

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056445.D
 Acq On : 17 Nov 2023 16:30
 Operator : MD/SY
 Sample : 05341-13DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QF2DL

Quant Time: Nov 17 23:22:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 23:14:39 2023
 Response via : Initial Calibration

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

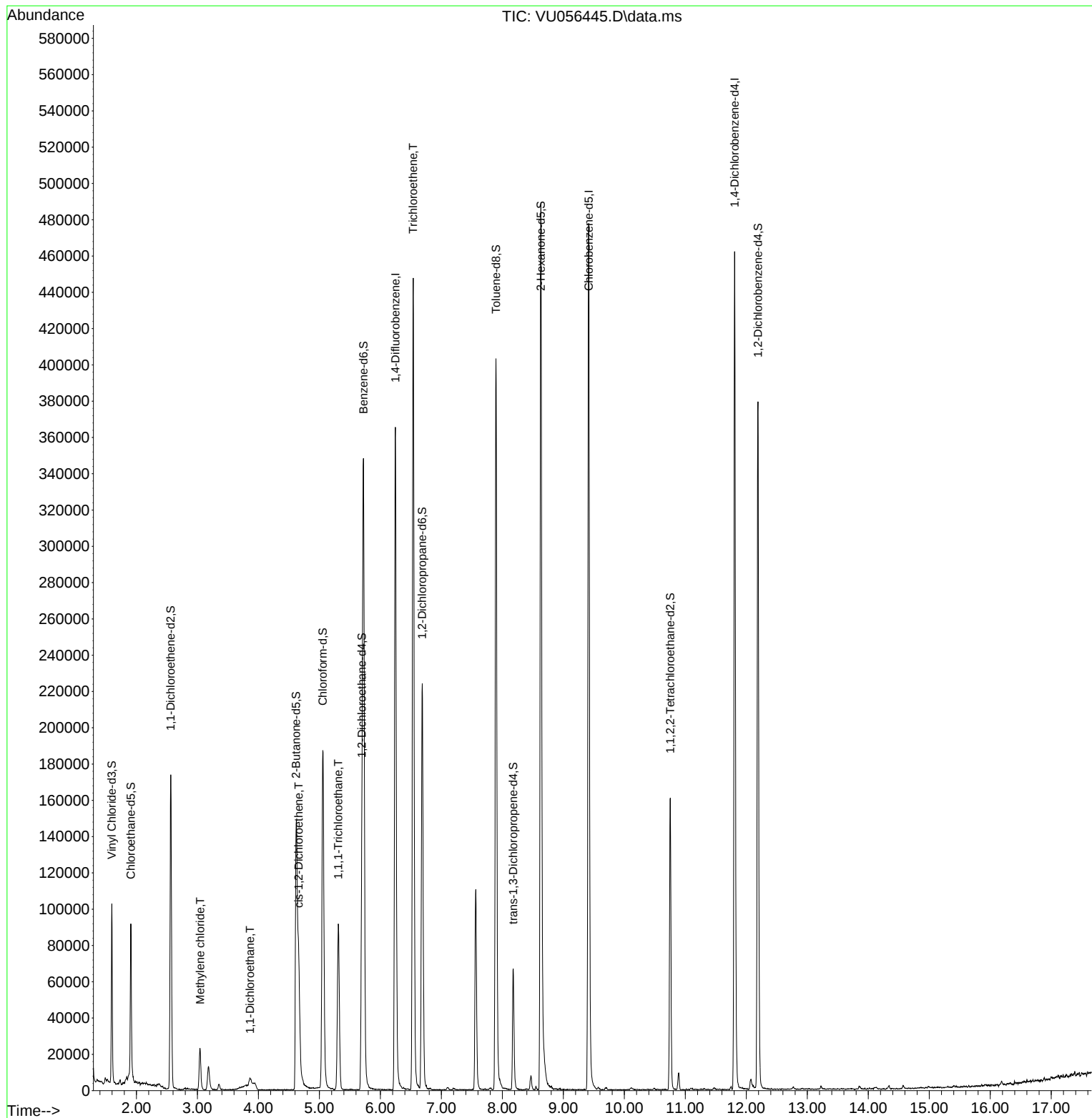
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	296795	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	280766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	121474	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	67391	3.036	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.908	69	61590	3.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.560	65	32964	3.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	4.618	46	227697	51.439	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.880%
24) Chloroform-d	5.055	84	180898	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.695	65	93441	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.721	84	334592	4.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.685	67	109781	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.894	98	279160	3.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	8.177	79	38871	4.020	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.631	63	175991	46.316	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.640%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	81057	4.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	101921	4.542	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	12163	0.506	ug/L	94
19) 1,1-Dichloroethane	3.862	63	4912	0.133	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	25119	1.185	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	67300	2.088	ug/L	99
34) Trichloroethene	6.538	95	162347	7.438	ug/L	98

