

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059762.D
 Acq On : 03 Jul 2024 01:09
 Operator : MD/SY
 Sample : P3121-13DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COBK0DL

Quant Time: Jul 03 04:10:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

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

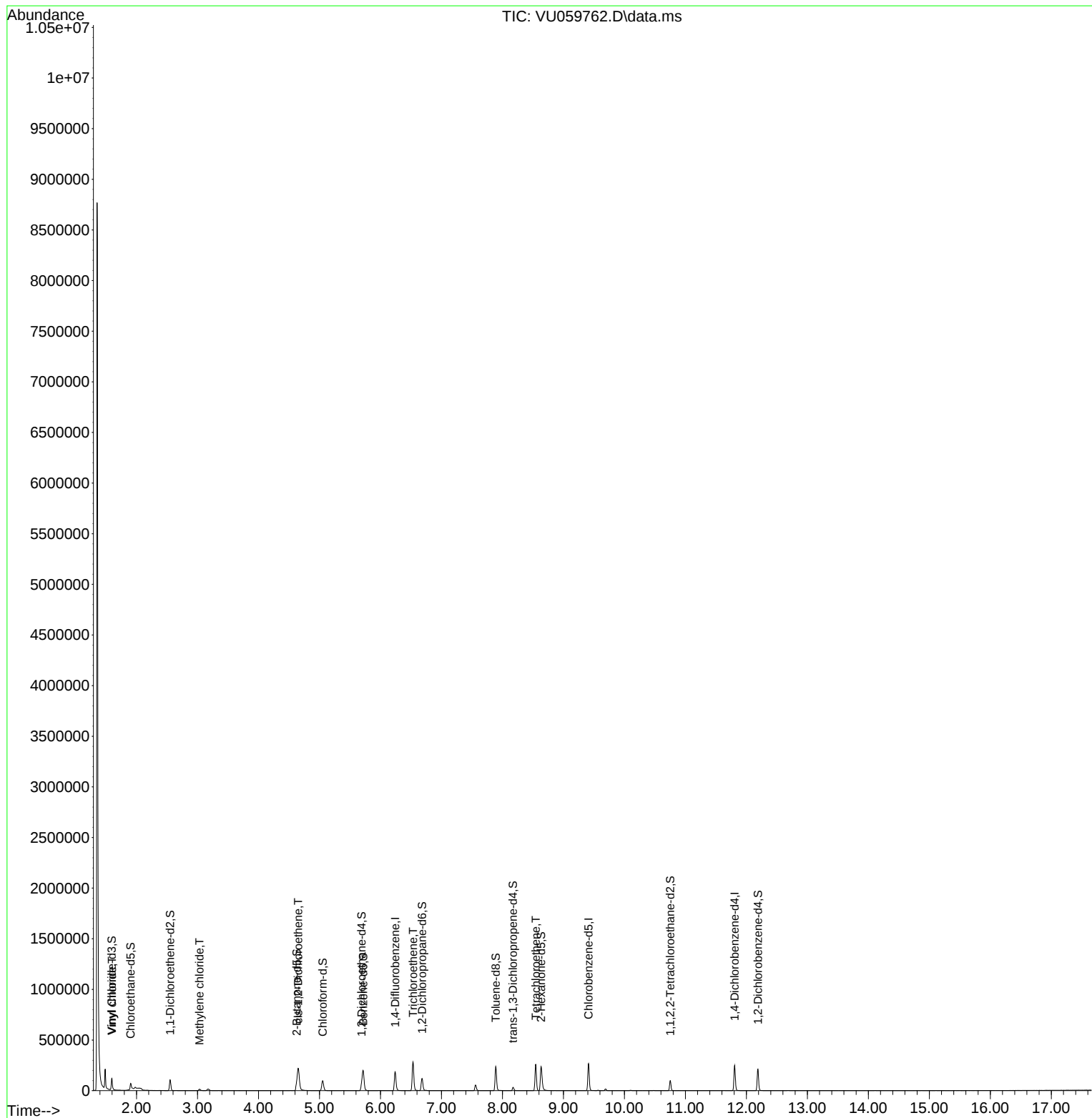
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	164763	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	54119	4.724	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.904	69	54663	4.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.550	65	19968	4.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.627	46	114543	48.536	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.080%
24) Chloroform-d	5.052	84	95602	4.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.692	65	48718	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.717	84	196660	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.682	67	62385	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.891	98	166989	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.174	79	20720	4.937	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.634	63	99643	57.144	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.280%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53742	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	62064	4.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	20794	1.253	ug/L	95
16) Methylene chloride	3.033	84	7288	0.526	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	109017	8.138	ug/L	96
34) Trichloroethene	6.534	95	99662	7.626	ug/L	96
47) Tetrachloroethene	8.547	164	59624	5.879	ug/L	96

