

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056357.D
 Acq On : 15 Nov 2023 16:02
 Operator : MD/SY
 Sample : 05340-11DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDL6DL

Quant Time: Nov 16 04:39:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 04:37:29 2023
 Response via : Initial Calibration

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

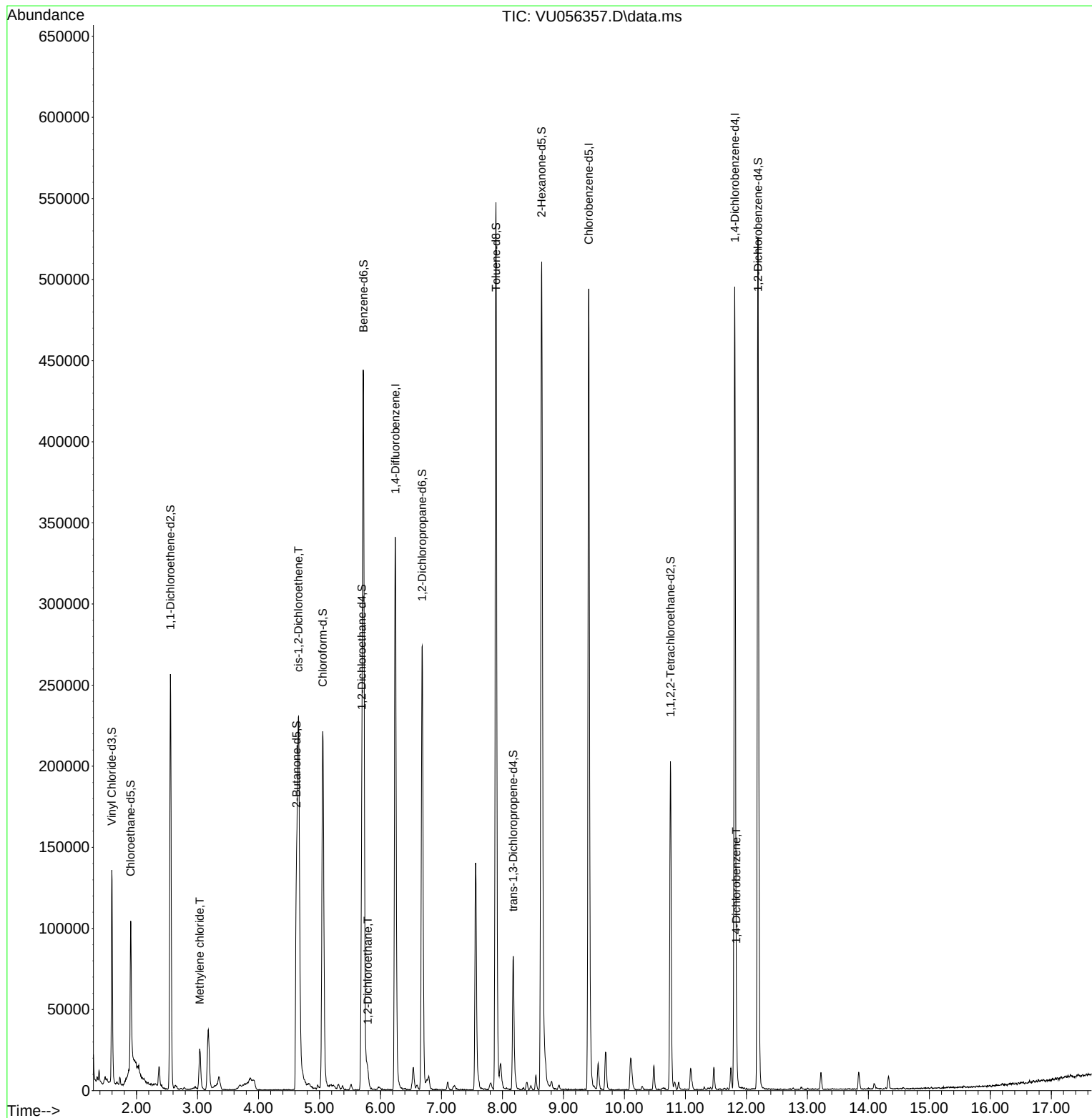
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	282656	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	281602	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	129894	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	100317	4.745	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.904	69	70757	4.365	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.557	65	50834	5.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.000%
20) 2-Butanone-d5	4.624	46	240469	57.042	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.080%
24) Chloroform-d	5.055	84	212811	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.695	65	107449	5.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
32) Benzene-d6	5.721	84	428079	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.685	67	135233	5.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.894	98	376982	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.177	79	50718	5.230	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.643	63	215089	56.437	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.880%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	103503	5.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	136242	5.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	13638	0.596	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	96254	4.768	ug/L	99
27) 1,2-Dichloroethane	5.791	62	7070	0.326	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	10703	0.280	ug/L	96

