

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058385.D
 Acq On : 04 Apr 2024 23:10
 Operator : MD/SY
 Sample : P1925-16 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-7S(20240328)

Quant Time: Apr 05 00:05:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

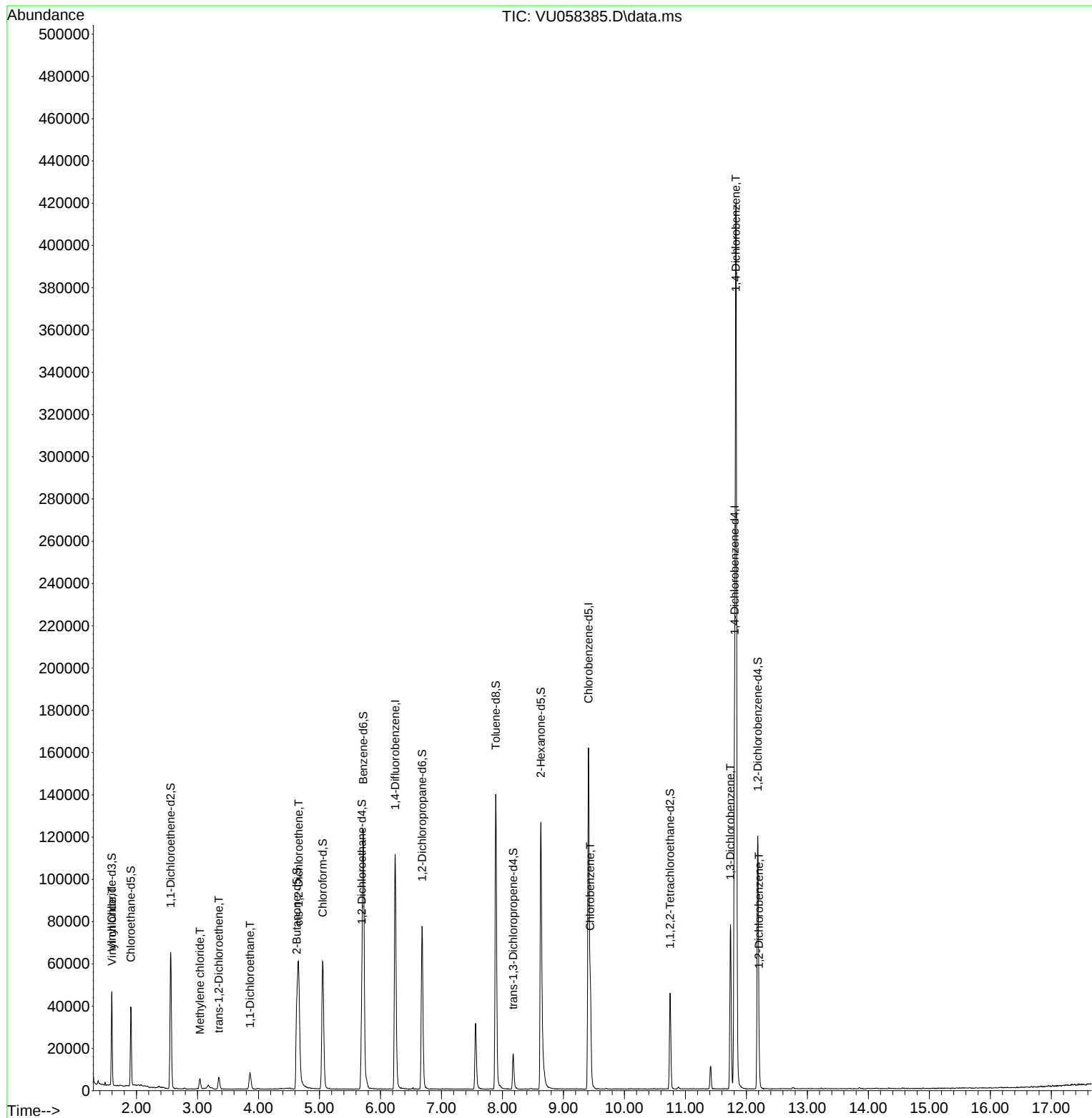
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	88955	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	85646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28169	4.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.907	69	25015	4.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.560	65	12624	4.736	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.627	46	62658	50.485	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.960%
24) Chloroform-d	5.052	84	56938	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.695	65	28514	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.717	84	113764	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.682	67	36826	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.891	98	93074	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.177	79	10045	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.631	63	43965	47.488	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22763	4.459	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	30600	4.794	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	2120	0.234	ug/L	# 79
16) Methylene chloride	3.039	84	2214	0.265	ug/L	96
18) trans-1,2-Dichloroethene	3.351	96	2349	0.356	ug/L	97
19) 1,1-Dichloroethane	3.862	63	9660	0.670	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	22956	3.094	ug/L	97
51) Chlorobenzene	9.441	112	24702	1.254	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	30834	2.288	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	157607	12.004	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	2522	0.206	ug/L	94

