

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039106.D
 Acq On : 16 Sep 2025 14:54
 Operator : SY/MD
 Sample : Q3084-04DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-8S(20250909)DL

Quant Time: Sep 17 02:24:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 17 02:19:46 2025
 Response via : Initial Calibration

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

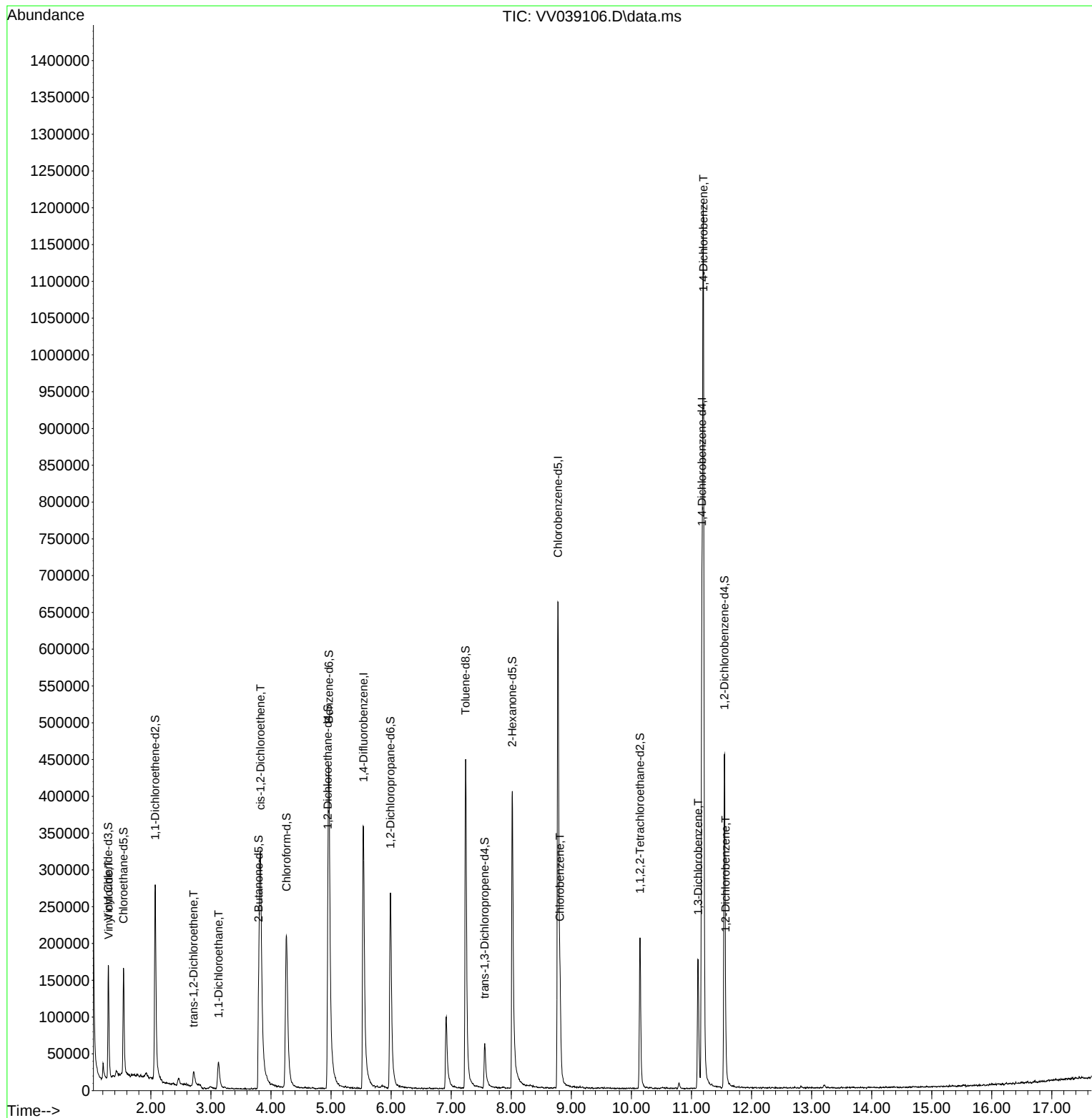
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	360702	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	385269	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	147244	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	117509	4.131	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.600%	
7) Chloroethane-d5	1.545	69	119622	4.852	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.000%	
11) 1,1-Dichloroethene-d2	2.073	65	56411	4.162	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.200%	
20) 2-Butanone-d5	3.796	46	197864	46.828	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.660%	
24) Chloroform-d	4.256	84	254166	4.600	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	4.947	65	116794	5.020	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	4.963	84	452017	4.288	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	5.989	67	148030	4.698	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.000%	
41) Toluene-d8	7.240	98	337951	3.581	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.600%	
43) trans-1,3-Dichloroprop...	7.558	79	43944	3.813	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.200%	
46) 2-Hexanone-d5	8.018	63	154006	41.274	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.540%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	108687	4.831	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	11.551	152	120504	5.084	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
5) Vinyl chloride	1.298	62	13927	0.353	ug/L #	34
18) trans-1,2-Dichloroethene	2.712	96	7805	0.259	ug/L	79
19) 1,1-Dichloroethane	3.127	63	43913	0.794	ug/L	94
22) cis-1,2-Dichloroethene	3.825	96	186721	6.346	ug/L	98
51) Chlorobenzene	8.812	112	83281	1.021	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	74329	1.547	ug/L	95
65) 1,4-Dichlorobenzene	11.198	146	477428	9.603	ug/L	97
67) 1,2-Dichlorobenzene	11.567	146	7690	0.181	ug/L #	85

