

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120224\
 Data File : VU062069.D
 Acq On : 02 Dec 2024 12:21
 Operator : MD/SY
 Sample : P5017-02DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 00:24:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 03 00:21:51 2024
 Response via : Initial Calibration

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

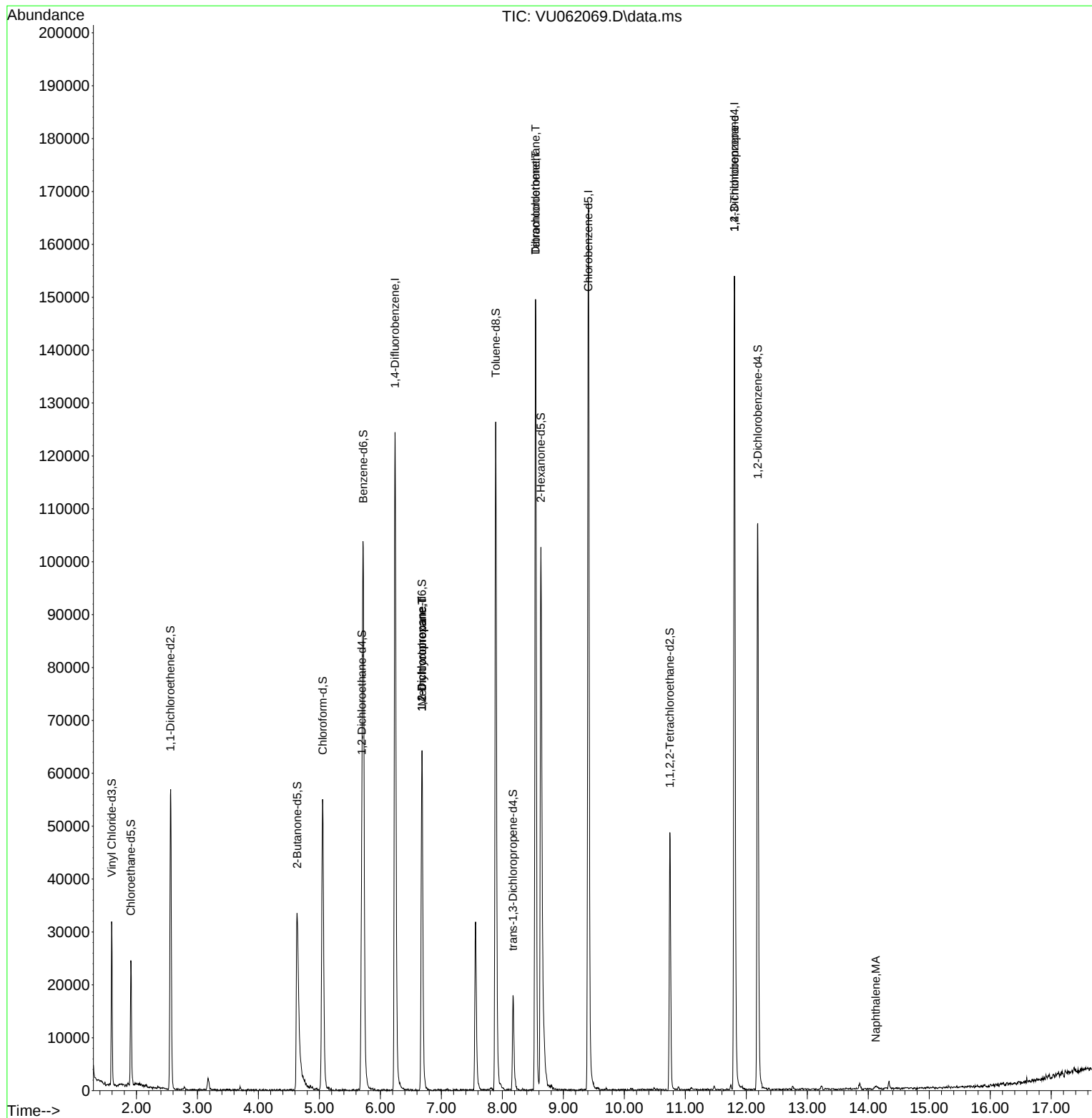
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	105828	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	99849	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44769	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	21886	4.216	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.400%	
7) Chloroethane-d5	1.908	69	17315	3.771	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.400%	
11) 1,1-Dichloroethene-d2	2.557	65	11447	5.520	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	110.400%	
20) 2-Butanone-d5	4.634	46	54271	33.293	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	66.580%	
24) Chloroform-d	5.052	84	55128	4.353	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	5.695	65	28491	4.371	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
32) Benzene-d6	5.718	84	101582	5.222	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
36) 1,2-Dichloropropane-d6	6.679	67	32190	4.870	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.891	98	89492	5.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.400%	
43) trans-1,3-Dichloroprop...	8.174	79	12088	4.940	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.800%	
46) 2-Hexanone-d5	8.631	63	40655	36.397	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.800%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24696	3.739	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	74.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	31029	4.687	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.800%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	7751	0.630	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	3659	0.467	ug/L #	87
47) Tetrachloroethene	8.544	164	33910	5.793	ug/L	97
49) Dibromochloromethane	8.544	129	34327	5.630	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	5221	1.009	ug/L #	68
71) Naphthalene	14.123	128	1982	0.174	ug/L #	71

