

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060961.D
 Acq On : 20 Sep 2024 22:56
 Operator : MD/SY
 Sample : P4092-14 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 01:46:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

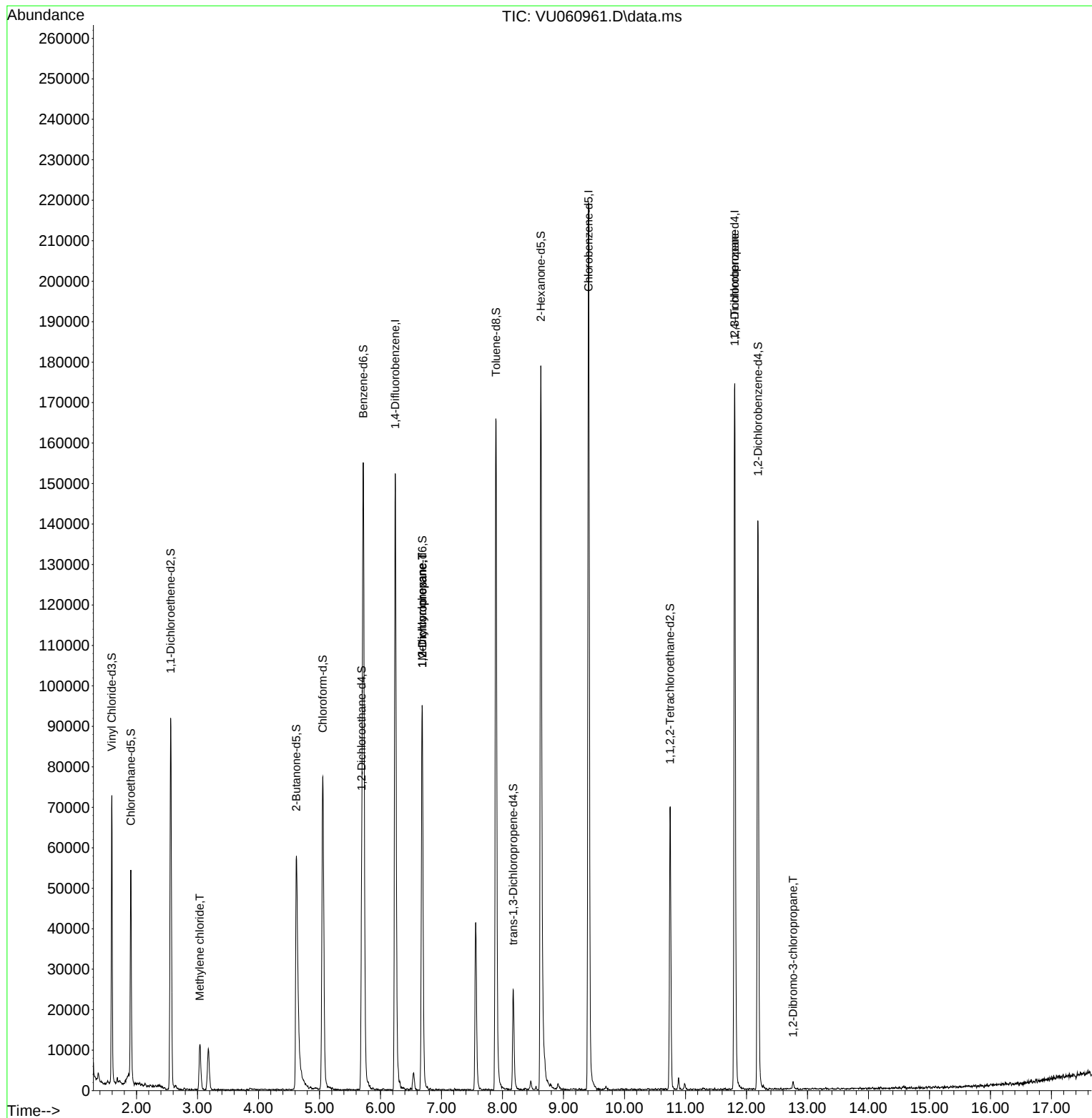
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126458	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	132515	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	51339	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	50165	4.410	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.907	69	39081	4.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.560	65	18237	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.621	46	83968	45.986	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.980%
24) Chloroform-d	5.052	84	79153	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.692	65	39451	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.717	84	150003	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.685	67	51059	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.894	98	121162	3.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.174	79	16450	4.159	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.627	63	64280	41.195	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	36305	4.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	40534	4.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	5670	0.616	ug/L	94
35) Methylcyclohexane	6.682	83	11348	0.866	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	5364	0.534	ug/L #	93
61) 1,2,3-Trichloropropane	11.804	75	5654	1.181	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.762	75	63	0.067	ug/L #	1

