

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062266.D
 Acq On : 12 Dec 2024 02:48
 Operator : MD/SY
 Sample : P5251-22
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 03:10:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 01:45:00 2024
 Response via : Initial Calibration

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

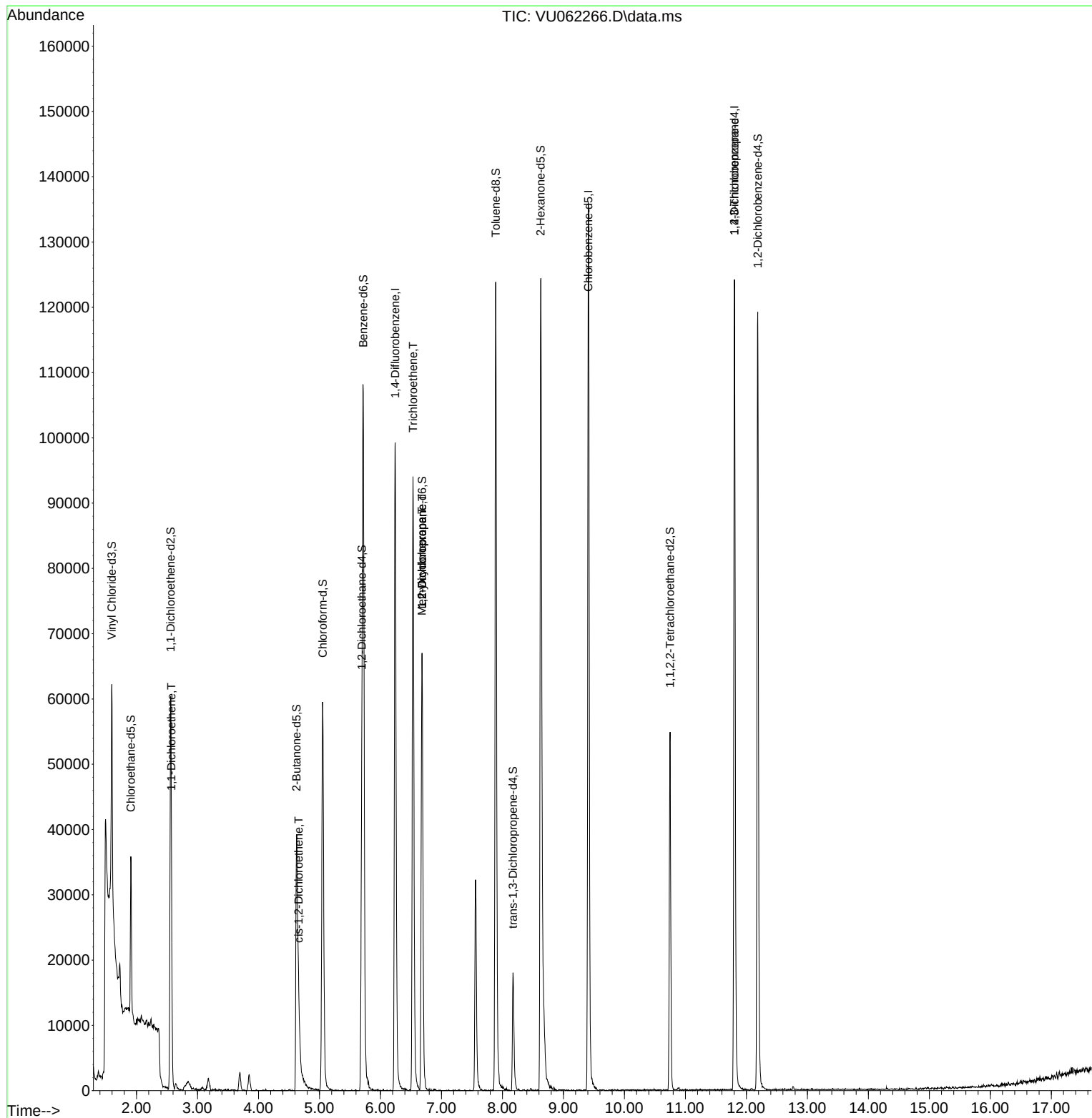
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85243	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21180	3.684	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.600%	
7) Chloroethane-d5	1.907	69	17837	4.361	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.560	65	10272	3.755	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	4.624	46	58938	53.486	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.980%	
24) Chloroform-d	5.052	84	58537	4.704	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.695	65	33429	5.463	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.200%	
32) Benzene-d6	5.718	84	102132	4.435	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.682	67	32155	4.880	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.891	98	88728	4.079	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	8.174	79	12597	4.343	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.627	63	44222	50.540	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.080%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	26069	5.084	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	34885	5.269	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	4554	0.791	ug/L #	1
22) cis-1,2-Dichloroethene	4.660	96	2168	0.327	ug/L	89
34) Trichloroethene	6.534	95	33853	4.823	ug/L	99
35) Methylcyclohexane	6.679	83	8324	0.800	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	3616	0.599	ug/L #	87
61) 1,2,3-Trichloropropane	11.804	75	3564	1.073	ug/L #	64