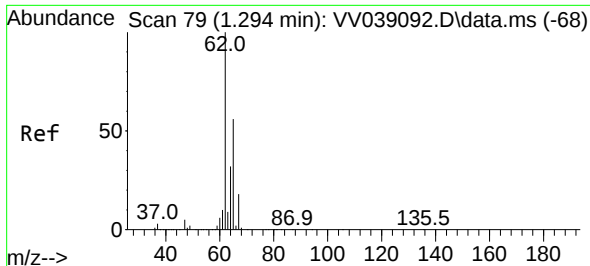
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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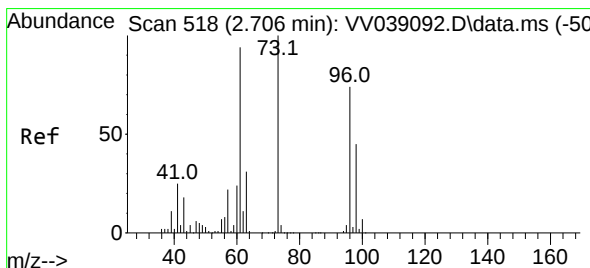
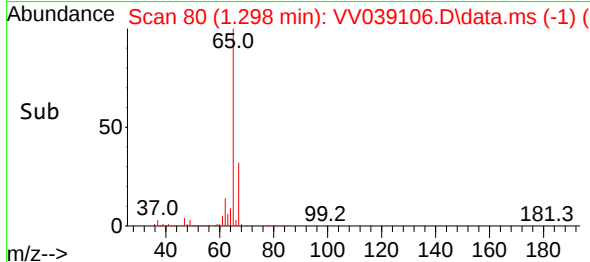
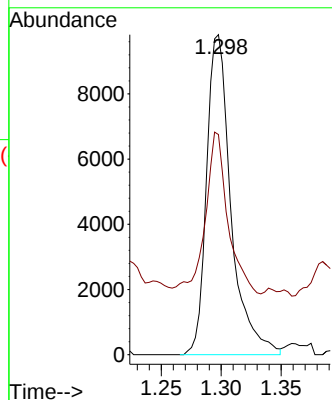
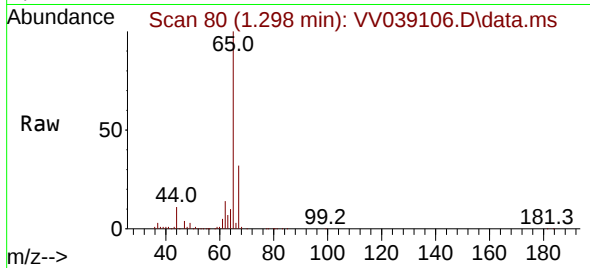




