

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056888.D
 Acq On : 15 Dec 2023 18:49
 Operator : MD/SY
 Sample : 05684-09DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J5DL

Quant Time: Dec 15 22:27:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

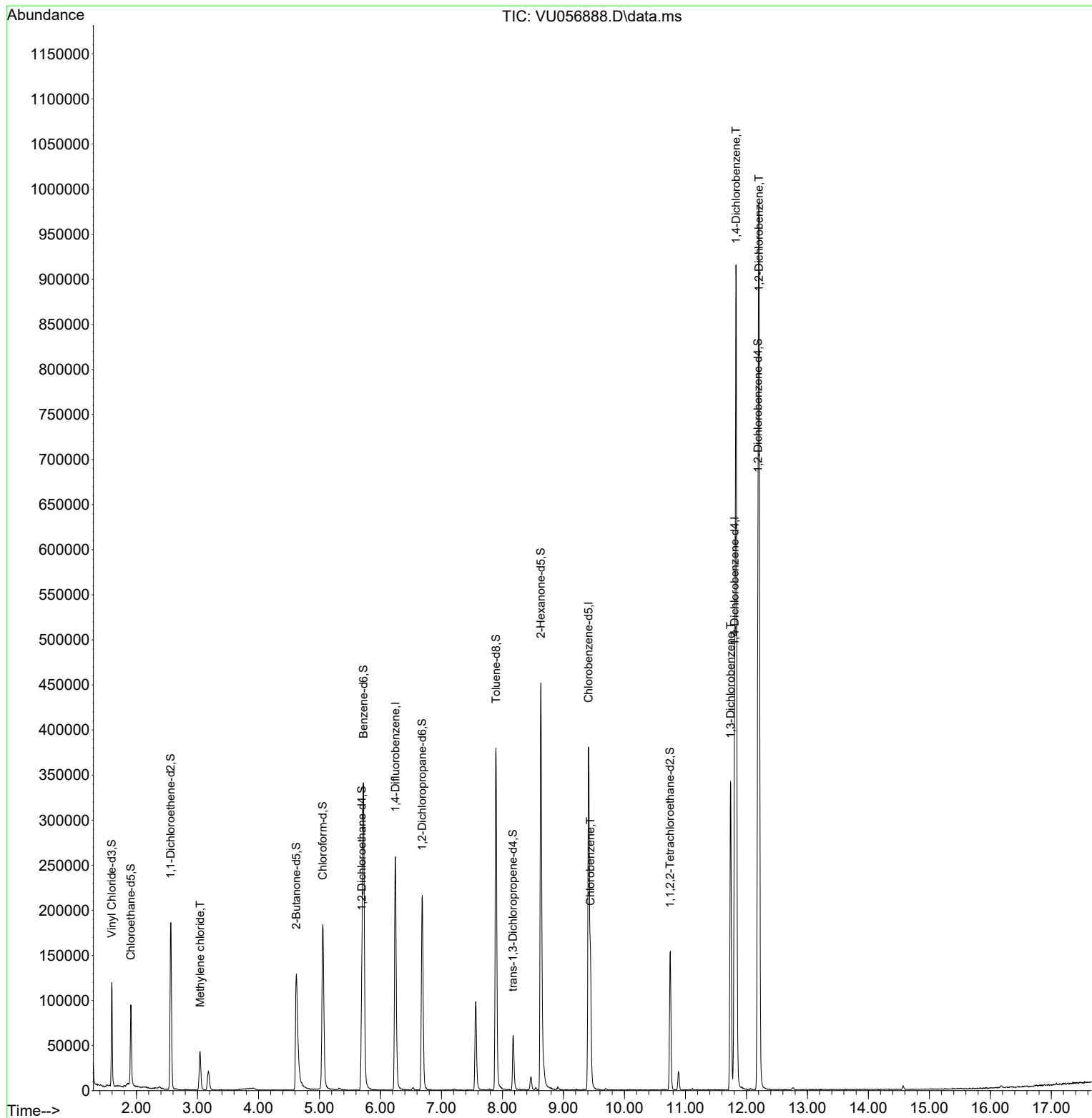
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	213670	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	219684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	81292	4.438	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.800%	
7) Chloroethane-d5	1.907	69	65904	4.809	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.560	65	35744	4.561	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.200%	
20) 2-Butanone-d5	4.621	46	190375	52.634	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.260%	
24) Chloroform-d	5.055	84	174312	5.026	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.695	65	86071	5.244	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	5.721	84	329021	4.829	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.685	67	106073	4.974	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.894	98	262336	4.308	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
43) trans-1,3-Dichloroprop...	8.174	79	37522	4.537	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.630	63	154534	49.539	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.080%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	79911	5.179	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	105566	5.380	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.600%	
Target Compounds						
16) Methylene chloride	3.042	84	21319	1.128	ug/L	99
51) Chlorobenzene	9.444	112	75655	1.486	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	137401	3.683	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	347716	9.466	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	359947	10.592	ug/L	98

