

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032024\
 Data File : VU058176.D
 Acq On : 20 Mar 2024 16:34
 Operator : MD/SY
 Sample : P1779-08DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK2DL

Quant Time: Mar 21 01:50:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 21 01:49:11 2024
 Response via : Initial Calibration

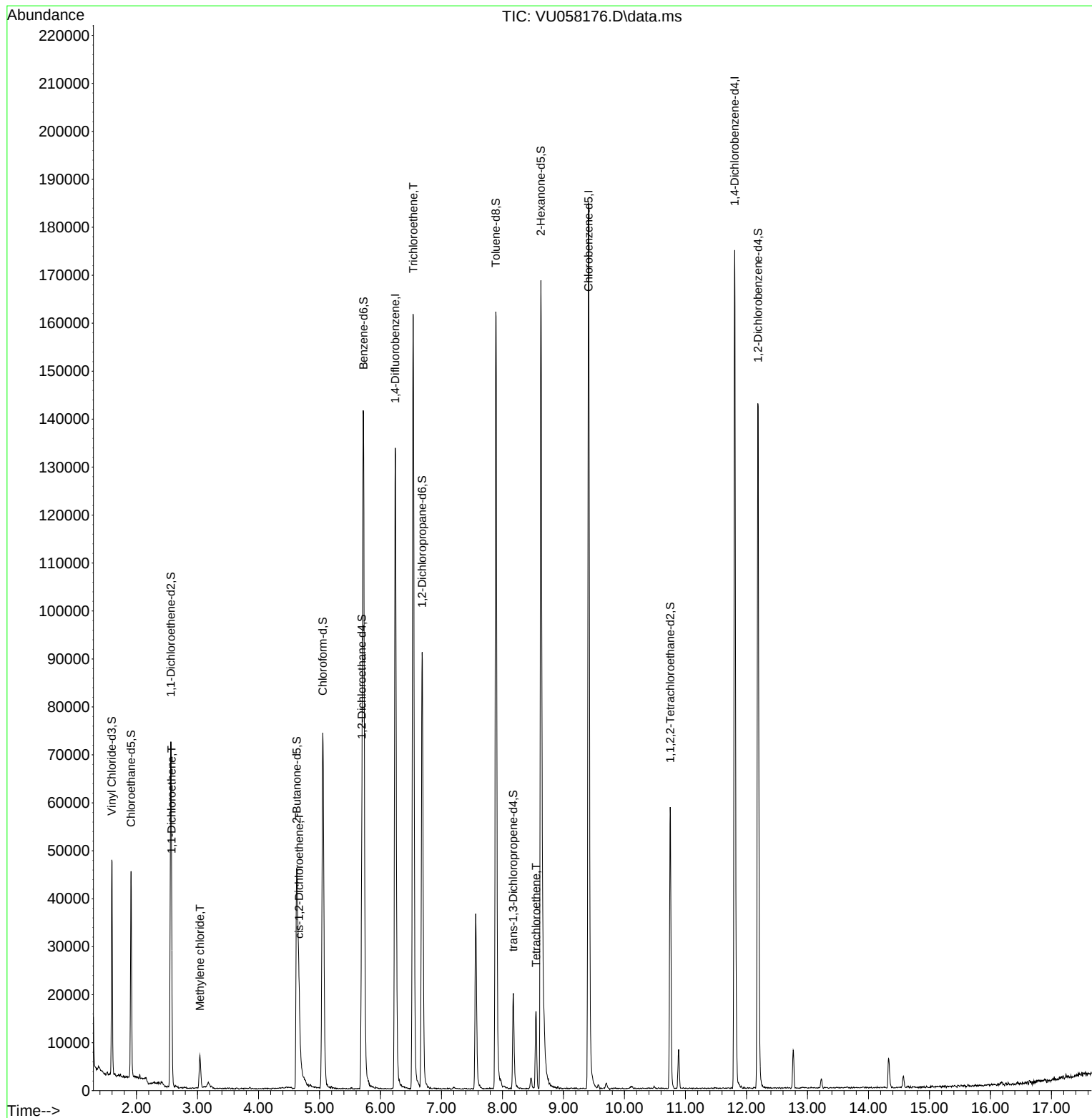
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	108544	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	104571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	46622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30360	3.887	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.800%	
7) Chloroethane-d5	1.911	69	29816	4.645	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.000%	
11) 1,1-Dichloroethene-d2	2.563	65	13693	4.052	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.000%	
20) 2-Butanone-d5	4.628	46	79121	61.489	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.980%	
24) Chloroform-d	5.052	84	69751	4.722	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.695	65	35334	5.280	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	5.721	84	132406	4.345	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.682	67	43393	4.684	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.891	98	110800	4.013	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
43) trans-1,3-Dichloroprop...	8.174	79	12509	3.927	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.600%	
46) 2-Hexanone-d5	8.631	63	61747	57.729	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.460%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	30529	5.374	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	37277	4.855	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	1258	0.192	ug/L	1
16) Methylene chloride	3.039	84	3166	0.398	ug/L	91
22) cis-1,2-Dichloroethene	4.666	96	5493	0.700	ug/L	94
34) Trichloroethene	6.538	95	58112	6.883	ug/L	96
47) Tetrachloroethene	8.550	164	3636	0.621	ug/L	92