#5
 Vinyl chloride
 Concen: 0.353 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV039106.D
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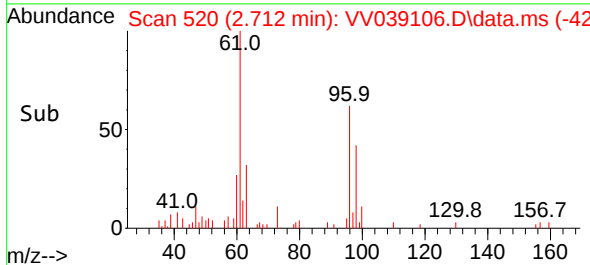
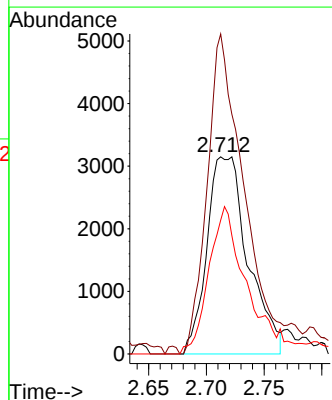
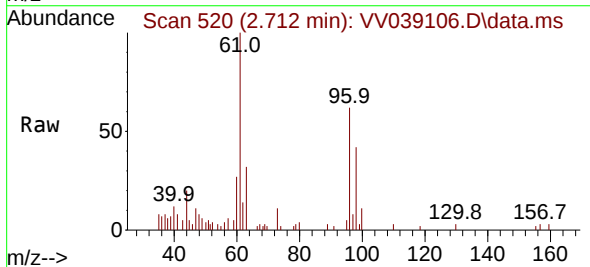
Instrument :
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 PMW-8S(20250909)DL

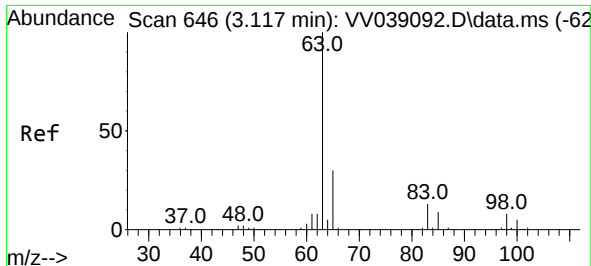
Tgt Ion: 62 Resp: 13927
 Ion Ratio Lower Upper
 62 100
 64 68.8 22.4 41.6#



#18
 trans-1,2-Dichloroethene
 Concen: 0.259 ug/L
 RT: 2.712 min Scan# 520
 Delta R.T. 0.007 min
 Lab File: VV039106.D
 Acq: 16 Sep 2025 14:54

Tgt Ion: 96 Resp: 7805
 Ion Ratio Lower Upper
 96 100
 61 162.3 89.7 166.5
 98 67.9 44.9 83.3

