

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040124\
 Data File : VU058306.D
 Acq On : 01 Apr 2024 12:21
 Operator : MD/SY
 Sample : P1929-04DL 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL6DL

Quant Time: Apr 02 02:26:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 02 02:24:47 2024
 Response via : Initial Calibration

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

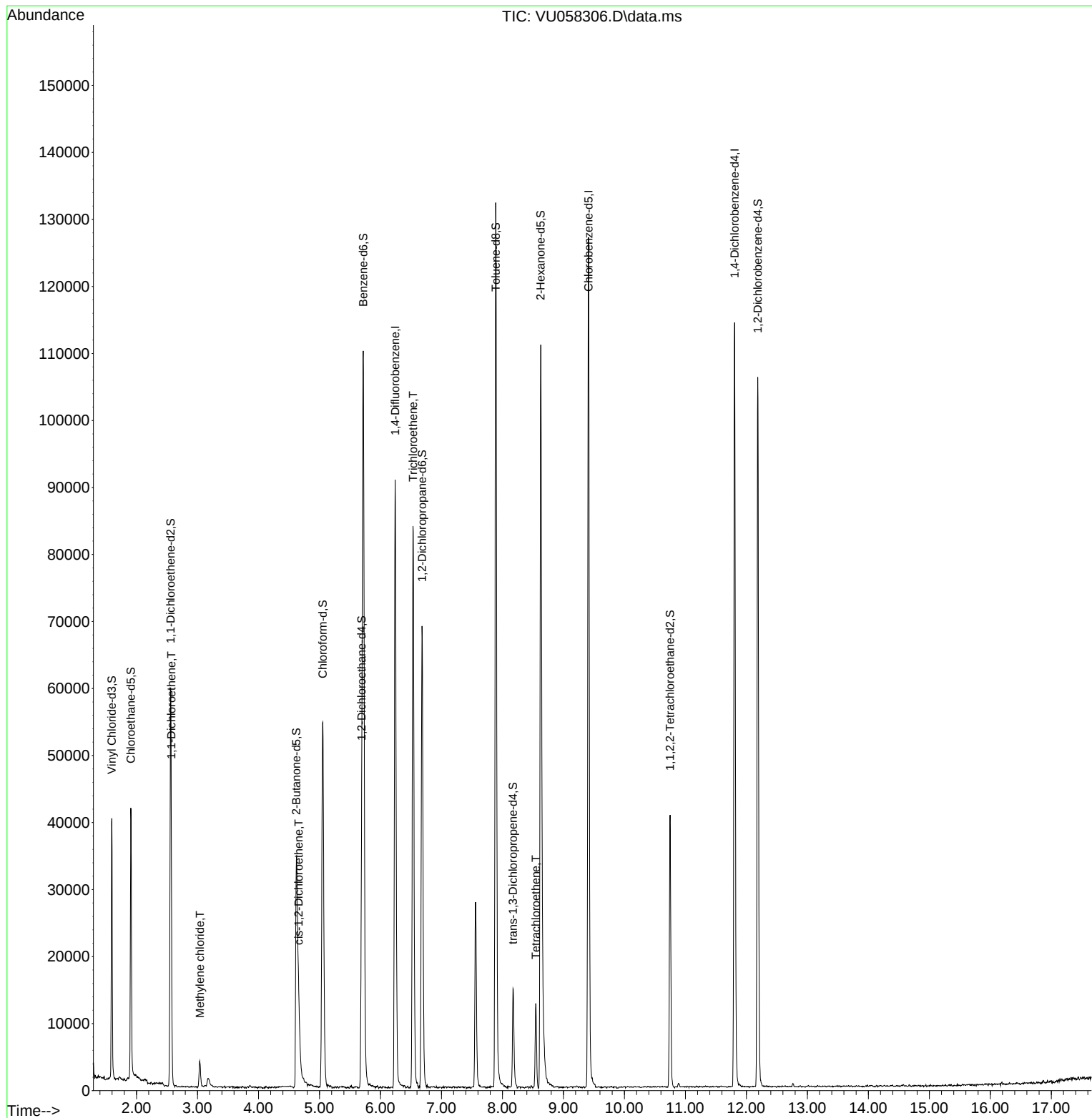
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73125	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70533	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30831	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27605	4.467	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.400%	
7) Chloroethane-d5	1.907	69	26962	5.345	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.000%	
11) 1,1-Dichloroethene-d2	2.560	65	11190	4.361	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.200%	
20) 2-Butanone-d5	4.621	46	54562	49.700	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.400%	
24) Chloroform-d	5.052	84	52199	4.725	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.692	65	25675	4.971	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.718	84	106749	4.660	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.682	67	34094	5.050	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.891	98	88694	4.370	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	8.174	79	9503	4.393	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.627	63	39953	45.602	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.200%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21013	4.777	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	28041	4.884	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	646	0.176	ug/L	# 1
16) Methylene chloride	3.039	84	1717	0.331	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	3000	0.634	ug/L	98
34) Trichloroethene	6.534	95	30054	6.227	ug/L	95
47) Tetrachloroethene	8.547	164	2694	0.833	ug/L	97

