

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039111.D
 Acq On : 16 Sep 2025 16:42
 Operator : SY/MD
 Sample : Q3084-09DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-7D(20250910)DL

Quant Time: Sep 17 02:25:30 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)

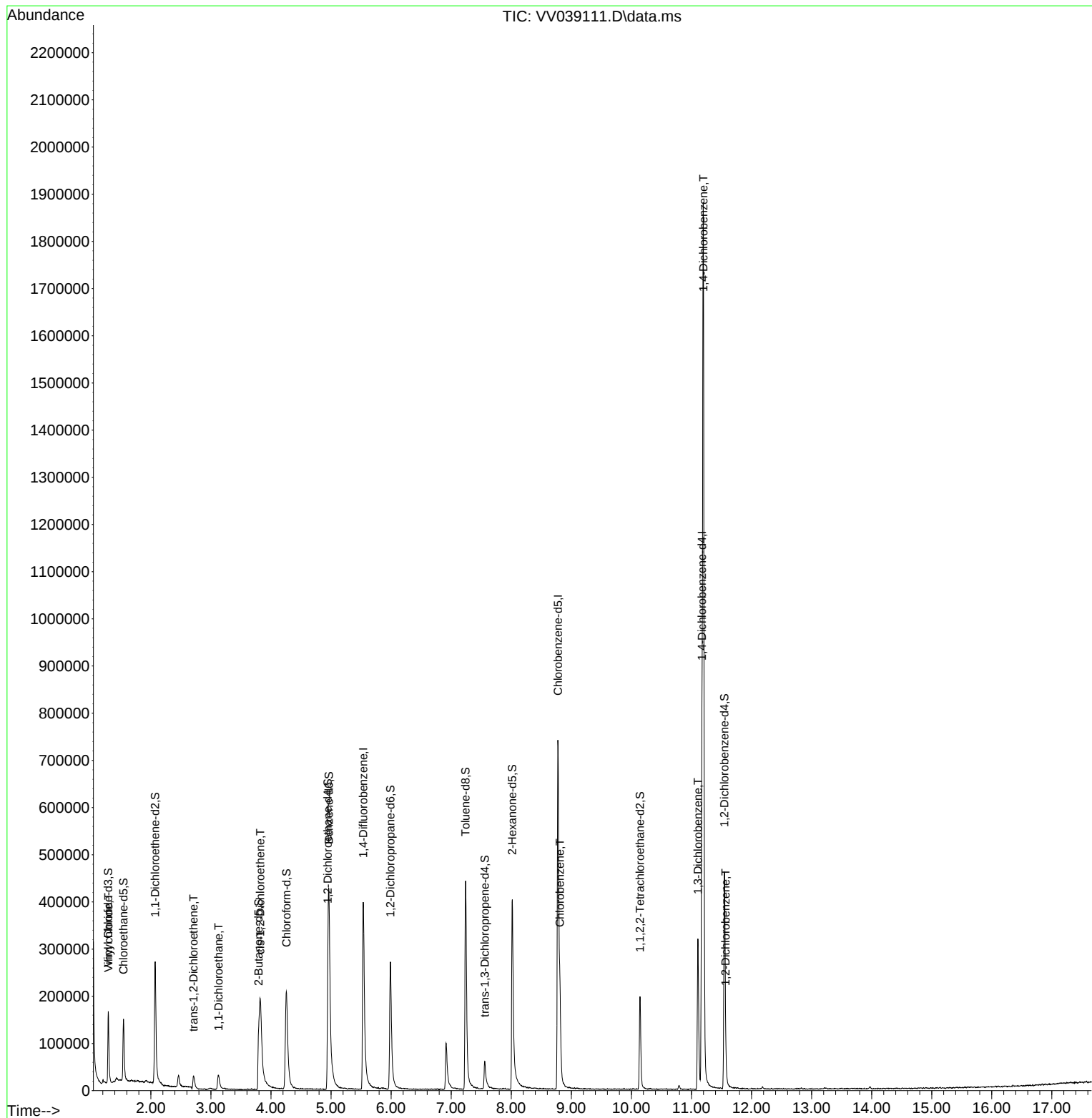
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	402257	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	414478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	169199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	118780	3.744	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.545	69	110419	4.016	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.400%	
11) 1,1-Dichloroethene-d2	2.072	65	53328	3.528	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.600%	
20) 2-Butanone-d5	3.793	46	201162	42.690	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.380%	
24) Chloroform-d	4.256	84	259463	4.211	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
26) 1,2-Dichloroethane-d4	4.947	65	112358	4.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
32) Benzene-d6	4.963	84	441635	3.894	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.800%	
36) 1,2-Dichloropropane-d6	5.989	67	148236	4.373	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.239	98	334746	3.297	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.000%#	
43) trans-1,3-Dichloroprop...	7.561	79	42104	3.396	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.000%	
46) 2-Hexanone-d5	8.017	63	153584	38.260	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.520%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	104276	4.308	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.200%	
66) 1,2-Dichlorobenzene-d4	11.551	152	124234	4.562	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.294	62	10513	0.239	ug/L	# 51
18) trans-1,2-Dichloroethene	2.712	96	13339	0.397	ug/L	96
19) 1,1-Dichloroethane	3.127	63	37359	0.606	ug/L	93
22) cis-1,2-Dichloroethene	3.821	96	97324	2.966	ug/L	96
51) Chlorobenzene	8.808	112	126573	1.442	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	131707	2.385	ug/L	99
65) 1,4-Dichlorobenzene	11.197	146	744080	13.024	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	11033	0.225	ug/L	91

