

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056843.D
 Acq On : 14 Dec 2023 16:53
 Operator : MD/SY
 Sample : 05684-04DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J0DL

Quant Time: Dec 15 00:54:04 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)

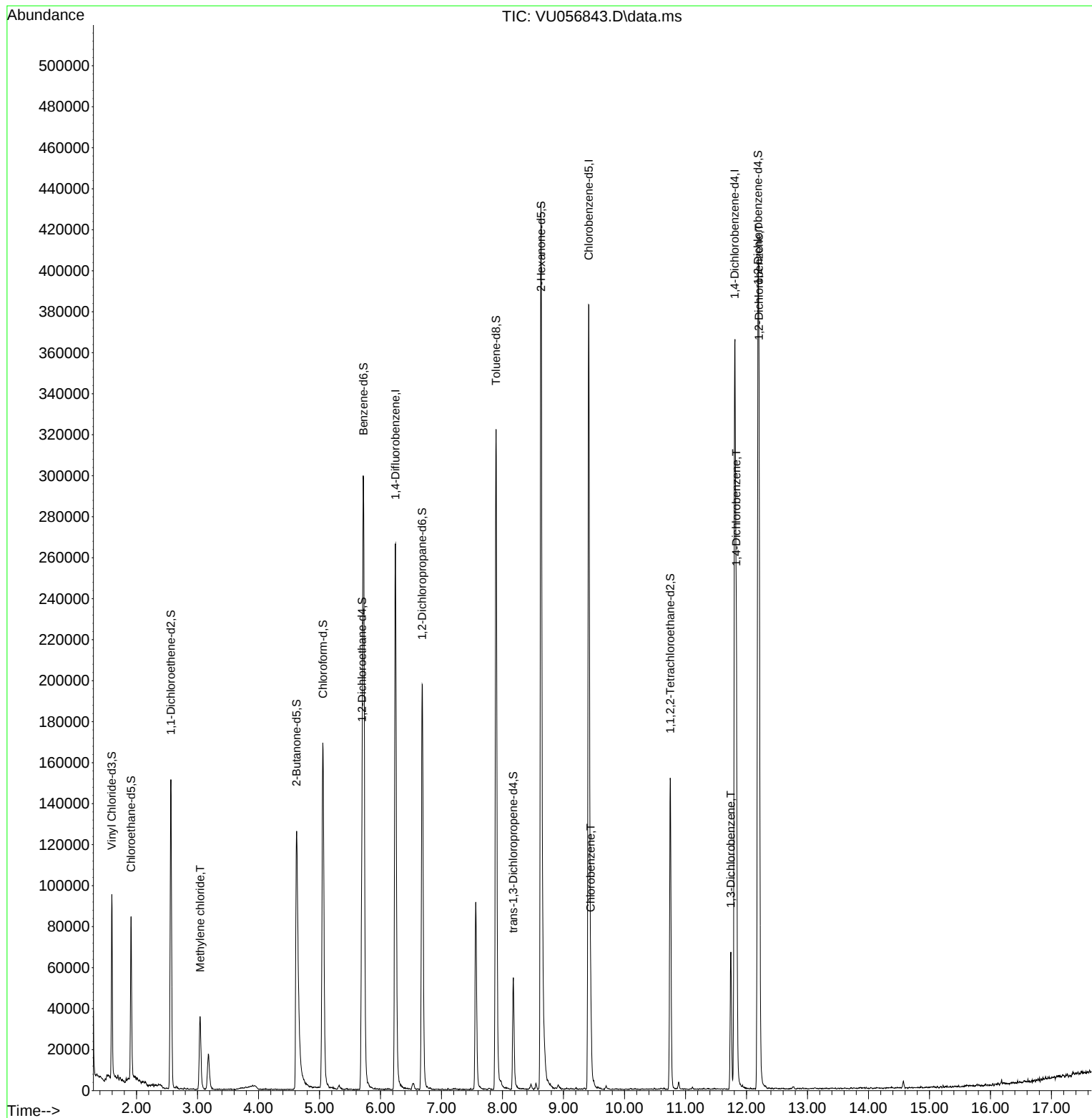
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	218341	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	226525	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93991	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	62057	3.316	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.911	69	57090	4.076	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.563	65	29447	3.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.624	46	209354	56.643	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.280%
24) Chloroform-d	5.055	84	163644	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.698	65	80842	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.721	84	290036	4.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.682	67	97913	4.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.894	98	225267	3.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.177	79	33444	3.921	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.631	63	148529	46.176	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.360%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	77976	4.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	87791	4.752	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
16) Methylene chloride	3.042	84	18416	0.954	ug/L	96
51) Chlorobenzene	9.444	112	22566	0.430	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	27136	0.772	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	87006	2.515	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	105513	3.297	ug/L	98