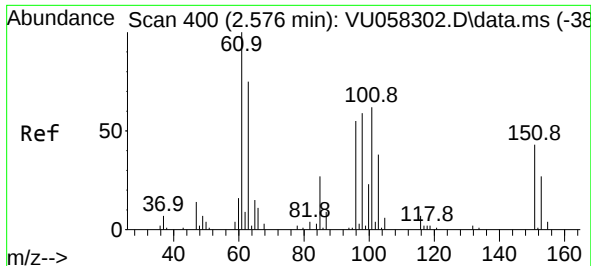
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 02 02:24:47 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.176 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU058306.D

Acq: 01 Apr 2024 12:21

Instrument :

MSVOA_U

ClientSampleId :

C0AL6DL

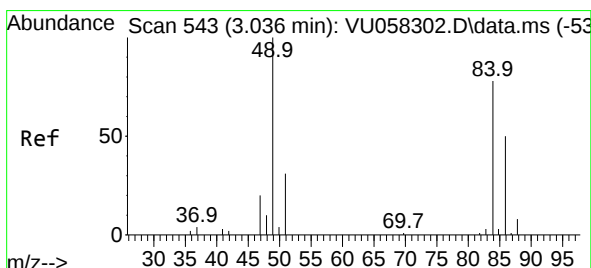
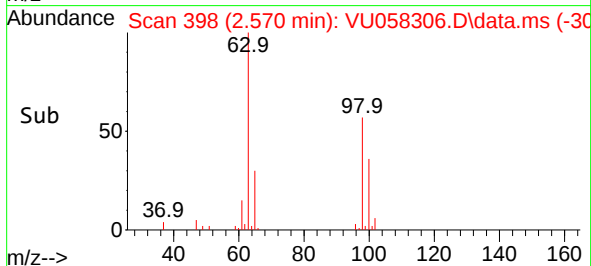
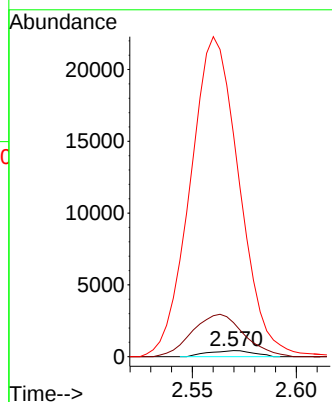
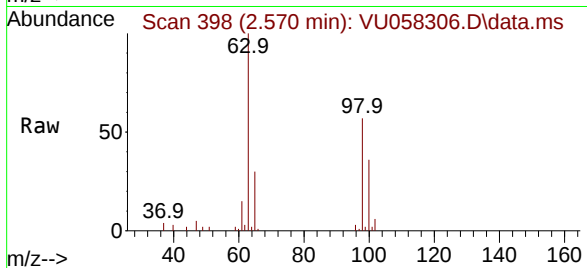
Tgt Ion: 96 Resp: 646