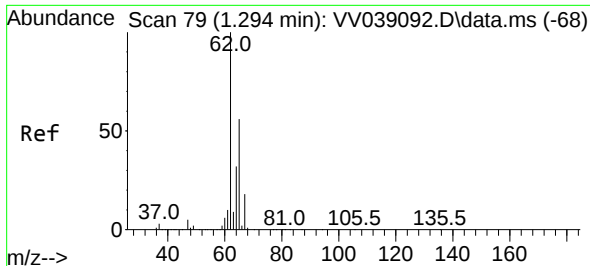
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039111.D
Acq On : 16 Sep 2025 16:42
Operator : SY/MD
Sample : Q3084-09DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PMW-7D(20250910)DL

Quant Time: Sep 17 02:25:30 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

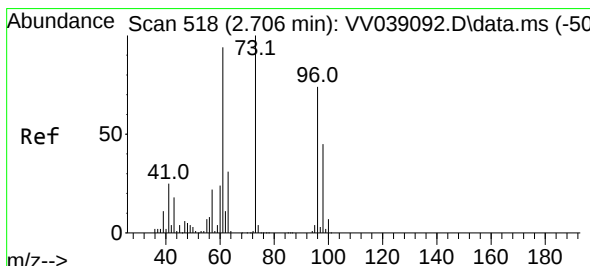
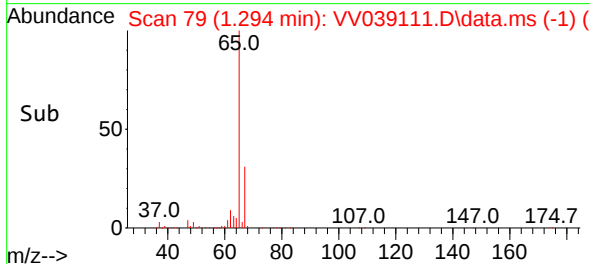
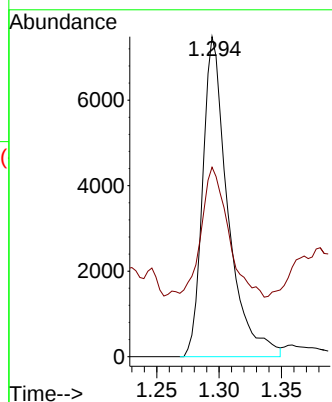
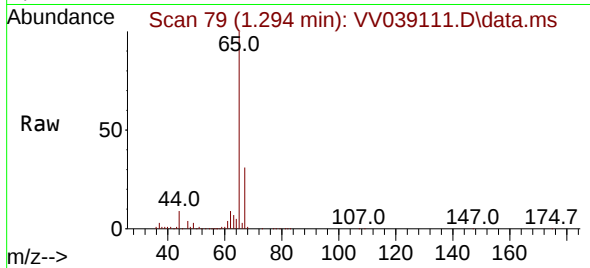




