

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058407.D
 Acq On : 05 Apr 2024 10:08
 Operator : MD/SY
 Sample : P1925-12DL2 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-9S(20240327)DL2

Quant Time: Apr 05 23:33:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

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

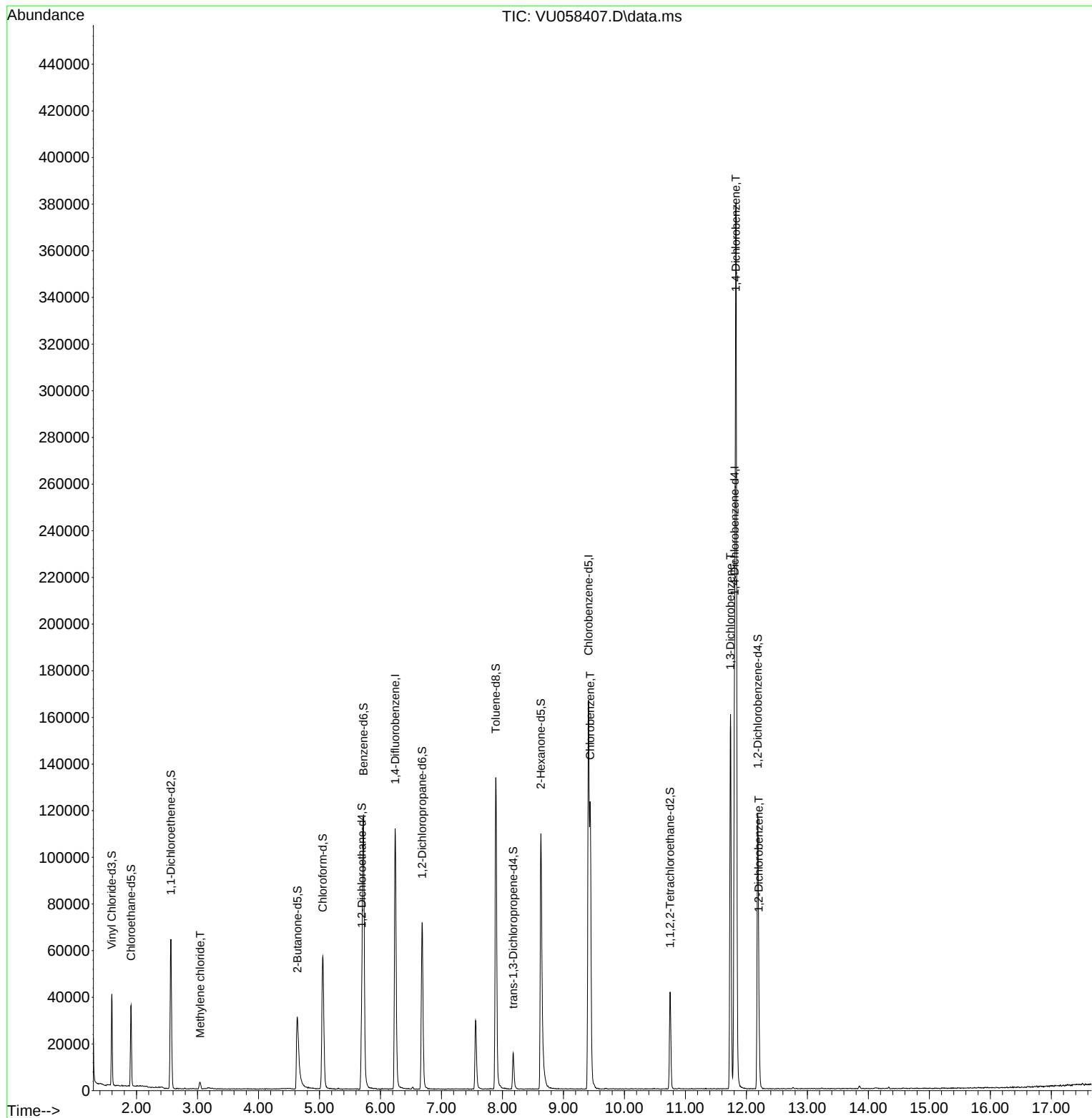
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	89982	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	87288	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	41213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26932	4.521	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.911	69	24339	4.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.563	65	12168	4.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.637	46	56898	45.321	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.640%
24) Chloroform-d	5.055	84	54406	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.695	65	26755	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.721	84	109616	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.685	67	35117	4.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	92537	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.177	79	9801	4.284	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.631	63	40034	42.429	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.860%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21178	4.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	29600	4.264	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
16) Methylene chloride	3.042	84	1501	0.177	ug/L	94
51) Chlorobenzene	9.441	112	60737	3.024	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	62373	4.256	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	142489	9.979	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	6392	0.479	ug/L	97

