

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
 Data File : VU059738.D
 Acq On : 02 Jul 2024 14:44
 Operator : MD/SY
 Sample : P3108-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 01:55:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 01:39:57 2024
 Response via : Initial Calibration

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

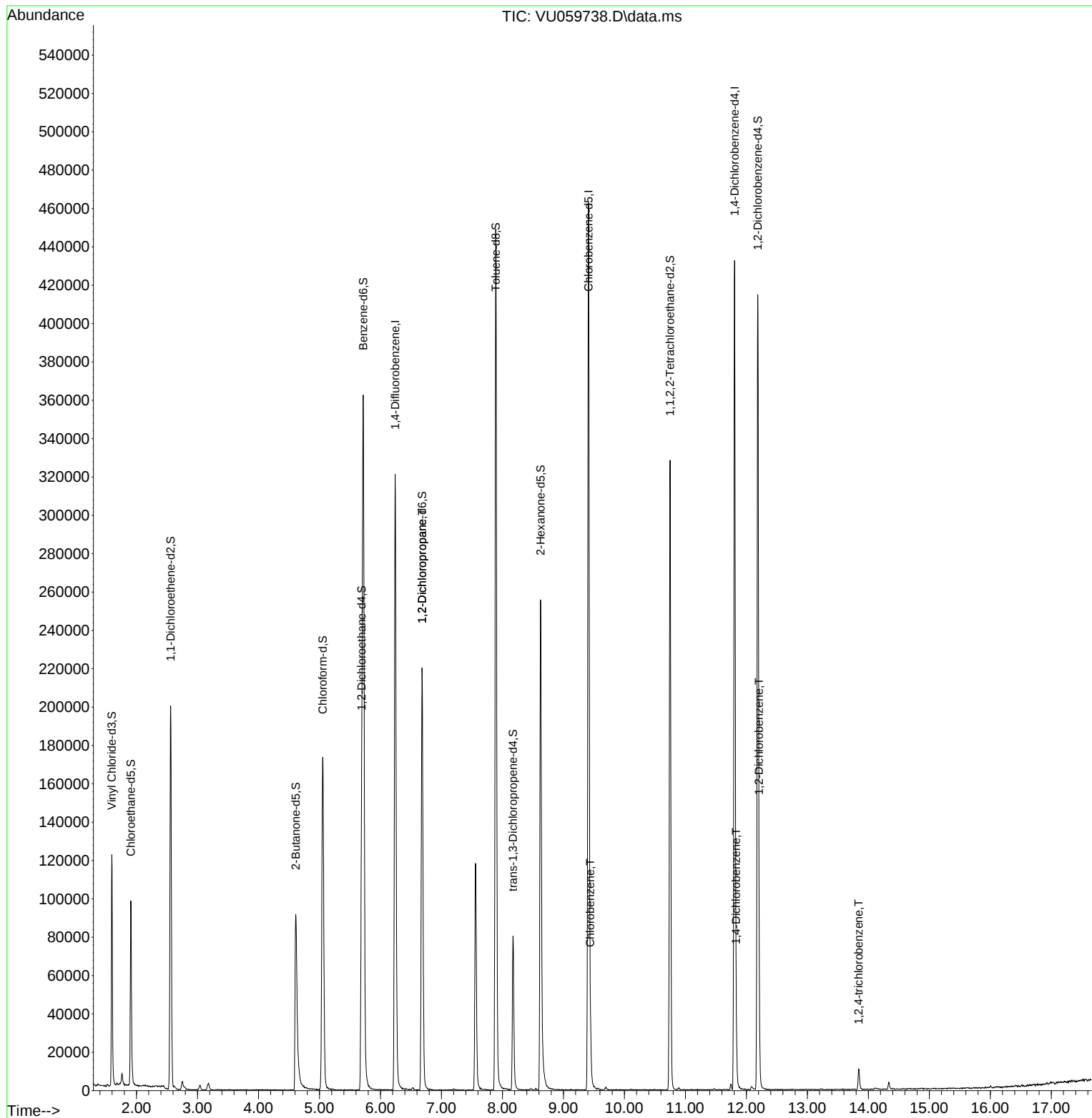
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	276729	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	270333	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	121367	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	90473	50.919	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.840%			
7) Chloroethane-d5	1.907	69	75052	50.219	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.440%			
11) 1,1-Dichloroethene-d2	2.560	63	116945	37.048	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.100%			
21) 2-Butanone-d5	4.611	46	133033	107.737	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.740%			
24) Chloroform-d	5.052	84	166604	48.420	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.840%			
26) 1,2-Dichloroethane-d4	5.692	65	105708	51.669	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.340%			
32) Benzene-d6	5.717	84	346918	50.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.240%			
36) 1,2-Dichloropropane-d6	6.682	67	111088	51.850	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.700%			
41) Toluene-d8	7.891	98	313897	47.682	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.360%			
43) trans-1,3-Dichloroprop...	8.174	79	47767	47.646	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.300%			
47) 2-Hexanone-d5	8.624	63	94914	105.118	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.120%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	166807	50.725	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.460%			
66) 1,2-Dichlorobenzene-d4	12.187	152	117197	52.549	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.100%			
Target Compounds						Qvalue
37) 1,2-Dichloropropane	6.682	63	11618	5.782	ug/L #	91
51) Chlorobenzene	9.441	112	16122	3.047	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	9471	2.497	ug/L	89
67) 1,2-Dichlorobenzene	12.206	146	12438	3.356	ug/L	96
70) 1,2,4-trichlorobenzene	13.843	180	4400	1.845	ug/L	98

