

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056862.D
 Acq On : 15 Dec 2023 02:14
 Operator : MD/SY
 Sample : 05770-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y81

Quant Time: Dec 15 05:12:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

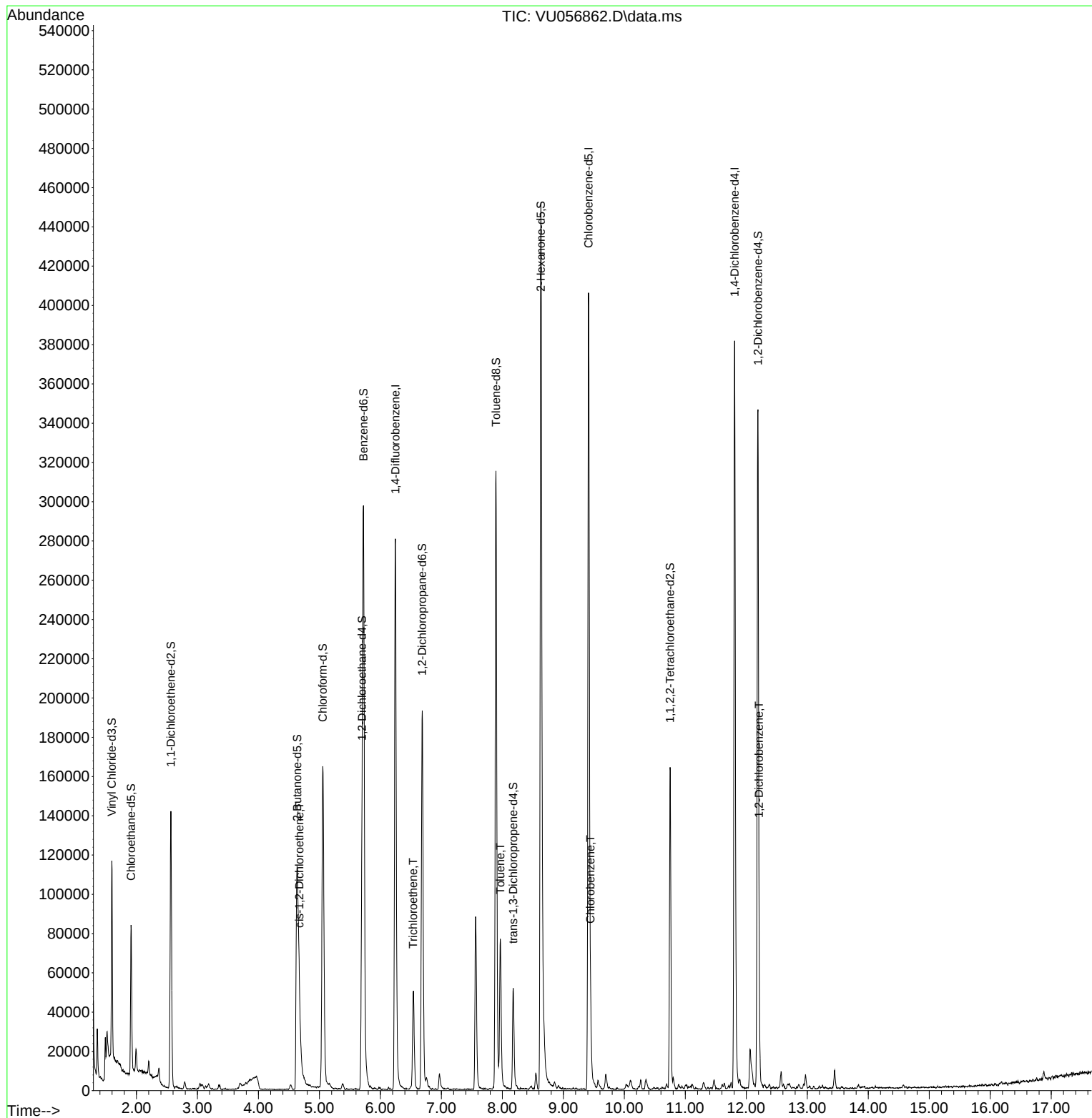
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	232294	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	239232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59231	2.975	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.400%	
7) Chloroethane-d5	1.911	69	57457	3.856	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.200%	
11) 1,1-Dichloroethene-d2	2.563	65	27397	3.216	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.400%	
20) 2-Butanone-d5	4.634	46	228679	58.155	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.320%	
24) Chloroform-d	5.055	84	159357	4.226	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
26) 1,2-Dichloroethane-d4	5.698	65	81848	4.587	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
32) Benzene-d6	5.721	84	280805	3.784	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.600%	
36) 1,2-Dichloropropane-d6	6.682	67	99081	4.266	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.894	98	218292	3.291	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.800%#	
43) trans-1,3-Dichloroprop...	8.177	79	32440	3.602	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.000%	
46) 2-Hexanone-d5	8.631	63	160119	47.135	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.280%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81003	4.820	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	89249	4.418	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.400%	
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.669	96	8605	0.414	ug/L	90
34) Trichloroethene	6.538	95	18253	0.791	ug/L	94
42) Toluene	7.965	91	57964	0.666	ug/L	97
51) Chlorobenzene	9.444	112	18522	0.334	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	7913	0.226	ug/L	95

