

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058581.D
 Acq On : 11 Apr 2024 01:49
 Operator : MD/SY
 Sample : P2014-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0MD0

Quant Time: Apr 11 03:01:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 02:34:51 2024
 Response via : Initial Calibration

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

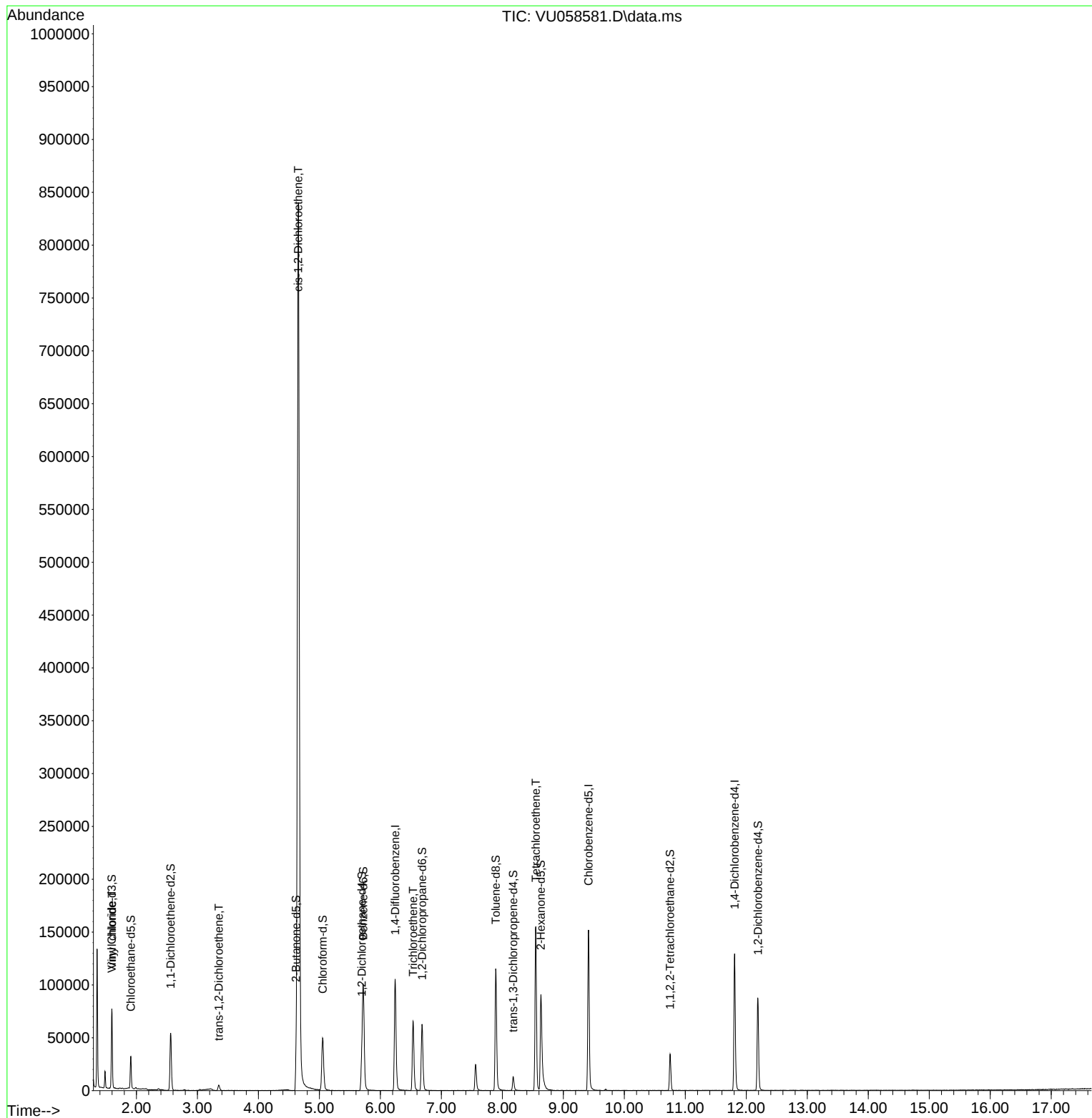
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	82960	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79002	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22682	4.130	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.908	69	20877	4.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.560	65	10840	4.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.618	46	44505	38.450	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.900%
24) Chloroform-d	5.052	84	46523	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.695	65	22678	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.718	84	93347	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	30262	4.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	76745	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.177	79	8324	4.020	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.631	63	31582	36.982	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.960%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18134	3.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	23048	4.051	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.000%
Target Compounds						
5) Vinyl chloride	1.599	62	29449	3.484	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	2095	0.340	ug/L	89
22) cis-1,2-Dichloroethene	4.653	96	411021	59.398	ug/L	95
34) Trichloroethene	6.534	95	22889	3.171	ug/L	96
47) Tetrachloroethene	8.547	164	32308	6.105	ug/L	98

