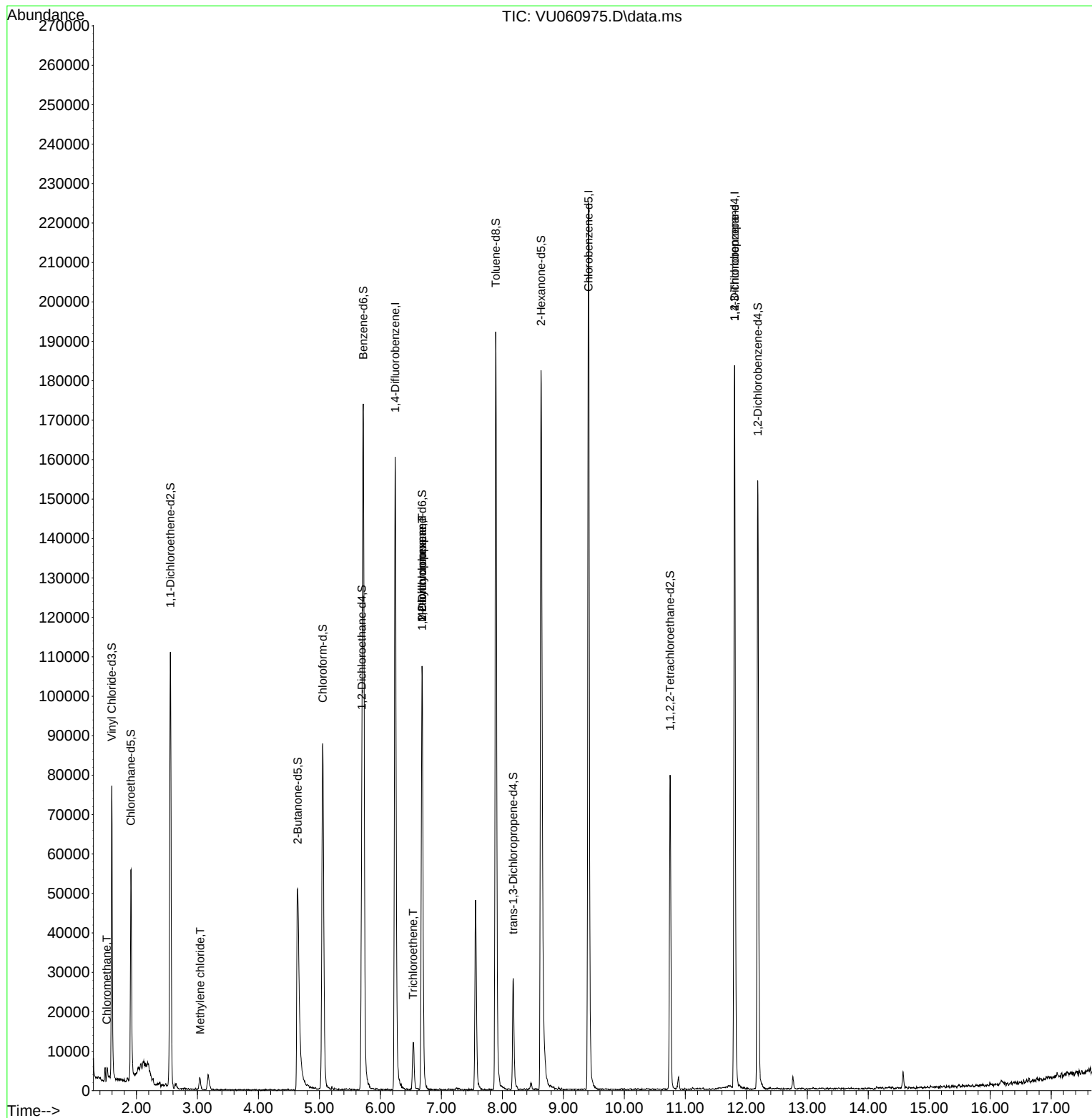
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136209	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	53550	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56593	4.619	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.907	69	43180	4.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.557	65	21317	4.909	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.644	46	90098	45.811	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.620%
24) Chloroform-d	5.052	84	86702	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	43531	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.718	84	170576	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.682	67	56238	4.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	140736	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.177	79	18817	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.634	63	75254	46.488	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.980%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	42492	4.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	44060	4.897	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
3) Chloromethane	1.515	50	2529	0.233	ug/L	94
16) Methylene chloride	3.042	84	1501	0.151	ug/L	86
34) Trichloroethene	6.534	95	4490	0.453	ug/L	95
35) Methylcyclohexane	6.682	83	13169	0.969	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	5417	0.520	ug/L #	93
61) 1,2,3-Trichloropropane	11.807	75	6296	1.261	ug/L #	69