#5
 Vinyl chloride
 Concen: 0.239 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VV039111.D
 Acq: 16 Sep 2025 16:42

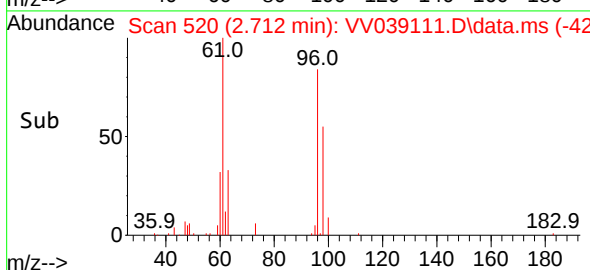
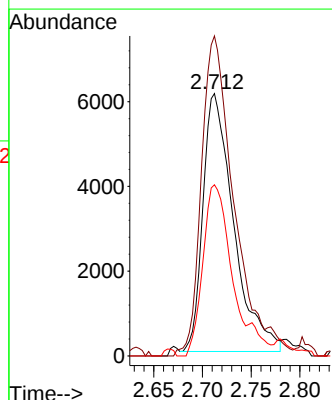
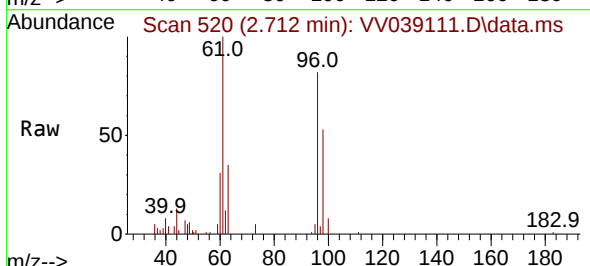
Instrument : MSVOA_V
 ClientSampleId : PMW-7D(20250910)DL

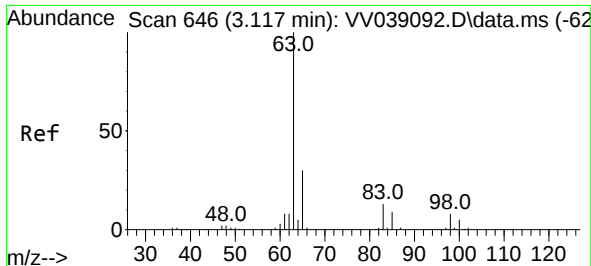
Tgt Ion: 62 Resp: 10513
 Ion Ratio Lower Upper
 62 100
 64 59.2 22.4 41.6#



#18
 trans-1,2-Dichloroethene
 Concen: 0.397 ug/L
 RT: 2.712 min Scan# 520
 Delta R.T. 0.006 min
 Lab File: VV039111.D
 Acq: 16 Sep 2025 16:42

Tgt Ion: 96 Resp: 13339
 Ion Ratio Lower Upper
 96 100
 61 122.0 89.7 166.5
 98 65.2 44.9 83.3





#19

1,1-Dichloroethane

Concen: 0.606 ug/L

RT: 3.127 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV039111.D

Acq: 16 Sep 2025 16:42

Instrument :

MSVOA_V

ClientSampleId :

