

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032524\
 Data File : VU058215.D
 Acq On : 25 Mar 2024 17:26
 Operator : MD/SY
 Sample : P1841-02DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK4DL

Quant Time: Mar 26 01:42:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 26 01:41:16 2024
 Response via : Initial Calibration

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

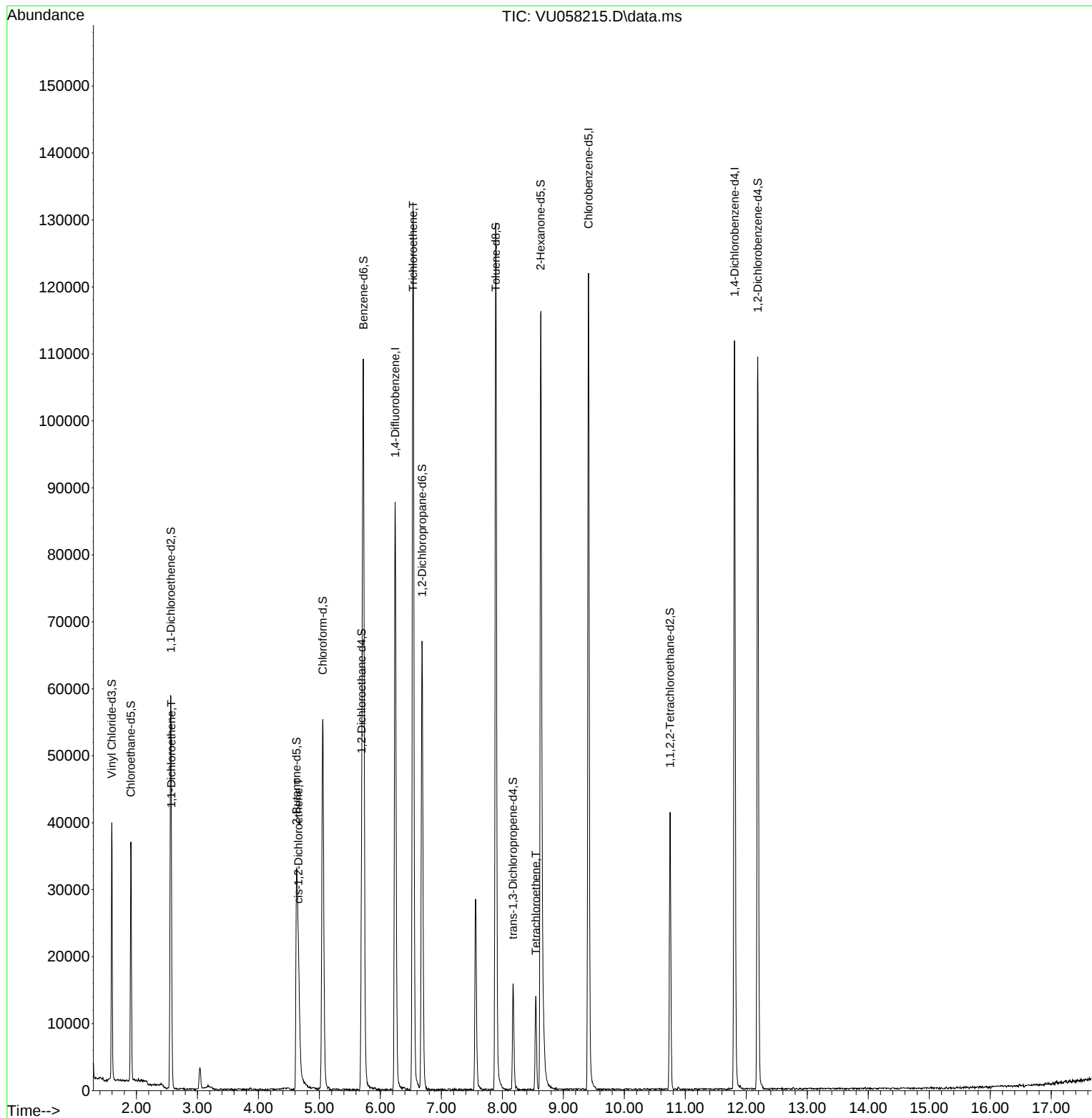
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72533	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68931	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30327	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26272	4.286	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.800%	
7) Chloroethane-d5	1.908	69	24704	4.938	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.800%	
11) 1,1-Dichloroethene-d2	2.563	65	11413	4.485	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	4.624	46	56596	51.973	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.940%	
24) Chloroform-d	5.055	84	52097	4.754	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.692	65	25459	4.969	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.721	84	104076	4.649	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.682	67	32830	4.975	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.891	98	88165	4.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	8.174	79	9889	4.677	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.627	63	43229	50.488	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.980%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	21419	4.983	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	29311	5.190	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	892	0.245	ug/L	# 1
22) cis-1,2-Dichloroethene	4.657	96	4434	0.944	ug/L	94
34) Trichloroethene	6.534	95	45906	9.733	ug/L	96
47) Tetrachloroethene	8.550	164	2878	0.911	ug/L	95