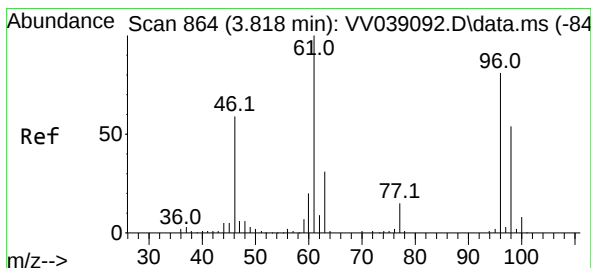
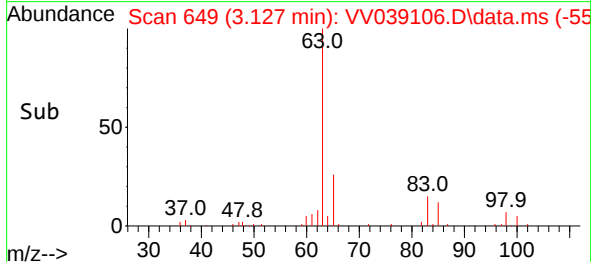
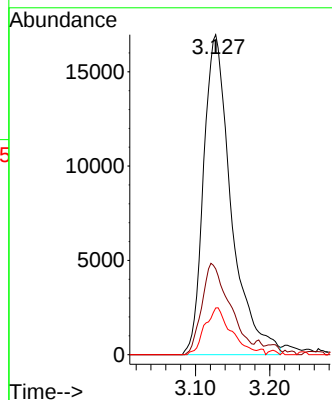
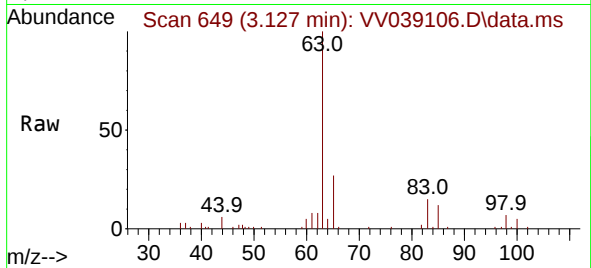




#19
1,1-Dichloroethane
Concen: 0.794 ug/L
RT: 3.127 min Scan# 649
Delta R.T. 0.010 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

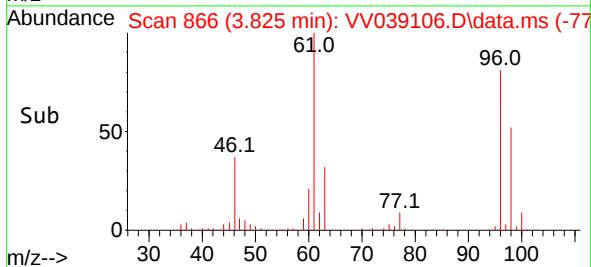
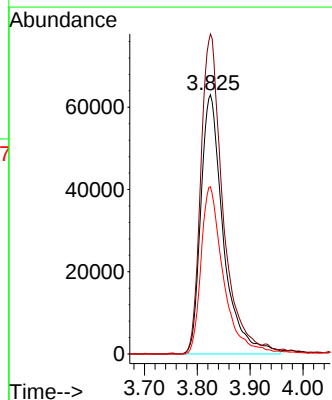
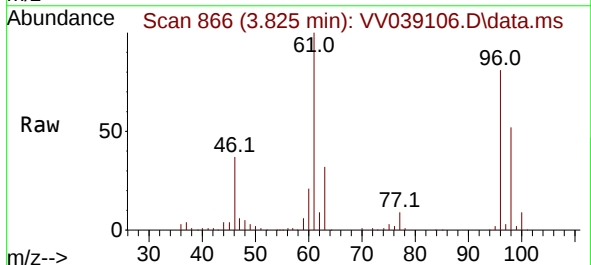
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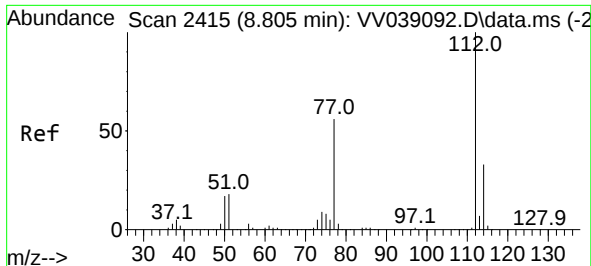
Tgt Ion: 63 Resp: 43913
Ion Ratio Lower Upper
63 100
65 26.8 21.5 39.9
83 14.6 9.2 17.2