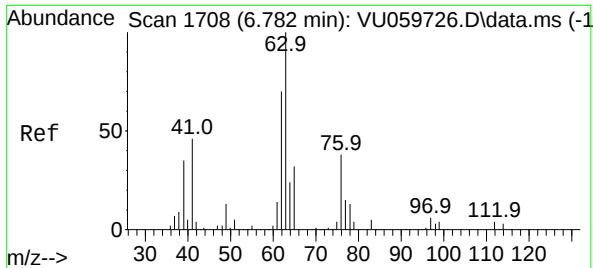
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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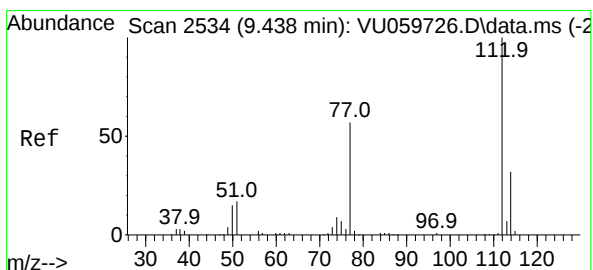
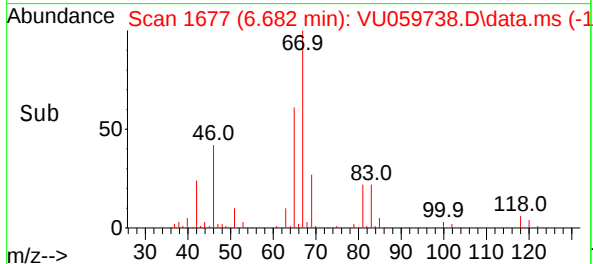
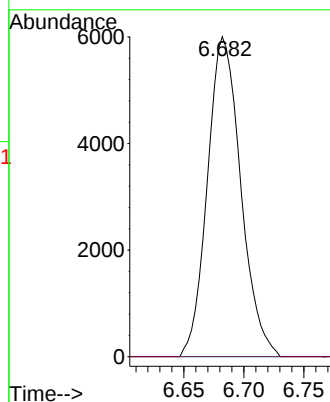
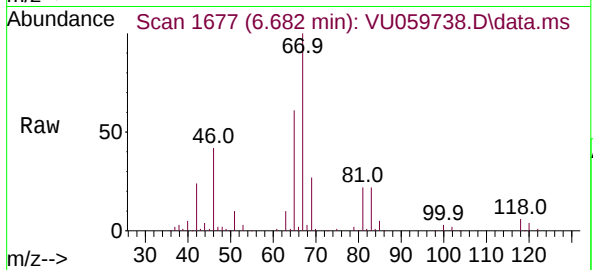




#37
1,2-Dichloropropane
Concen: 5.782 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059738.D
Acq: 02 Jul 2024 14:44

