

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
 Data File : VU061441.D
 Acq On : 05 Nov 2024 05:49
 Operator : MD/SY
 Sample : P4689-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 05 06:14:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 05 04:38:45 2024
 Response via : Initial Calibration

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

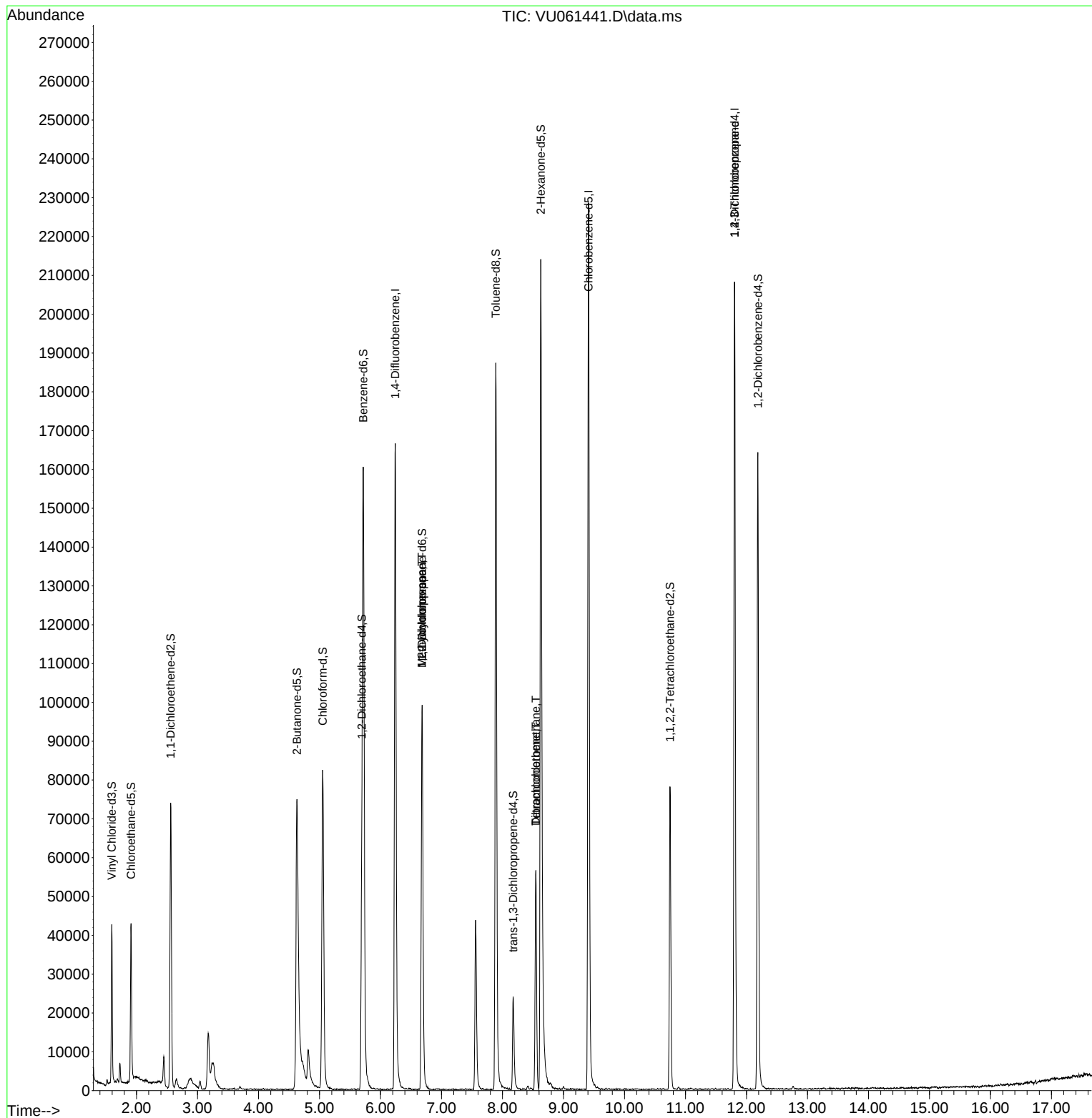
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144604	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	134820	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	58751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28481	2.899	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.000%
7) Chloroethane-d5	1.911	69	29249	3.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.000%
11) 1,1-Dichloroethene-d2	2.560	65	13986	3.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	4.631	46	95656	47.963	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.920%
24) Chloroform-d	5.052	84	79300	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.695	65	40362	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.718	84	156526	4.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.682	67	49756	4.357	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.891	98	133928	3.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	8.174	79	15652	3.357	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.200%
46) 2-Hexanone-d5	8.627	63	81276	42.565	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39737	4.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	45692	4.392	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.679	83	11181	0.619	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	5295	0.501	ug/L #	89
47) Tetrachloroethene	8.547	164	12567	1.586	ug/L	97
49) Dibromochloromethane	8.547	129	12032	1.395	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	7217	1.233	ug/L #	68