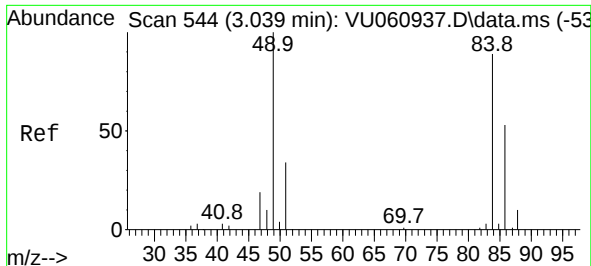
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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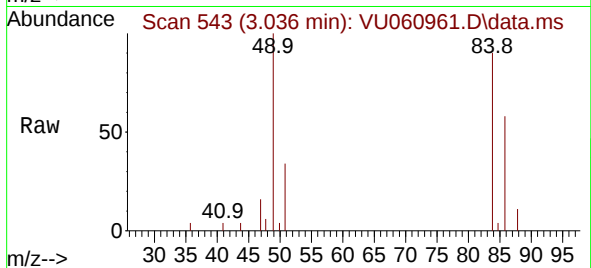
Quant Time: Sep 21 01:46:45 2024
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Quant Title : TRACE VOA SFAM1.0
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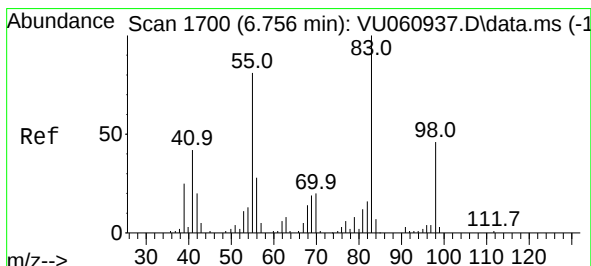
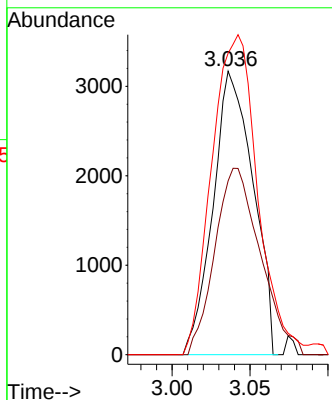
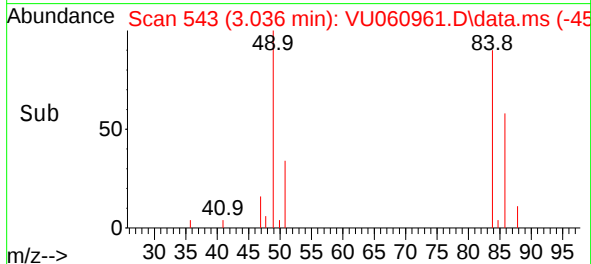