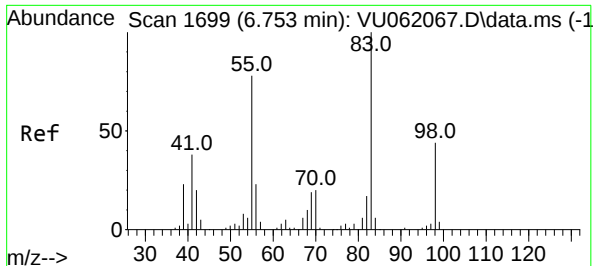
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 03 00:21:51 2024
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.630 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062069.D

Acq: 02 Dec 2024 12:21

Instrument :

MSVOA_U

ClientSampleId :

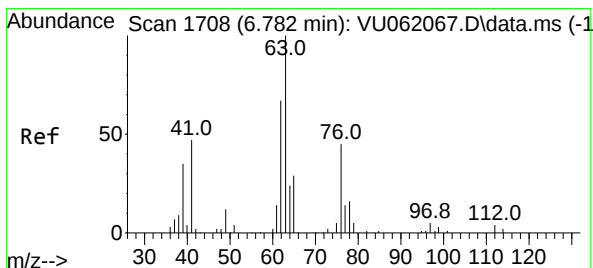
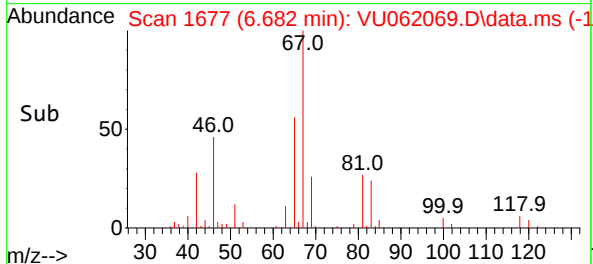
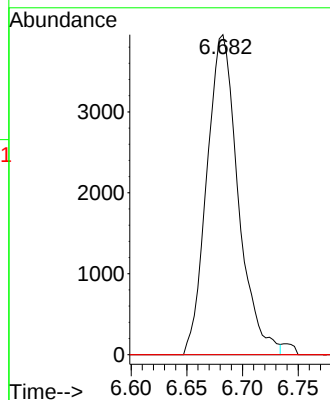
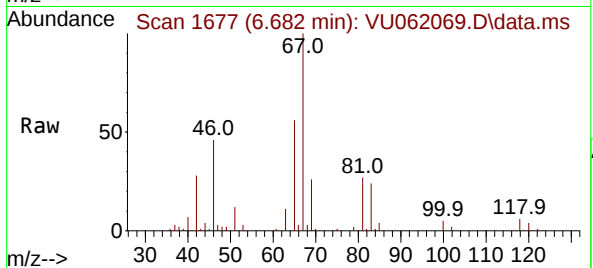
Tgt Ion: 83 Resp: 7751

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.467 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU062069.D

