

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013024\
 Data File : VU057734.D
 Acq On : 30 Jan 2024 11:21
 Operator : MD/SY
 Sample : P1239-15 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FC5

Quant Time: Jan 30 22:35:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 22:31:02 2024
 Response via : Initial Calibration

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

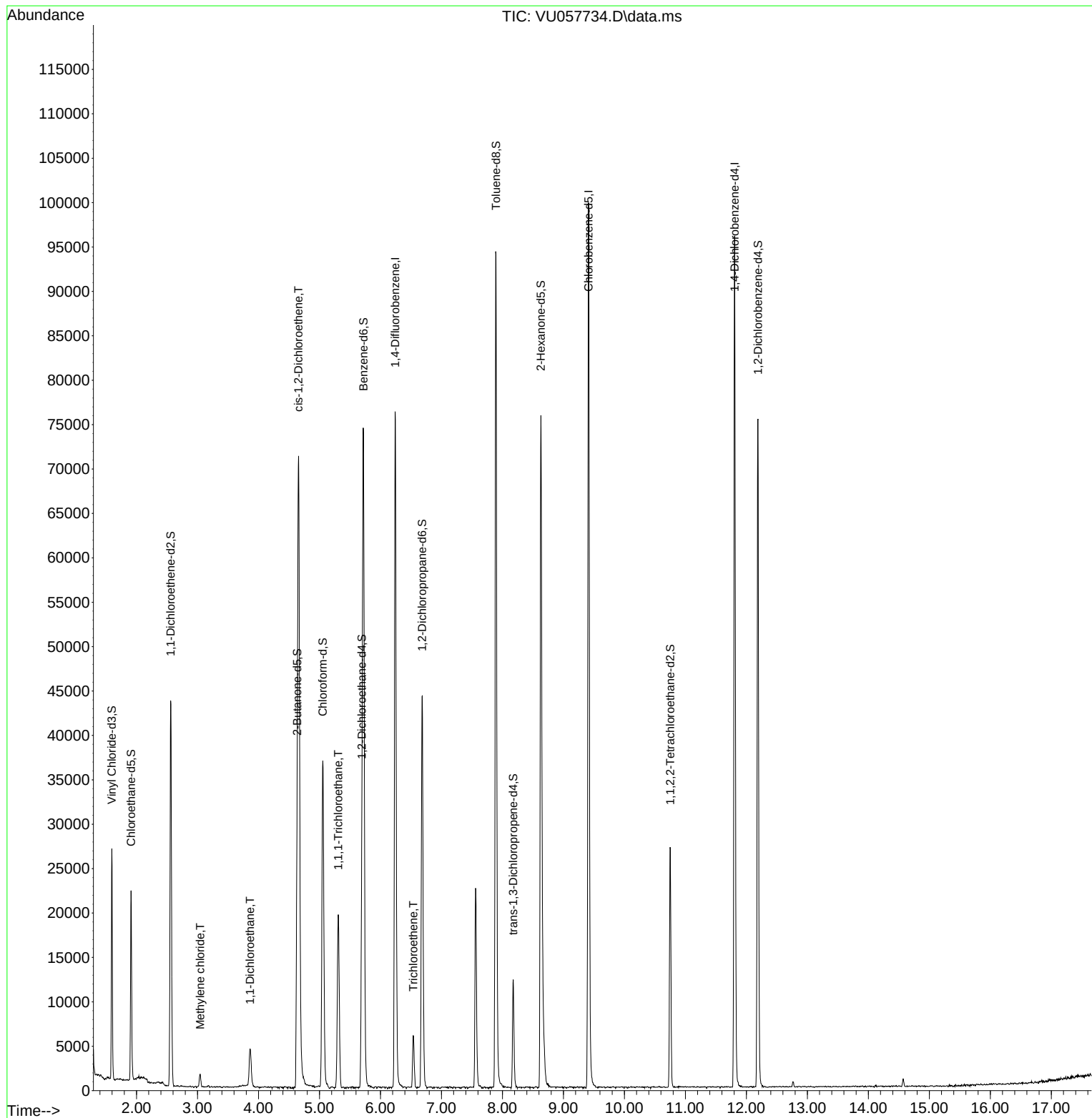
Internal Standards							
1) 1,4-Difluorobenzene		6.242	114	63104	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	56328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	25148	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	18294	5.262	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.200%	
7) Chloroethane-d5		1.911	69	15534	5.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%	
11) 1,1-Dichloroethene-d2		2.560	65	8472	5.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%	
20) 2-Butanone-d5		4.634	46	35477	54.089	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.180%	
24) Chloroform-d		5.055	84	35026	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4		5.695	65	17655	5.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%	
32) Benzene-d6		5.721	84	71053	5.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%	
36) 1,2-Dichloropropane-d6		6.685	67	21412	5.373	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%	
41) Toluene-d8		7.894	98	63868	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%	
43) trans-1,3-Dichloroprop...		8.177	79	7535	4.744	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%	
46) 2-Hexanone-d5		8.631	63	27072	53.421	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.840%	
56) 1,1,2,2-Tetrachloroeth...		10.753	84	13584	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%	
66) 1,2-Dichlorobenzene-d4		12.190	152	19818	5.615	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%	
Target Compounds							
						Qvalue	
16) Methylene chloride		3.042	84	810	0.165	ug/L	93
19) 1,1-Dichloroethane		3.862	63	5459	0.612	ug/L #	86
22) cis-1,2-Dichloroethene		4.656	96	33054	6.365	ug/L	97
29) 1,1,1-Trichloroethane		5.309	97	14719	1.780	ug/L	98
34) Trichloroethene		6.541	95	2300	0.432	ug/L	88

