Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
Data File : VV039105.D
Acq On : 16 Sep 2025 14:32
Operator : SY/MD
Sample : Q3084-03DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 17 02:23:44 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	353318	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	369384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	138079	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	118612	4.257	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.200%			
7) Chloroethane-d5	1.545	69	114986	4.762	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.200%			
11) 1,1-Dichloroethene-d2	2.072	65	54455	4.102	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.000%			
20) 2-Butanone-d5	3.793	46	206542	49.904	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.800%			
24) Chloroform-d	4.256	84	262169	4.844	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
26) 1,2-Dichloroethane-d4	4.947	65	112848	4.951	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.000%			
32) Benzene-d6	4.966	84	451767	4.470	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
36) 1,2-Dichloropropane-d6	5.989	67	147602	4.886	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.800%			
41) Toluene-d8	7.239	98	337082	3.725	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.600%			
43) trans-1,3-Dichloroprop...	7.554	79	43306	3.919	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.400%			
46) 2-Hexanone-d5	8.014	63	152912	42.743	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.480%			
56) 1,1,2,2-Tetrachloroeth...	10.143	84	106372	4.932	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.600%			
66) 1,2-Dichlorobenzene-d4	11.551	152	107663	4.844	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.294	62	11844	0.306	ug/L #	20
18) trans-1,2-Dichloroethene	2.715	96	7319	0.248	ug/L	91
19) 1,1-Dichloroethane	3.124	63	47160	0.871	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	165501	5.743	ug/L	98
51) Chlorobenzene	8.812	112	16549	0.212	ug/L	90
64) 1,3-Dichlorobenzene	11.117	146	11036	0.245	ug/L #	88
65) 1,4-Dichlorobenzene	11.201	146	69078	1.482	ug/L	97

