

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056881.D
 Acq On : 15 Dec 2023 15:58
 Operator : MD/SY
 Sample : 05684-09 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J5

Quant Time: Dec 15 22:26:16 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)

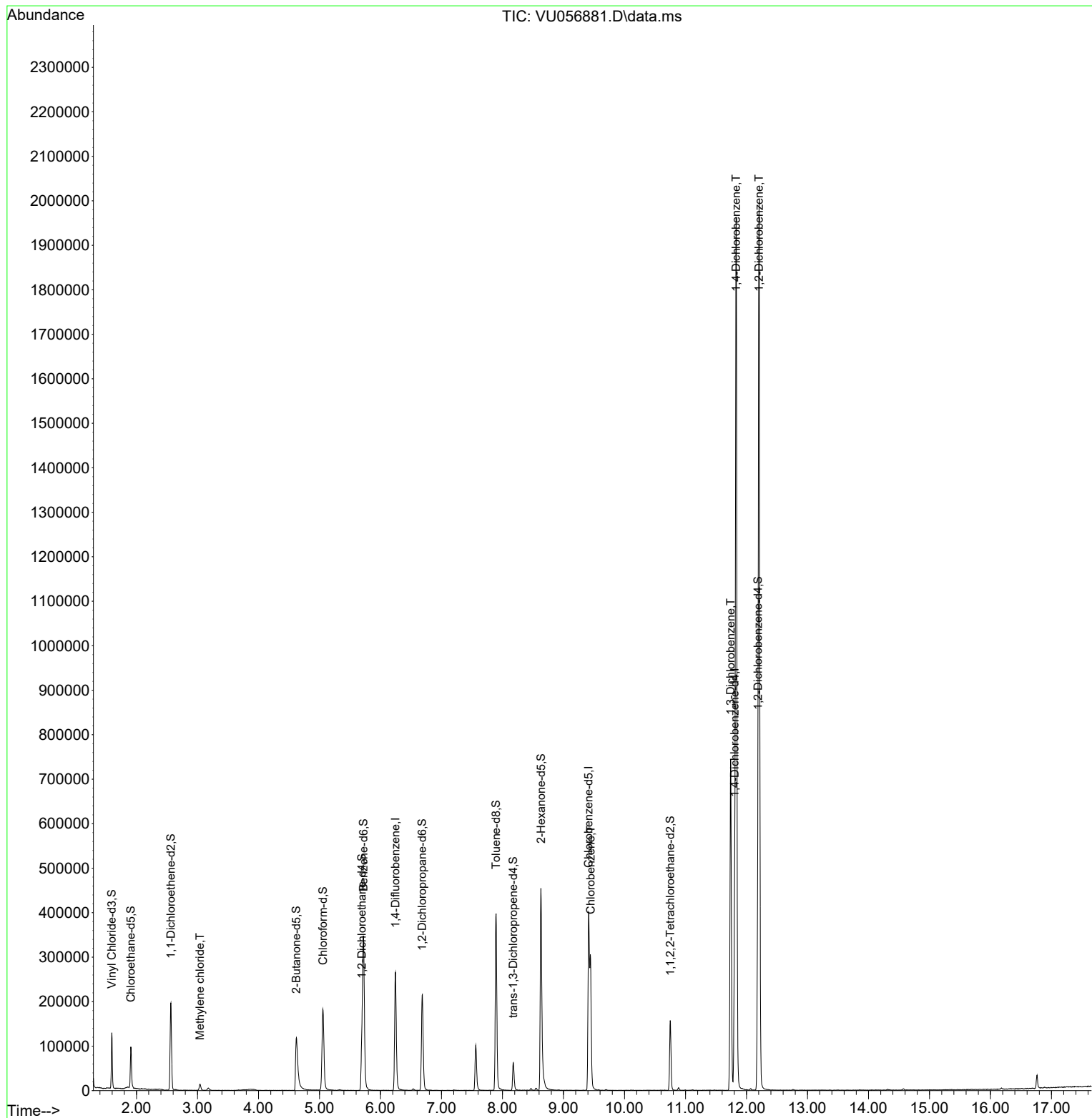
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	212757	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	220402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86403	4.738	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.907	69	68304	5.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.563	65	38433	4.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.621	46	189842	52.712	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.420%
24) Chloroform-d	5.055	84	178050	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.695	65	88057	5.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.721	84	339164	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.682	67	106883	4.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.894	98	269145	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.177	79	37753	4.550	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.631	63	153990	49.204	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	78104	5.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	105816	5.363	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	7136	0.379	ug/L	91
51) Chlorobenzene	9.444	112	156315	3.060	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	300698	8.016	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	756791	20.488	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	755357	22.104	ug/L	99