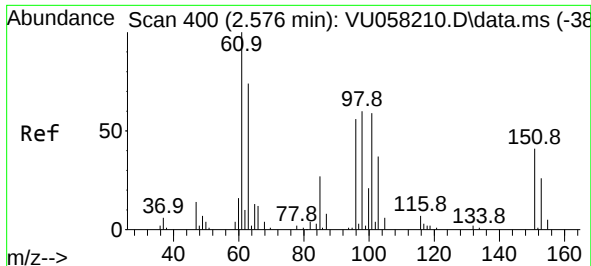
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.245 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058215.D

Acq: 25 Mar 2024 17:26

Instrument :

MSVOA_U

ClientSampleId :

C0AK4DL

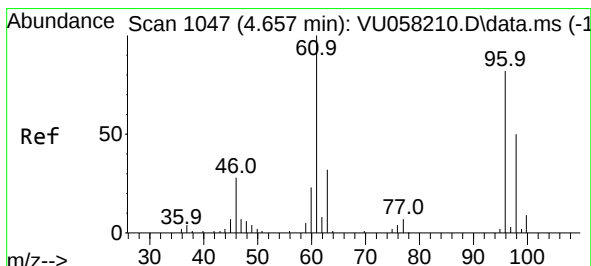
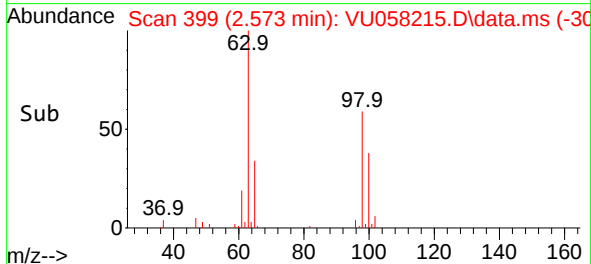
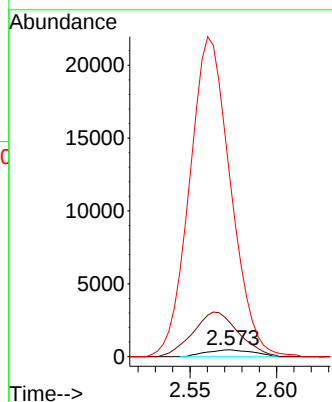
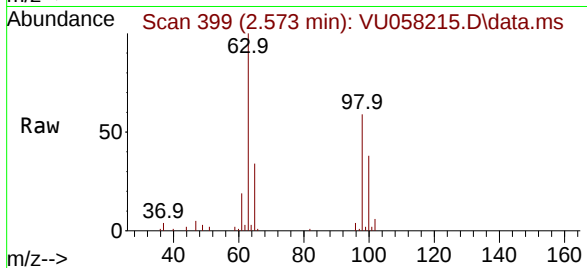
Tgt Ion: 96 Resp: 892