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

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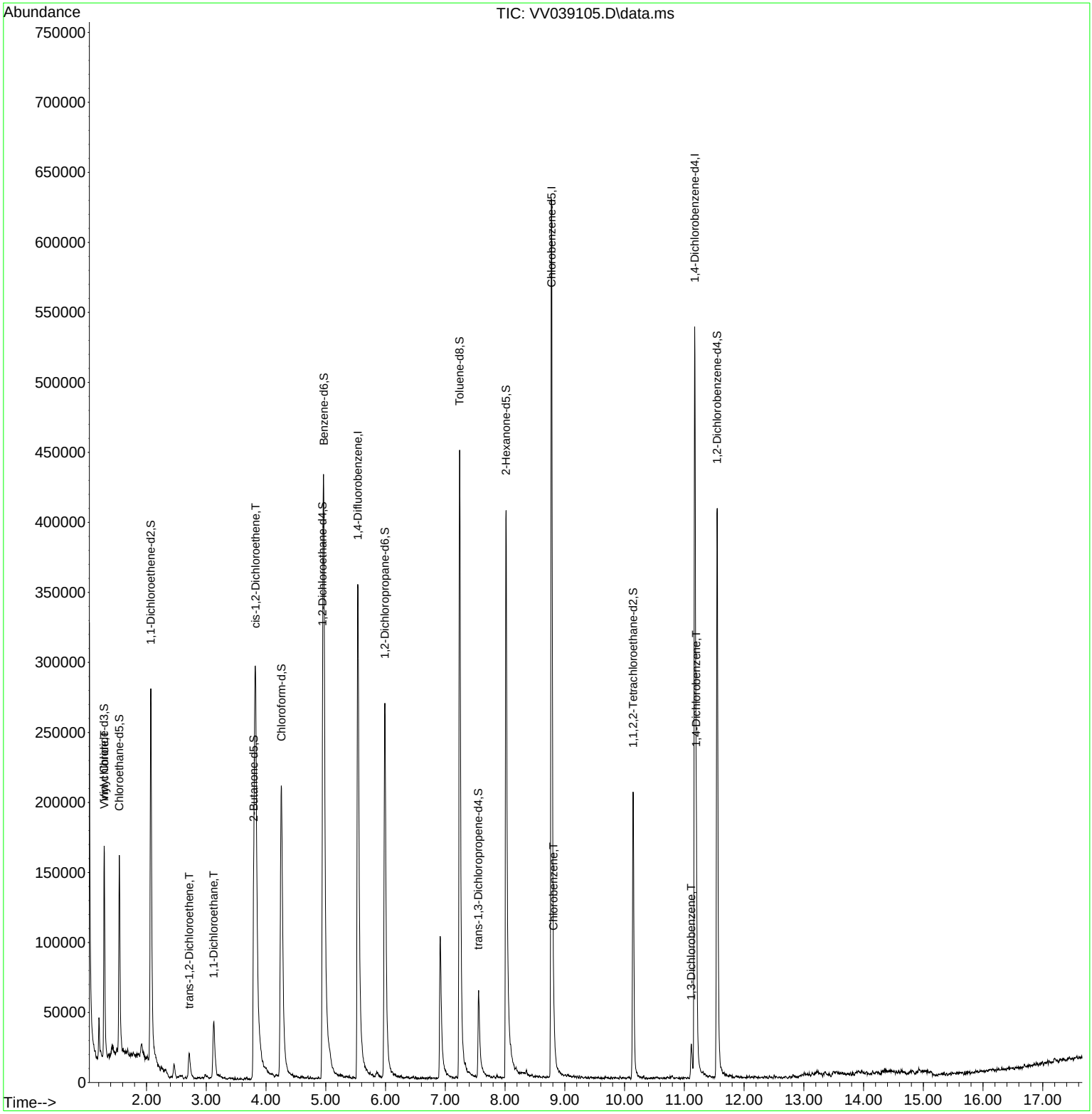
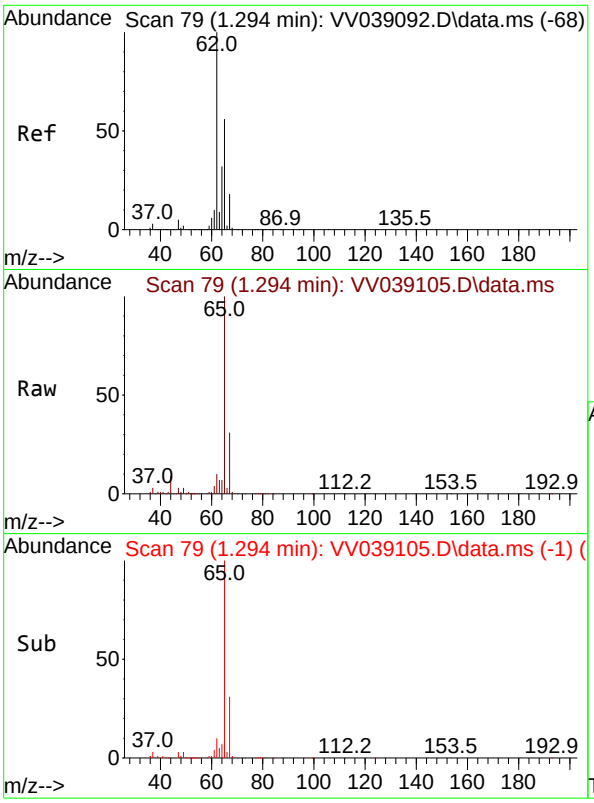


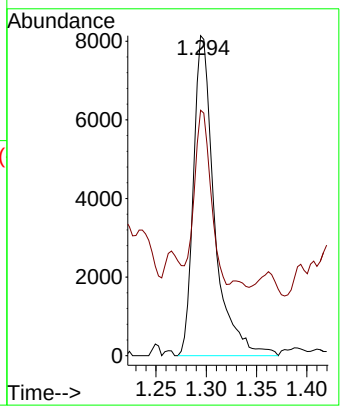


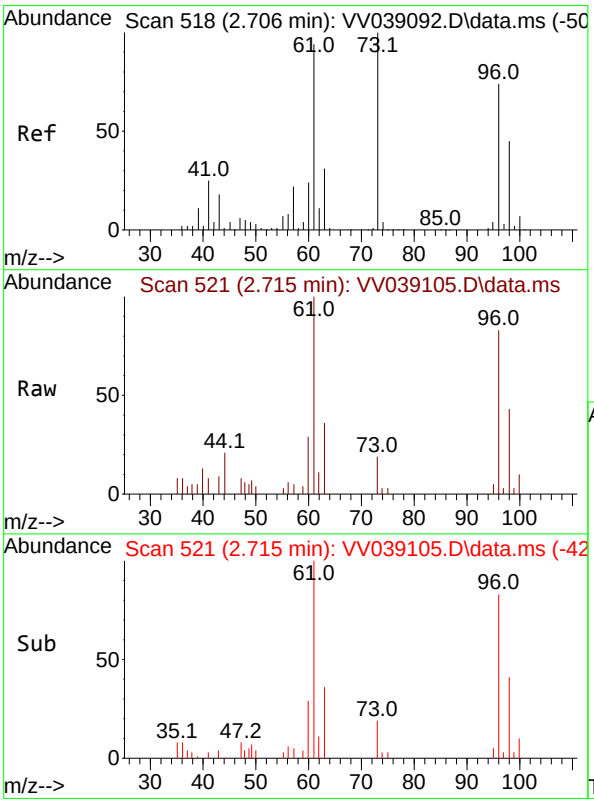
#5
Vinyl chloride
Concen: 0.306 ug/L
RT: 1.294 min Scan# 7
Delta R.T. -0.000 min
Lab File: VV039105.D
Acq: 16 Sep 2025 14:32