#22
cis-1,2-Dichloroethene
Concen: 6.346 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.007 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

Tgt Ion: 96 Resp: 186721
Ion Ratio Lower Upper
96 100
61 123.5 85.4 158.6
98 64.5 46.6 86.6

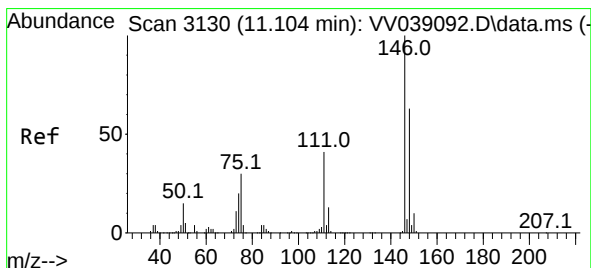
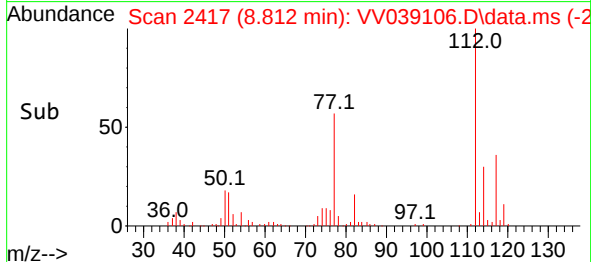
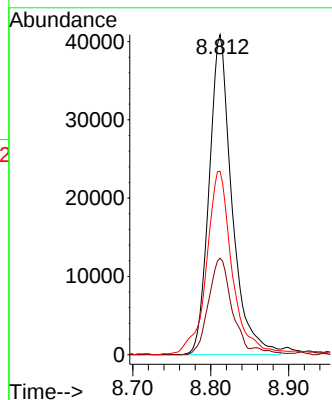
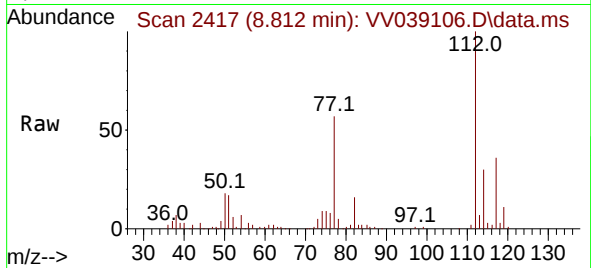




#51
Chlorobenzene
Concen: 1.021 ug/L
RT: 8.812 min Scan# 2415
Delta R.T. 0.007 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

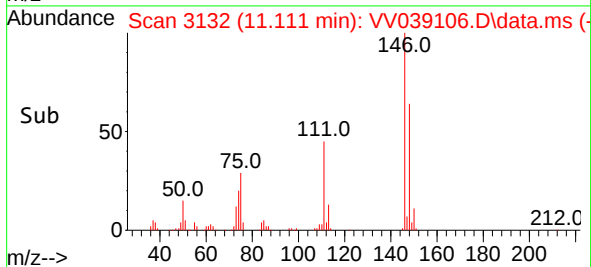
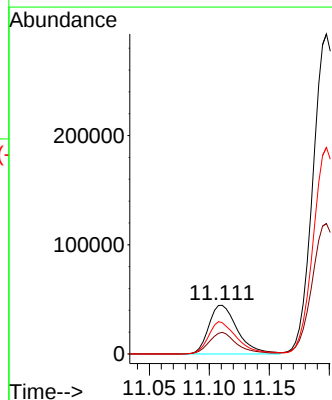
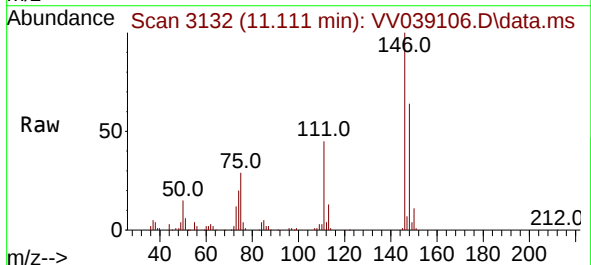
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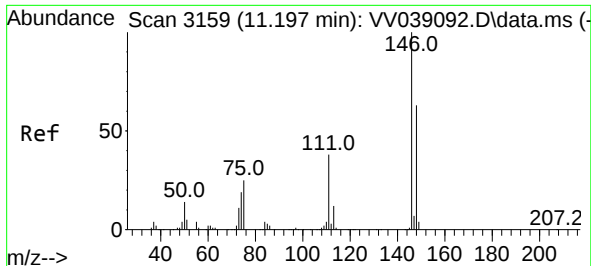
Tgt Ion:112 Resp: 83281
Ion Ratio Lower Upper
112 100
114 30.2 23.0 42.6
77 57.3 46.6 69.8



