

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056844.D
 Acq On : 14 Dec 2023 17:18
 Operator : MD/SY
 Sample : 05684-06DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J2DL

Quant Time: Dec 15 00:54:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 00:49:12 2023
 Response via : Initial Calibration

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

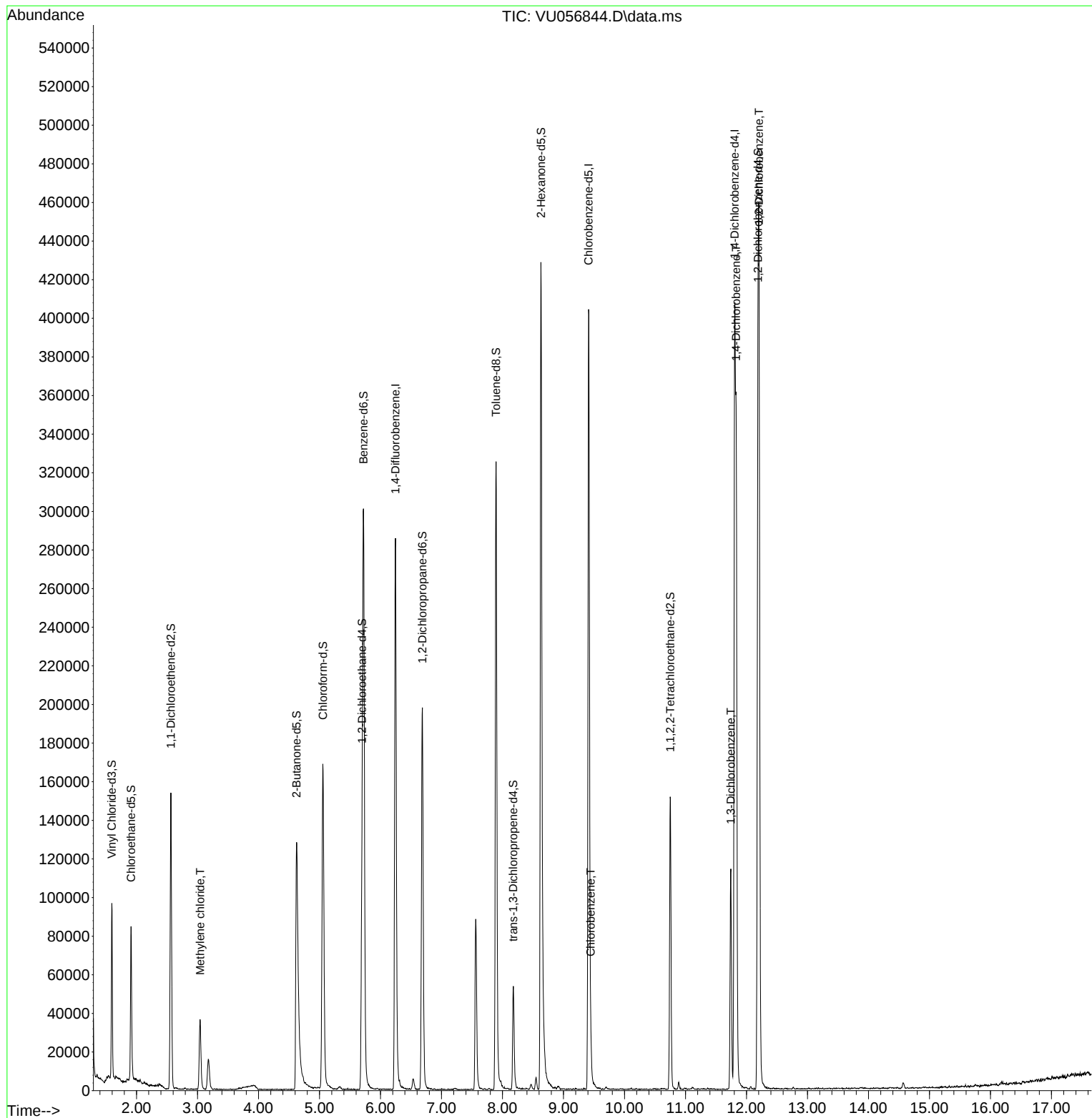
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	232998	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101602	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	65133	3.261	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.911	69	57602	3.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.563	65	29265	3.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	4.624	46	206619	52.386	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.780%
24) Chloroform-d	5.055	84	161090	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.698	65	80961	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.721	84	287420	3.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.685	67	99206	4.255	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.894	98	224795	3.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	8.177	79	33599	3.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.631	63	147140	43.151	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.300%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	77343	4.585	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	88005	4.406	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	18688	0.907	ug/L	98
51) Chlorobenzene	9.444	112	10001	0.180	ug/L	90
64) 1,3-Dichlorobenzene	11.743	146	46174	1.216	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	129372	3.460	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	142129	4.109	ug/L	97