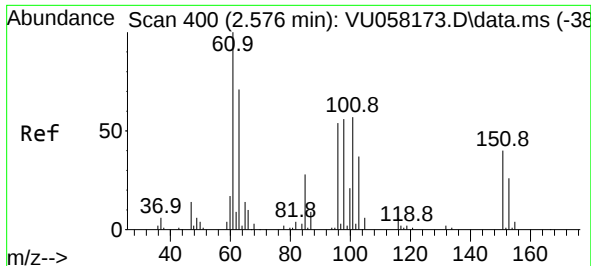
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.192 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

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ClientSampleId :

C0AK2DL

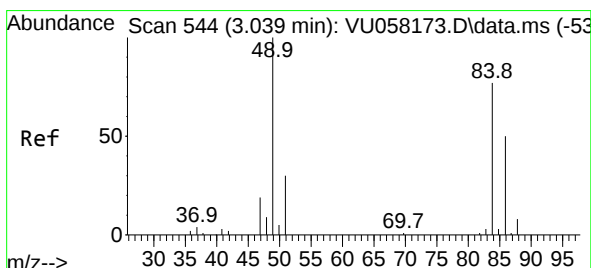
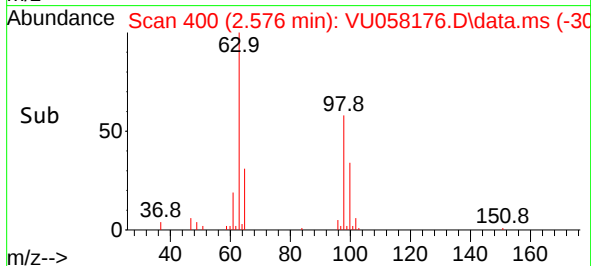
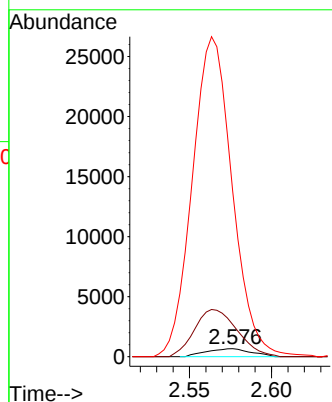
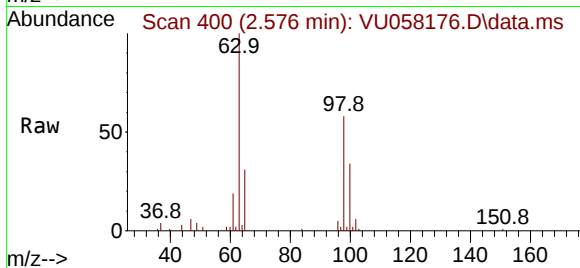
Tgt Ion: 96 Resp: 1258