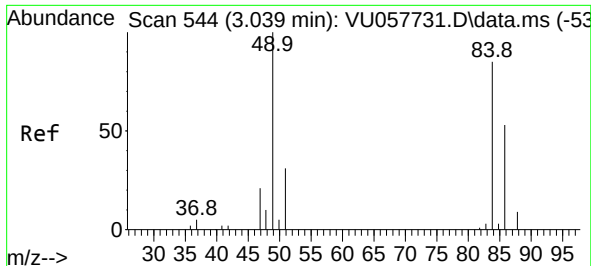
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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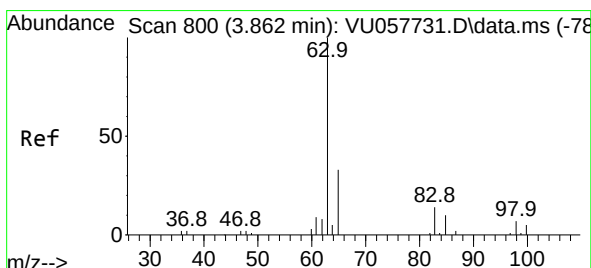
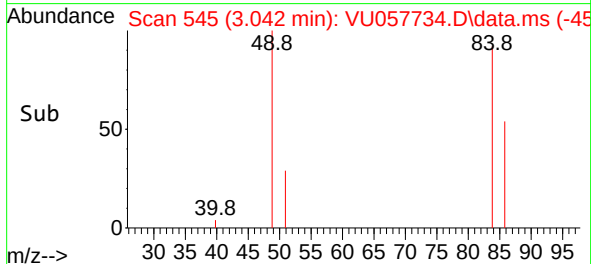
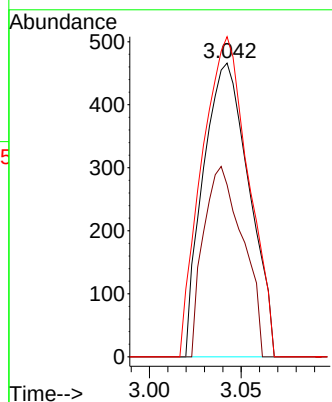
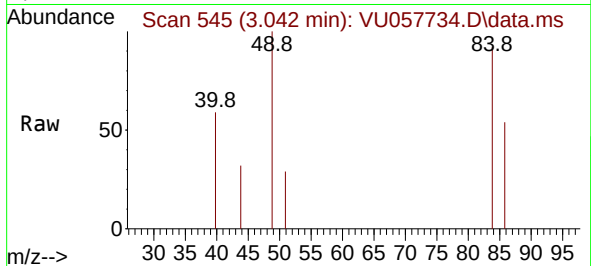