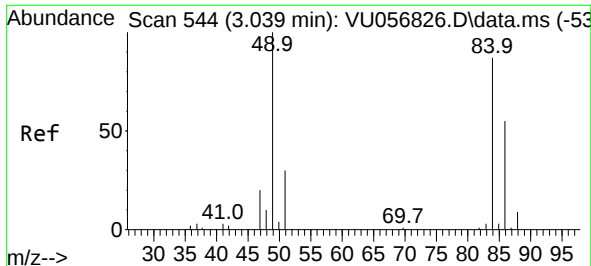
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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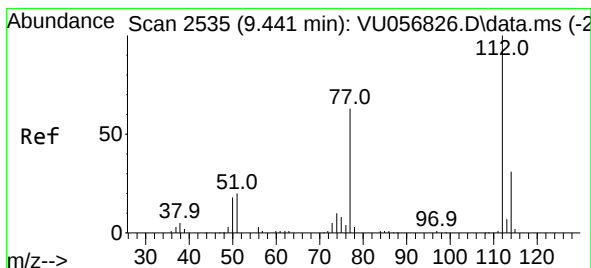
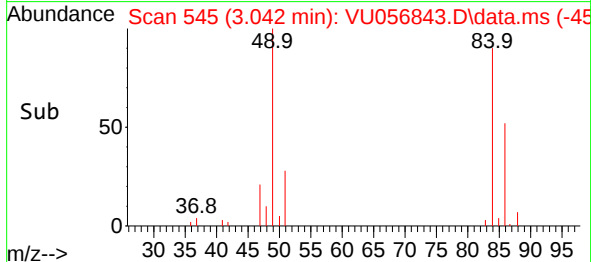
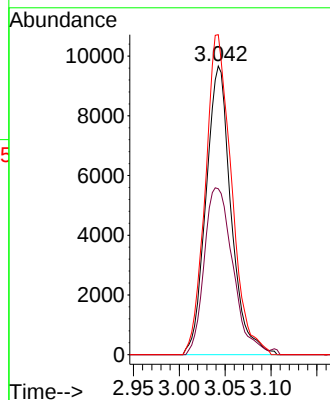
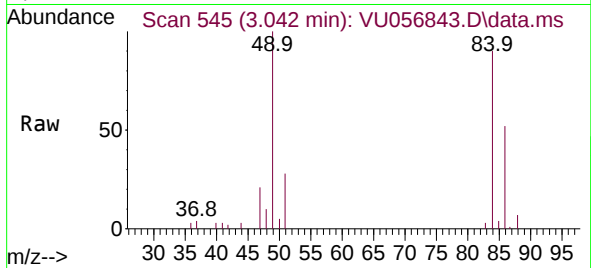




#16
Methylene chloride
Concen: 0.954 ug/L
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU056843.D
Acq: 14 Dec 2023 16:53