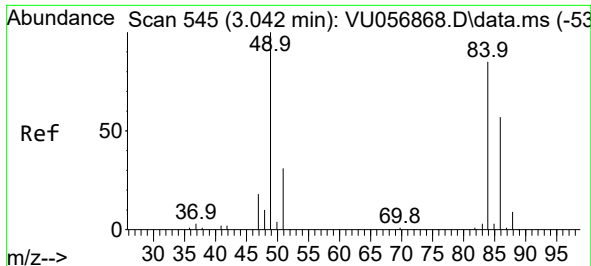
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
Data File : VU056888.D
Acq On : 15 Dec 2023 18:49
Operator : MD/SY
Sample : 05684-09DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E06J5DL

Quant Time: Dec 15 22:27:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration

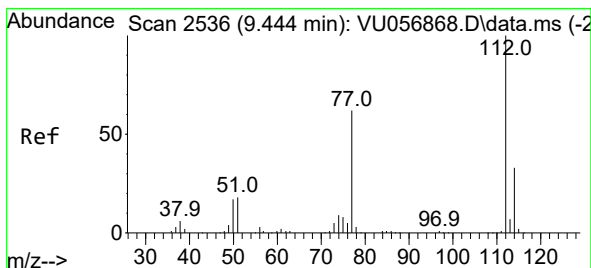
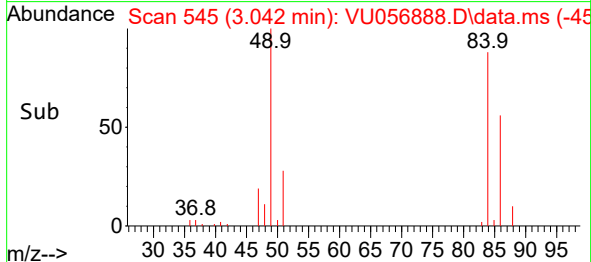
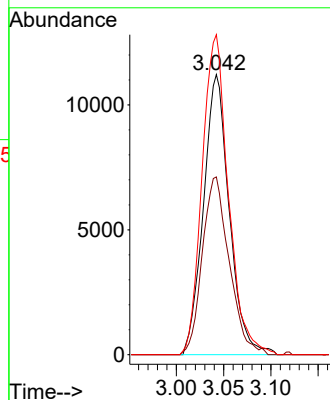
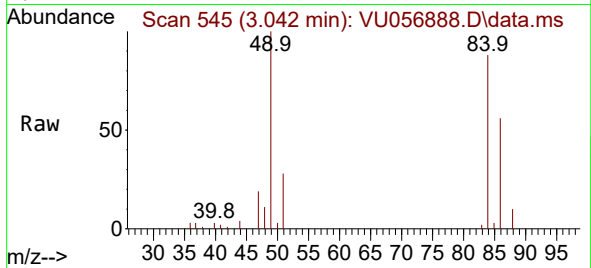




#16
Methylene chloride
Concen: 1.128 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