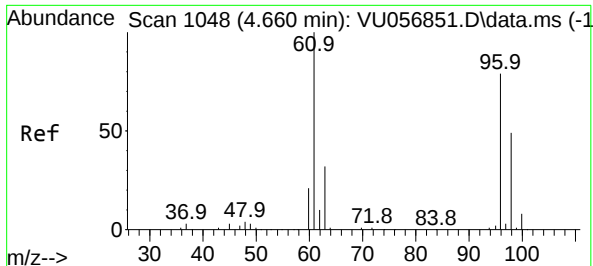
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056862.D
Acq On : 15 Dec 2023 02:14
Operator : MD/SY
Sample : 05770-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y81

Quant Time: Dec 15 05:12:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration

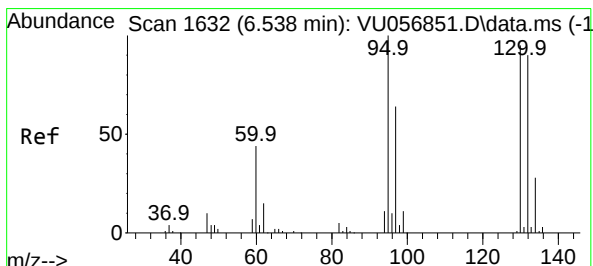
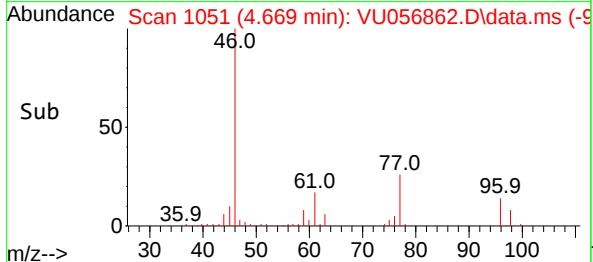
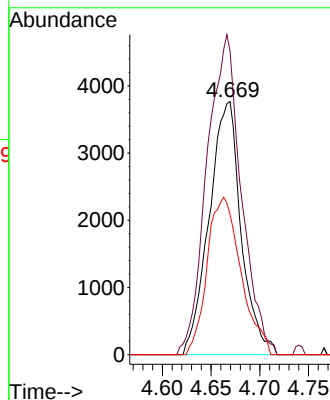
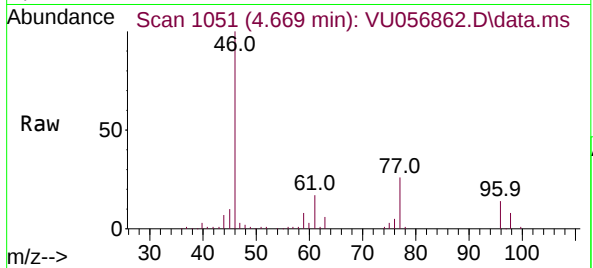




#22
 cis-1,2-Dichloroethene
 Concen: 0.414 ug/L
 RT: 4.669 min Scan# 1051
 Delta R.T. 0.010 min
 Lab File: VU056862.D
 Acq: 15 Dec 2023 02:14