Ion Ratio Lower Upper

96 100

61 399.9 131.8 244.8#

63 2056.5 98.1 182.1#



#16

Methylene chloride

Concen: 0.398 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

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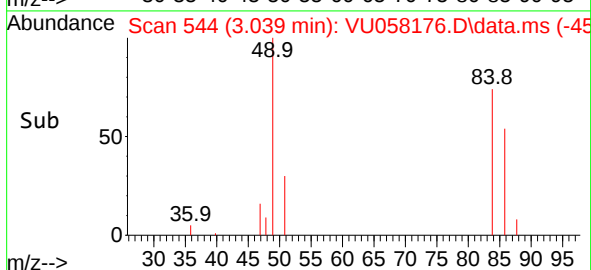
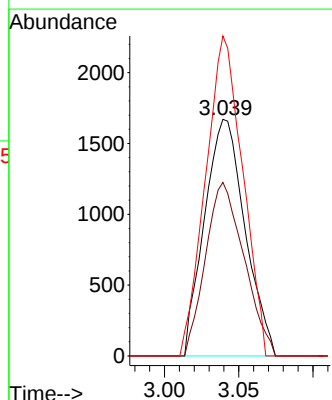
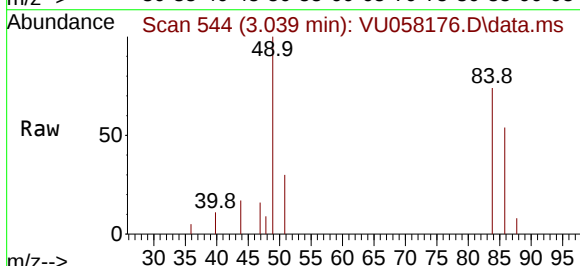
Tgt Ion: 84 Resp: 3166

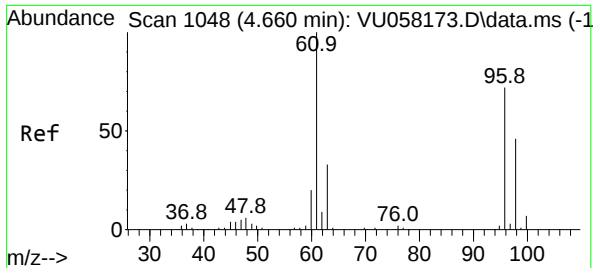
Ion Ratio Lower Upper

84 100

86 73.4 44.4 82.4

49 135.3 88.8 165.0

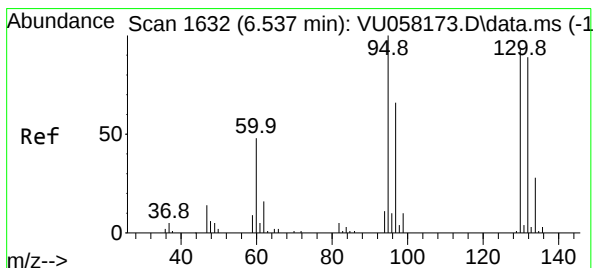
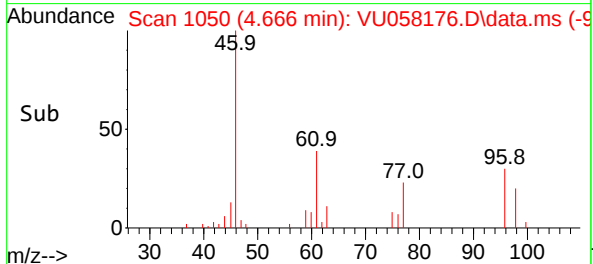
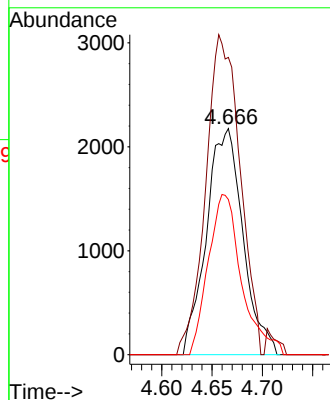
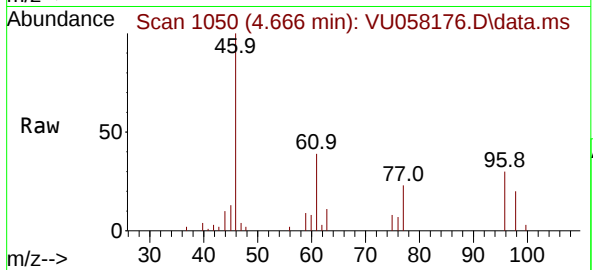