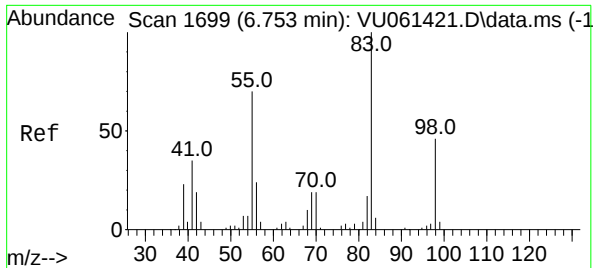
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.619 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

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MSVOA_U

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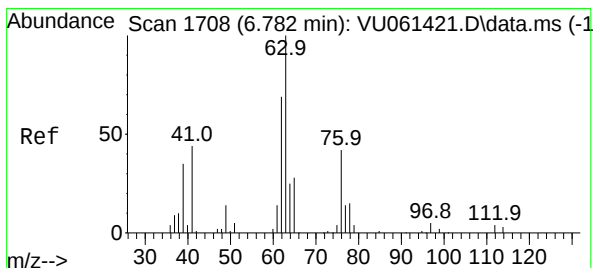
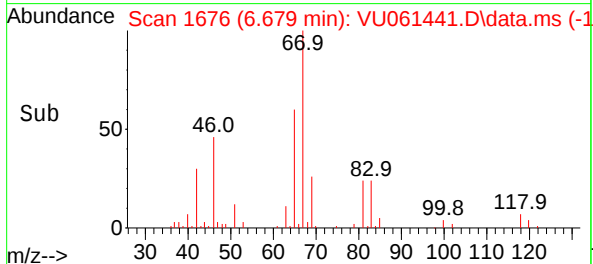
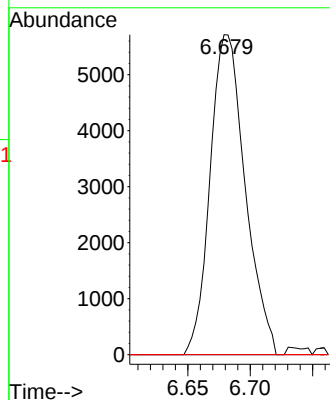
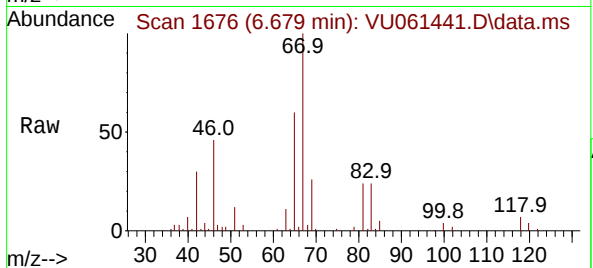
Tgt Ion: 83 Resp: 11181