#64
1,3-Dichlorobenzene
Concen: 1.547 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.007 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

Tgt Ion:146 Resp: 74329
Ion Ratio Lower Upper
146 100
111 44.5 28.3 52.7
148 64.0 42.9 79.7

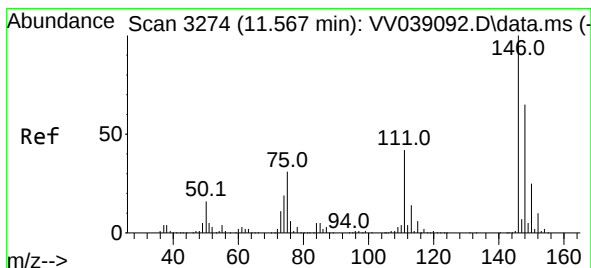
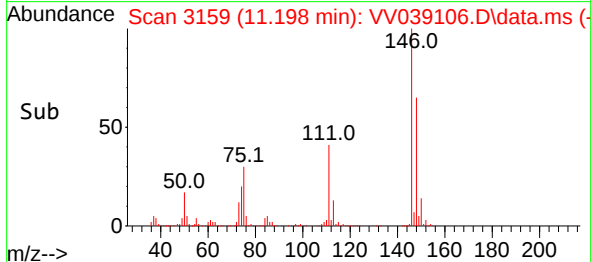
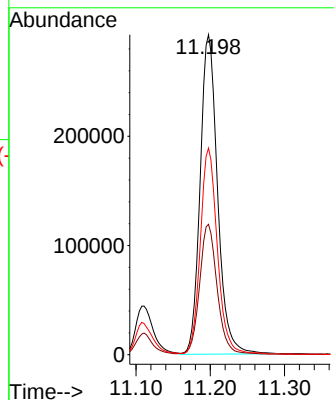
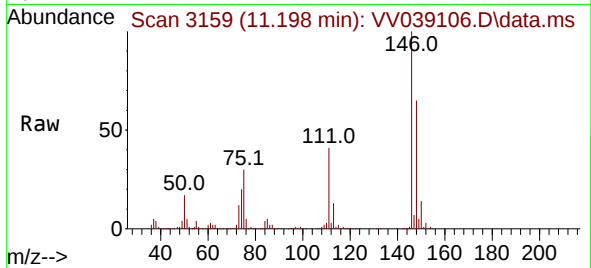




#65
1,4-Dichlorobenzene
Concen: 9.603 ug/L
RT: 11.198 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

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Tgt Ion:146 Resp: 477428
Ion Ratio Lower Upper
146 100
111 40.7 27.2 50.6
148 64.6 43.8 81.4



#67
1,2-Dichlorobenzene
Concen: 0.181 ug/L
RT: 11.567 min Scan# 3274
Delta R.T. 0.000 min
Lab File: VV039106.D
Acq: 16 Sep 2025 14:54

Tgt Ion:146 Resp: 7690
Ion Ratio Lower Upper
146 100
111 57.0 33.4 50.2#
148 70.5 51.1 76.7