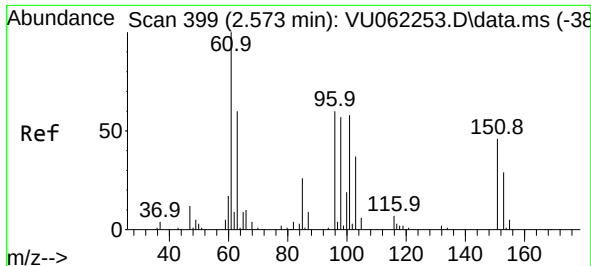
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.791 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU062266.D

Acq: 12 Dec 2024 02:48

Instrument :

MSVOA_U

ClientSampleId :

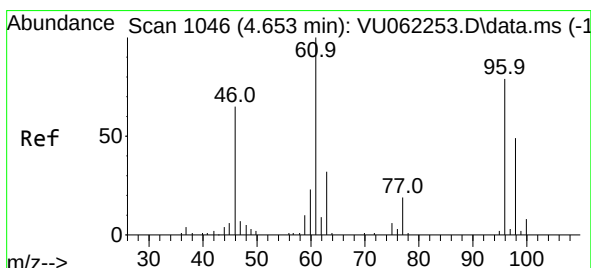
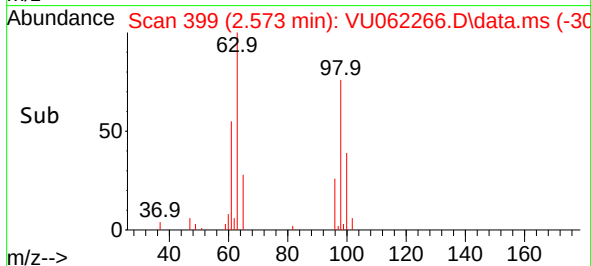
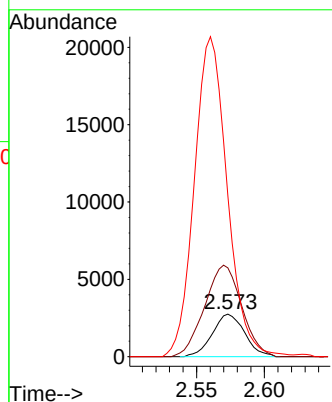
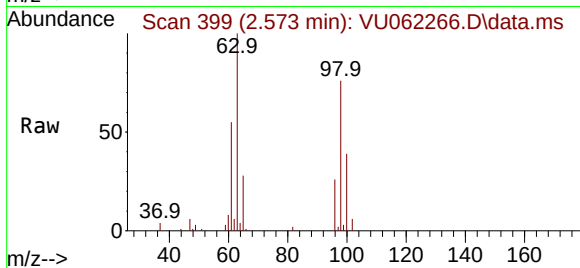
Tgt Ion: 96 Resp: 4554