#16
Methylene chloride
Concen: 0.165 ug/L
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU057734.D
Acq: 30 Jan 2024 11:21

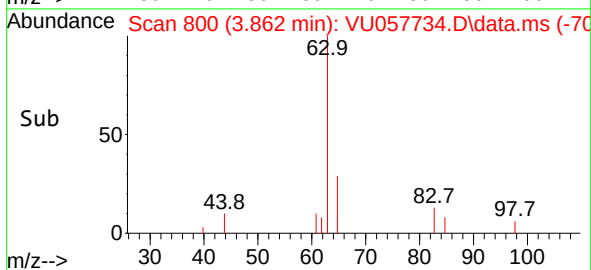
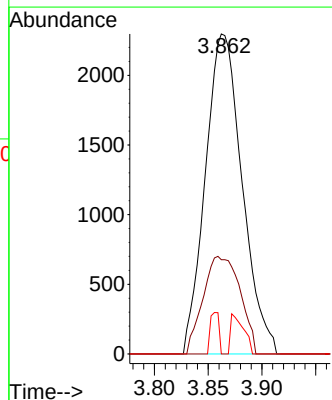
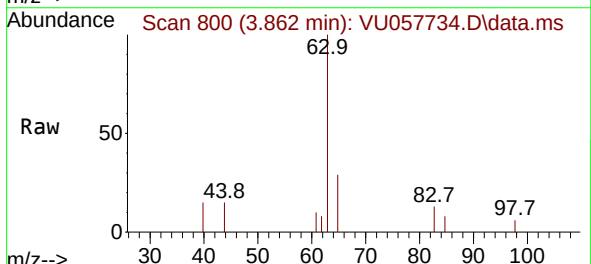
Instrument :
MSVOA_U
ClientSampleId :
C0FC5

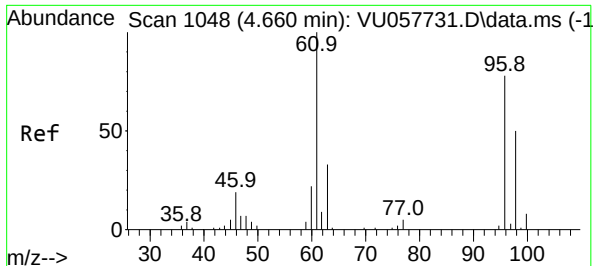
Tgt Ion: 84 Resp: 810
Ion Ratio Lower Upper
84 100
86 58.6 43.5 80.9
49 109.0 82.5 153.1



#19
1,1-Dichloroethane
Concen: 0.612 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU057734.D
Acq: 30 Jan 2024 11:21

Tgt Ion: 63 Resp: 5459
Ion Ratio Lower Upper
63 100
65 29.5 23.0 42.8
83 0.0 9.7 17.9#



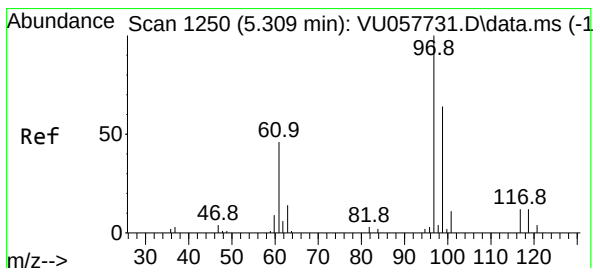
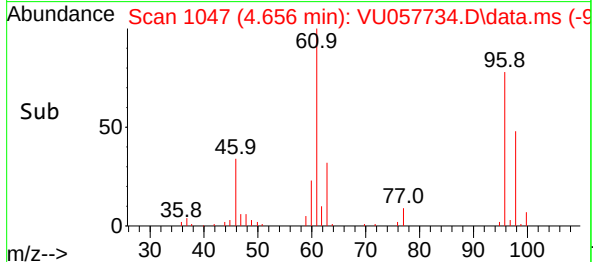
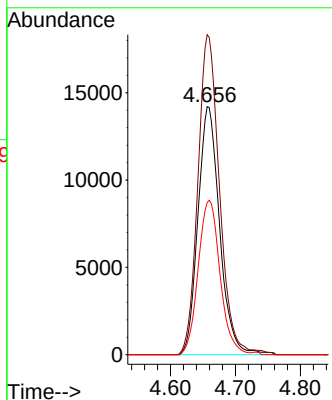
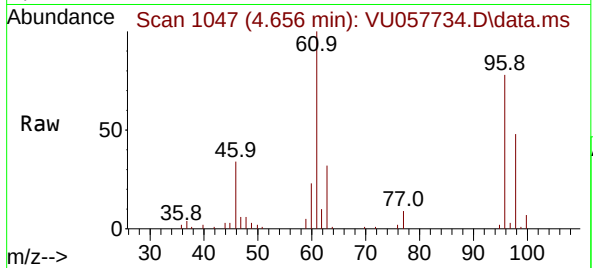