#16
Methylene chloride
Concen: 0.616 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU060961.D
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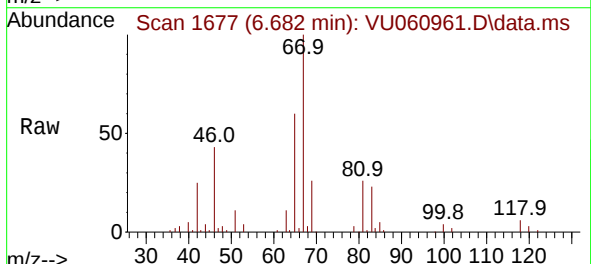
Instrument :
MSVOA_U
ClientSampleId :



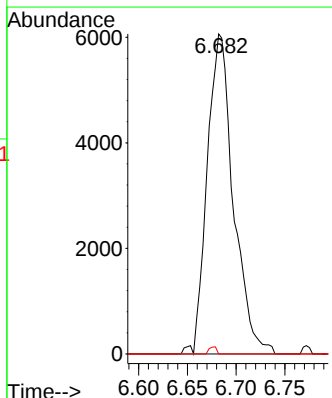
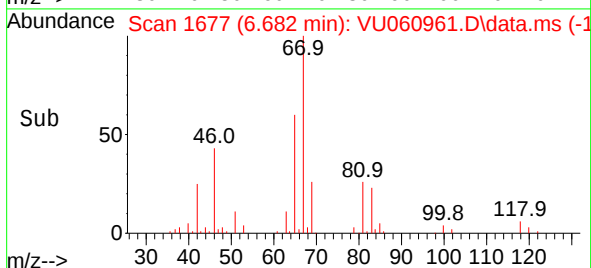
Tgt Ion: 84 Resp: 5670
Ion Ratio Lower Upper
84 100
86 61.3 47.3 87.8
49 106.3 78.7 146.1

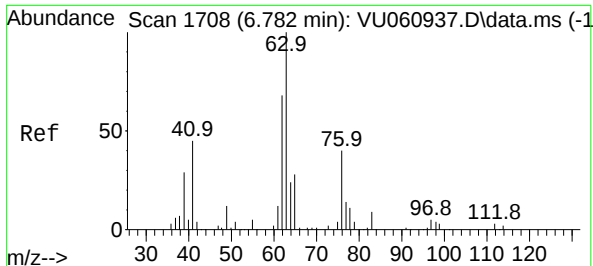


#35
Methylcyclohexane
Concen: 0.866 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060961.D
Acq: 20 Sep 2024 22:56



Tgt Ion: 83 Resp: 11348
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.6 37.6 56.4#

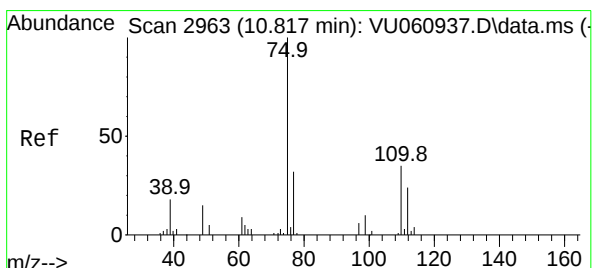
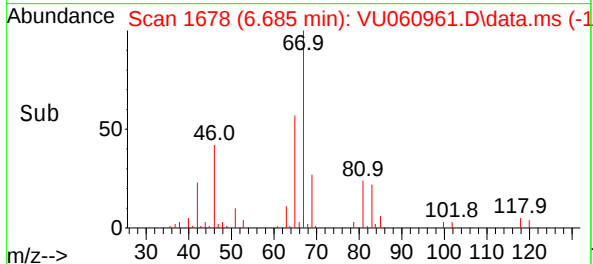
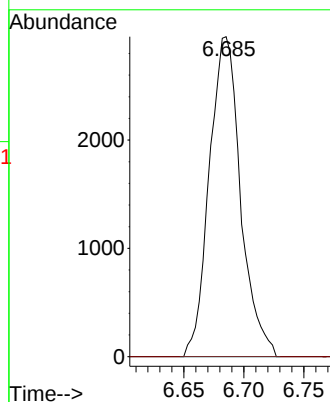
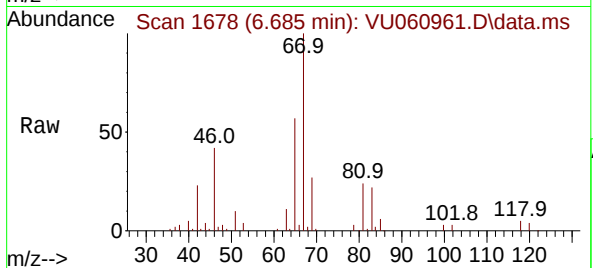