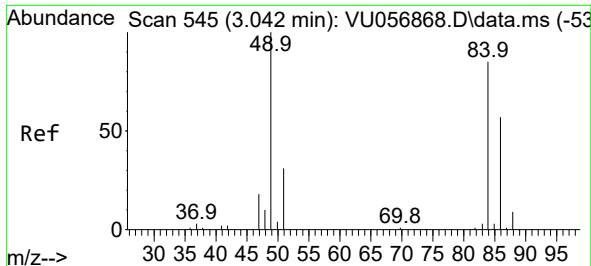
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
Data File : VU056881.D
Acq On : 15 Dec 2023 15:58
Operator : MD/SY
Sample : 05684-09 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E06J5

Quant Time: Dec 15 22:26:16 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

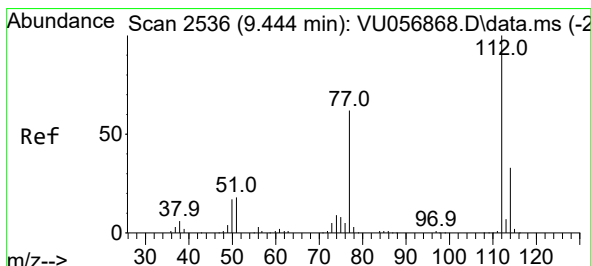
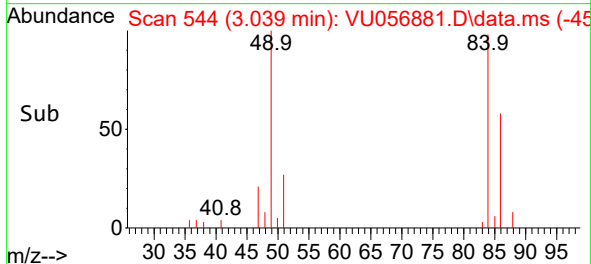
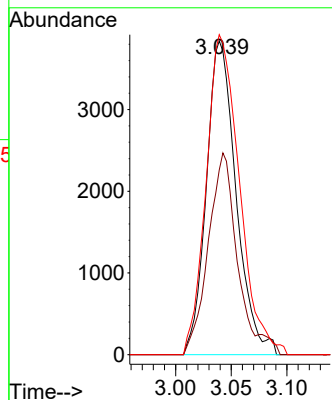
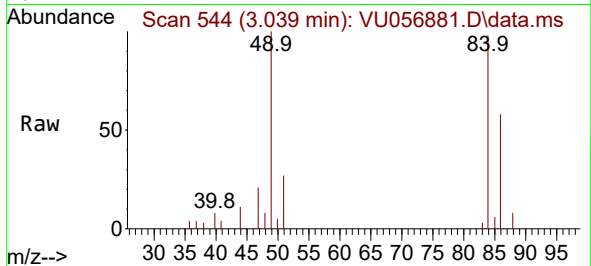




#16
Methylene chloride
Concen: 0.379 ug/L
RT: 3.039 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU056881.D
Acq: 15 Dec 2023 15:58