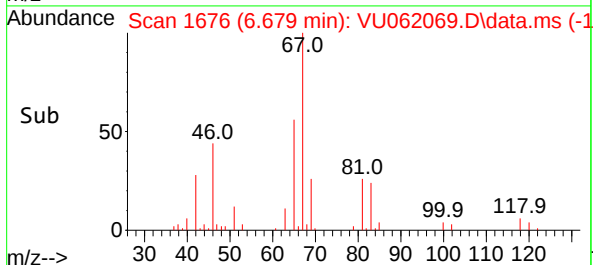
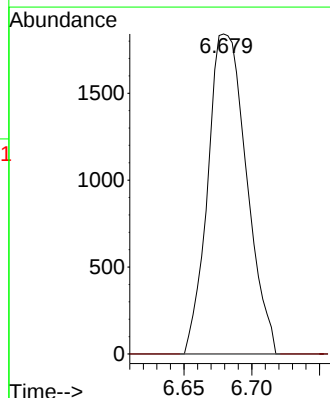
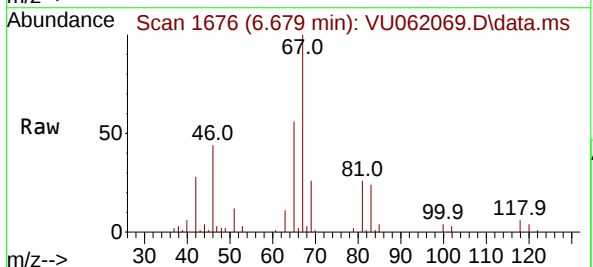
Acq: 02 Dec 2024 12:21

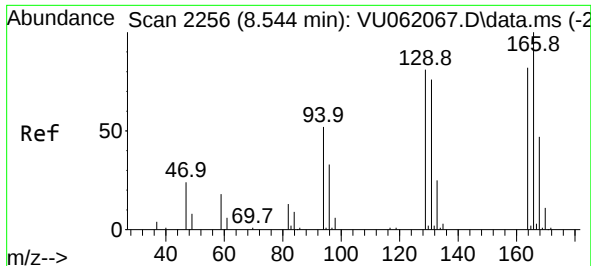
Tgt Ion: 63 Resp: 3659

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 5.793 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU062069.D

Acq: 02 Dec 2024 12:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 33910

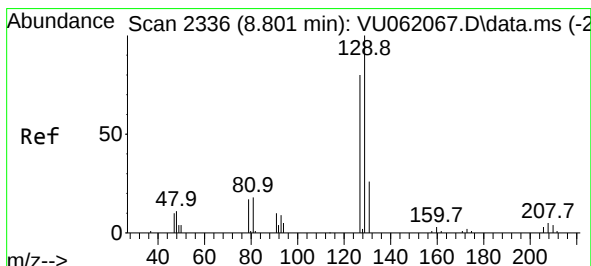
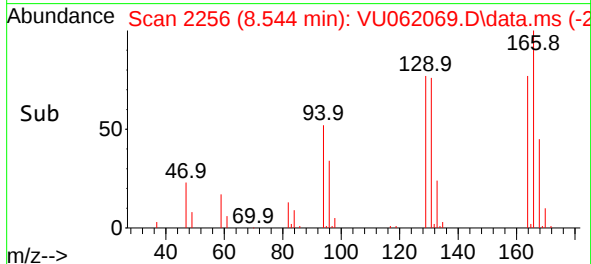
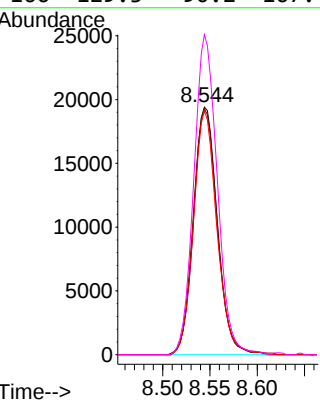
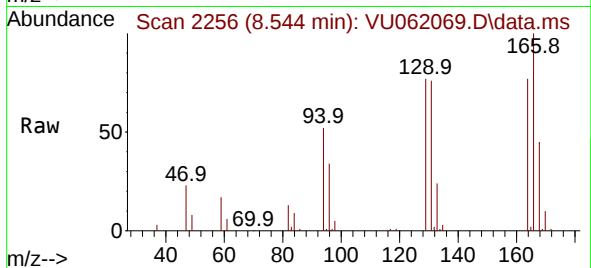
Ion Ratio Lower Upper