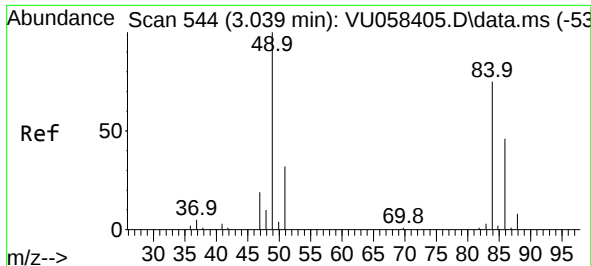
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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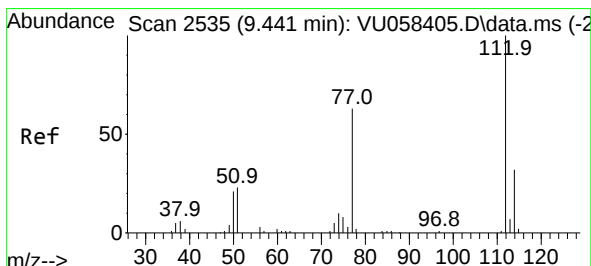
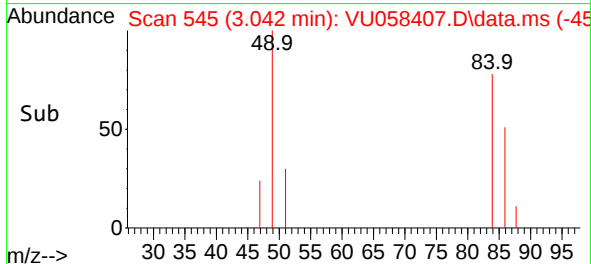
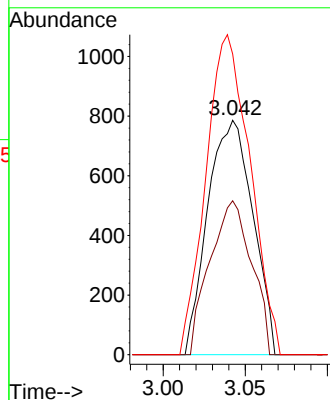
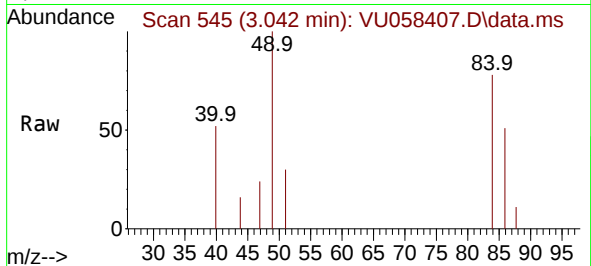