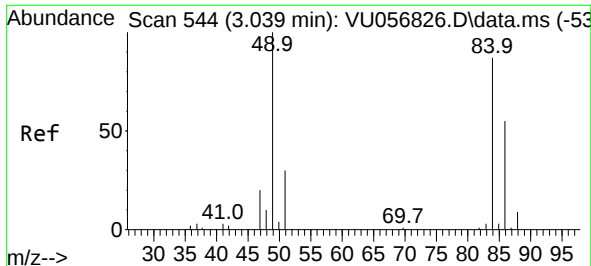
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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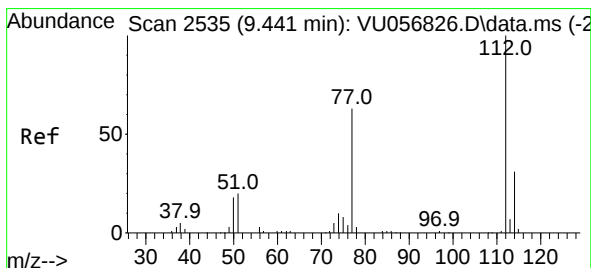
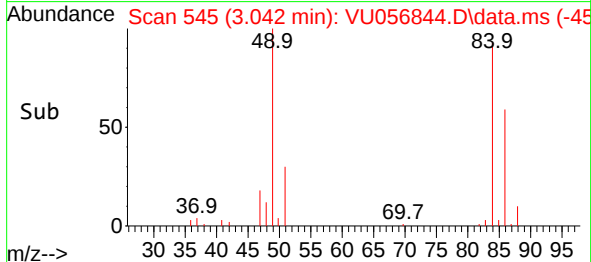
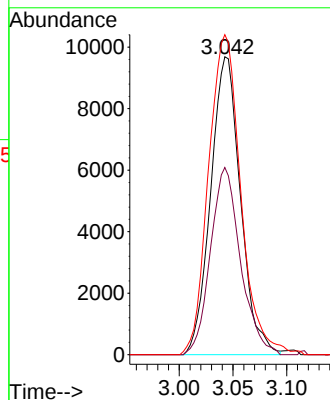
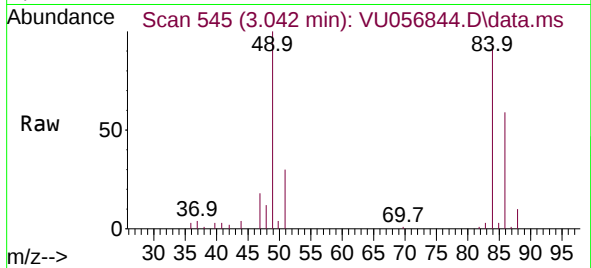




#16
Methylene chloride
Concen: 0.907 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056844.D
Acq: 14 Dec 2023 17:18