PMW-7D(20250910)DL

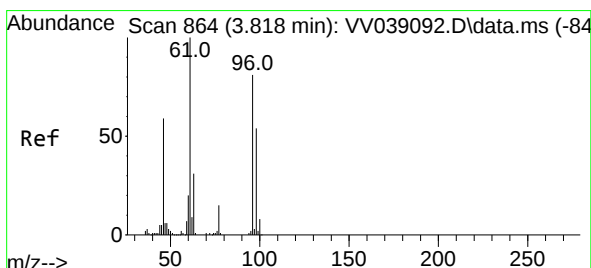
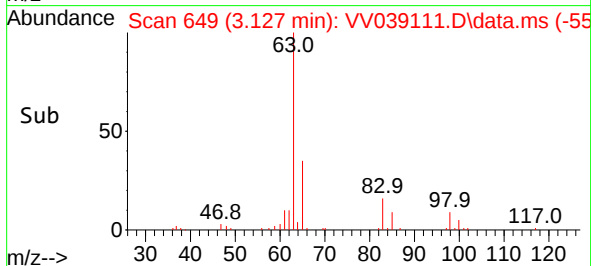
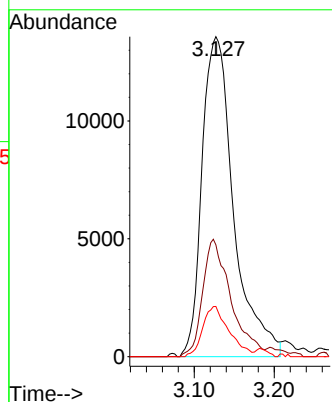
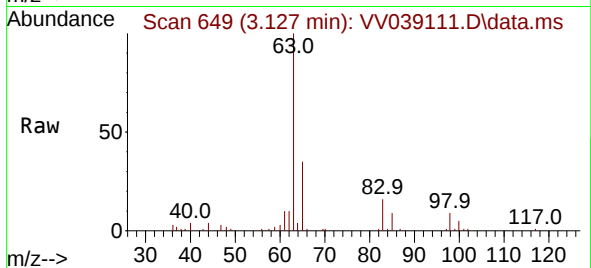
Tgt Ion: 63 Resp: 37359

Ion Ratio Lower Upper

63 100

65 34.9 21.5 39.9

83 15.7 9.2 17.2



#22

cis-1,2-Dichloroethene

Concen: 2.966 ug/L

RT: 3.821 min Scan# 865

Delta R.T. 0.003 min

Lab File: VV039111.D

Acq: 16 Sep 2025 16:42

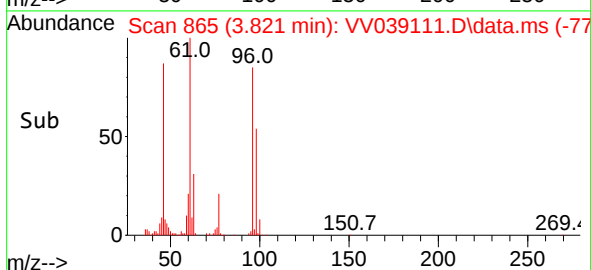
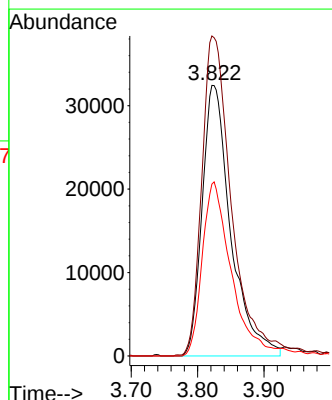
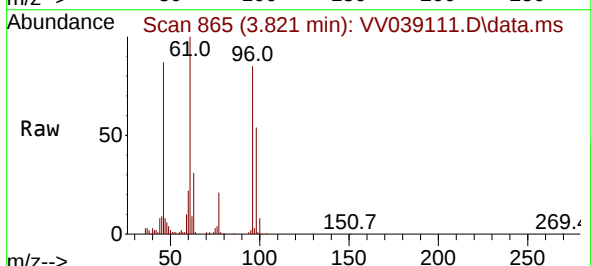
Tgt Ion: 96 Resp: 97324