Ion Ratio Lower Upper

96 100

61 493.4 128.1 237.9#

63 2565.3 116.8 217.0#



#22

cis-1,2-Dichloroethene

Concen: 0.944 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU058215.D

Acq: 25 Mar 2024 17:26

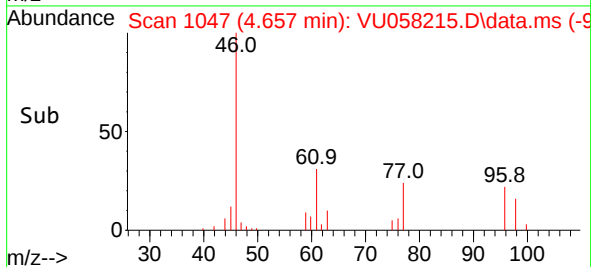
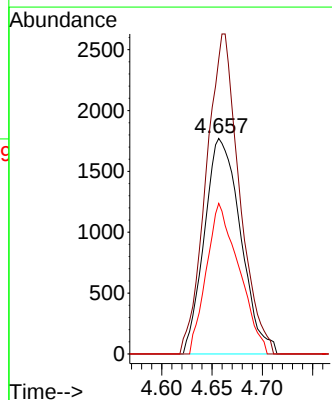
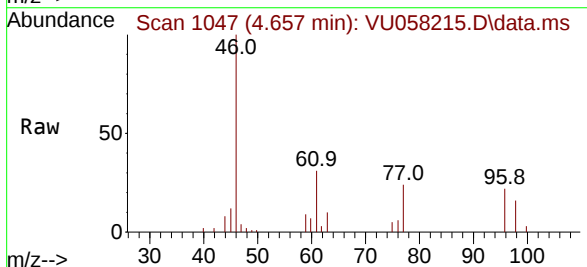
Tgt Ion: 96 Resp: 4434

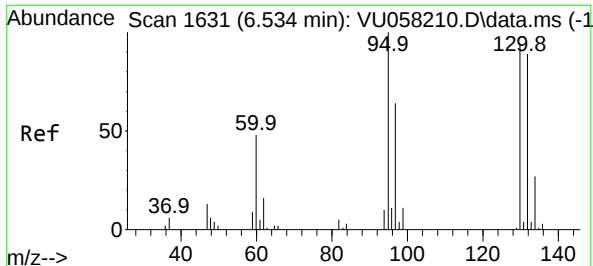
Ion Ratio Lower Upper

96 100

61 136.8 92.8 172.4

98 69.8 43.2 80.2



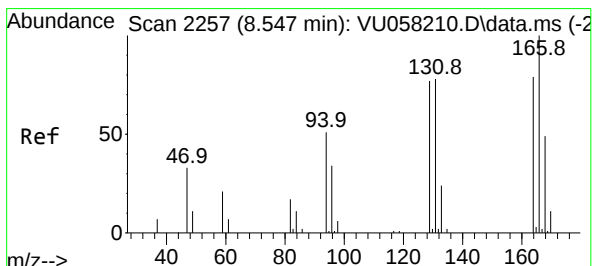
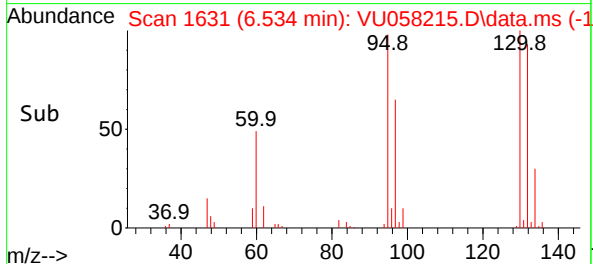
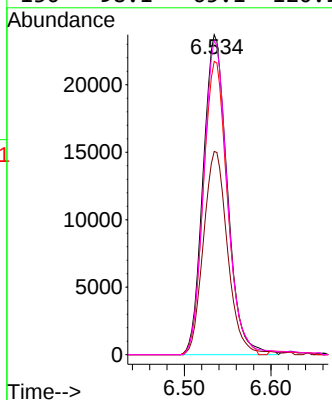
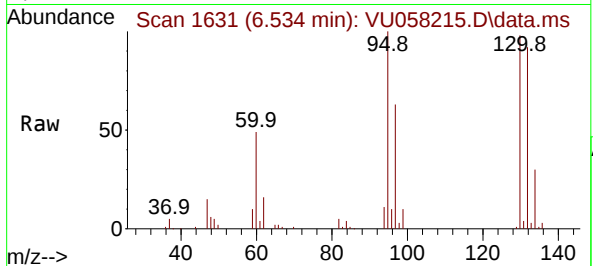


#34
Trichloroethene
Concen: 9.733 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
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MSVOA_U
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C0AK4DL

Tgt Ion: 95 Resp: 45906

Ion	Ratio	Lower	Upper
95	100		
97	63.5	47.7	88.7
132	91.6	63.6	118.2
130	98.1	65.1	120.9



#47
Tetrachloroethene
Concen: 0.911 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058215.D
Acq: 25 Mar 2024 17:26

Tgt Ion: 164 Resp: 2878

Ion	Ratio	Lower	Upper
164	100		
129	103.3	71.3	132.3
131	100.4	70.8	131.4
166	142.9	90.9	168.9

