

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040324\
 Data File : VU058360.D
 Acq On : 03 Apr 2024 13:48
 Operator : MD/SY
 Sample : P1902-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOB7

Quant Time: Apr 04 01:23:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 01:17:39 2024
 Response via : Initial Calibration

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

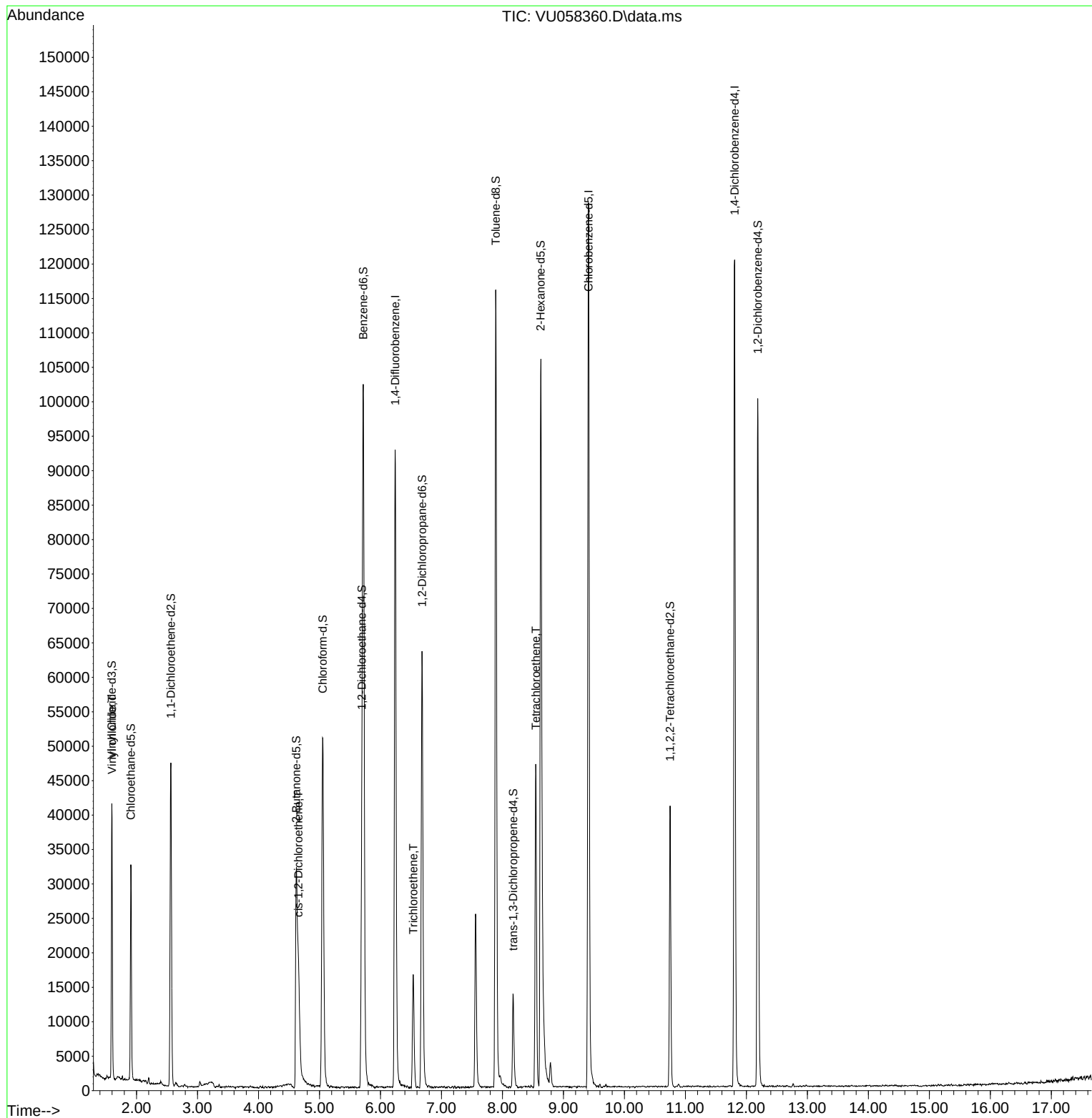
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76386	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	73036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20438	3.166	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.907	69	21820	4.141	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.563	65	9012	3.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	4.621	46	52932	46.157	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.320%
24) Chloroform-d	5.052	84	49057	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.695	65	24596	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.718	84	97876	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.682	67	30939	4.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.891	98	79948	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.177	79	8656	3.864	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.627	63	39030	43.022	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.040%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20688	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	26627	4.507	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
5) Vinyl chloride	1.599	62	8583	1.960	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	5200	1.051	ug/L	97
34) Trichloroethene	6.541	95	5885	1.178	ug/L	96
47) Tetrachloroethene	8.550	164	10170	3.038	ug/L	90