#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU060961.D
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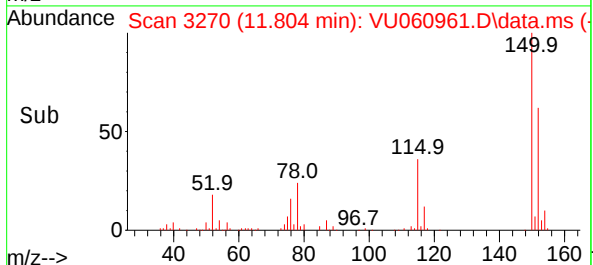
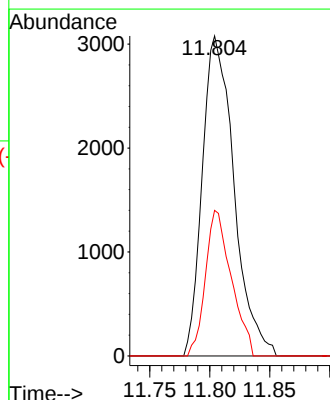
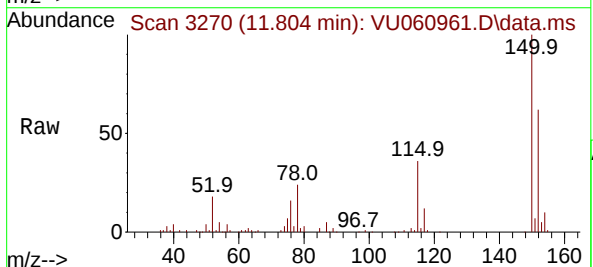
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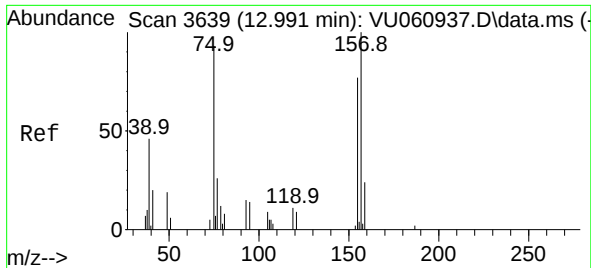
Tgt Ion: 63 Resp: 5364
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#61
1,2,3-Trichloropropane
Concen: 1.181 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU060961.D
Acq: 20 Sep 2024 22:56

Tgt Ion: 75 Resp: 5654
Ion Ratio Lower Upper
75 100
110 0.0 28.6 43.0#
77 37.2 26.3 39.5





#68

1,2-Dibromo-3-chloropropane

Concen: 0.067 ug/L

RT: 12.762 min Scan# 3568

Delta R.T. -0.228 min

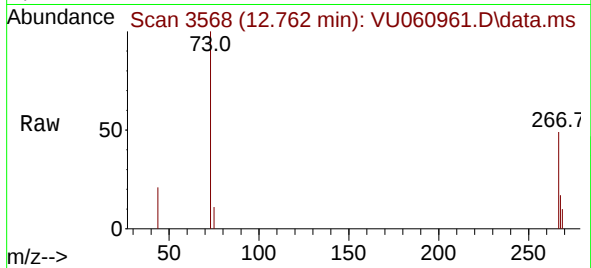
Lab File: VU060961.D

Acq: 20 Sep 2024 22:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

155 0.0 73.1 109.7#

157 0.0 91.0 136.4#