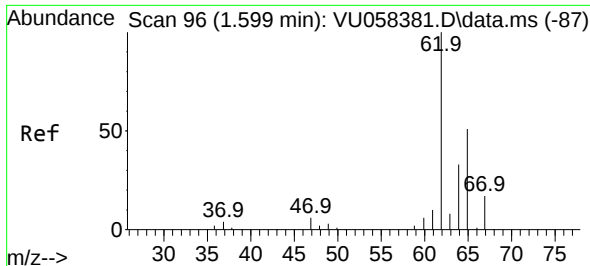
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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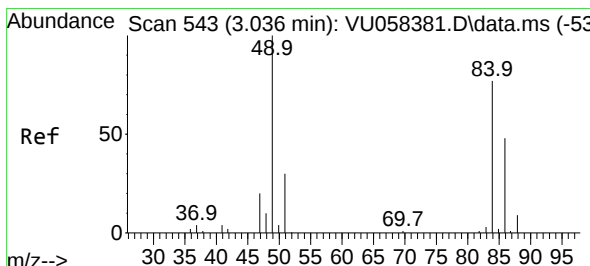
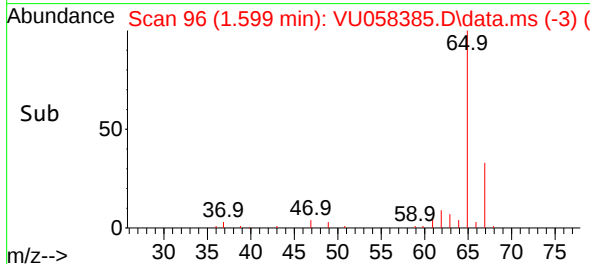
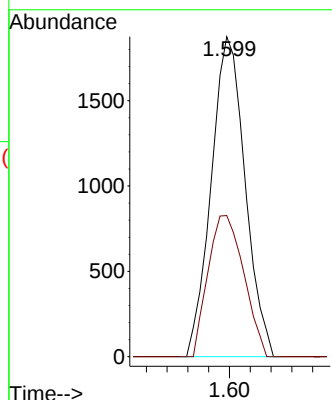
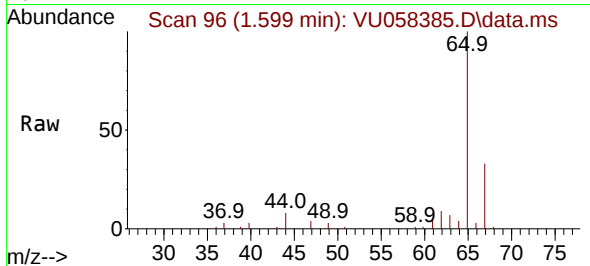




#5
 Vinyl chloride
 Concen: 0.234 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU058385.D
 Acq: 04 Apr 2024 23:10

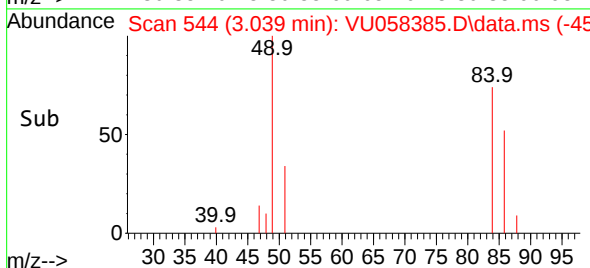
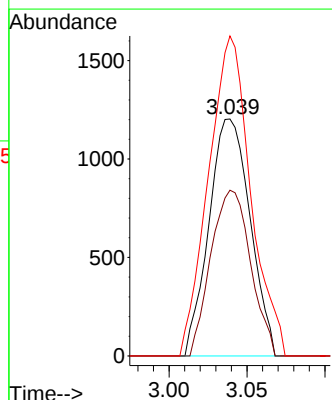
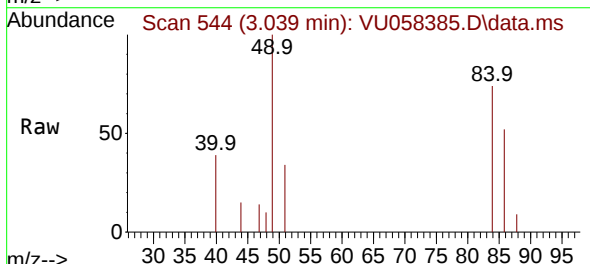
Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-7S(20240328)