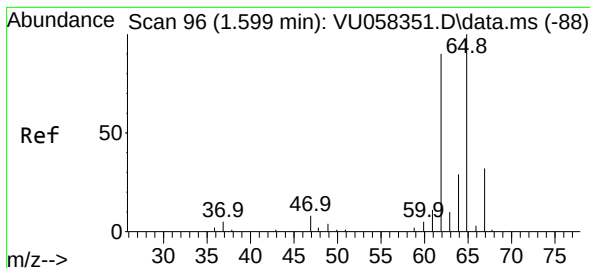
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.960 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

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Acq: 03 Apr 2024 13:48

Instrument :

MSVOA_U

ClientSampleId :

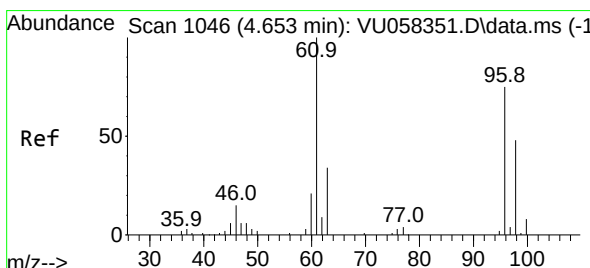
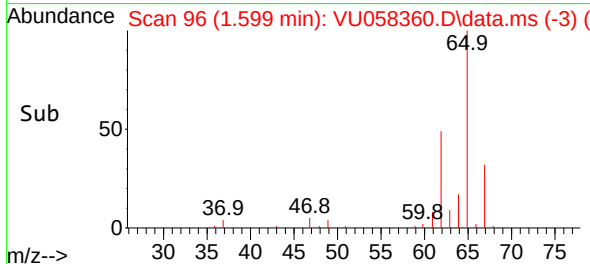
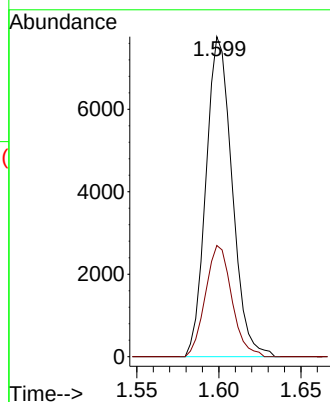
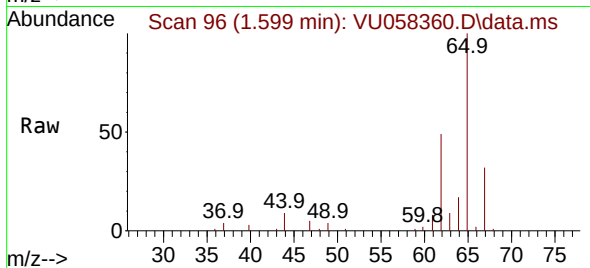
DCOB7