#22
 cis-1,2-Dichloroethene
 Concen: 6.365 ug/L
 RT: 4.656 min Scan# 110
 Delta R.T. -0.003 min
 Lab File: VU057734.D
 Acq: 30 Jan 2024 11:21

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FC5

Tgt Ion: 96 Resp: 33054

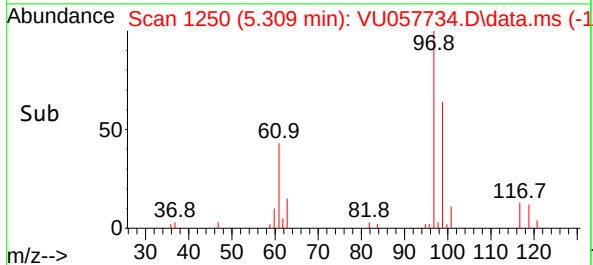
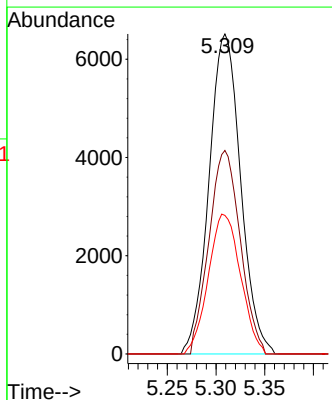
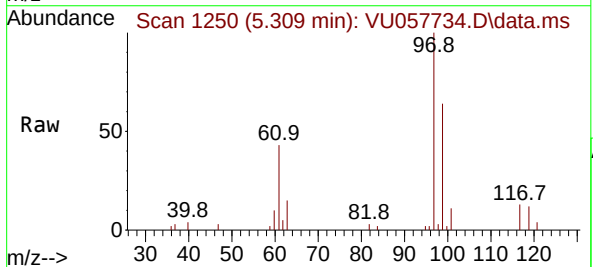
Ion	Ratio	Lower	Upper
96	100		
61	129.0	92.7	172.1
98	61.3	44.9	83.5

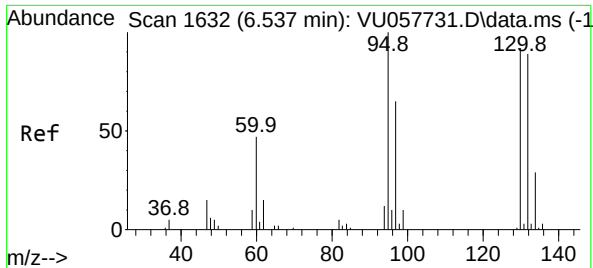


#29
 1,1,1-Trichloroethane
 Concen: 1.780 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. -0.000 min
 Lab File: VU057734.D
 Acq: 30 Jan 2024 11:21

Tgt Ion: 97 Resp: 14719

Ion	Ratio	Lower	Upper
97	100		
99	63.0	52.0	78.0
61	44.5	35.3	52.9





#34
 Trichloroethene
 Concen: 0.432 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU057734.D
 Acq: 30 Jan 2024 11:21

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FC5

Tgt Ion: 95	Resp: 2300
Ion Ratio	Lower Upper
95 100	
97 60.2	46.1 85.5
132 85.5	66.1 122.8
130 80.5	68.7 127.5