Ion Ratio Lower Upper

96 100

61 555.5 128.1 237.9#

63 3626.9 116.8 217.0#



#16

Methylene chloride

Concen: 0.331 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058306.D

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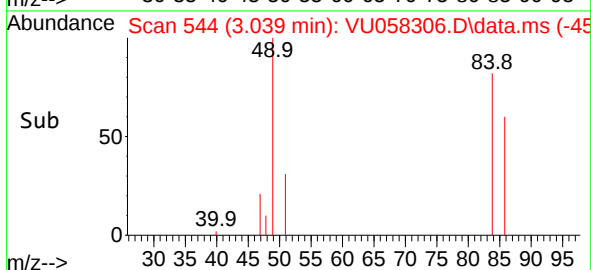
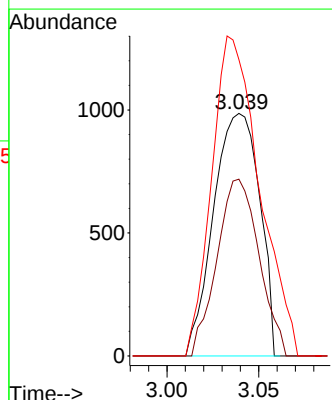
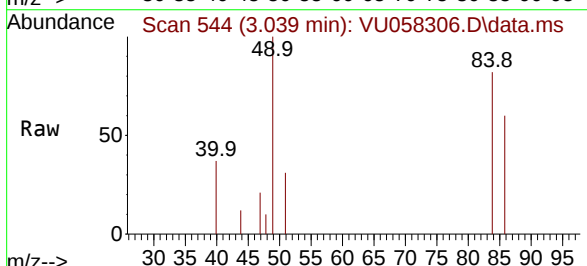
Tgt Ion: 84 Resp: 1717

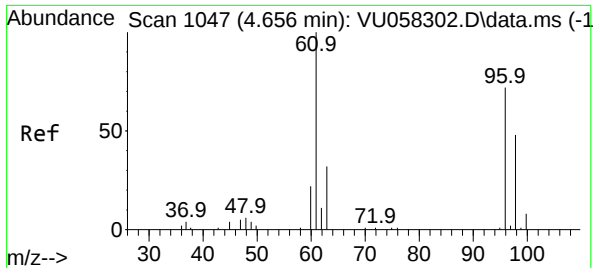
Ion Ratio Lower Upper

84 100

86 72.9 45.6 84.6

49 122.2 88.3 163.9

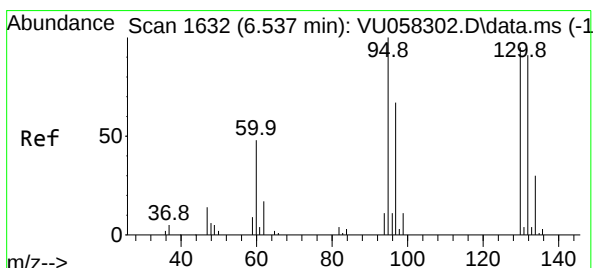
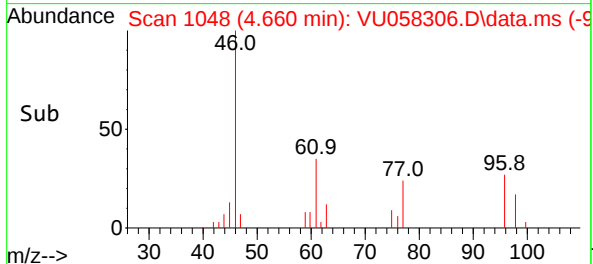
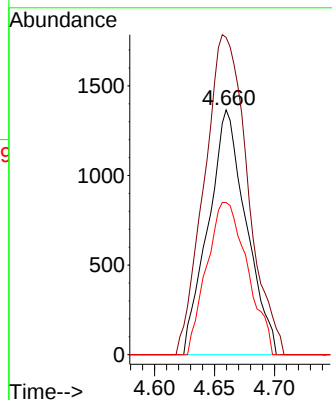
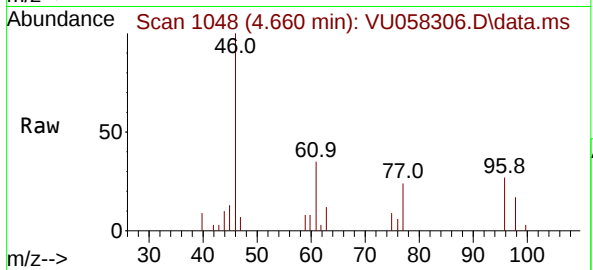