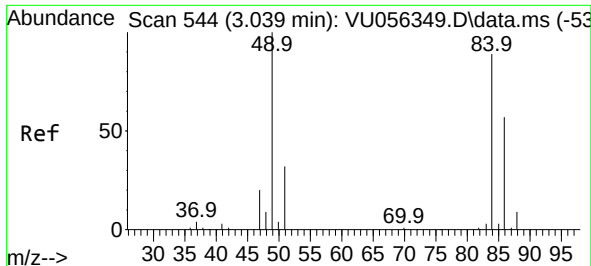
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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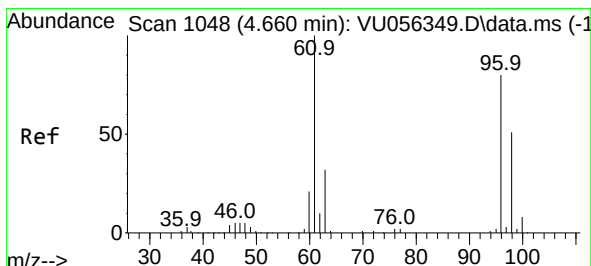
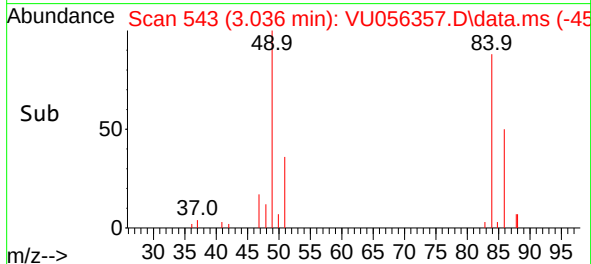
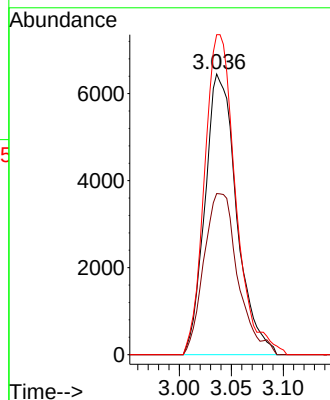
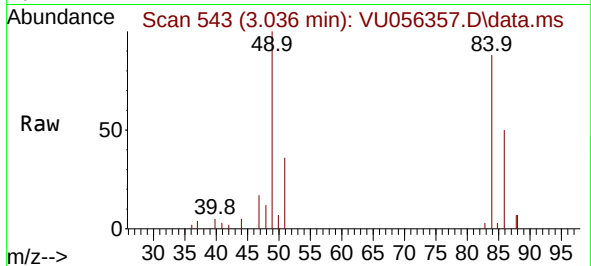




#16
Methylene chloride
Concen: 0.596 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU056357.D
Acq: 15 Nov 2023 16:02

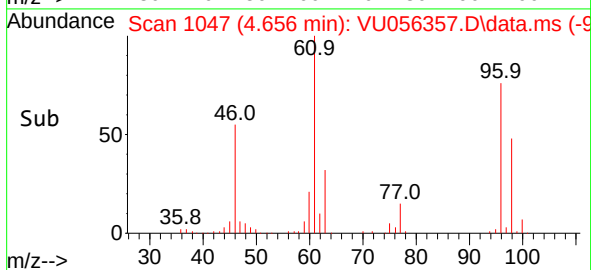
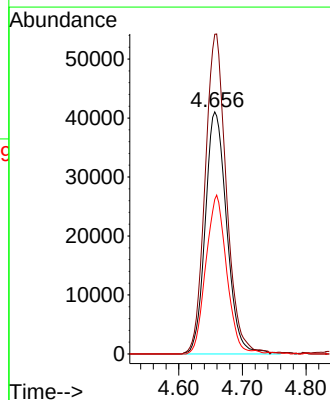
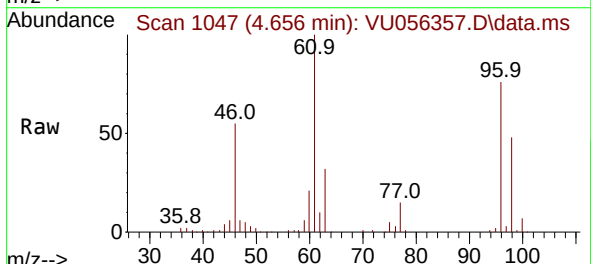
Instrument :
MSVOA_U
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GCDL6DL