Tgt Ion: 62 Resp: 8583

Ion Ratio Lower Upper

62 100

64 34.8 23.4 43.6



#22

cis-1,2-Dichloroethene

Concen: 1.051 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. 0.003 min

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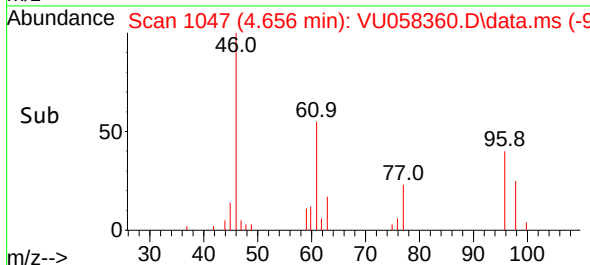
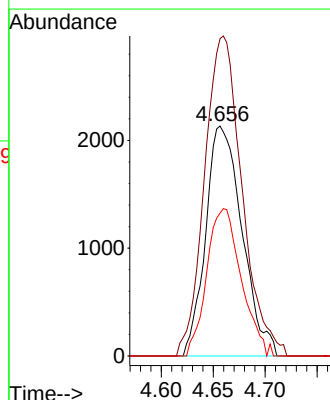
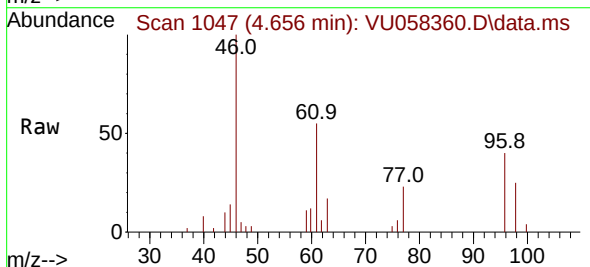
Tgt Ion: 96 Resp: 5200

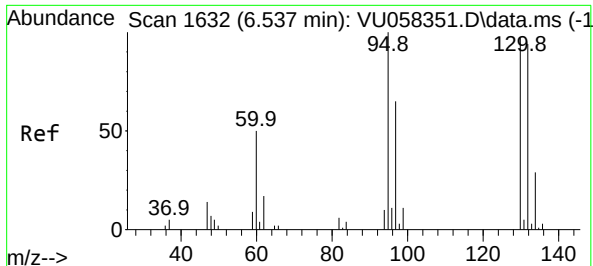
Ion Ratio Lower Upper

96 100

61 138.0 92.8 172.4

98 62.2 43.2 80.2



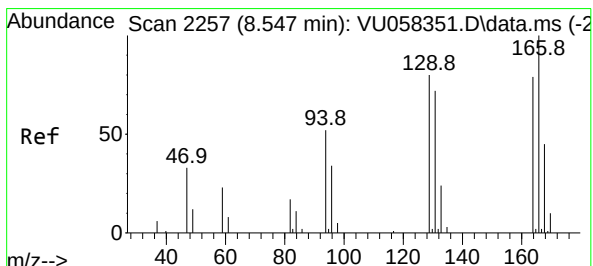
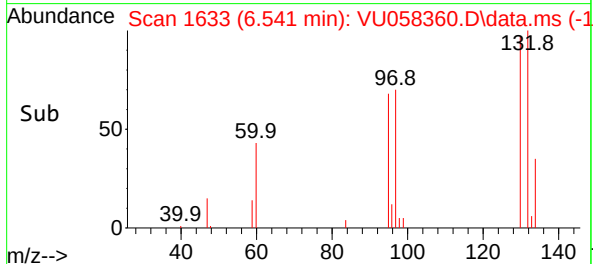
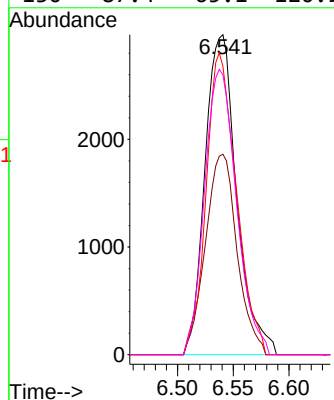
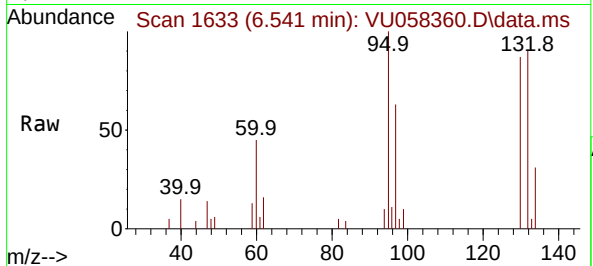


#34
Trichloroethene
Concen: 1.178 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
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Instrument :
MSVOA_U
ClientSampleId :
DCOB7

Tgt Ion: 95 Resp: 5885

Ion	Ratio	Lower	Upper
95	100		
97	62.7	47.7	88.7
132	90.1	63.6	118.2
130	87.4	65.1	120.9



#47
Tetrachloroethene
Concen: 3.038 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058360.D
Acq: 03 Apr 2024 13:48

Tgt Ion: 164 Resp: 10170

Ion	Ratio	Lower	Upper
164	100		
129	95.5	71.3	132.3
131	88.0	70.8	131.4
166	116.6	90.9	168.9