Ion Ratio Lower Upper

83 100

55 0.0 55.9 83.9#

98 0.0 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.501 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU061441.D

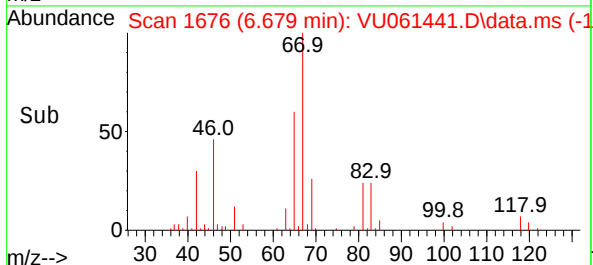
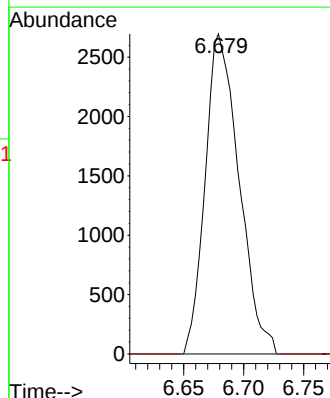
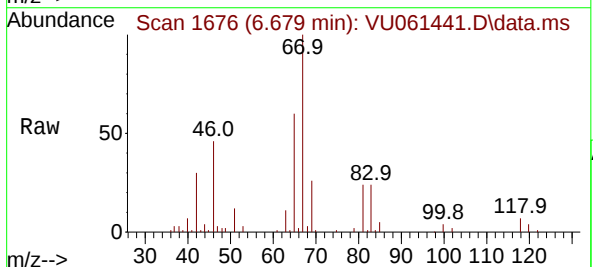
Acq: 05 Nov 2024 05:49

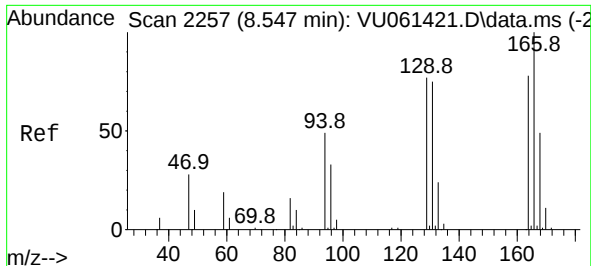
Tgt Ion: 63 Resp: 5295

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 1.586 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

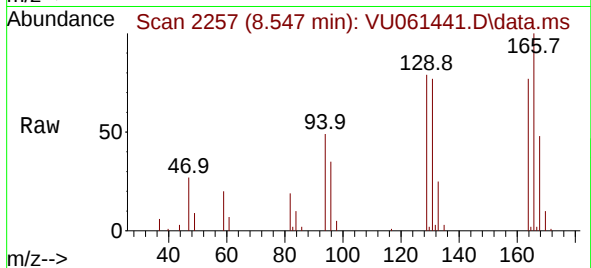
Lab File: VU061441.D

Acq: 05 Nov 2024 05:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 12567

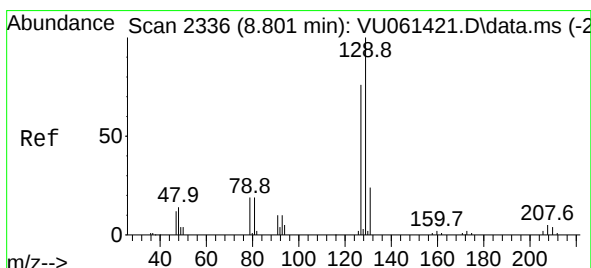
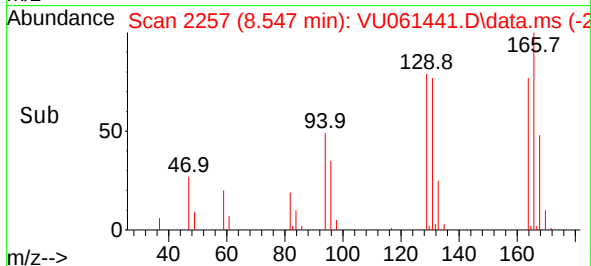
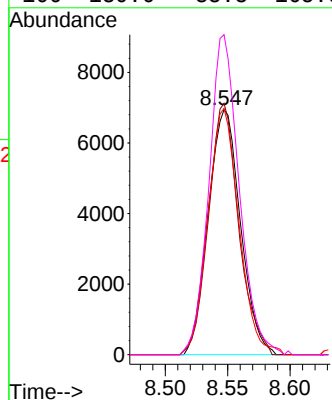
Ion Ratio Lower Upper