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

Tgt Ion: 62 Resp: 11844

Ion	Ratio	Lower	Upper
62	100		
64	76.7	22.4	41.6#

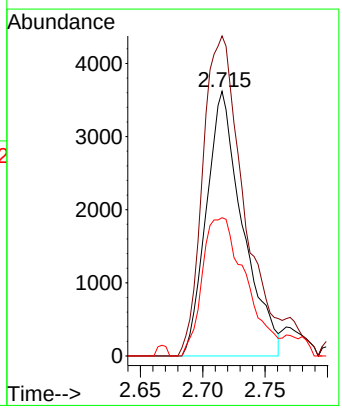


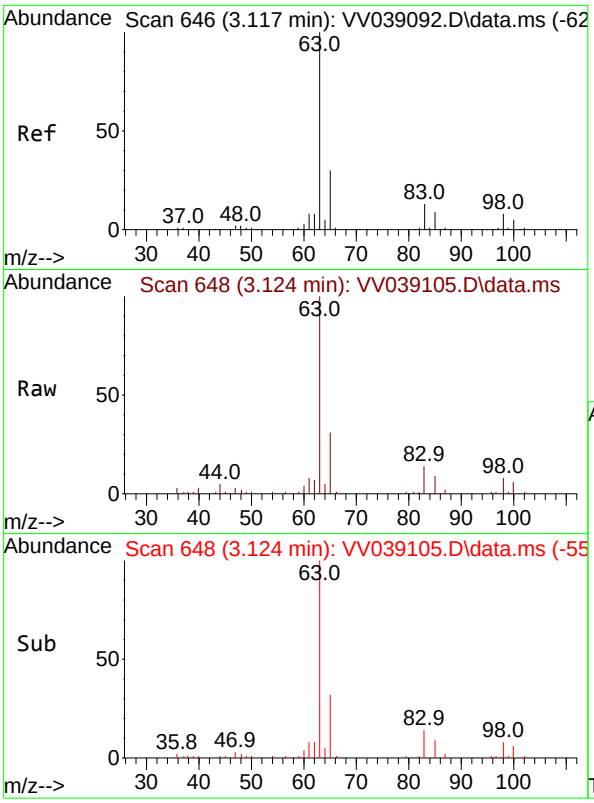


#18
trans-1,2-Dichloroethene
Concen: 0.248 ug/L
RT: 2.715 min Scan# 521
Delta R.T. 0.010 min
Lab File: VV039105.D
Acq: 16 Sep 2025 14:32