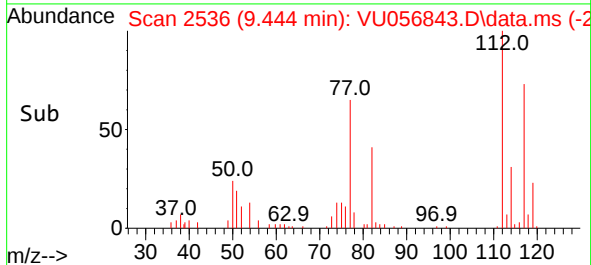
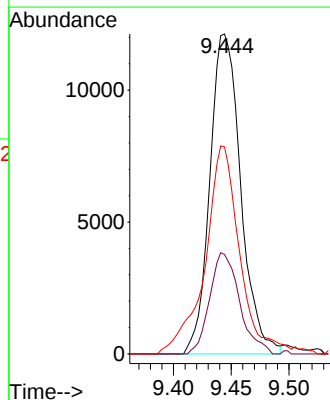
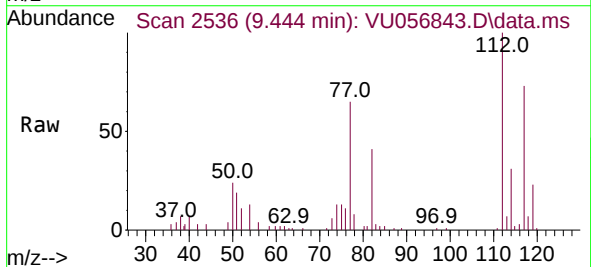
Instrument :
MSVOA_U
ClientSampleId :
E06J0DL

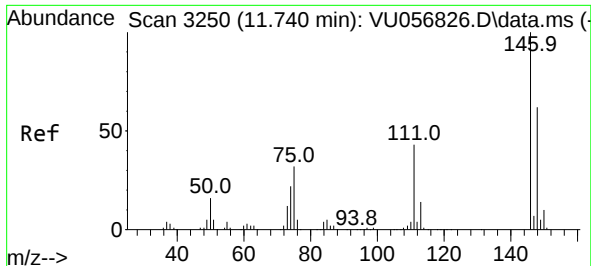
Tgt Ion: 84 Resp: 18416
Ion Ratio Lower Upper
84 100
86 58.6 43.6 81.0
49 110.8 80.6 149.6



#51
Chlorobenzene
Concen: 0.430 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU056843.D
Acq: 14 Dec 2023 16:53

Tgt Ion: 112 Resp: 22566
Ion Ratio Lower Upper
112 100
114 31.1 21.9 40.7
77 64.7 51.6 77.4

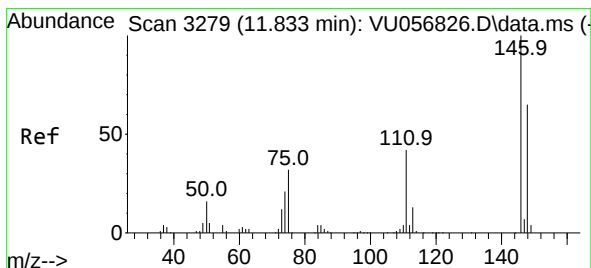
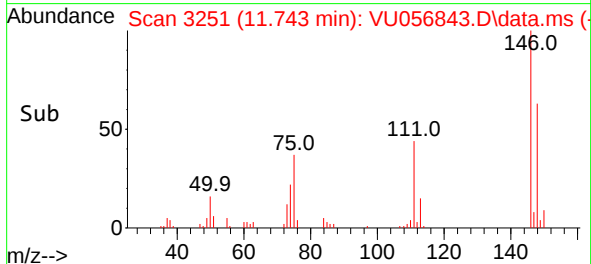
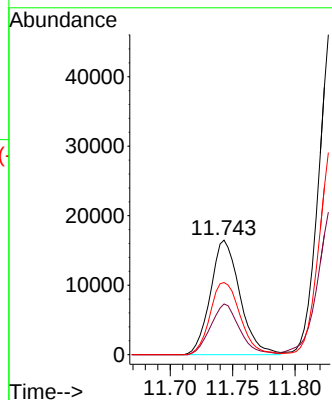
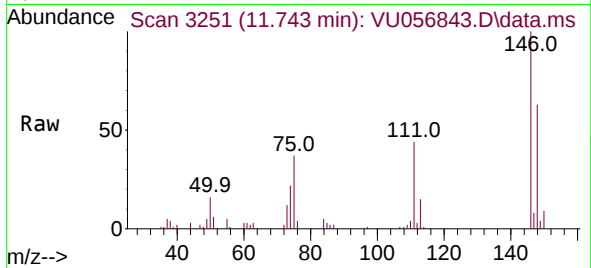