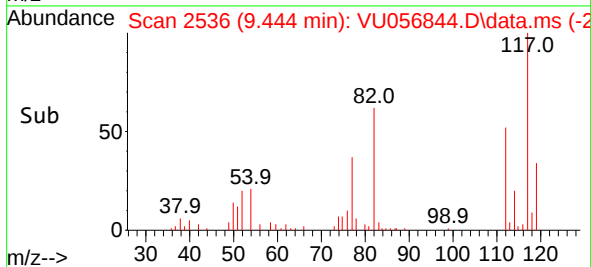
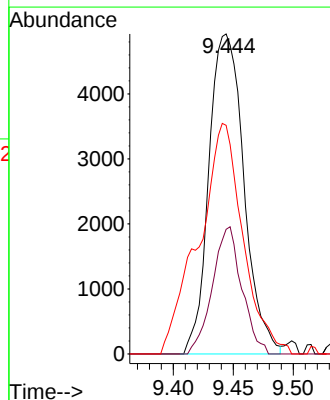
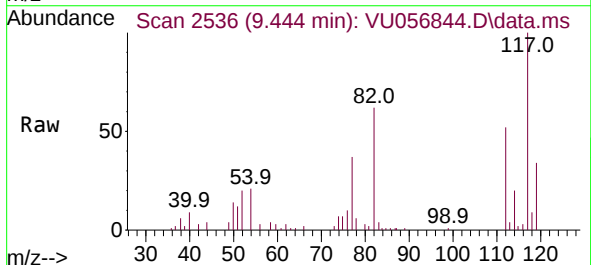
Instrument :
MSVOA_U
ClientSampleId :
E06J2DL

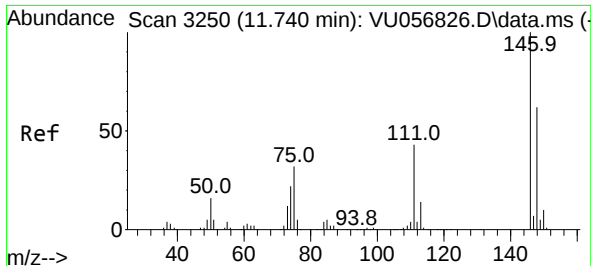
Tgt Ion:	84	Resp:	18688
Ion	Ratio	Lower	Upper
84	100		
86	62.9	43.6	81.0
49	111.8	80.6	149.6



#51
Chlorobenzene
Concen: 0.180 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU056844.D
Acq: 14 Dec 2023 17:18

Tgt Ion:	112	Resp:	10001
Ion	Ratio	Lower	Upper
112	100		
114	39.0	21.9	40.7
77	71.5	51.6	77.4





#64

1,3-Dichlorobenzene

Concen: 1.216 ug/L

RT: 11.743 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU056844.D

Acq: 14 Dec 2023 17:18

Instrument :

MSVOA_U

ClientSampleId :

E06J2DL

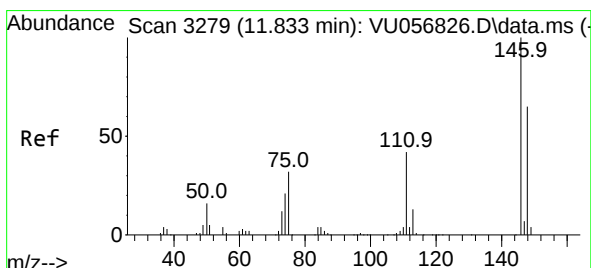
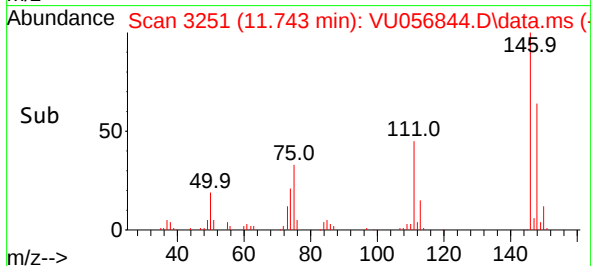
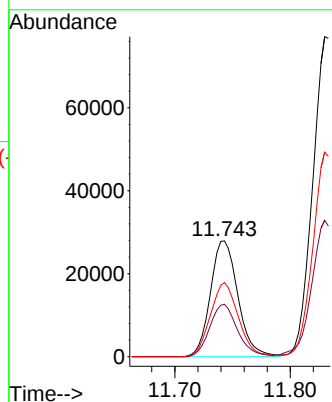
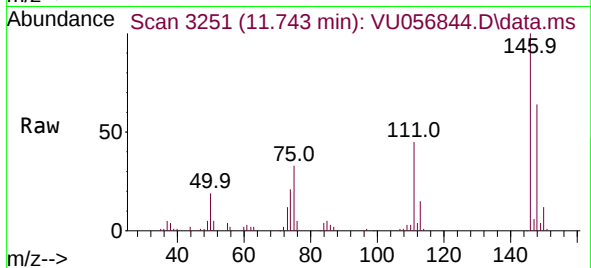
Tgt Ion:146 Resp: 46174