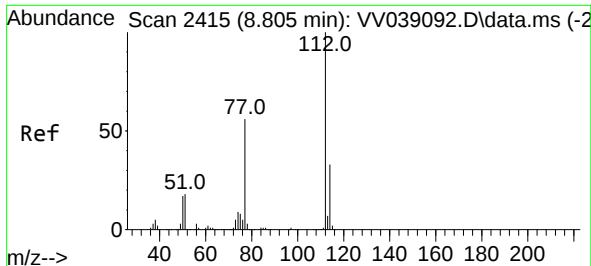
Ion Ratio Lower Upper

96 100

61 118.2 85.4 158.6

98 63.5 46.6 86.6

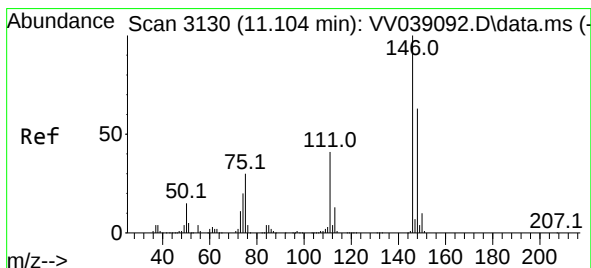
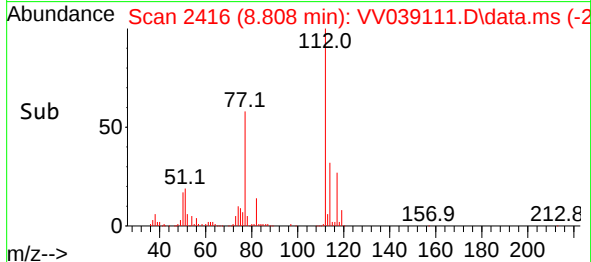
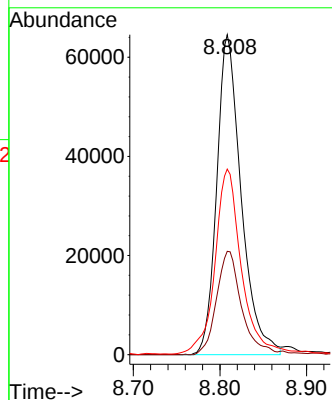
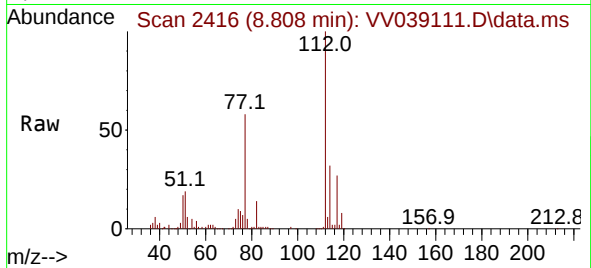




#51
Chlorobenzene
Concen: 1.442 ug/L
RT: 8.808 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV039111.D
Acq: 16 Sep 2025 16:42

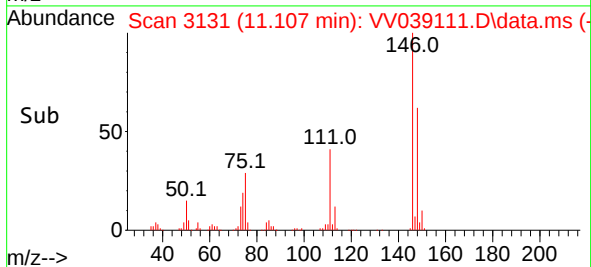
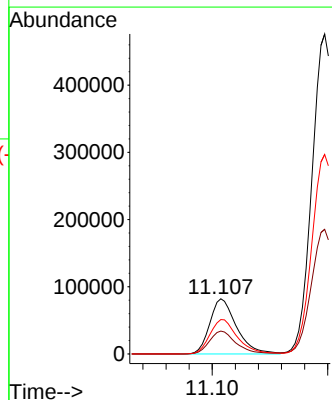
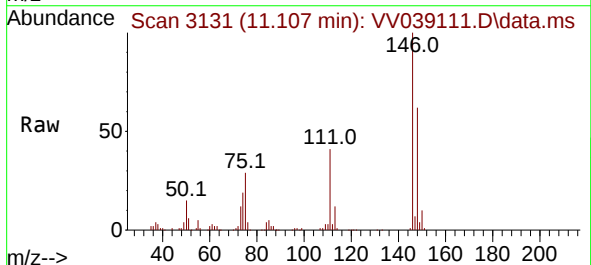
Instrument :
MSVOA_V
ClientSampleId :
PMW-7D(20250910)DL