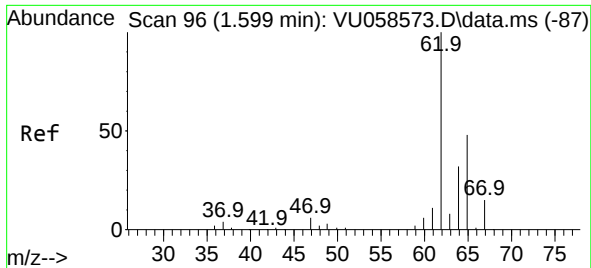
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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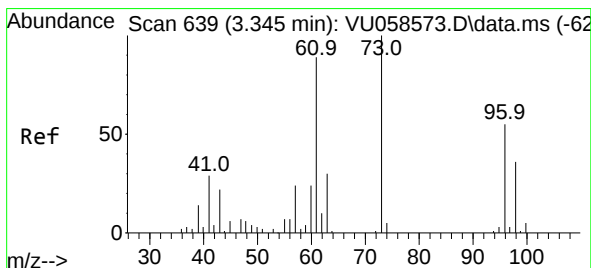
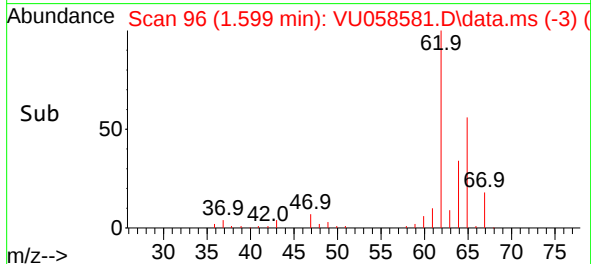
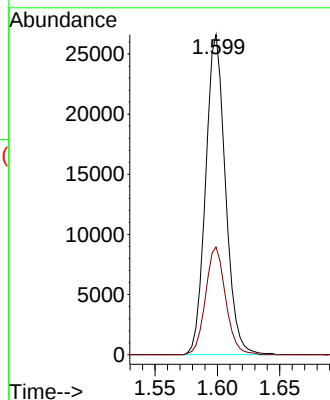
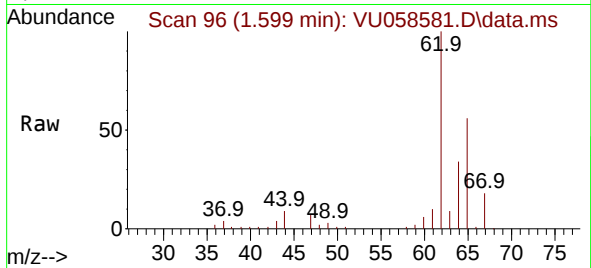




#5
 Vinyl chloride
 Concen: 3.484 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU058581.D
 Acq: 11 Apr 2024 01:49