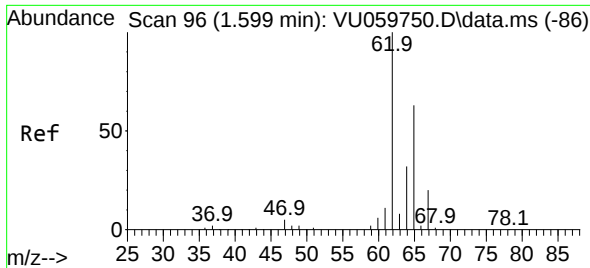
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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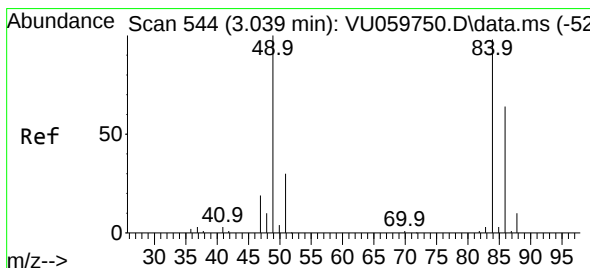
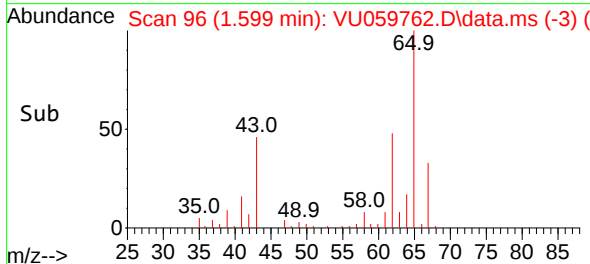
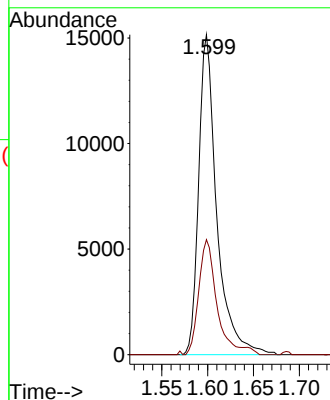
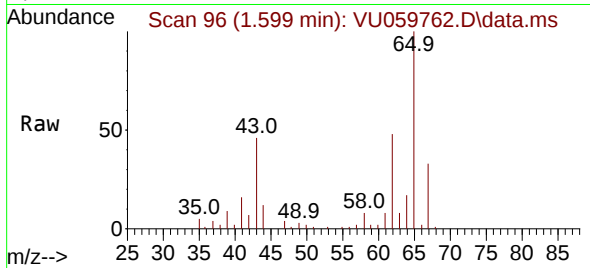




#5
Vinyl chloride
Concen: 1.253 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU059762.D
Acq: 03 Jul 2024 01:09