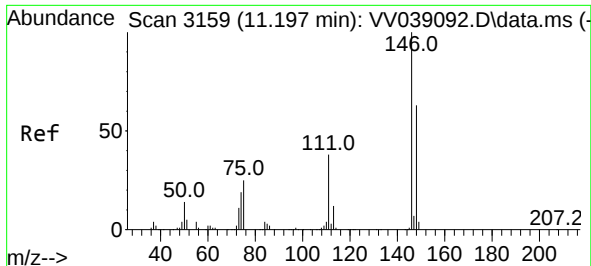
Tgt Ion:112 Resp: 126573
Ion Ratio Lower Upper
112 100
114 32.3 23.0 42.6
77 58.0 46.6 69.8



#64
1,3-Dichlorobenzene
Concen: 2.385 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV039111.D
Acq: 16 Sep 2025 16:42

Tgt Ion:146 Resp: 131707
Ion Ratio Lower Upper
146 100
111 41.4 28.3 52.7
148 62.2 42.9 79.7

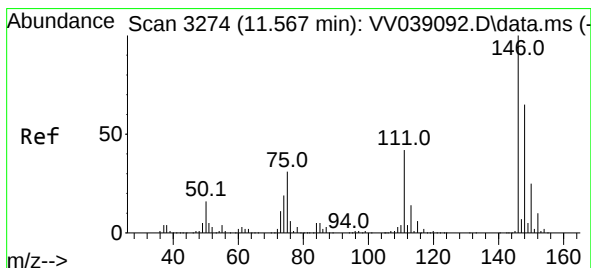
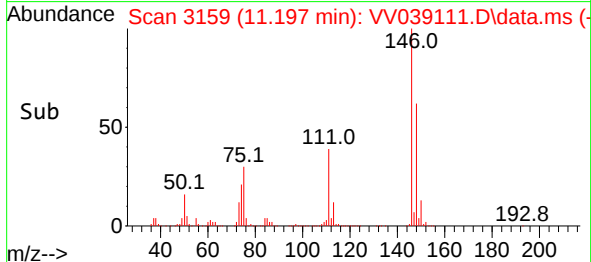
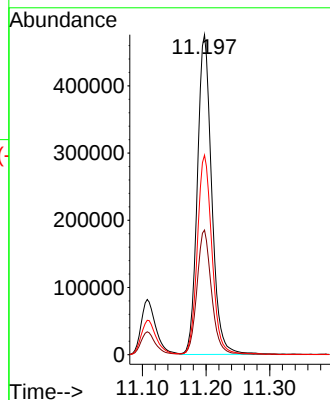
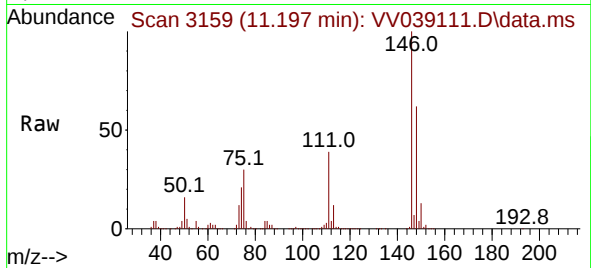




#65
1,4-Dichlorobenzene
Concen: 13.024 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV039111.D
Acq: 16 Sep 2025 16:42

Instrument :
MSVOA_V
ClientSampleId :
PMW-7D(20250910)DL

Tgt Ion:146 Resp: 744080
Ion Ratio Lower Upper
146 100
111 39.0 27.2 50.6
148 62.3 43.8 81.4



#67
1,2-Dichlorobenzene
Concen: 0.225 ug/L
RT: 11.570 min Scan# 3275
Delta R.T. 0.003 min
Lab File: VV039111.D
Acq: 16 Sep 2025 16:42

Tgt Ion:146 Resp: 11033
Ion Ratio Lower Upper
146 100
111 47.2 33.4 50.2
148 71.7 51.1 76.7