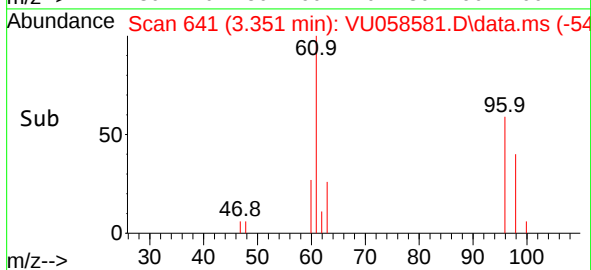
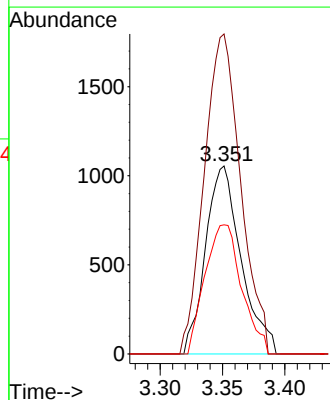
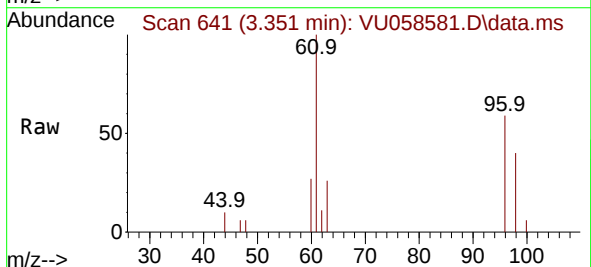
Instrument :
 MSVOA_U
 ClientSampleId :
 E0MD0

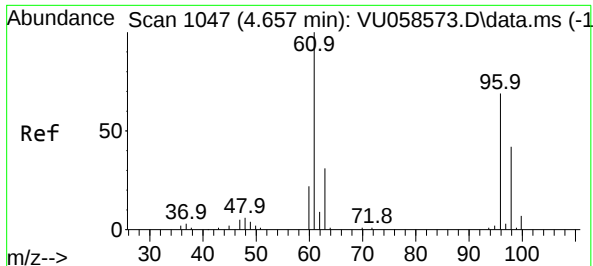
Tgt Ion: 62 Resp: 29449
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.6 42.0



#18
 trans-1,2-Dichloroethene
 Concen: 0.340 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. 0.006 min
 Lab File: VU058581.D
 Acq: 11 Apr 2024 01:49

Tgt Ion: 96 Resp: 2095
 Ion Ratio Lower Upper
 96 100
 61 170.2 107.6 199.8
 98 68.7 45.1 83.7





#22

cis-1,2-Dichloroethene

Concen: 59.398 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU058581.D

Acq: 11 Apr 2024 01:49

Instrument :

MSVOA_U

ClientSampleId :

EOMD0

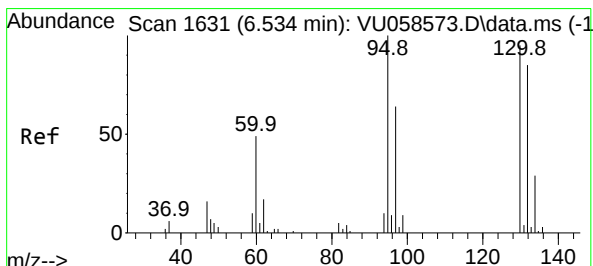
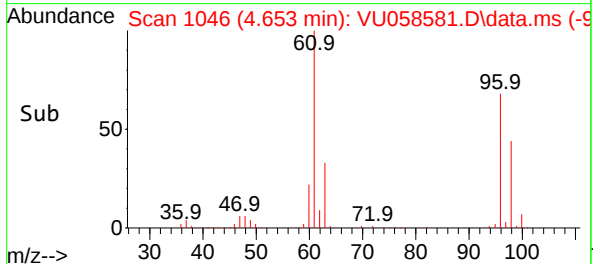
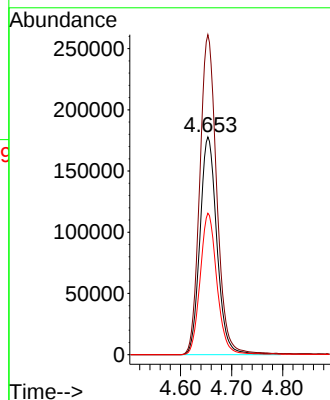
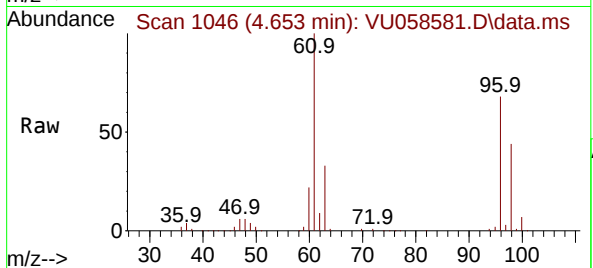
Tgt Ion: 96 Resp: 411021