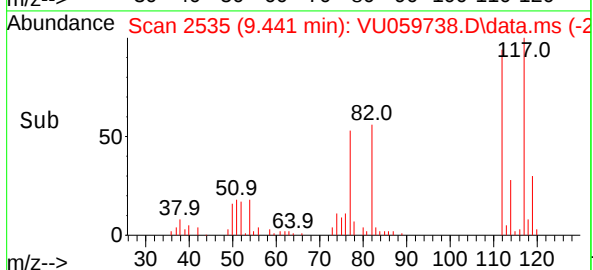
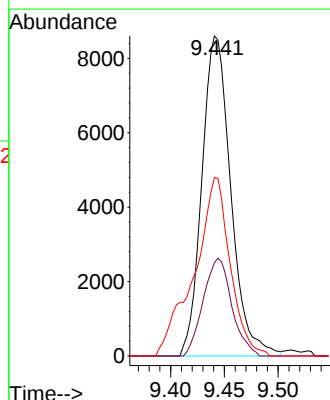
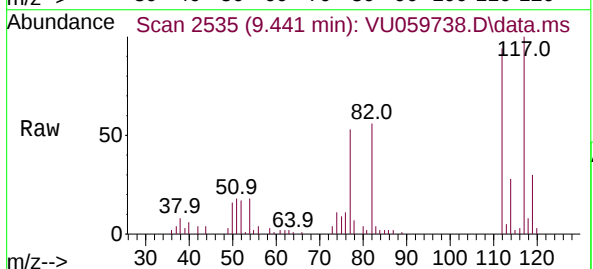
Instrument :
MSVOA_U
ClientSampleId :

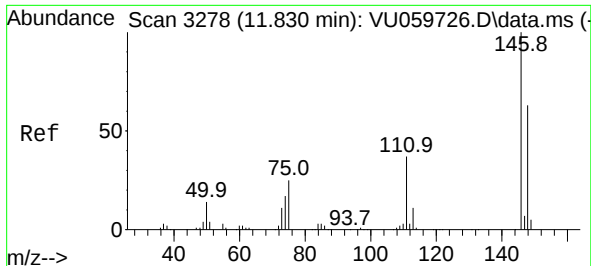
Tgt Ion: 63 Resp: 11618
Ion Ratio Lower Upper
63 100
112 0.7 3.0 4.6#



#51
Chlorobenzene
Concen: 3.047 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU059738.D
Acq: 02 Jul 2024 14:44

Tgt Ion: 112 Resp: 16122
Ion Ratio Lower Upper
112 100
114 29.1 22.7 42.3
77 55.7 45.8 68.6





#65

1,4-Dichlorobenzene

Concen: 2.497 ug/L

RT: 11.833 min Scan# 31

Delta R.T. 0.003 min

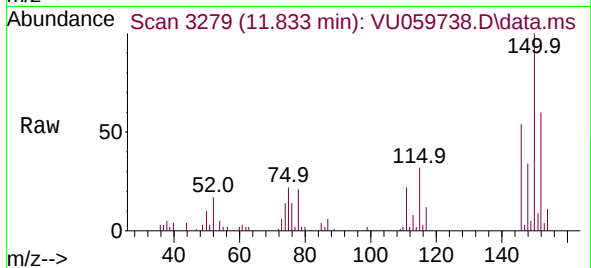
Lab File: VU059738.D

Acq: 02 Jul 2024 14:44

Instrument :

MSVOA_U

ClientSampleId :



