

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060533.D
 Acq On : 24 Aug 2024 00:48
 Operator : MD/SY
 Sample : P3711-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:52:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:46:38 2024
 Response via : Initial Calibration

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

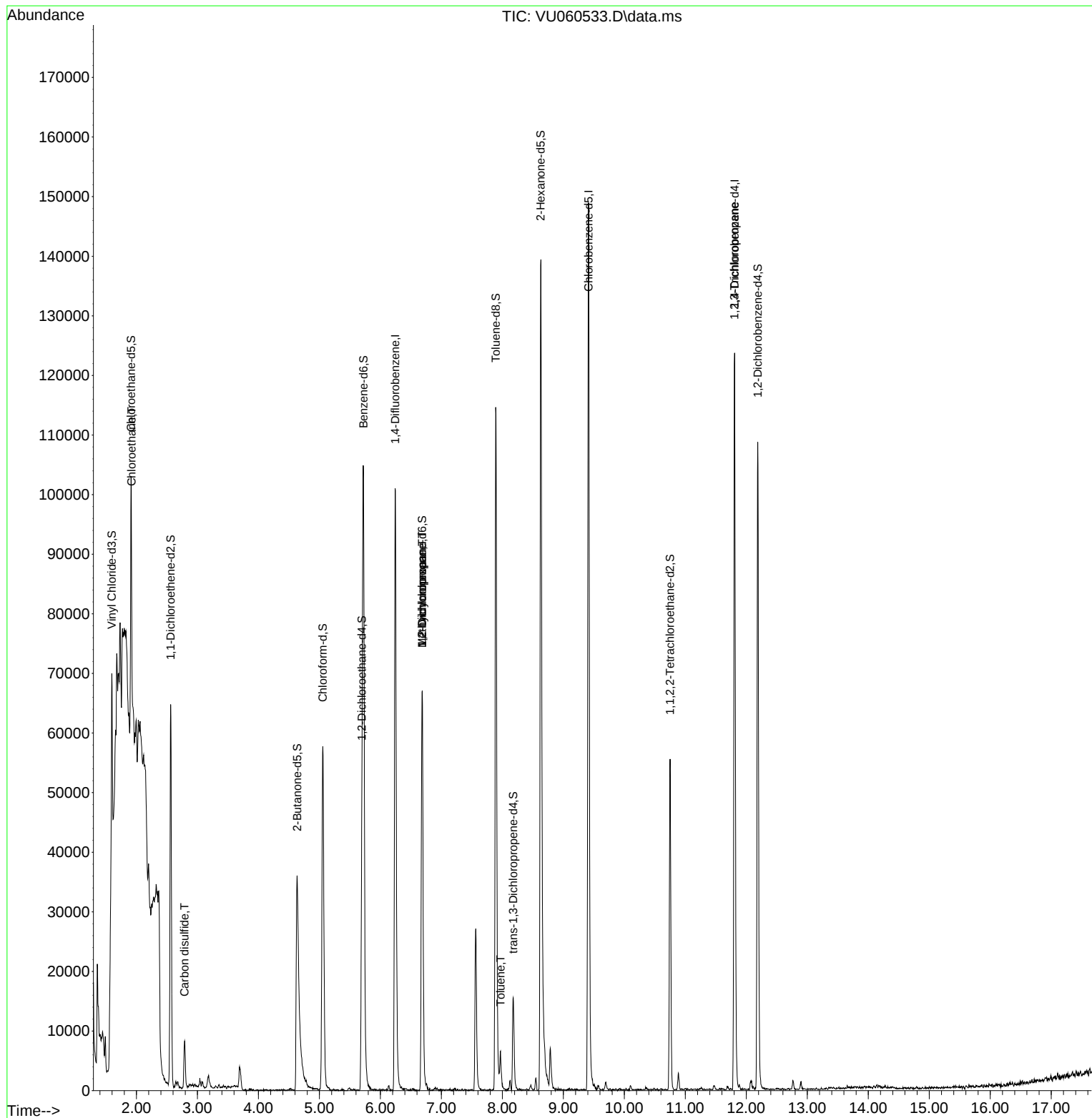
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85208	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	88888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35557	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18301	4.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.911	69	28633	5.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.560	65	12489	5.631	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.600%
20) 2-Butanone-d5	4.634	46	65080	50.287	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.580%
24) Chloroform-d	5.055	84	55252	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.695	65	30750	5.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.721	84	98612	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.682	67	33968	5.416	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.891	98	79727	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.177	79	10026	4.468	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.627	63	48411	45.056	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	28198	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	30659	5.848	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.000%
Target Compounds						
					Qvalue	
8) Chloroethane	1.917	64	6128	0.814	ug/L #	51
14) Carbon disulfide	2.788	76	11105	0.490	ug/L	99
35) Methylcyclohexane	6.682	83	7782	0.742	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	3693	0.511	ug/L #	91
42) Toluene	7.968	91	4948	0.166	ug/L	97
61) 1,2,3-Trichloropropane	11.804	75	4063	1.185	ug/L #	66