#16
Methylene chloride
Concen: 0.177 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU058407.D
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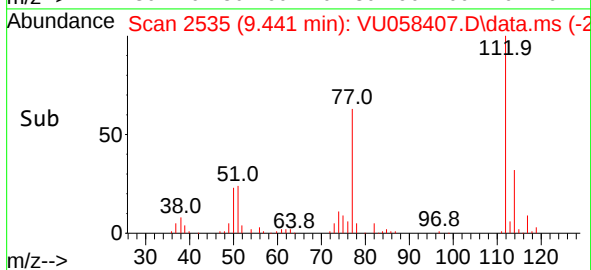
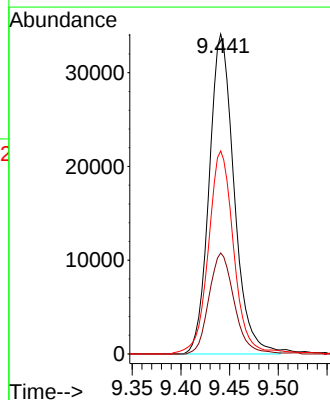
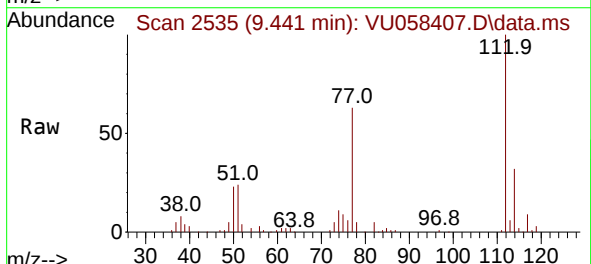
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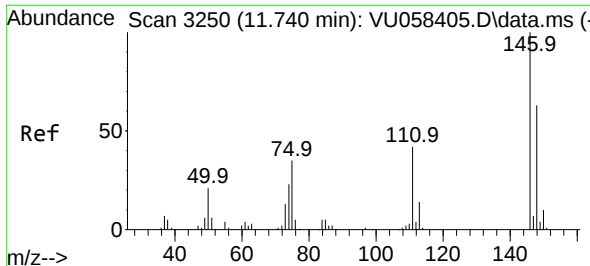
Tgt Ion: 84 Resp: 1501
Ion Ratio Lower Upper
84 100
86 65.6 44.3 82.3
49 128.2 96.0 178.2



#51
Chlorobenzene
Concen: 3.024 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058407.D
Acq: 05 Apr 2024 10:08

Tgt Ion: 112 Resp: 60737
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 63.5 50.1 75.1

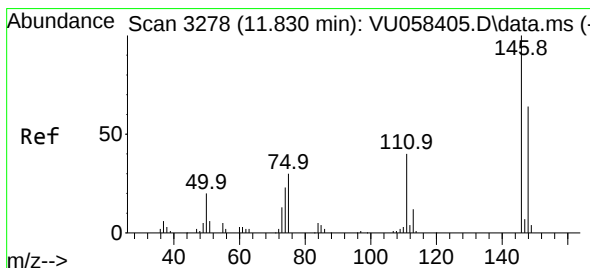
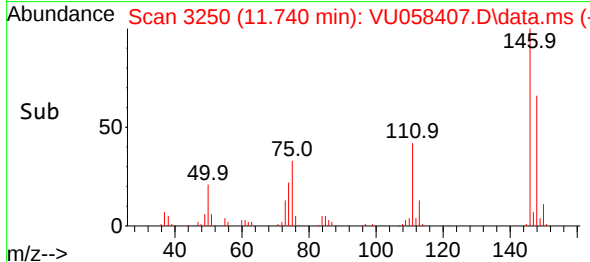
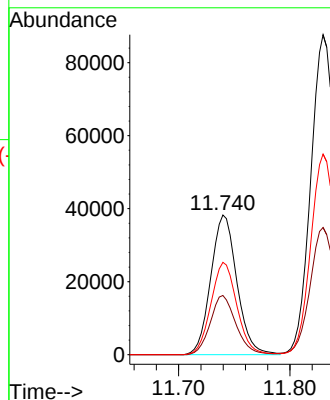
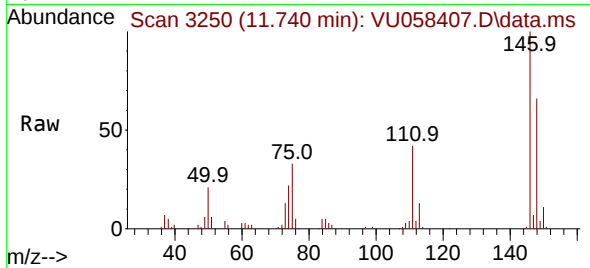