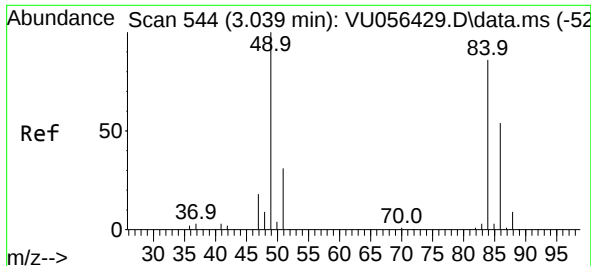
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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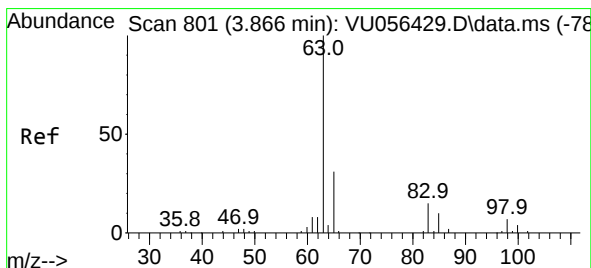
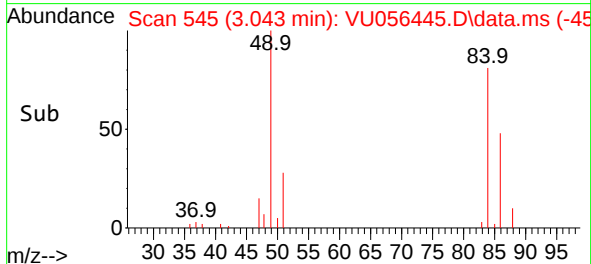
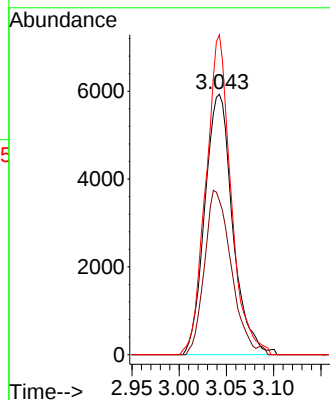
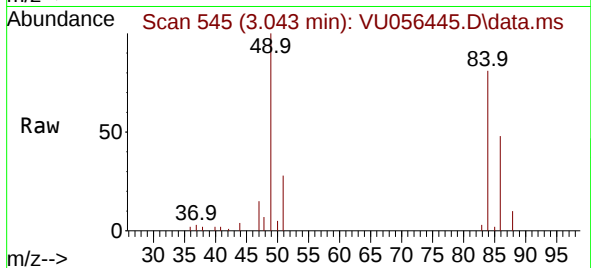




#16
Methylene chloride
Concen: 0.506 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056445.D
Acq: 17 Nov 2023 16:30