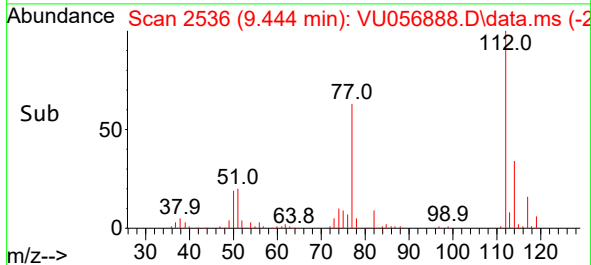
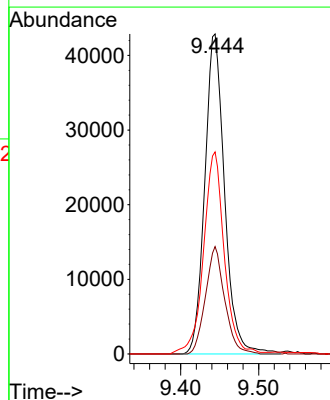
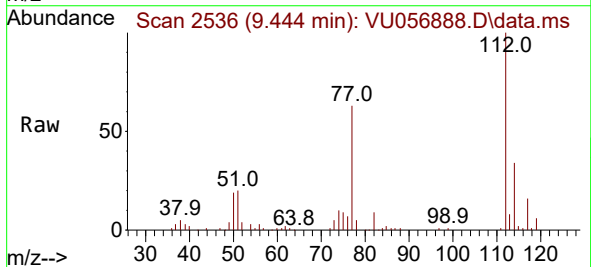
Instrument :
MSVOA_U
ClientSampleId :
E06J5DL

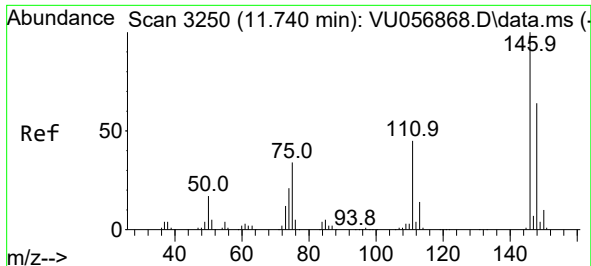
Tgt Ion: 84 Resp: 21319
Ion Ratio Lower Upper
84 100
86 63.4 43.6 81.0
49 114.2 80.6 149.6



#51
Chlorobenzene
Concen: 1.486 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Tgt Ion: 112 Resp: 75655
Ion Ratio Lower Upper
112 100
114 33.6 21.9 40.7
77 63.2 51.6 77.4

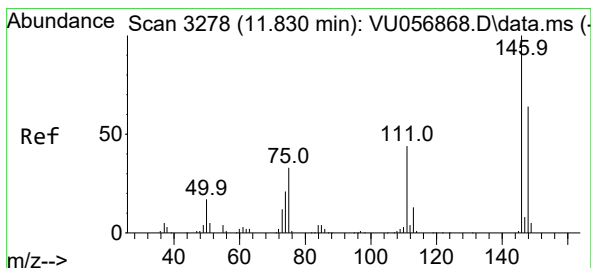
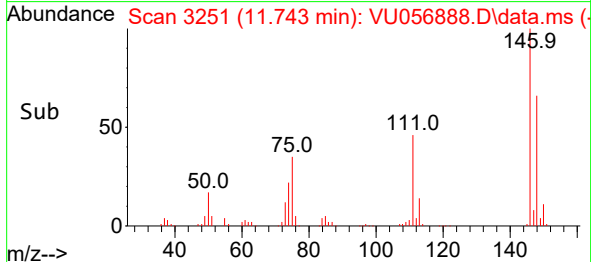
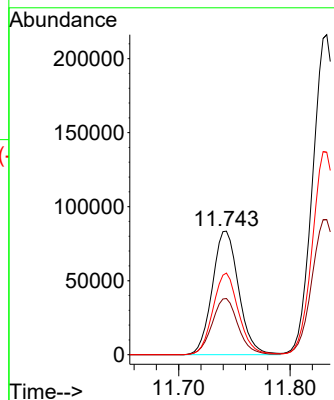
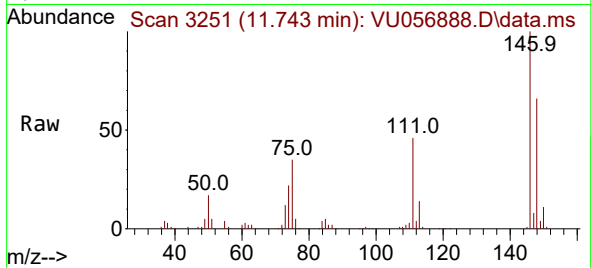