Ion Ratio Lower Upper

146 100

111 45.2 31.7 58.9

148 64.0 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 3.460 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.003 min

Lab File: VU056844.D

Acq: 14 Dec 2023 17:18

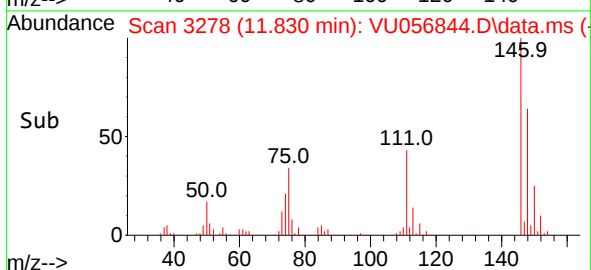
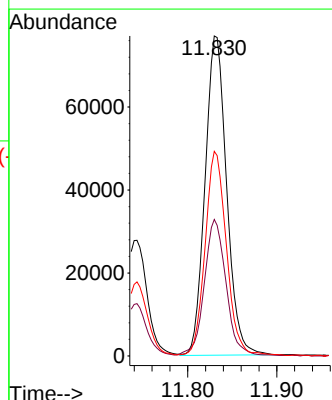
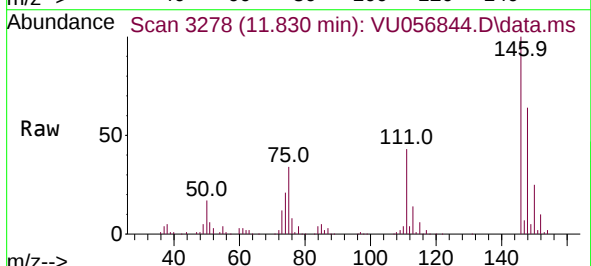
Tgt Ion:146 Resp: 129372

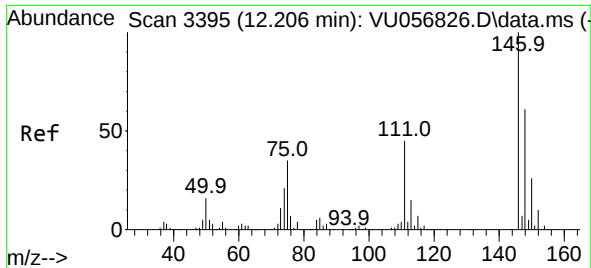
Ion Ratio Lower Upper

146 100

111 42.7 31.2 58.0

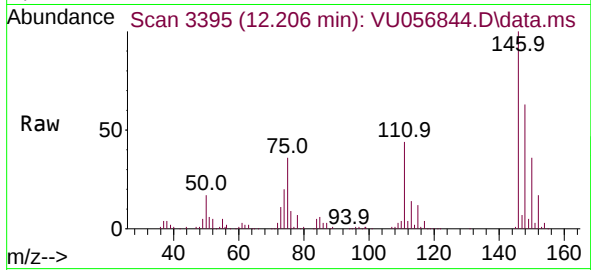
148 64.0 45.6 84.8





#67
 1,2-Dichlorobenzene
 Concen: 4.109 ug/L
 RT: 12.206 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056844.D
 Acq: 14 Dec 2023 17:18

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J2DL



Tgt Ion:146 Resp: 142129
 Ion Ratio Lower Upper
 146 100
 111 44.2 36.9 55.3
 148 63.2 53.0 79.4