Ion Ratio Lower Upper

96 100

61 208.7 119.6 222.2

63 378.0 65.0 120.6#



#22

cis-1,2-Dichloroethene

Concen: 0.327 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.006 min

Lab File: VU062266.D

Acq: 12 Dec 2024 02:48

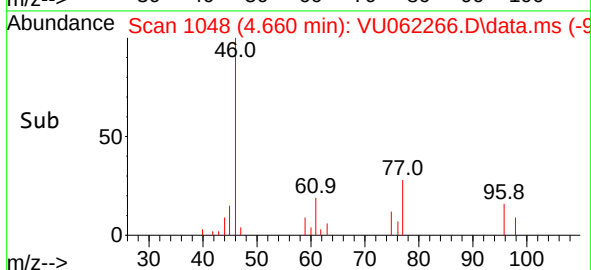
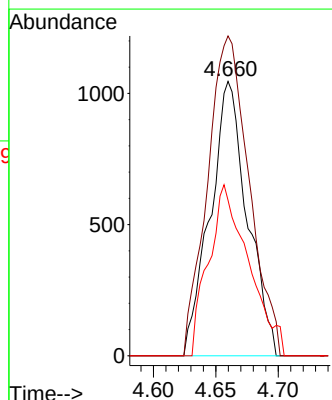
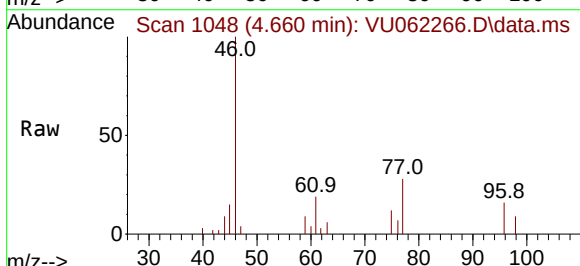
Tgt Ion: 96 Resp: 2168

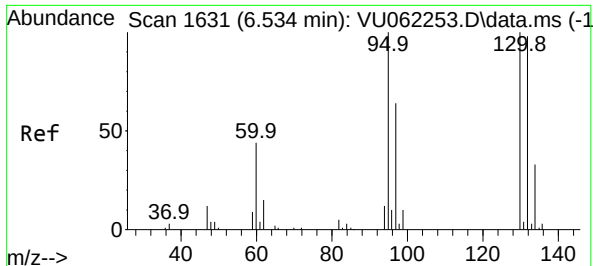
Ion Ratio Lower Upper

96 100

61 116.5 92.0 170.8

98 56.7 44.5 82.7





#34

Trichloroethene

Concen: 4.823 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

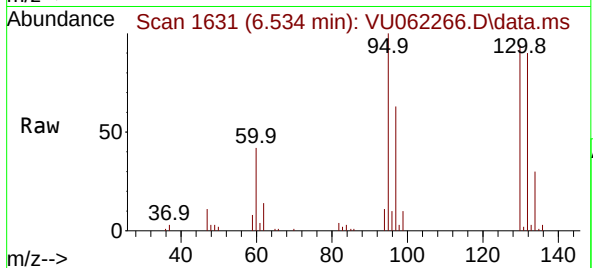
Lab File: VU062266.D

Acq: 12 Dec 2024 02:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 33853

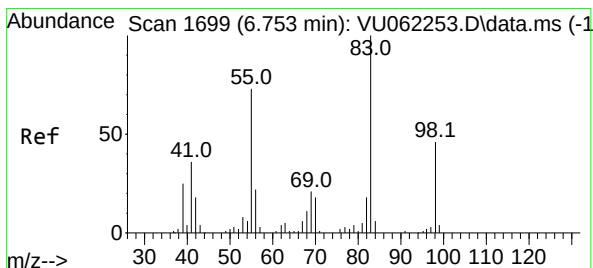
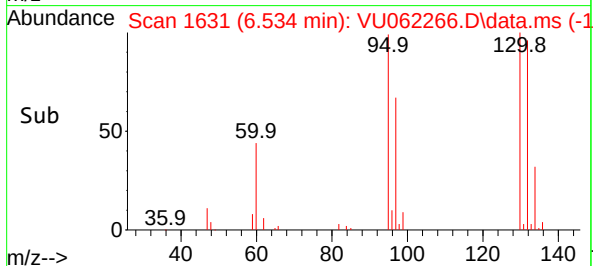
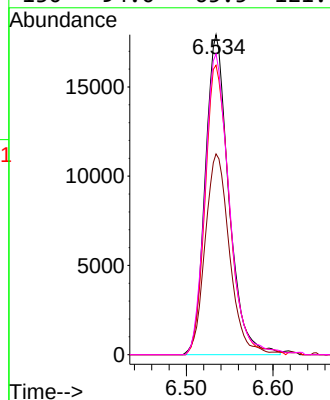
Ion Ratio Lower Upper