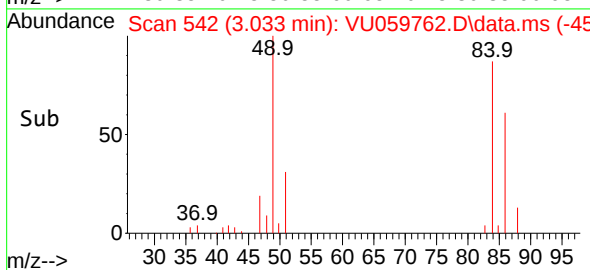
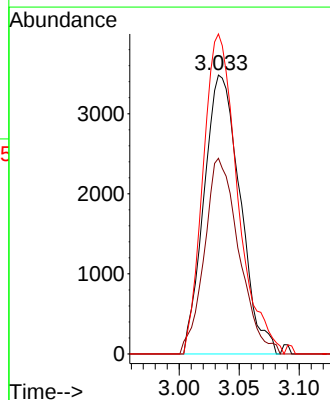
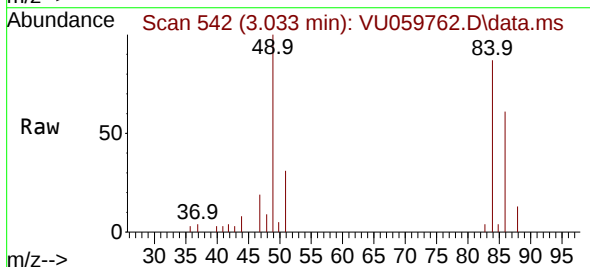
Instrument :
MSVOA_U
ClientSampleId :
COBK0DL

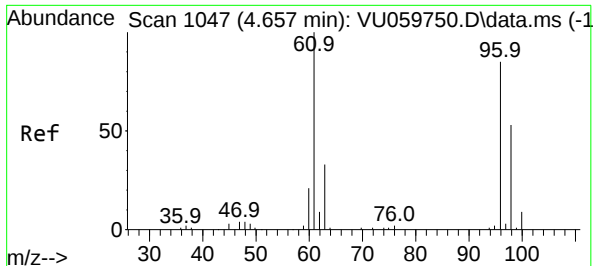
Tgt Ion: 62 Resp: 20794
Ion Ratio Lower Upper
62 100
64 35.9 23.1 42.9



#16
Methylene chloride
Concen: 0.526 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.007 min
Lab File: VU059762.D
Acq: 03 Jul 2024 01:09

Tgt Ion: 84 Resp: 7288
Ion Ratio Lower Upper
84 100
86 70.1 42.1 78.1
49 120.1 80.6 149.8

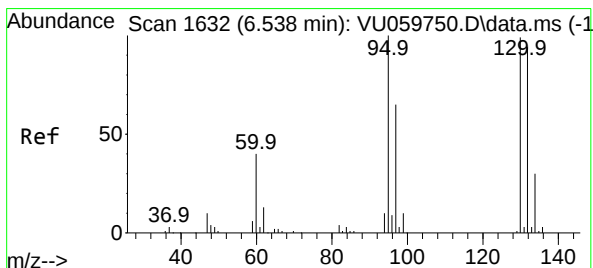
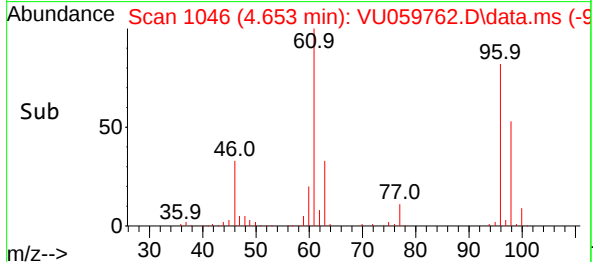
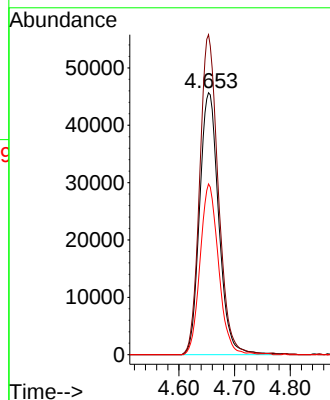
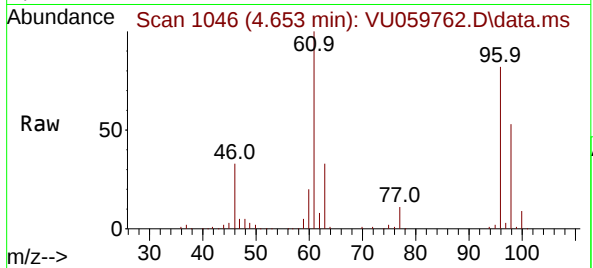