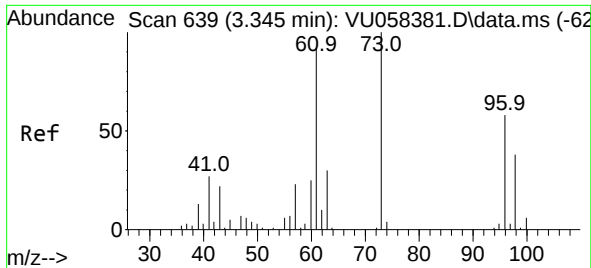
Tgt Ion: 62 Resp: 2120
 Ion Ratio Lower Upper
 62 100
 64 44.1 22.6 42.0#



#16
 Methylene chloride
 Concen: 0.265 ug/L
 RT: 3.039 min Scan# 544
 Delta R.T. 0.003 min
 Lab File: VU058385.D
 Acq: 04 Apr 2024 23:10

Tgt Ion: 84 Resp: 2214
 Ion Ratio Lower Upper
 84 100
 86 70.0 44.3 82.3
 49 135.1 96.0 178.2

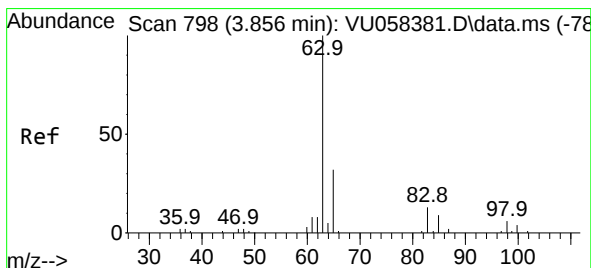
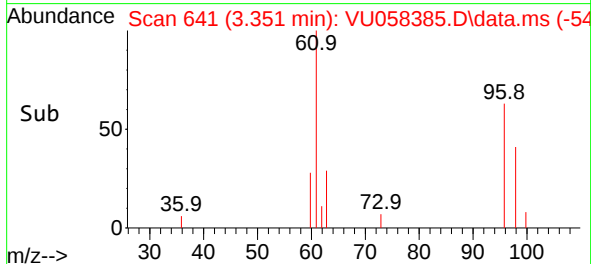
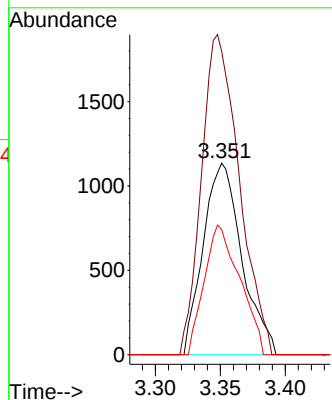
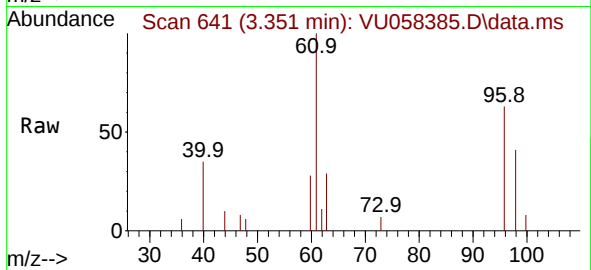




#18
trans-1,2-Dichloroethene
Concen: 0.356 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU058385.D
Acq: 04 Apr 2024 23:10