#22
cis-1,2-Dichloroethene
Concen: 0.634 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058306.D
Acq: 01 Apr 2024 12:21

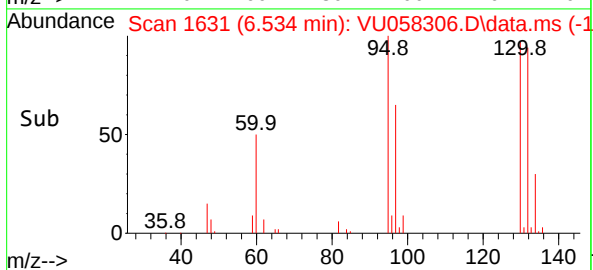
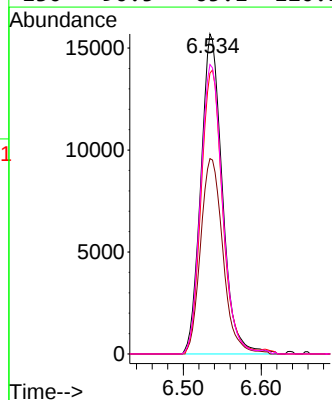
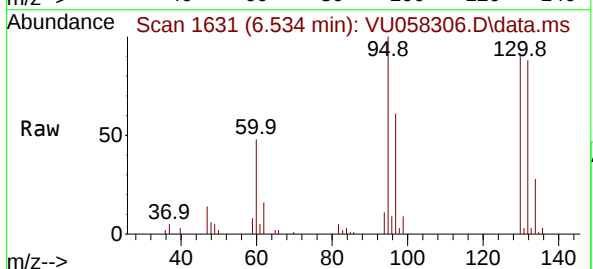
Instrument :
MSVOA_U
ClientSampleId :
COAL6DL

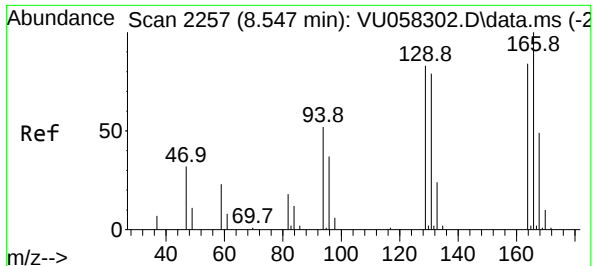
Tgt Ion: 96 Resp: 3000
Ion Ratio Lower Upper
96 100
61 129.6 92.8 172.4
98 62.2 43.2 80.2



#34
Trichloroethene
Concen: 6.227 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU058306.D
Acq: 01 Apr 2024 12:21

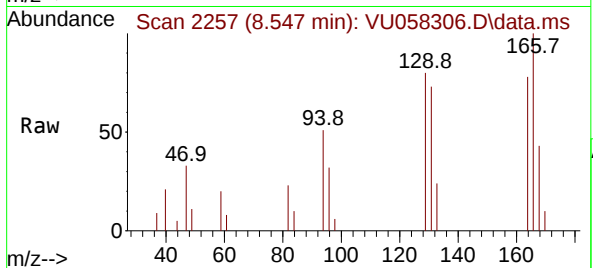
Tgt Ion: 95 Resp: 30054
Ion Ratio Lower Upper
95 100
97 61.0 47.7 88.7
132 87.7 63.6 118.2
130 90.5 65.1 120.9





#47
 Tetrachloroethene
 Concen: 0.833 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058306.D
 Acq: 01 Apr 2024 12:21

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL6DL



Tgt Ion:	164	Resp:	2694
Ion	Ratio	Lower	Upper
164	100		
129	103.5	71.3	132.3
131	94.0	70.8	131.4
166	128.7	90.9	168.9