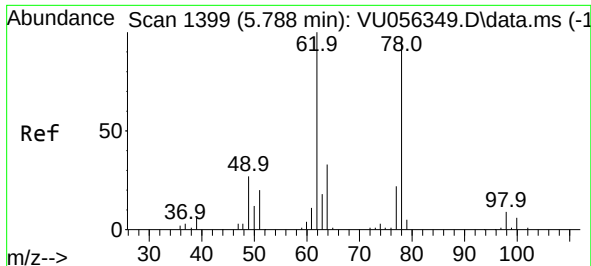
Tgt Ion: 84 Resp: 13638
Ion Ratio Lower Upper
84 100
86 57.4 44.7 83.1
49 114.0 81.8 152.0



#22
cis-1,2-Dichloroethene
Concen: 4.768 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU056357.D
Acq: 15 Nov 2023 16:02

Tgt Ion: 96 Resp: 96254
Ion Ratio Lower Upper
96 100
61 132.1 93.2 173.2
98 63.9 44.8 83.2

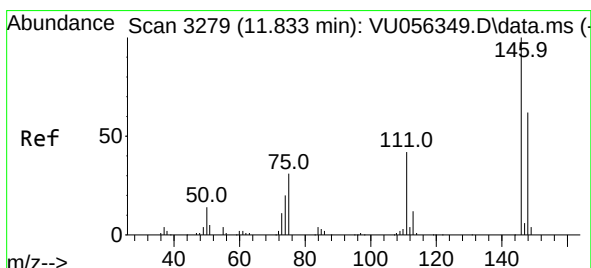
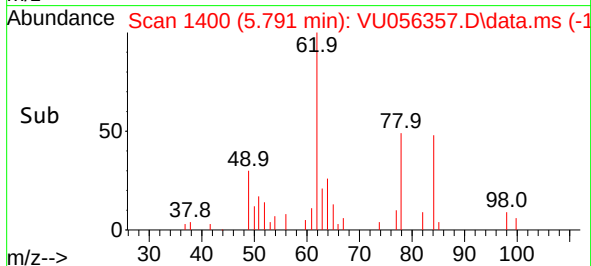
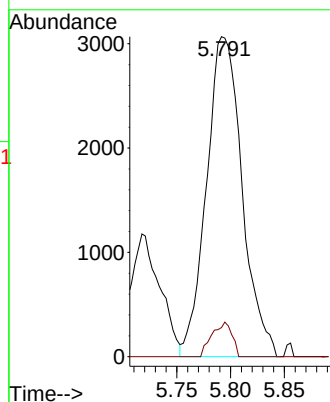
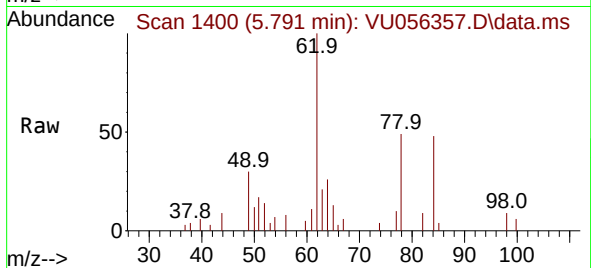




#27
1,2-Dichloroethane
Concen: 0.326 ug/L
RT: 5.791 min Scan# 14
Delta R.T. 0.003 min
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Instrument :
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Tgt Ion: 62 Resp: 7070
Ion Ratio Lower Upper
62 100
98 9.1 6.6 10.0



#65
1,4-Dichlorobenzene
Concen: 0.280 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.003 min
Lab File: VU056357.D
Acq: 15 Nov 2023 16:02

Tgt Ion: 146 Resp: 10703
Ion Ratio Lower Upper
146 100
111 46.9 30.5 56.7
148 60.9 44.8 83.2