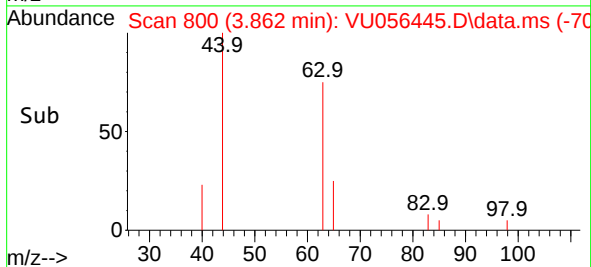
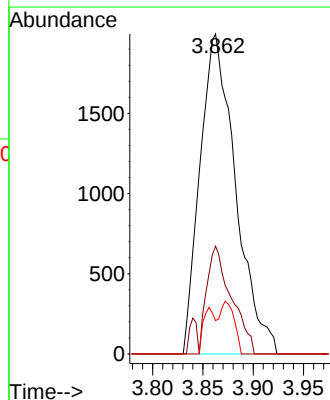
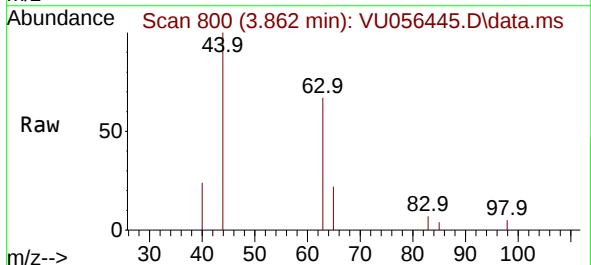
Instrument :
MSVOA_U
ClientSampleId :
C0QF2DL

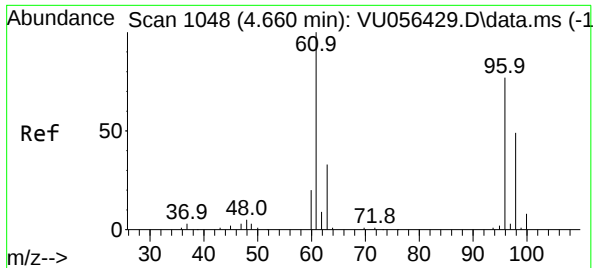
Tgt Ion: 84 Resp: 12163
Ion Ratio Lower Upper
84 100
86 59.1 44.7 83.1
49 122.8 81.8 152.0



#19
1,1-Dichloroethane
Concen: 0.133 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU056445.D
Acq: 17 Nov 2023 16:30

Tgt Ion: 63 Resp: 4912
Ion Ratio Lower Upper
63 100
65 33.7 21.8 40.6
83 10.4 9.7 17.9

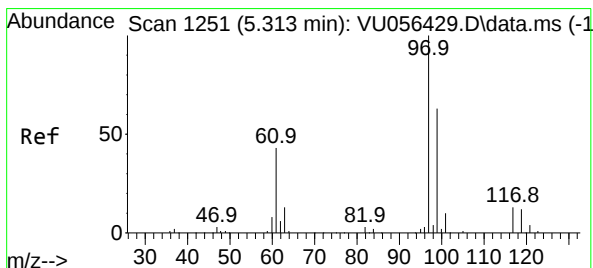
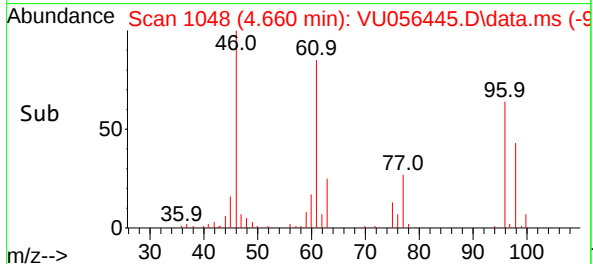
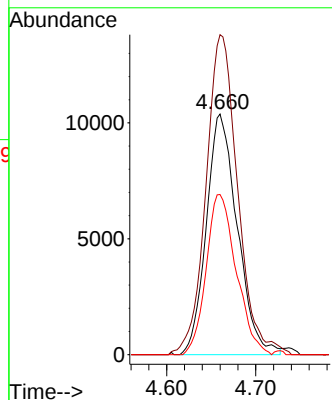
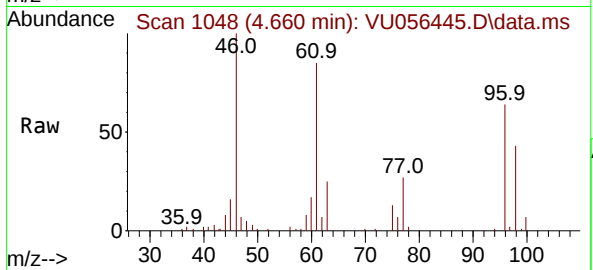