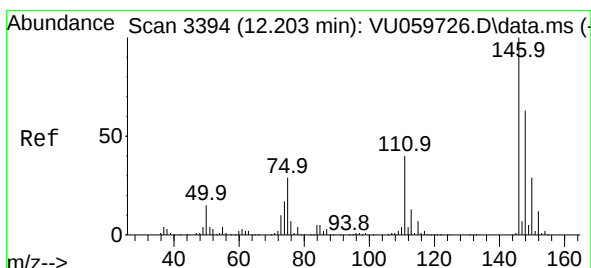
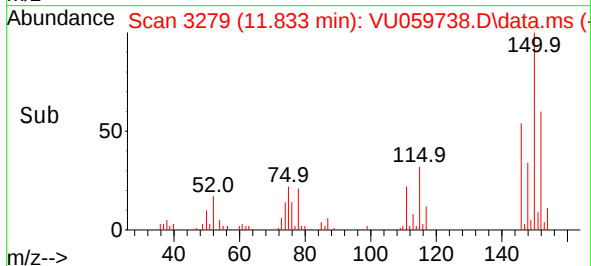
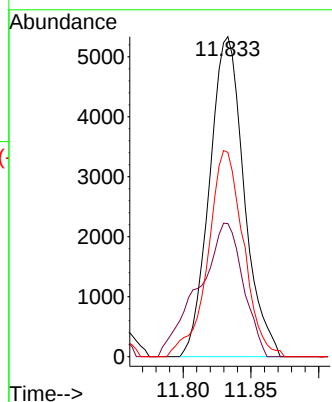
Tgt Ion:146 Resp: 9471

Ion Ratio Lower Upper

146 100

111 41.6 25.9 48.1

148 73.3 44.0 81.8



#67

1,2-Dichlorobenzene

Concen: 3.356 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU059738.D

Acq: 02 Jul 2024 14:44

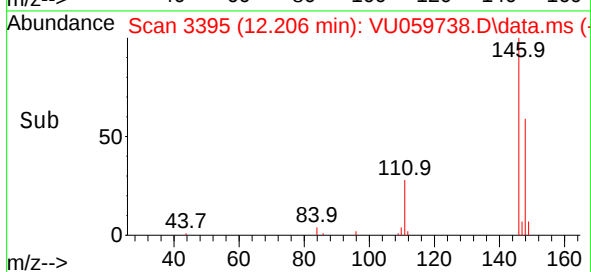
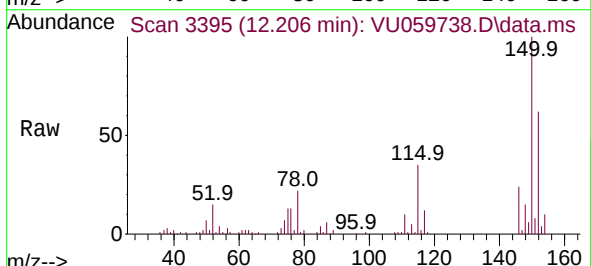
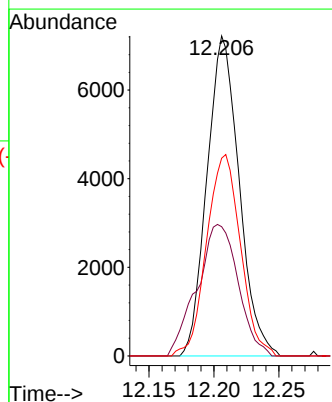
Tgt Ion:146 Resp: 12438

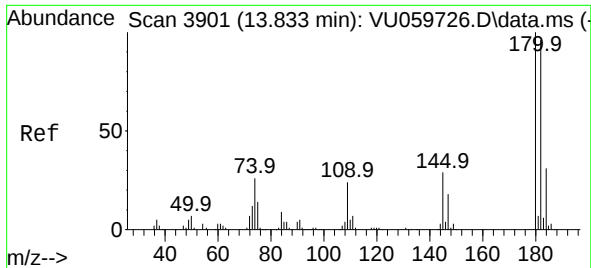
Ion Ratio Lower Upper

146 100

111 44.2 31.7 47.5

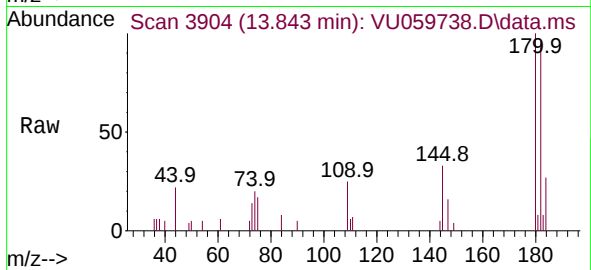
148 61.8 50.8 76.2





#70
1,2,4-trichlorobenzene
Concen: 1.845 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.009 min
Lab File: VU059738.D
Acq: 02 Jul 2024 14:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:180 Resp: 4400
Ion Ratio Lower Upper
180 100
182 92.9 76.4 114.6
145 28.4 23.0 34.4