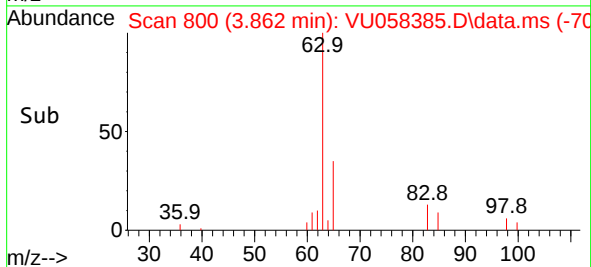
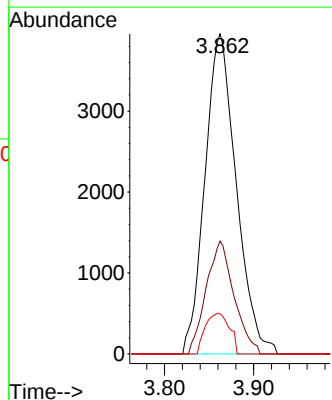
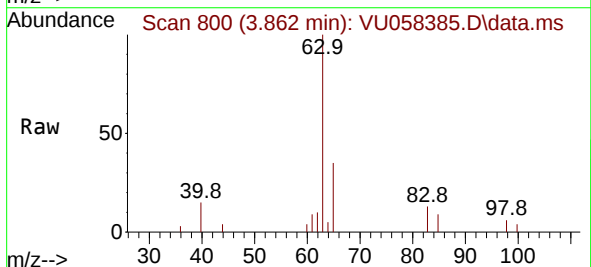
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PMW-7S(20240328)

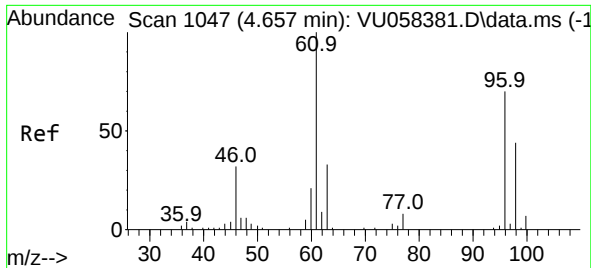
Tgt Ion: 96 Resp: 2349
Ion Ratio Lower Upper
96 100
61 158.5 107.6 199.8
98 65.5 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.670 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.006 min
Lab File: VU058385.D
Acq: 04 Apr 2024 23:10

Tgt Ion: 63 Resp: 9660
Ion Ratio Lower Upper
63 100
65 35.3 22.9 42.5
83 12.5 9.6 17.8

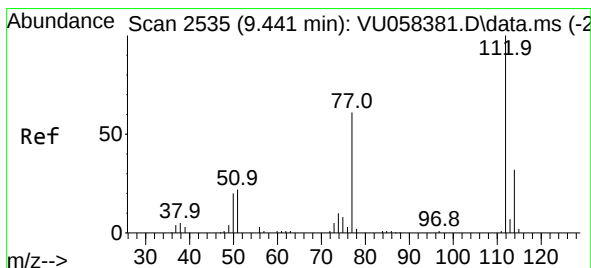
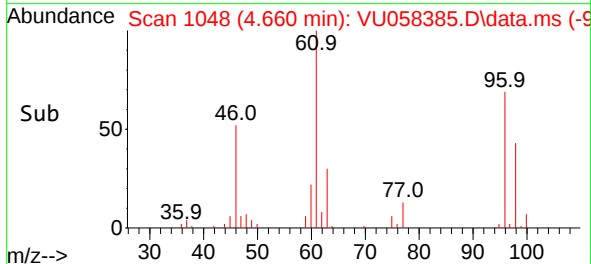
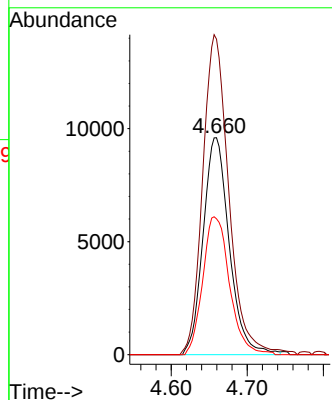
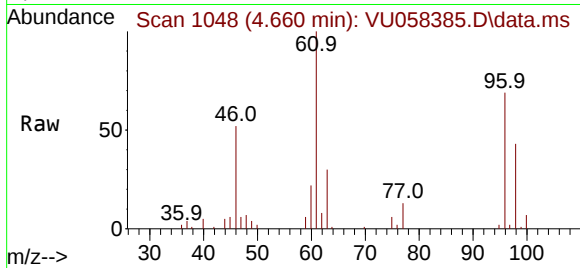