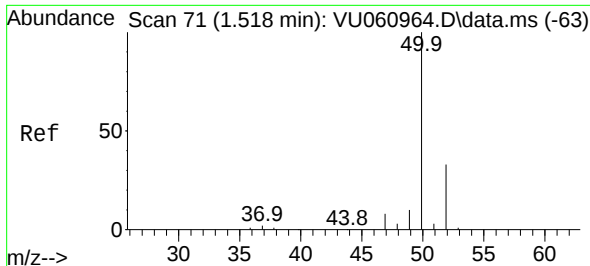
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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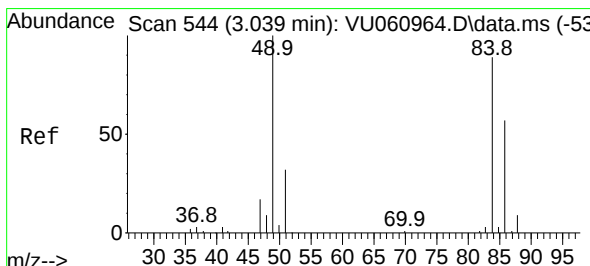
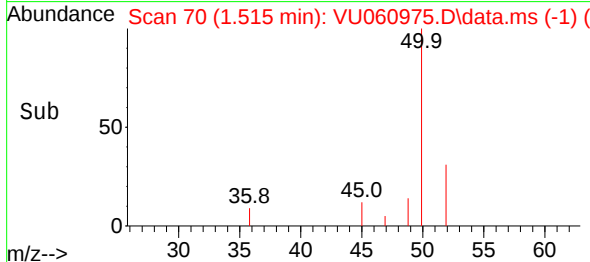
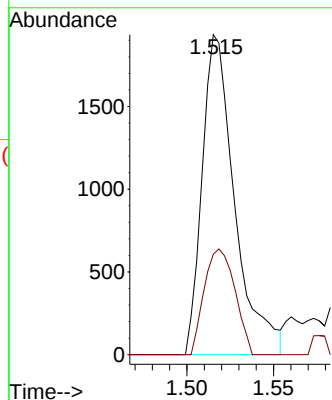
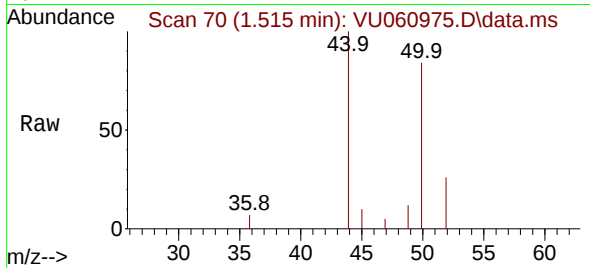




#3
Chloromethane
Concen: 0.233 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060975.D
Acq: 23 Sep 2024 15:35

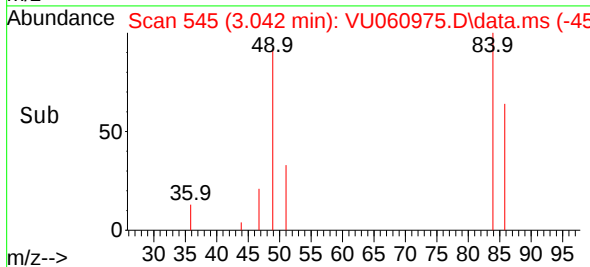
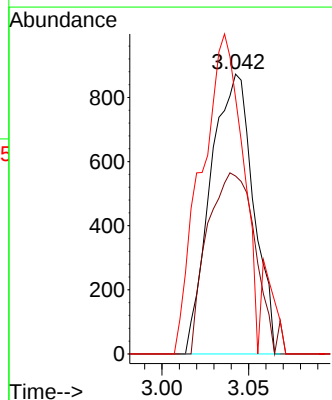
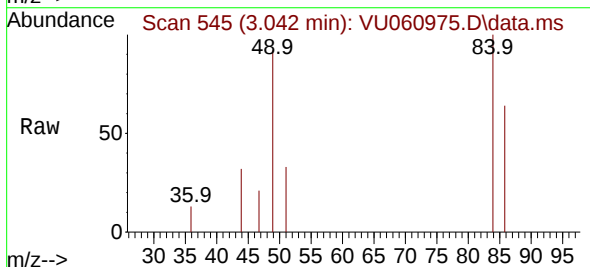
Instrument :
MSVOA_U
ClientSampleId :