#64
 1,3-Dichlorobenzene
 Concen: 3.683 ug/L
 RT: 11.743 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056888.D
 Acq: 15 Dec 2023 18:49

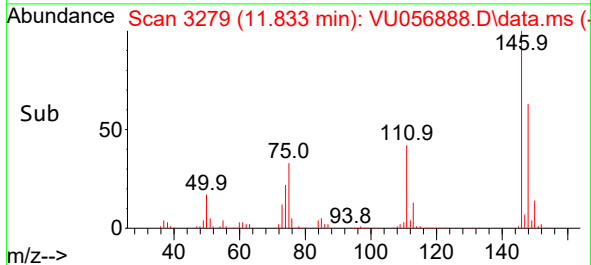
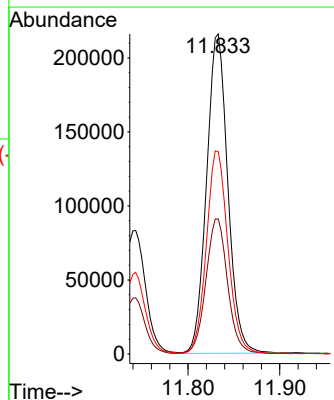
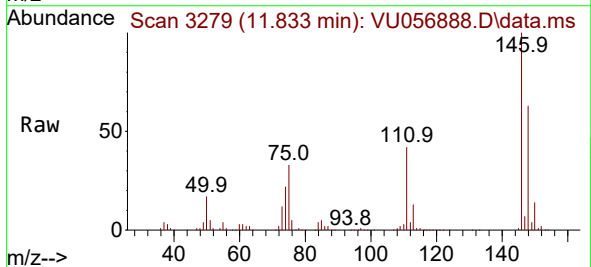
Instrument :
 MSVOA_U
 ClientSampleId :
 E06J5DL

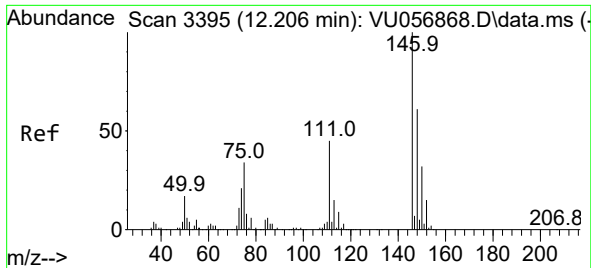
Tgt Ion:146 Resp: 137401
 Ion Ratio Lower Upper
 146 100
 111 45.5 31.7 58.9
 148 66.1 44.3 82.3



#65
 1,4-Dichlorobenzene
 Concen: 9.466 ug/L
 RT: 11.833 min Scan# 3279
 Delta R.T. -0.000 min
 Lab File: VU056888.D
 Acq: 15 Dec 2023 18:49

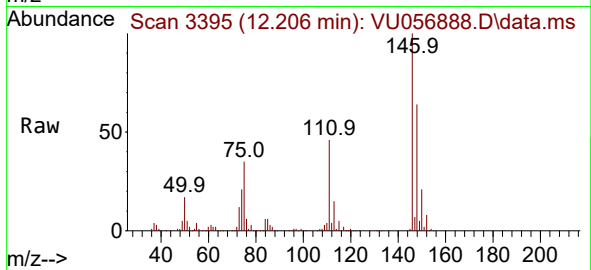
Tgt Ion:146 Resp: 347716
 Ion Ratio Lower Upper
 146 100
 111 42.2 31.2 58.0
 148 63.3 45.6 84.8





#67
 1,2-Dichlorobenzene
 Concen: 10.592 ug/L
 RT: 12.206 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU056888.D
 Acq: 15 Dec 2023 18:49

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J5DL



Tgt Ion:146 Resp: 359947

Ion	Ratio	Lower	Upper
146	100		
111	46.1	36.9	55.3
148	63.8	53.0	79.4