Tgt Ion: 96 Resp: 7319

Ion	Ratio	Lower	Upper
96	100		
61	121.0	89.7	166.5
98	52.3	44.9	83.3



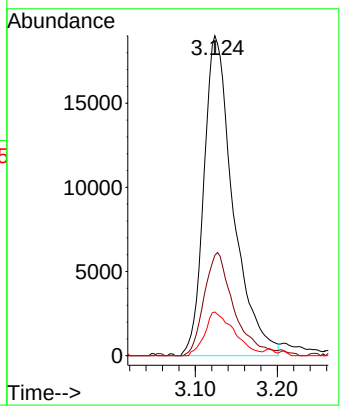


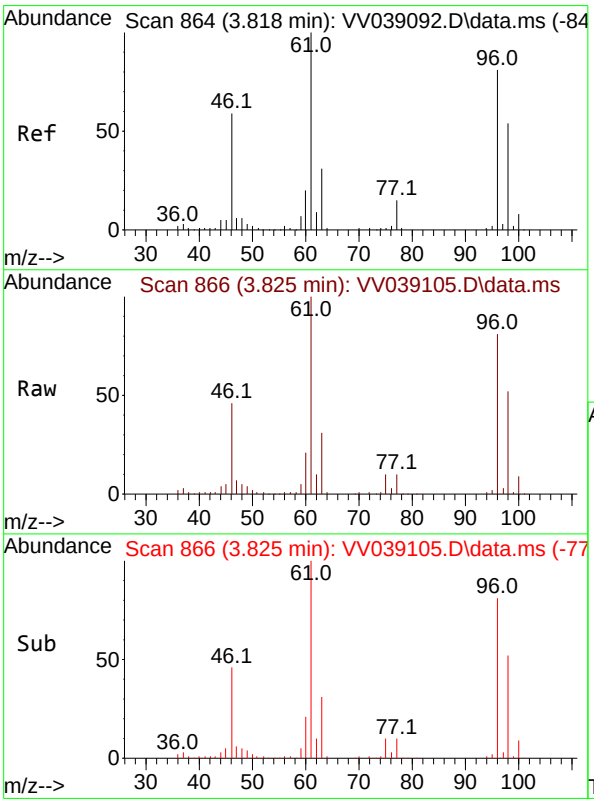
#19
1,1-Dichloroethane
Concen: 0.871 ug/L
RT: 3.124 min Scan# 64
Delta R.T. 0.006 min
Lab File: VV039105.D
Acq: 16 Sep 2025 14:32

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

Tgt Ion: 63 Resp: 47160

Ion	Ratio	Lower	Upper
63	100		
65	31.4	21.5	39.9
83	13.7	9.2	17.2

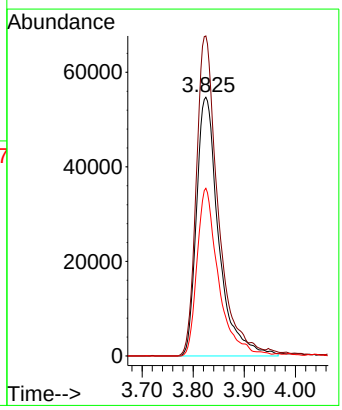


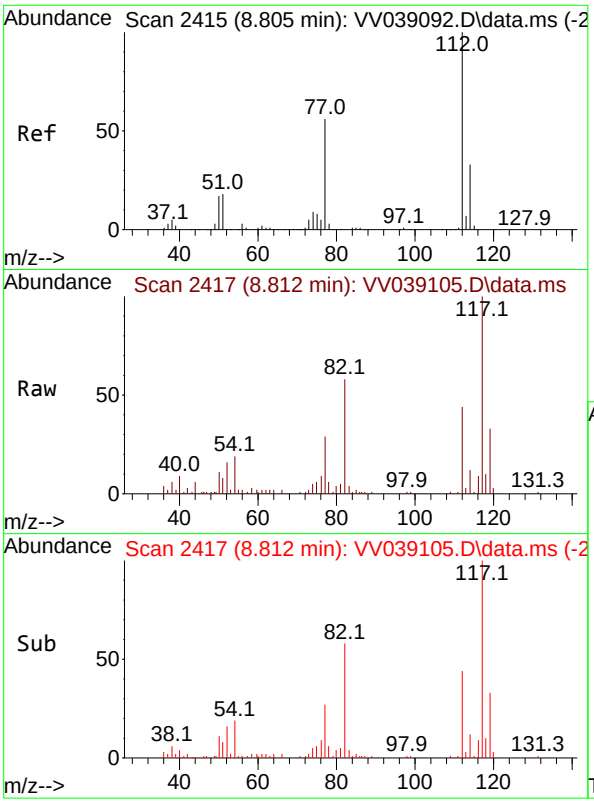


#22
cis-1,2-Dichloroethene
Concen: 5.743 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.006 min
Lab File: VV039105.D
Acq: 16 Sep 2025 14:32