#64
1,3-Dichlorobenzene
Concen: 4.256 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU058407.D
Acq: 05 Apr 2024 10:08

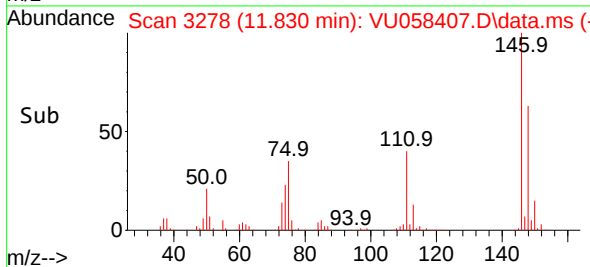
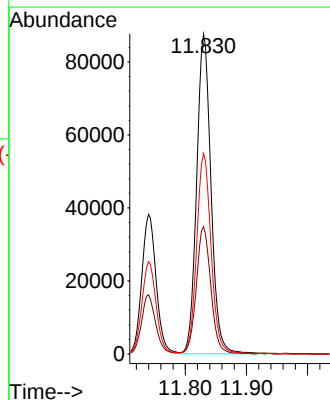
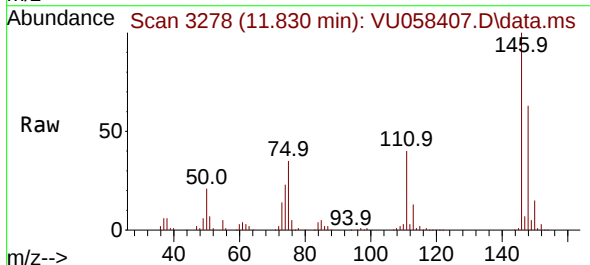
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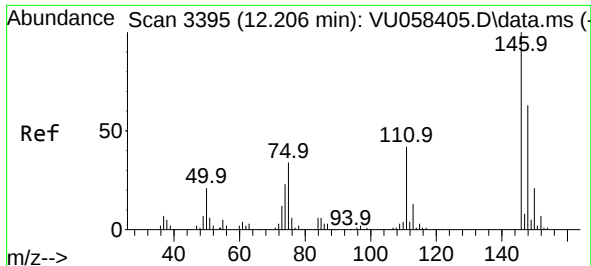
Tgt Ion:146 Resp: 62373
Ion Ratio Lower Upper
146 100
111 42.3 28.8 53.4
148 66.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 9.979 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058407.D
Acq: 05 Apr 2024 10:08

Tgt Ion:146 Resp: 142489
Ion Ratio Lower Upper
146 100
111 39.8 28.8 53.6
148 62.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 0.479 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU058407.D

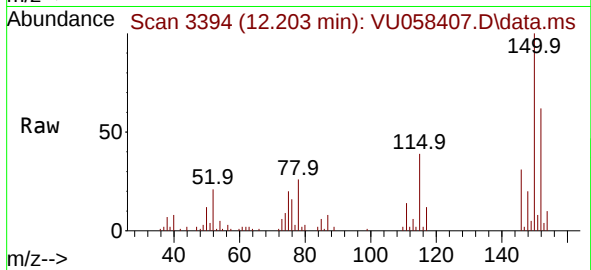
Acq: 05 Apr 2024 10:08

Instrument :

MSVOA_U

ClientSampleId :

PMW-9S(20240327)DL2



Tgt Ion:146 Resp: 6392

Ion Ratio Lower Upper

146 100

111 46.4 35.0 52.4

148 64.3 52.5 78.7