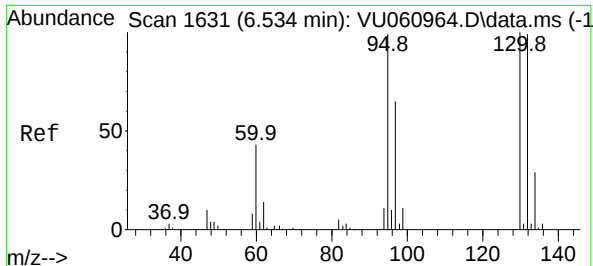
Tgt Ion: 50 Resp: 2529
Ion Ratio Lower Upper
50 100
52 31.4 24.4 45.4



#16
Methylene chloride
Concen: 0.151 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU060975.D
Acq: 23 Sep 2024 15:35

Tgt Ion: 84 Resp: 1501
Ion Ratio Lower Upper
84 100
86 63.6 47.3 87.8
49 91.5 78.7 146.1





#34

Trichloroethene

Concen: 0.453 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060975.D

Acq: 23 Sep 2024 15:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 4490

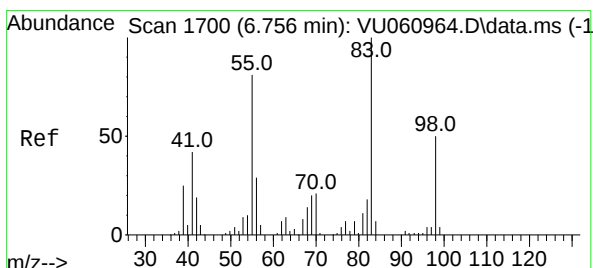
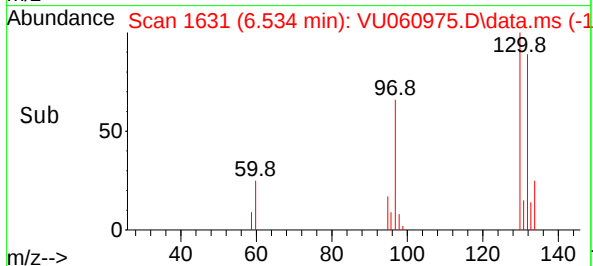
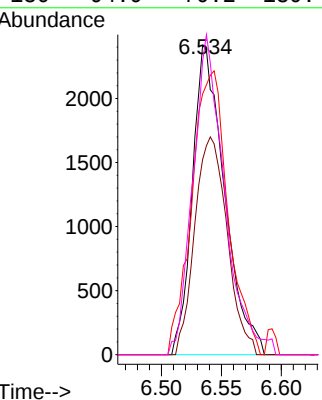
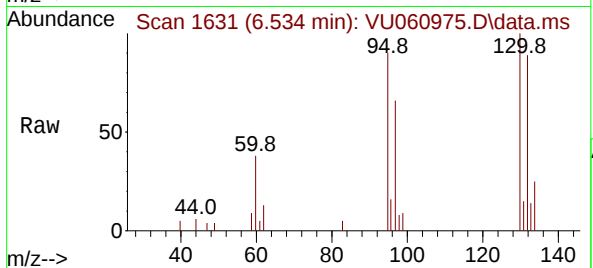
Ion Ratio Lower Upper