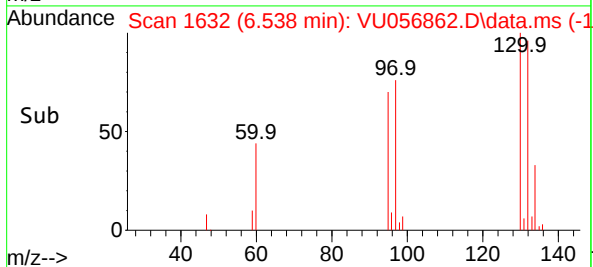
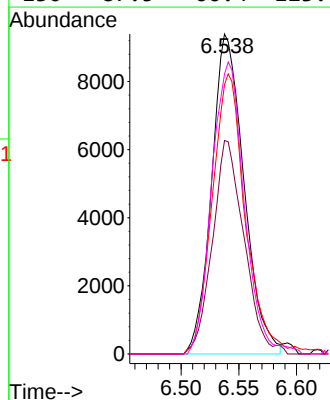
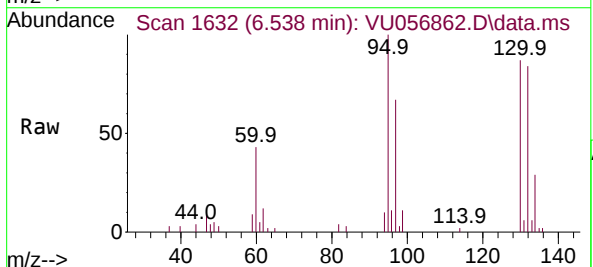
Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y81

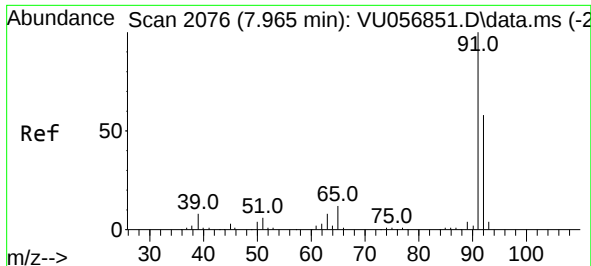
Tgt Ion: 96 Resp: 8605
 Ion Ratio Lower Upper
 96 100
 61 119.7 91.3 169.6
 98 55.2 44.2 82.0



#34
 Trichloroethene
 Concen: 0.791 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU056862.D
 Acq: 15 Dec 2023 02:14

Tgt Ion: 95 Resp: 18253
 Ion Ratio Lower Upper
 95 100
 97 66.7 46.1 85.5
 132 84.2 63.6 118.0
 130 87.5 66.4 123.4





#42

Toluene

Concen: 0.666 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056862.D

Acq: 15 Dec 2023 02:14

Instrument :

MSVOA_U

ClientSampleId :

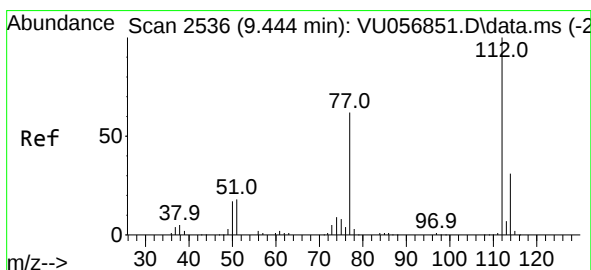
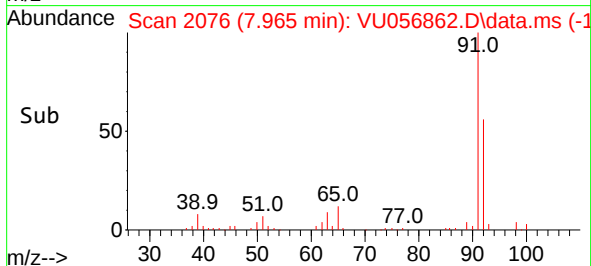
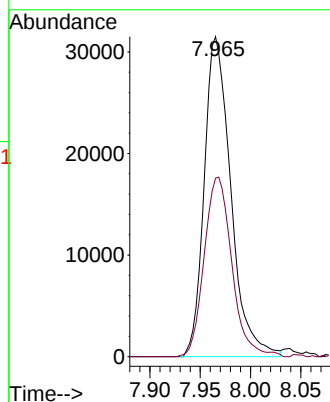
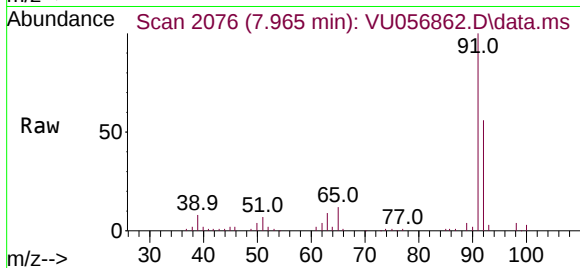
E0Y81