Ion Ratio Lower Upper

96 100

61 147.0 98.1 182.3

98 65.0 43.6 81.0



#34

Trichloroethene

Concen: 3.171 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU058581.D

Acq: 11 Apr 2024 01:49

Tgt Ion: 95 Resp: 22889

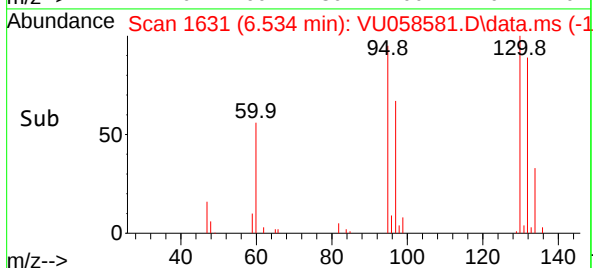
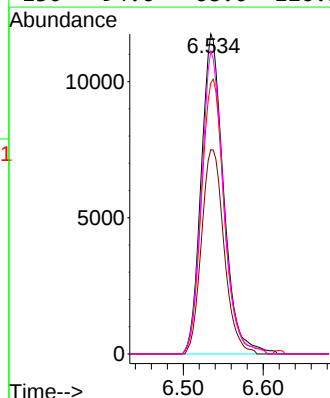
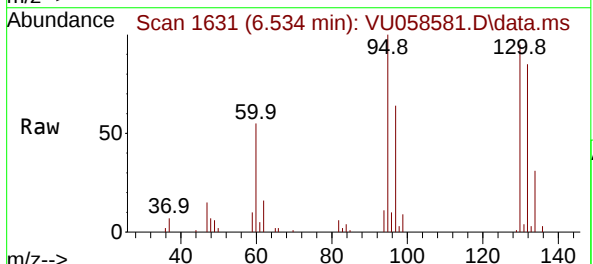
Ion Ratio Lower Upper

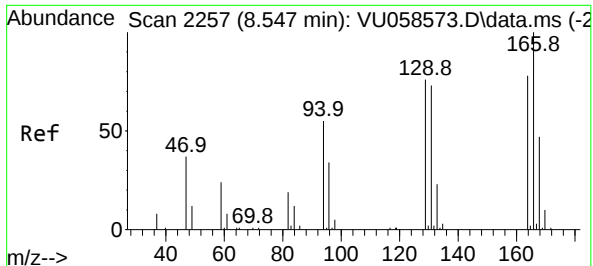
95 100

97 63.8 45.6 84.6

132 84.7 64.8 120.3

130 94.6 68.0 126.2





#47
 Tetrachloroethene
 Concen: 6.105 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058581.D
 Acq: 11 Apr 2024 01:49

Instrument :
 MSVOA_U
 ClientSampleId :
 E0MD0

Tgt Ion:164 Resp: 32308

Ion	Ratio	Lower	Upper
164	100		
129	98.1	67.3	125.1
131	95.2	65.5	121.6
166	126.3	89.5	166.1