95 100

97 63.0 44.9 83.5

132 84.3 63.5 117.9

130 94.9 70.2 130.4



#35

Methylcyclohexane

Concen: 0.969 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060975.D

Acq: 23 Sep 2024 15:35

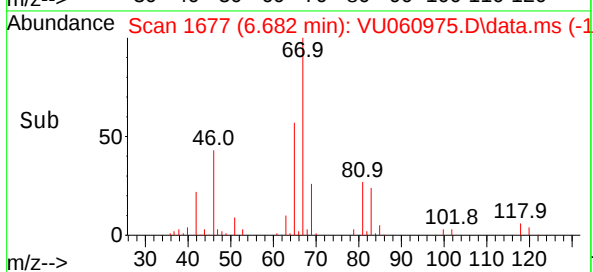
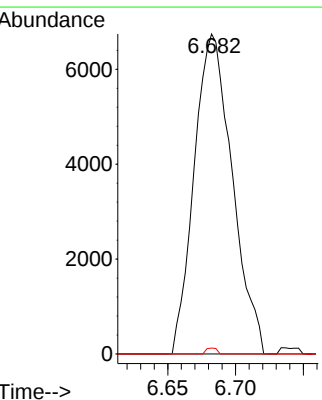
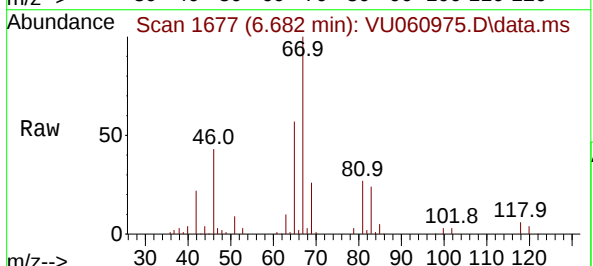
Tgt Ion: 83 Resp: 13169

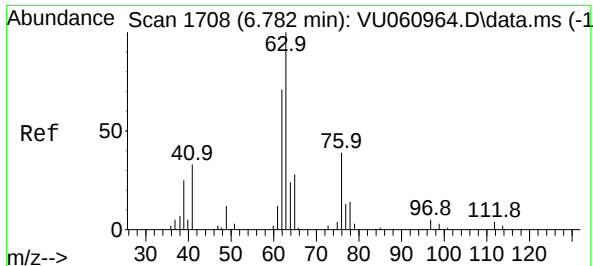
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 0.5 37.6 56.4#

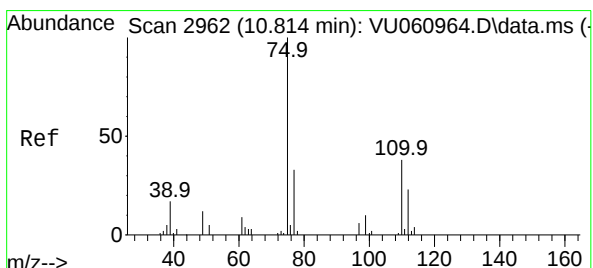
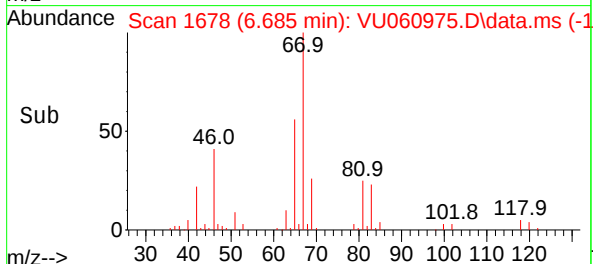
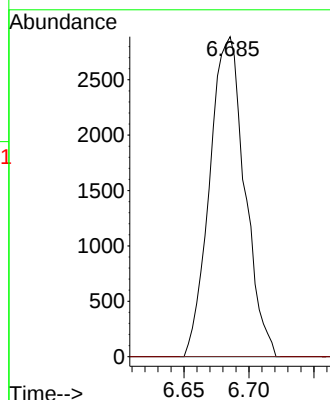
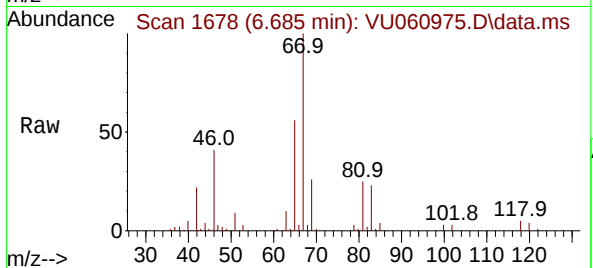




#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060975.D
Acq: 23 Sep 2024 15:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 5417
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#61
1,2,3-Trichloropropane
Concen: 1.261 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU060975.D
Acq: 23 Sep 2024 15:35

Tgt Ion: 75 Resp: 6296
Ion Ratio Lower Upper
75 100
110 3.6 28.6 43.0#
77 29.9 26.3 39.5