164 100

129 99.4 73.2 136.0

131 98.4 72.3 134.3

166 129.3 90.2 167.4



#49

Dibromochloromethane

Concen: 5.630 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.254 min

Lab File: VU062069.D

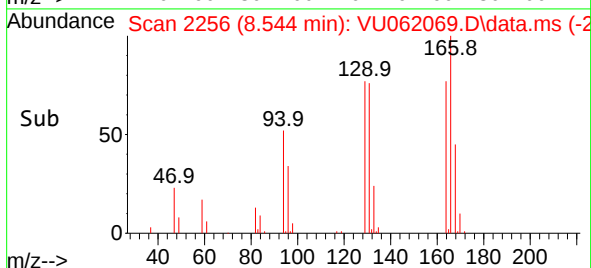
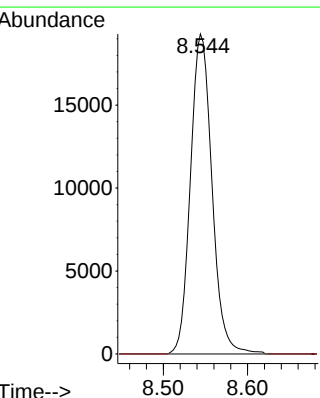
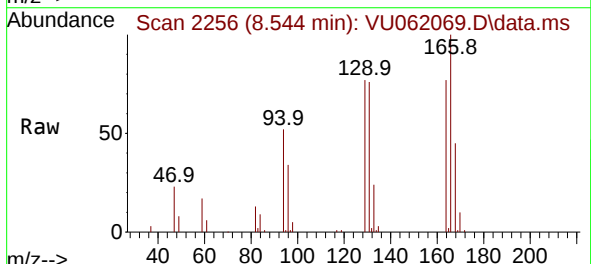
Acq: 02 Dec 2024 12:21

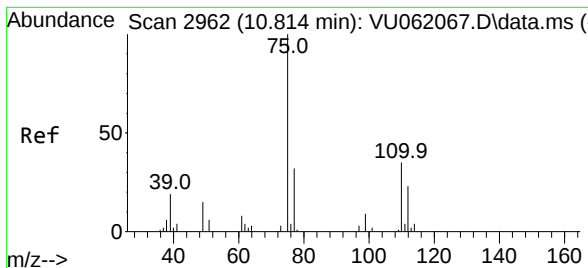
Tgt Ion:129 Resp: 34327

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#





#61

1,2,3-Trichloropropane

Concen: 1.009 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU062069.D

Acq: 02 Dec 2024 12:21

Instrument :

MSVOA_U

ClientSampleId :

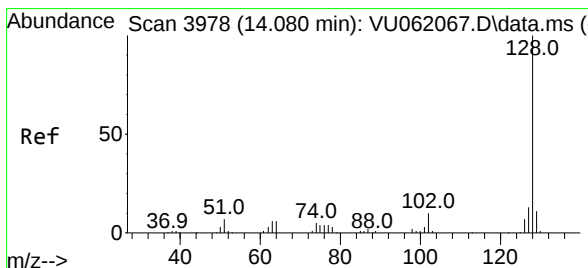
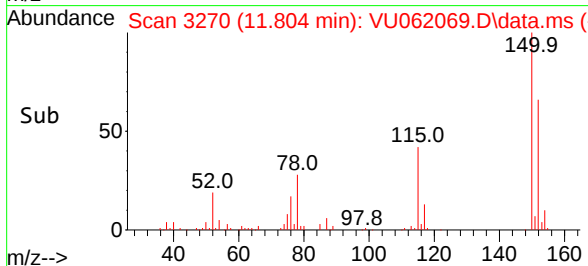
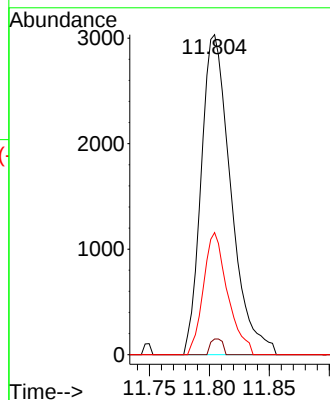
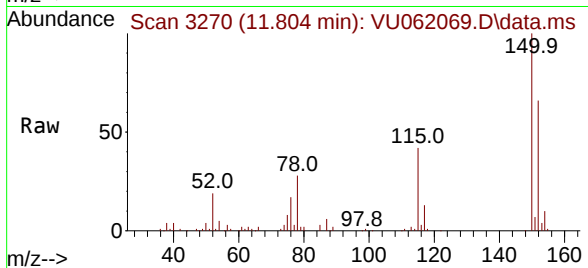
Tgt Ion: 75 Resp: 5221

Ion Ratio Lower Upper

75 100

110 2.0 28.9 43.3#

77 31.2 26.5 39.7



#71

Naphthalene

Concen: 0.174 ug/L

RT: 14.123 min Scan# 3991

Delta R.T. 0.042 min

Lab File: VU062069.D

Acq: 02 Dec 2024 12:21

Tgt Ion:128 Resp: 1982

Ion Ratio Lower Upper

128 100

129 1.0 8.5 12.7#

127 0.0 10.2 15.4#