Tgt Ion: 96 Resp: 165501

Ion	Ratio	Lower	Upper
96	100		
61	123.7	85.4	158.6
98	64.8	46.6	86.6



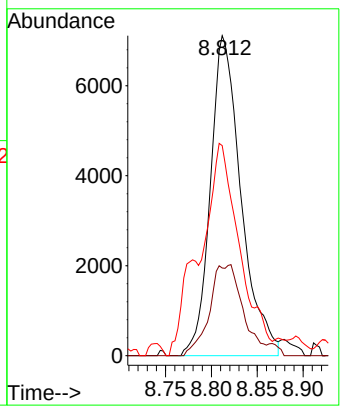


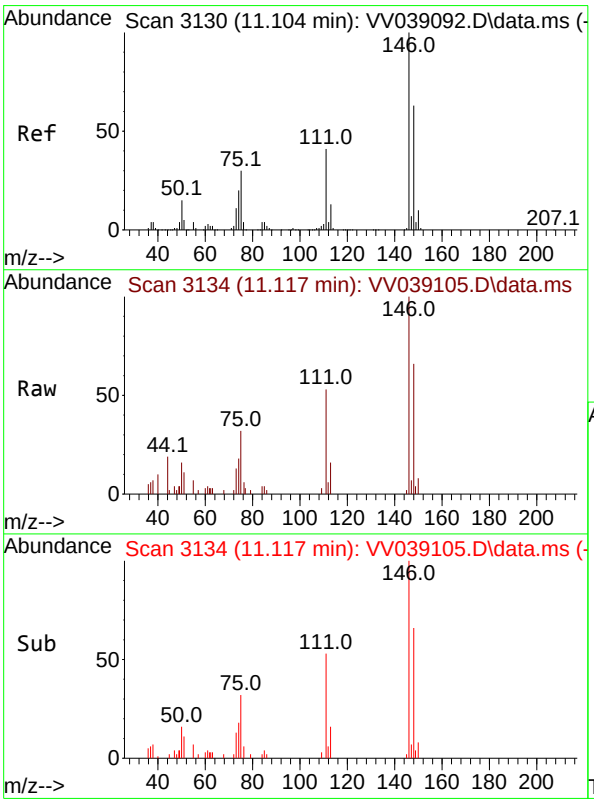
#51
Chlorobenzene
Concen: 0.212 ug/L
RT: 8.812 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV039105.D
Acq: 16 Sep 2025 14:32

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

Tgt Ion:112 Resp: 16549

Ion	Ratio	Lower	Upper
112	100		
114	27.4	23.0	42.6
77	65.7	46.6	69.8

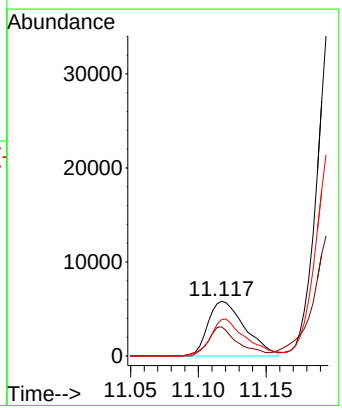


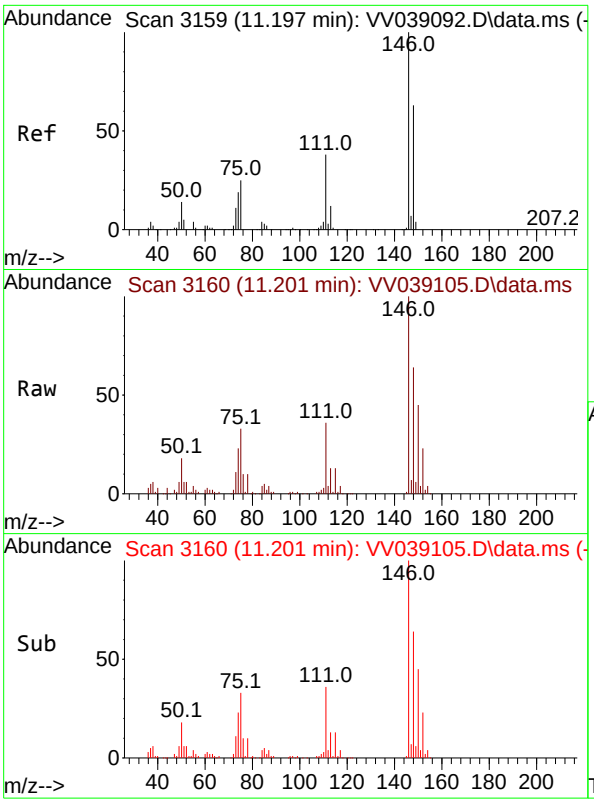


#64
1,3-Dichlorobenzene
Concen: 0.245 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.013 min
Lab File: VV039105.D
Acq: 16 Sep 2025 14:32

Tgt Ion:146 Resp: 11036

Ion	Ratio	Lower	Upper
146	100		
111	53.2	28.3	52.7#
148	66.4	42.9	79.7





#65
1,4-Dichlorobenzene
Concen: 1.482 ug/L
RT: 11.201 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV039105.D
Acq: 16 Sep 2025 14:32

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

Tgt Ion:146 Resp: 69078

Ion	Ratio	Lower	Upper
146	100		
111	35.7	27.2	50.6
148	63.9	43.8	81.4