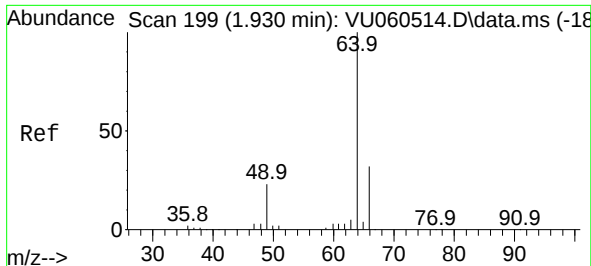
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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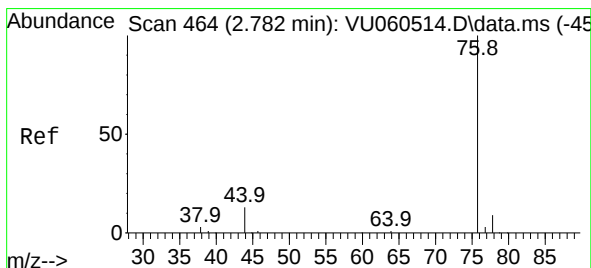
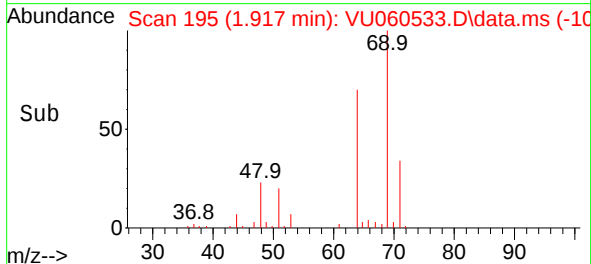
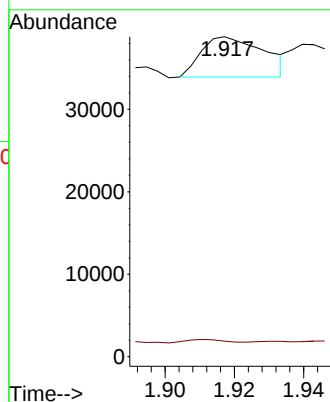
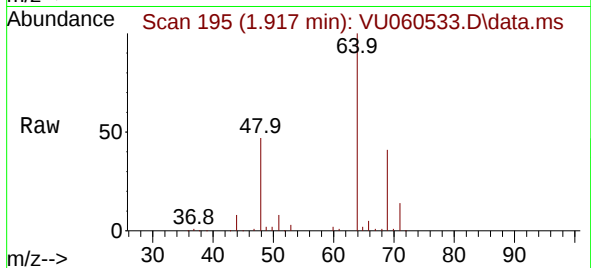




#8
Chloroethane
Concen: 0.814 ug/L
RT: 1.917 min Scan# 1
Delta R.T. -0.013 min
Lab File: VU060533.D
Acq: 24 Aug 2024 00:48

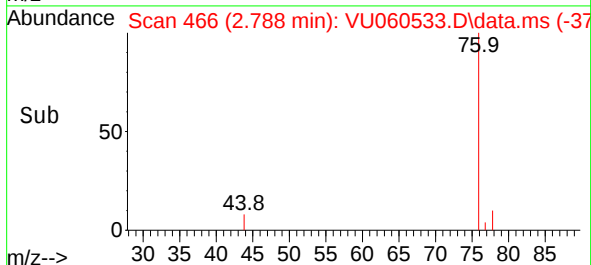
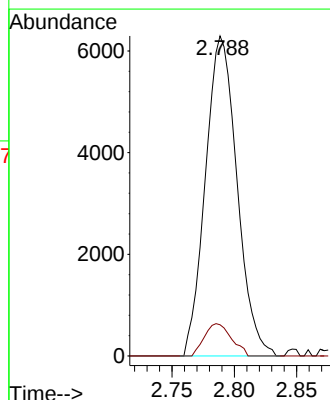
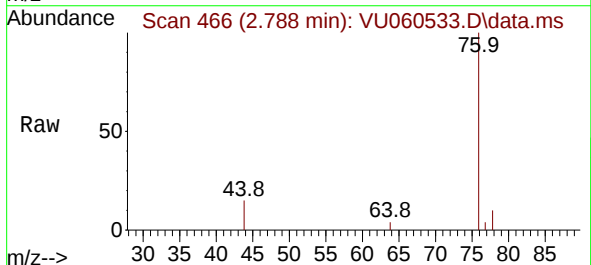
Instrument :
MSVOA_U
ClientSampleId :