#64
1,3-Dichlorobenzene
Concen: 0.772 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056843.D
Acq: 14 Dec 2023 16:53

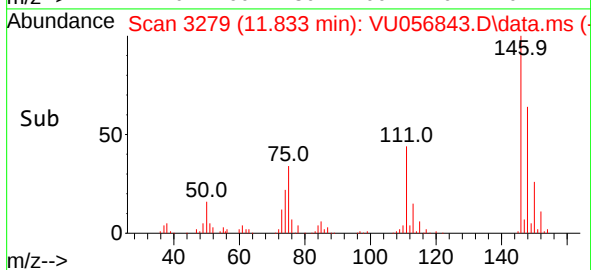
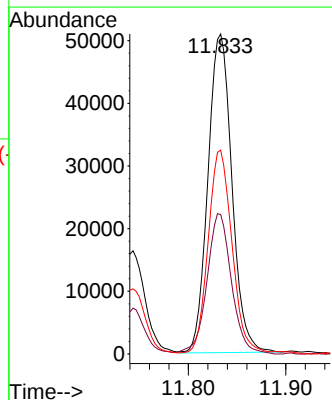
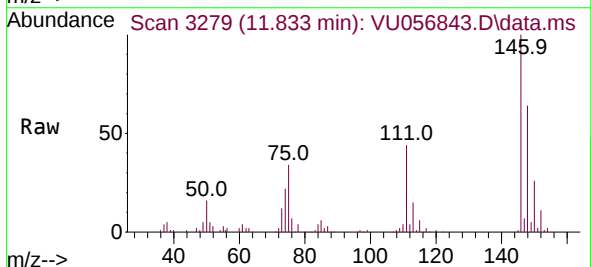
Instrument :
MSVOA_U
ClientSampleId :
E06J0DL

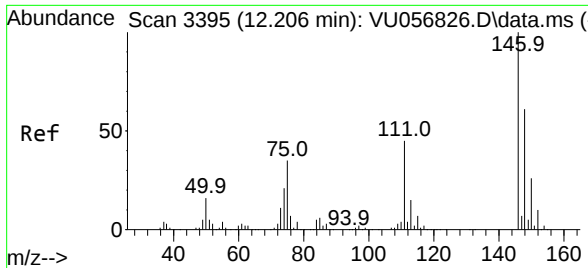
Tgt Ion:146 Resp: 27136
Ion Ratio Lower Upper
146 100
111 44.3 31.7 58.9
148 63.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 2.515 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056843.D
Acq: 14 Dec 2023 16:53

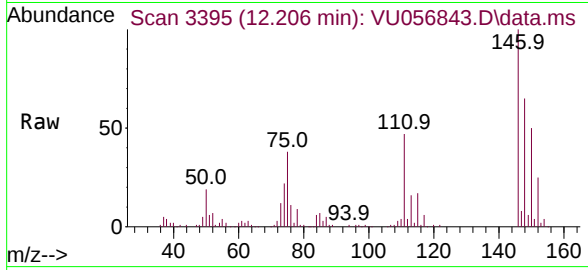
Tgt Ion:146 Resp: 87006
Ion Ratio Lower Upper
146 100
111 43.6 31.2 58.0
148 63.7 45.6 84.8





#67
 1,2-Dichlorobenzene
 Concen: 3.297 ug/L
 RT: 12.206 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056843.D
 Acq: 14 Dec 2023 16:53

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J0DL



Tgt Ion:	146	Resp:	105513
Ion Ratio	Lower	Upper	
146	100		
111	46.8	36.9	55.3
148	64.6	53.0	79.4