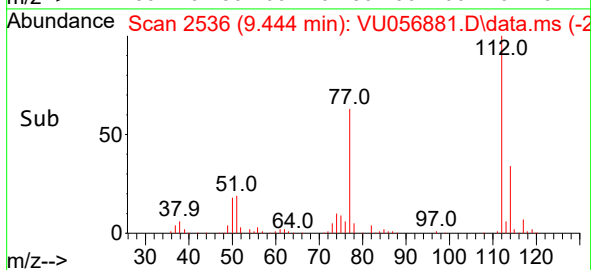
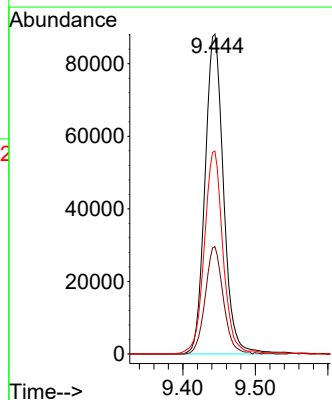
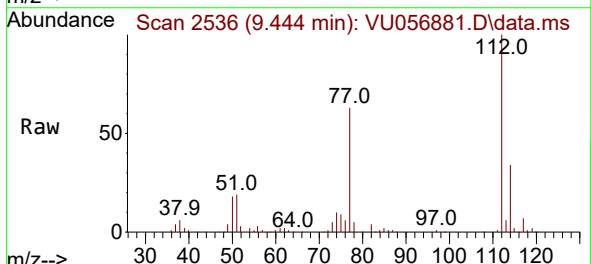
Instrument :
MSVOA_U
ClientSampleId :
E06J5

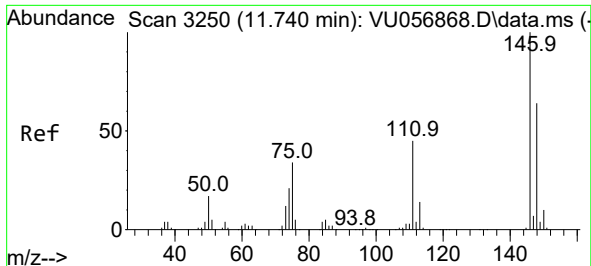
Tgt Ion: 84 Resp: 7136
Ion Ratio Lower Upper
84 100
86 58.8 43.6 81.0
49 102.0 80.6 149.6



#51
Chlorobenzene
Concen: 3.060 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU056881.D
Acq: 15 Dec 2023 15:58

Tgt Ion: 112 Resp: 156315
Ion Ratio Lower Upper
112 100
114 33.6 21.9 40.7
77 63.4 51.6 77.4

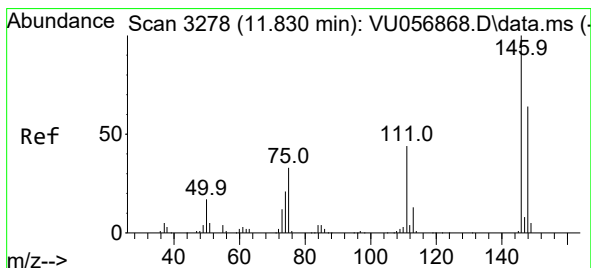
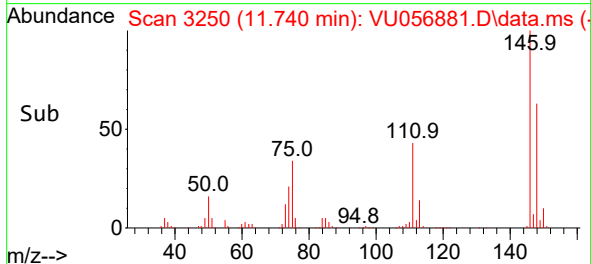
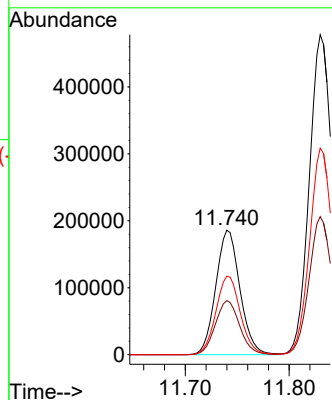
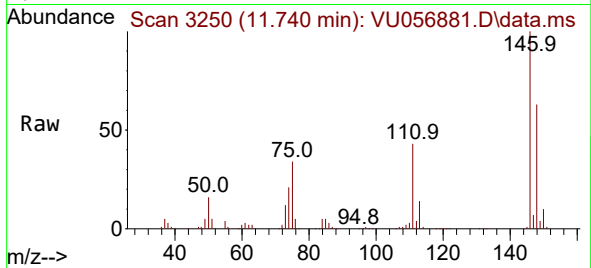