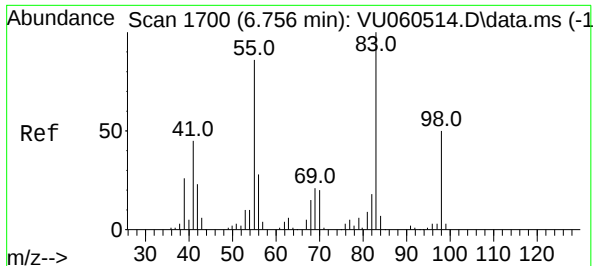
Tgt Ion: 64 Resp: 6128
Ion Ratio Lower Upper
64 100
66 4.8 22.5 41.9#



#14
Carbon disulfide
Concen: 0.490 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.006 min
Lab File: VU060533.D
Acq: 24 Aug 2024 00:48

Tgt Ion: 76 Resp: 11105
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2





#35

Methylcyclohexane

Concen: 0.742 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU060533.D

Acq: 24 Aug 2024 00:48

Instrument :

MSVOA_U

ClientSampleId :

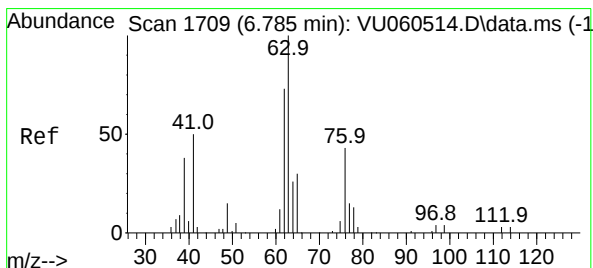
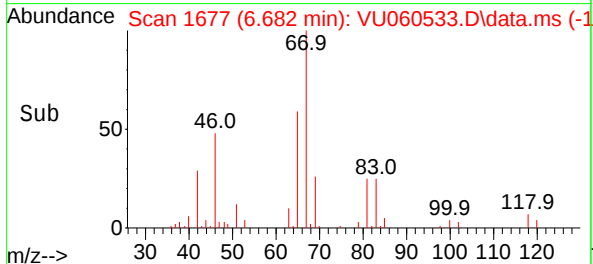
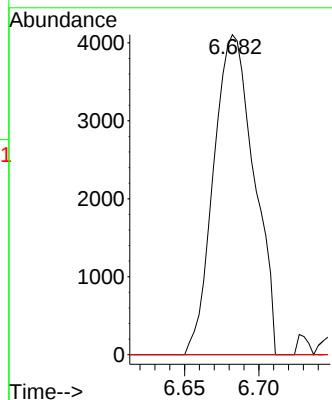
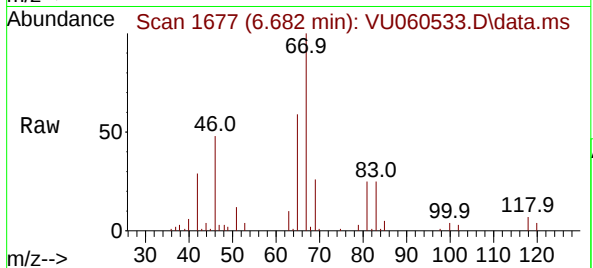
Tgt Ion: 83 Resp: 7782