#22
 cis-1,2-Dichloroethene
 Concen: 1.185 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056445.D
 Acq: 17 Nov 2023 16:30

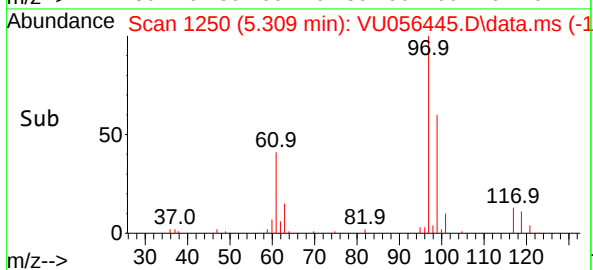
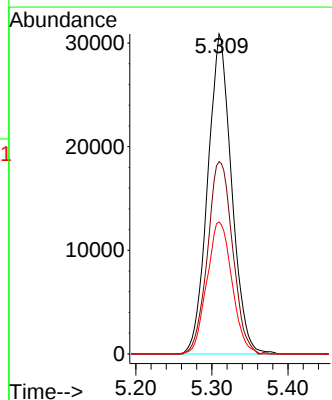
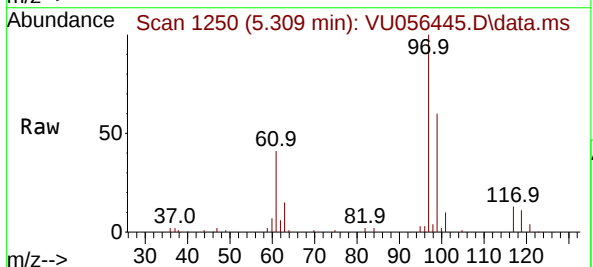
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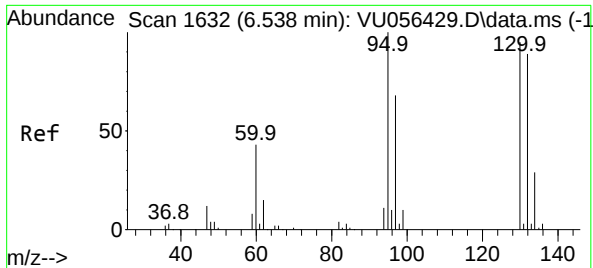
Tgt Ion: 96 Resp: 25119
 Ion Ratio Lower Upper
 96 100
 61 132.9 93.2 173.2
 98 66.5 44.8 83.2



#29
 1,1,1-Trichloroethane
 Concen: 2.088 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. -0.003 min
 Lab File: VU056445.D
 Acq: 17 Nov 2023 16:30

Tgt Ion: 97 Resp: 67300
 Ion Ratio Lower Upper
 97 100
 99 63.1 51.6 77.4
 61 43.4 34.3 51.5





#34
 Trichloroethene
 Concen: 7.438 ug/L
 RT: 6.538 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU056445.D
 Acq: 17 Nov 2023 16:30

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QF2DL

Tgt Ion: 95 Resp: 162347

Ion	Ratio	Lower	Upper
95	100		
97	65.4	46.5	86.3
132	90.6	62.0	115.2
130	93.1	66.3	123.1