#22
 cis-1,2-Dichloroethene
 Concen: 0.700 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.007 min
 Lab File: VU058176.D
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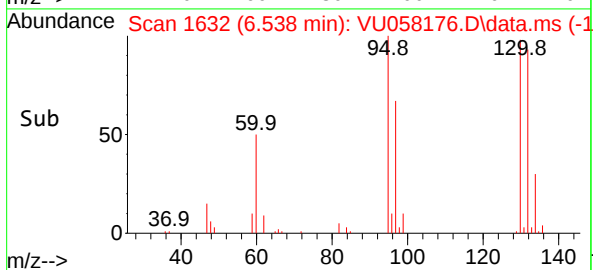
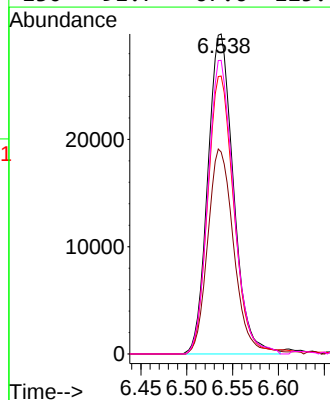
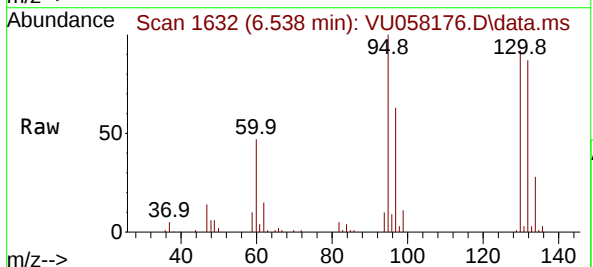
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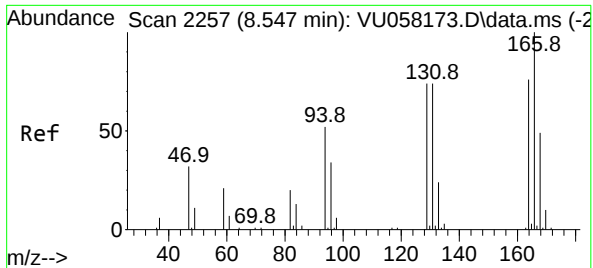
Tgt Ion: 96 Resp: 5493
 Ion Ratio Lower Upper
 96 100
 61 131.4 97.2 180.4
 98 68.7 45.5 84.5



#34
 Trichloroethene
 Concen: 6.883 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU058176.D
 Acq: 20 Mar 2024 16:34

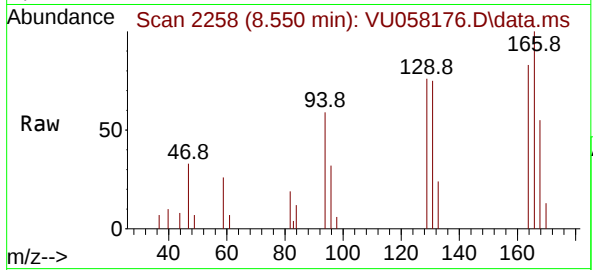
Tgt Ion: 95 Resp: 58112
 Ion Ratio Lower Upper
 95 100
 97 63.1 45.3 84.1
 132 86.8 63.1 117.1
 130 91.7 67.6 125.6





#47
 Tetrachloroethene
 Concen: 0.621 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU058176.D
 Acq: 20 Mar 2024 16:34

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK2DL



Tgt Ion:	164	Resp:	3636
Ion	Ratio	Lower	Upper
164	100		
129	91.1	69.3	128.7
131	89.9	69.9	129.9
166	120.4	90.1	167.3