#64
1,3-Dichlorobenzene
Concen: 8.016 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056881.D
Acq: 15 Dec 2023 15:58

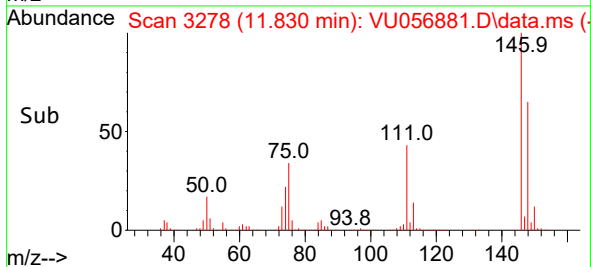
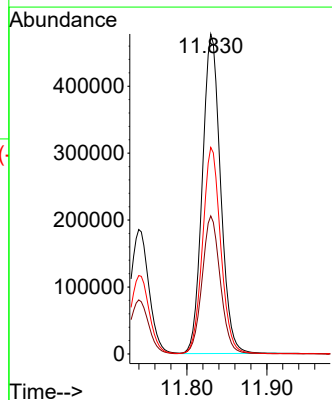
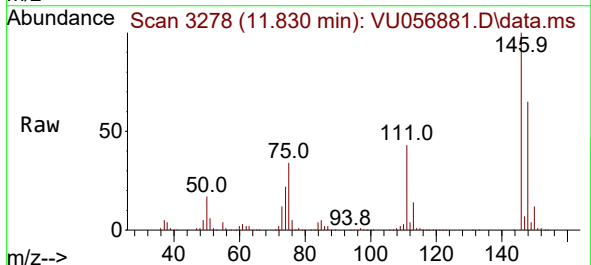
Instrument :
MSVOA_U
ClientSampleId :
E06J5

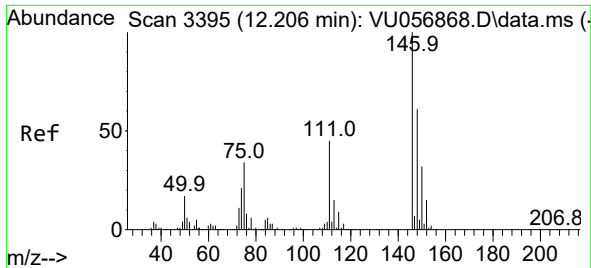
Tgt Ion:146 Resp: 300698
Ion Ratio Lower Upper
146 100
111 43.4 31.7 58.9
148 62.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 20.488 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056881.D
Acq: 15 Dec 2023 15:58

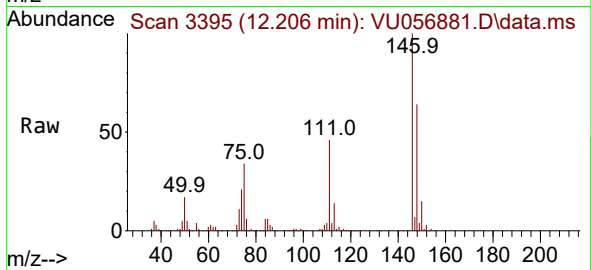
Tgt Ion:146 Resp: 756791
Ion Ratio Lower Upper
146 100
111 43.1 31.2 58.0
148 64.6 45.6 84.8





#67
 1,2-Dichlorobenzene
 Concen: 22.104 ug/L
 RT: 12.206 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU056881.D
 Acq: 15 Dec 2023 15:58

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J5



Tgt Ion:146 Resp: 755357
 Ion Ratio Lower Upper
 146 100
 111 46.4 36.9 55.3
 148 64.5 53.0 79.4