Ion Ratio Lower Upper

83 100

55 1.2 65.8 98.8#

98 1.0 37.8 56.8#



#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU060533.D

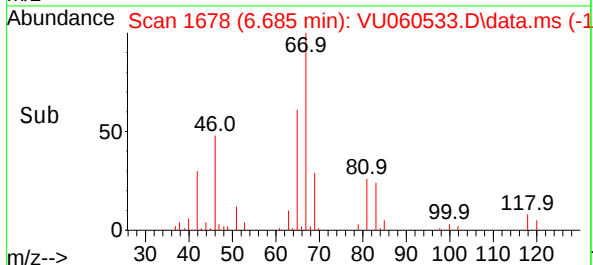
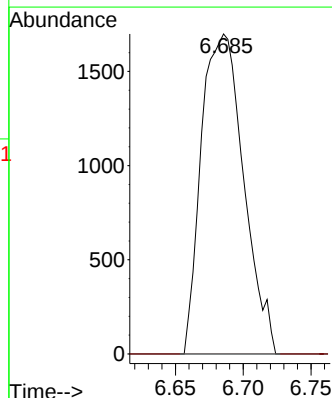
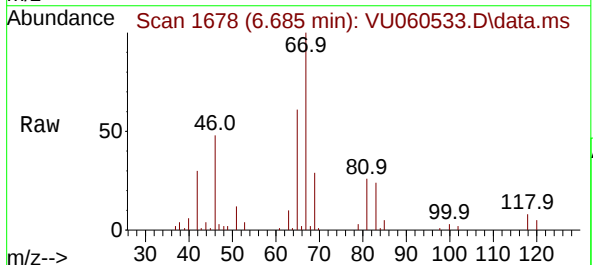
Acq: 24 Aug 2024 00:48

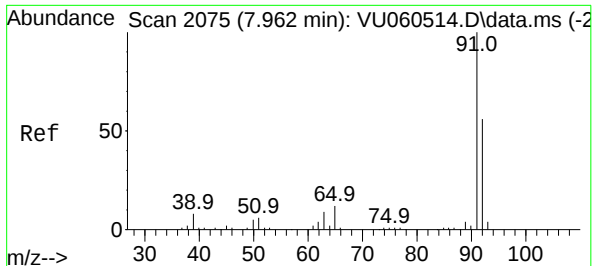
Tgt Ion: 63 Resp: 3693

Ion Ratio Lower Upper

63 100

112 0.0 2.3 3.5#





#42

Toluene

Concen: 0.166 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU060533.D

Acq: 24 Aug 2024 00:48

Instrument :

MSVOA_U

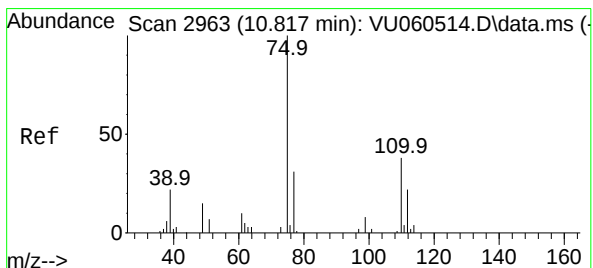
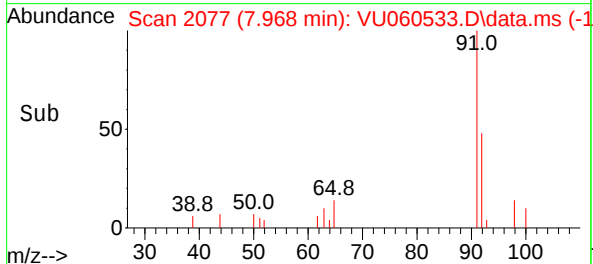
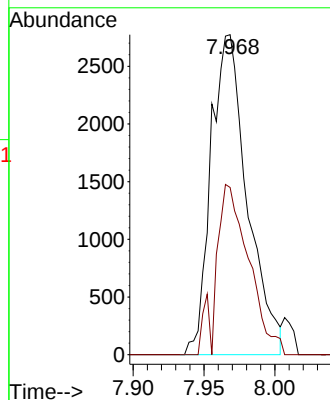
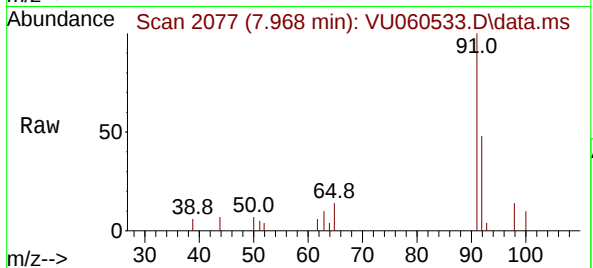
ClientSampleId :

Tgt Ion: 91 Resp: 4948

Ion Ratio Lower Upper

91 100

92 52.3 38.0 70.6



#61

1,2,3-Trichloropropane

Concen: 1.185 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU060533.D

Acq: 24 Aug 2024 00:48

Tgt Ion: 75 Resp: 4063

Ion Ratio Lower Upper

75 100

110 0.0 30.2 45.4#

77 31.8 25.4 38.2