Tgt Ion: 91 Resp: 57964

Ion Ratio Lower Upper

91 100

92 55.8 40.4 75.0



#51

Chlorobenzene

Concen: 0.334 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU056862.D

Acq: 15 Dec 2023 02:14

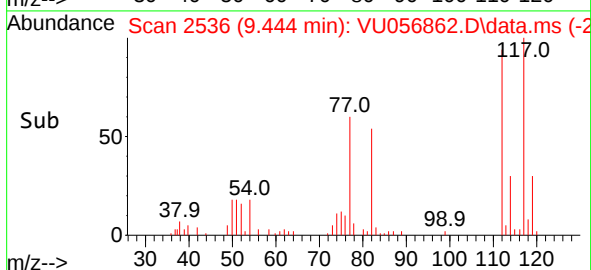
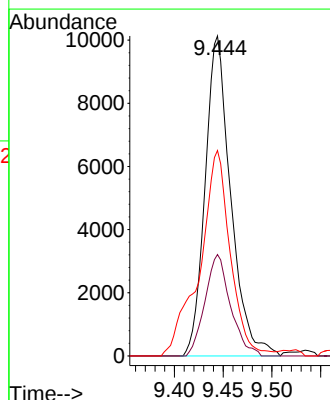
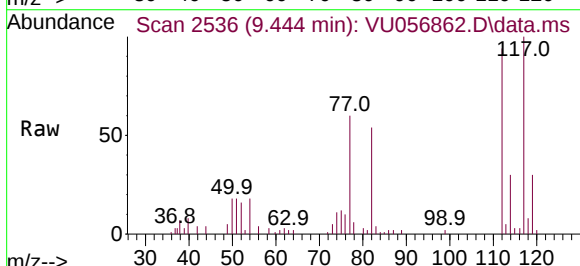
Tgt Ion: 112 Resp: 18522

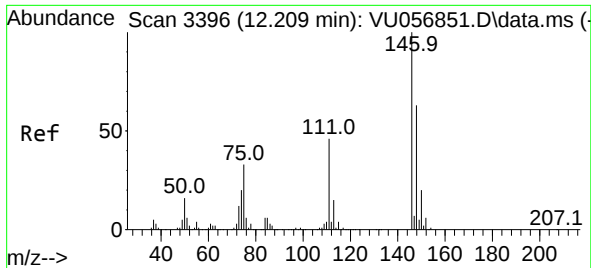
Ion Ratio Lower Upper

112 100

114 31.7 21.9 40.7

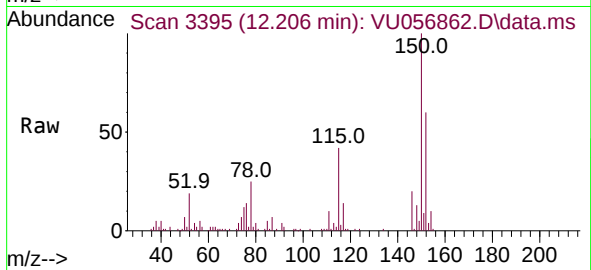
77 64.2 51.6 77.4





#67
 1,2-Dichlorobenzene
 Concen: 0.226 ug/L
 RT: 12.206 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU056862.D
 Acq: 15 Dec 2023 02:14

Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y81



Tgt Ion:	146	Resp:	7913
Ion	Ratio	Lower	Upper
146	100		
111	51.1	36.9	55.3
148	63.7	53.0	79.4