95 100

97 62.8 45.9 85.3

132 90.4 63.8 118.4

130 94.0 65.5 121.7



#35

Methylcyclohexane

Concen: 0.800 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062266.D

Acq: 12 Dec 2024 02:48

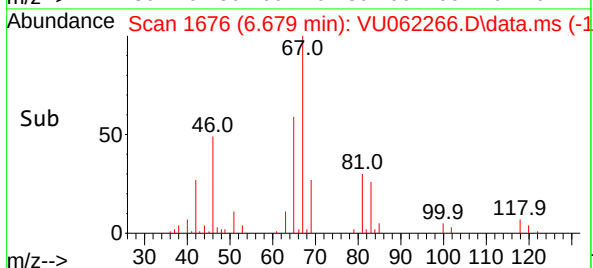
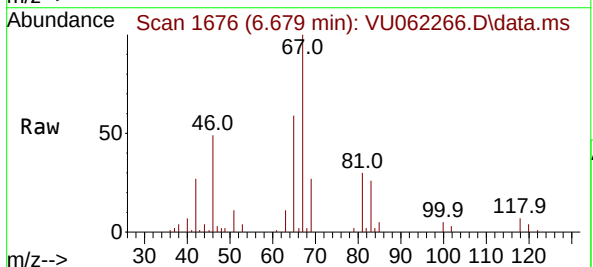
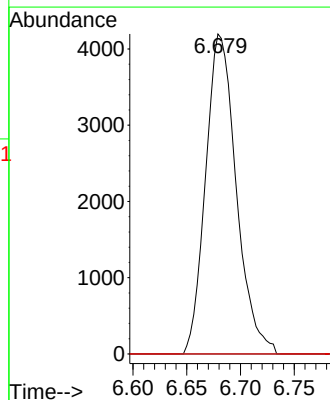
Tgt Ion: 83 Resp: 8324

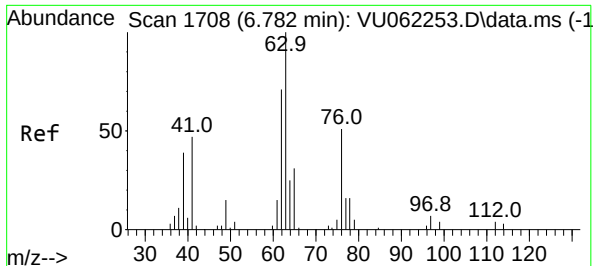
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 1.2 34.8 52.2#

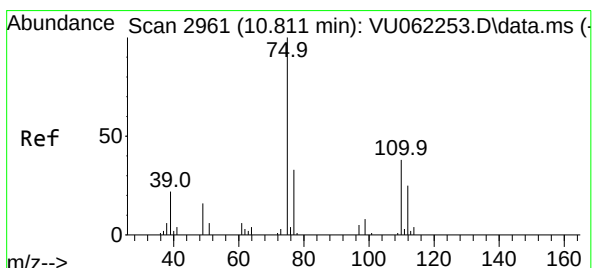
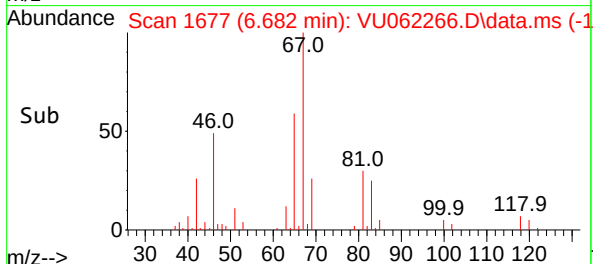
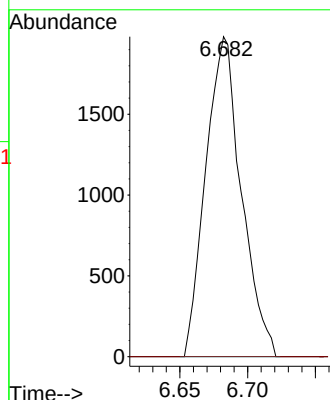
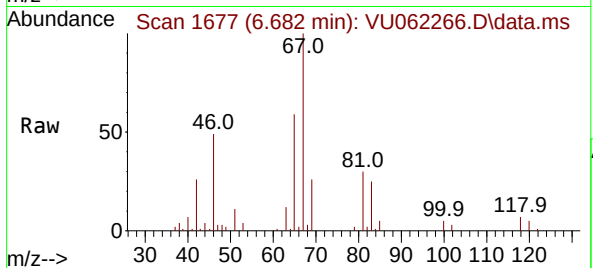




#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062266.D
Acq: 12 Dec 2024 02:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3616
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#61
1,2,3-Trichloropropane
Concen: 1.073 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.993 min
Lab File: VU062266.D
Acq: 12 Dec 2024 02:48

Tgt Ion: 75 Resp: 3564
Ion Ratio Lower Upper
75 100
110 0.0 28.9 43.3#
77 37.7 26.5 39.7