#22
cis-1,2-Dichloroethene
Concen: 8.138 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU059762.D
Acq: 03 Jul 2024 01:09

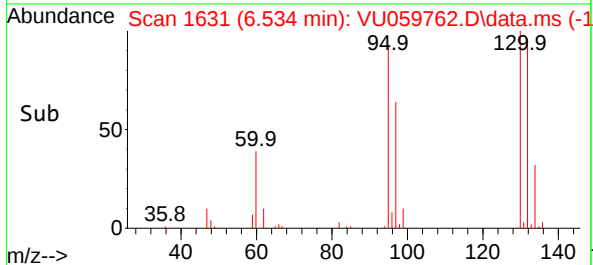
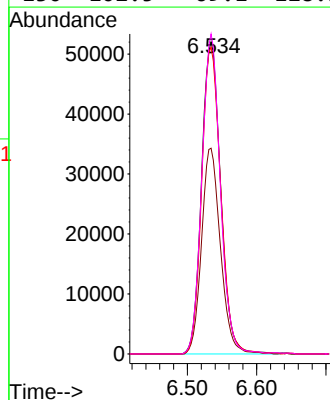
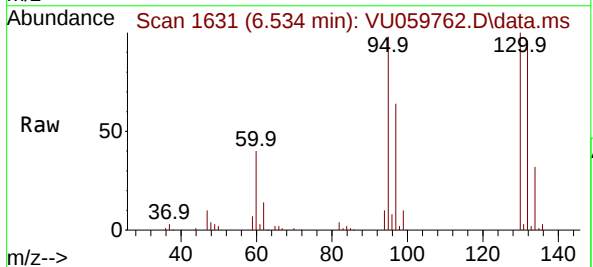
Instrument :
MSVOA_U
ClientSampleId :
C0BK0DL

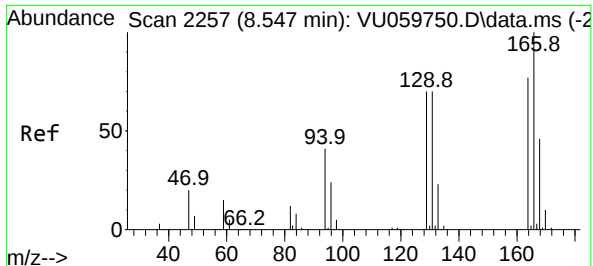
Tgt Ion: 96 Resp: 109017
Ion Ratio Lower Upper
96 100
61 122.2 87.4 162.2
98 65.1 42.3 78.5



#34
Trichloroethene
Concen: 7.626 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU059762.D
Acq: 03 Jul 2024 01:09

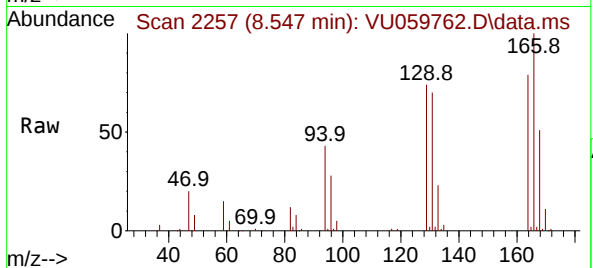
Tgt Ion: 95 Resp: 99662
Ion Ratio Lower Upper
95 100
97 65.9 45.3 84.1
132 98.3 64.0 119.0
130 102.5 69.1 128.3





#47
 Tetrachloroethene
 Concen: 5.879 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU059762.D
 Acq: 03 Jul 2024 01:09

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BK0DL



Tgt Ion:164 Resp: 59624

Ion	Ratio	Lower	Upper
164	100		
129	94.5	70.8	131.4
131	89.6	64.8	120.3
166	127.2	91.1	169.1