#22
 cis-1,2-Dichloroethene
 Concen: 3.094 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU058385.D
 Acq: 04 Apr 2024 23:10

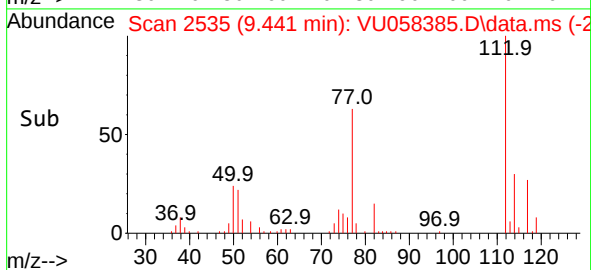
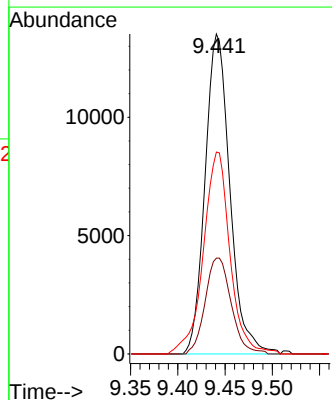
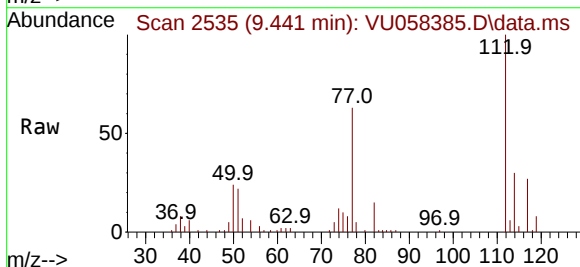
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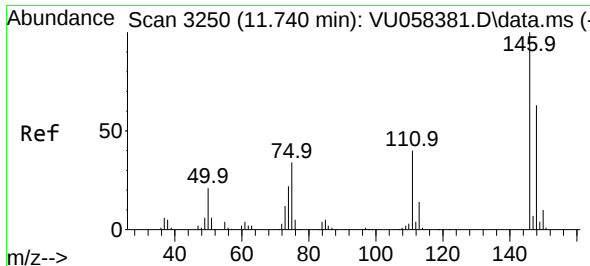
Tgt Ion: 96 Resp: 22956
 Ion Ratio Lower Upper
 96 100
 61 145.5 98.1 182.3
 98 62.6 43.6 81.0



#51
 Chlorobenzene
 Concen: 1.254 ug/L
 RT: 9.441 min Scan# 2535
 Delta R.T. -0.000 min
 Lab File: VU058385.D
 Acq: 04 Apr 2024 23:10

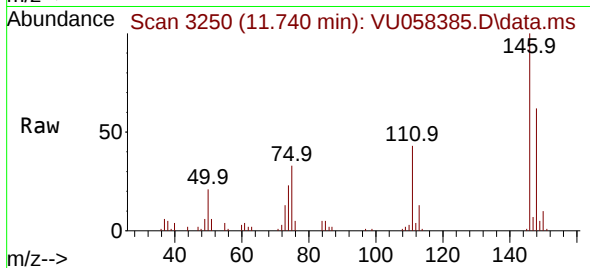
Tgt Ion: 112 Resp: 24702
 Ion Ratio Lower Upper
 112 100
 114 30.0 22.4 41.6
 77 63.1 50.1 75.1



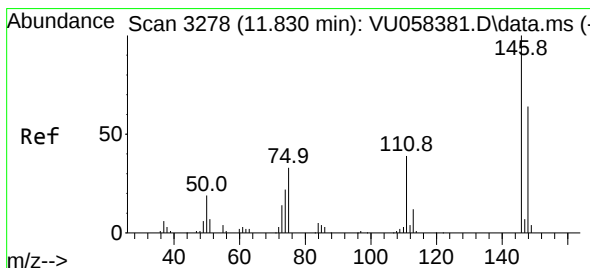
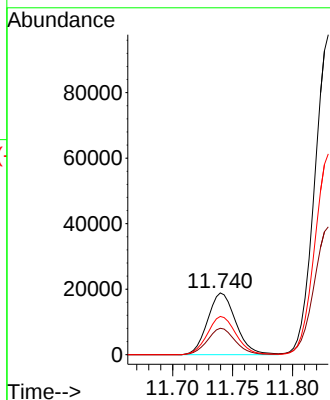
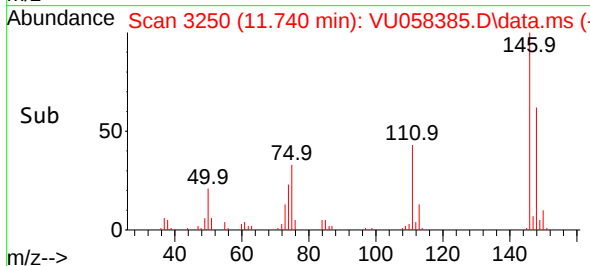