164 100

129 102.6 69.9 129.7

131 100.5 68.3 126.8

166 130.6 88.8 165.0



#49

Dibromochloromethane

Concen: 1.395 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU061441.D

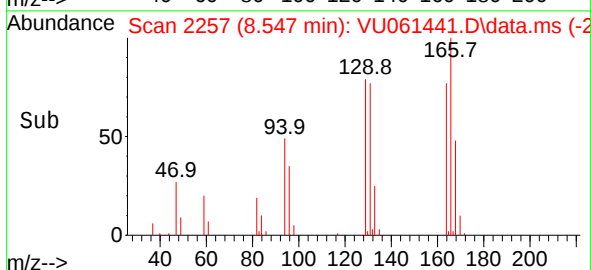
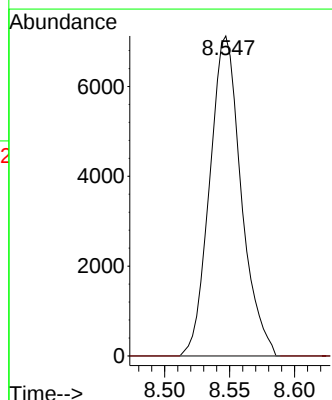
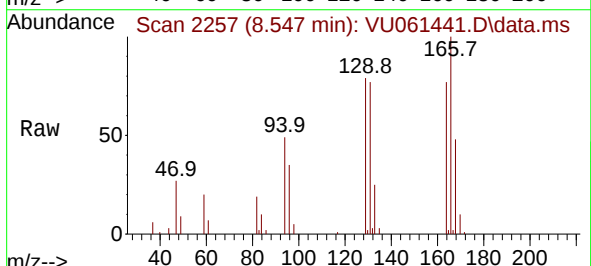
Acq: 05 Nov 2024 05:49

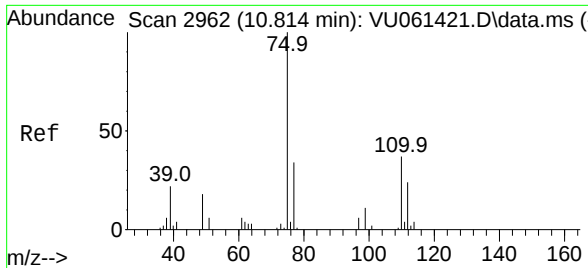
Tgt Ion:129 Resp: 12032

Ion Ratio Lower Upper

129 100

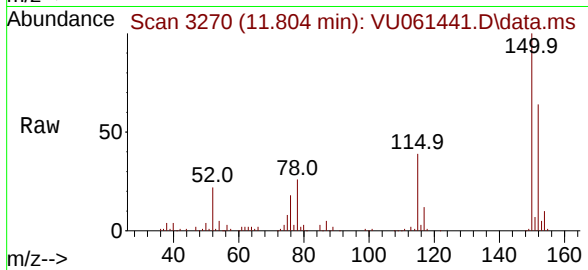
127 0.0 51.8 96.2#





#61
1,2,3-Trichloropropane
Concen: 1.233 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061441.D
Acq: 05 Nov 2024 05:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 7217
Ion Ratio Lower Upper
75 100
110 1.2 28.8 43.2#
77 33.0 25.7 38.5