#64
1,3-Dichlorobenzene
Concen: 2.288 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU058385.D
Acq: 04 Apr 2024 23:10

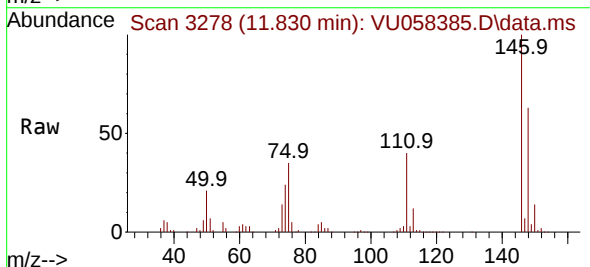
Instrument :
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ClientSampleId :
PMW-7S(20240328)



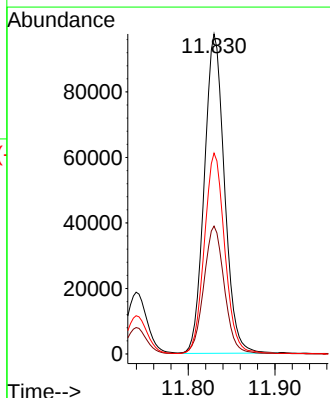
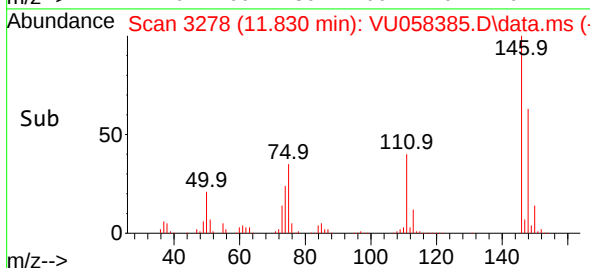
Tgt Ion:146 Resp: 30834
Ion Ratio Lower Upper
146 100
111 42.9 28.8 53.4
148 61.8 44.9 83.3

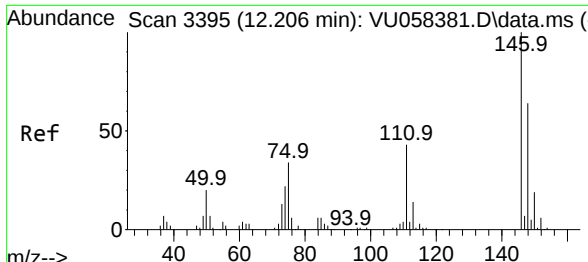


#65
1,4-Dichlorobenzene
Concen: 12.004 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058385.D
Acq: 04 Apr 2024 23:10



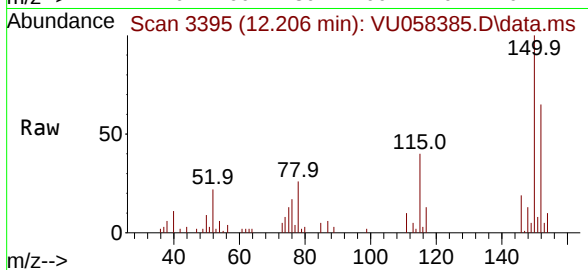
Tgt Ion:146 Resp: 157607
Ion Ratio Lower Upper
146 100
111 40.0 28.8 53.6
148 62.7 45.3 84.1





#67
 1,2-Dichlorobenzene
 Concen: 0.206 ug/L
 RT: 12.206 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU058385.D
 Acq: 04 Apr 2024 23:10

Instrument :
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 ClientSampleId :
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Tgt Ion:	146	Resp:	2522
Ion	Ratio	Lower	Upper
146	100		
111	50.3	35.0	52.4
148	68.5	52.5	78.7

