

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
 Data File : VV039494.D
 Acq On : 08 Dec 2025 15:41
 Operator : SY/MD
 Sample : Q3787-05MS
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-15B-42.5-120425-SIMMS

Quant Time: Dec 09 01:28:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 04 00:58:46 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/10/2025
 Supervised By : Mahesh Dadoda 12/10/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7180	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7469	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	4203	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3660m	0.507	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	102.000%		
4) 1,2-Dichloroethane-d4	4.970	65	2351	0.492	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	98.000%		
7) 1,2-Dichloropropane-d6	6.020	67	3440	0.546	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery =	110.000%		
8) Toluene-d8	7.254	98	5395	0.507	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	102.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1962	0.552	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	110.000%		
Target Compounds						
3) Vinyl chloride	1.295	62	21343	1.374	ug/L #	1
6) Trichloroethene	5.829	95	60422	6.527	ug/L	97
9) 1,2-Dibromoethane	8.290	107	2997	0.490	ug/L	98
11) 1,1,2,2-Tetrachloroethane	10.155	83	4045	0.540	ug/L	99
13) 1,2,3-Trichloropropane	10.199	75	2266	0.512	ug/L	98
14) 1,2-Dibromo-3-chloropr...	12.351	75	443	0.495	ug/L	98

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

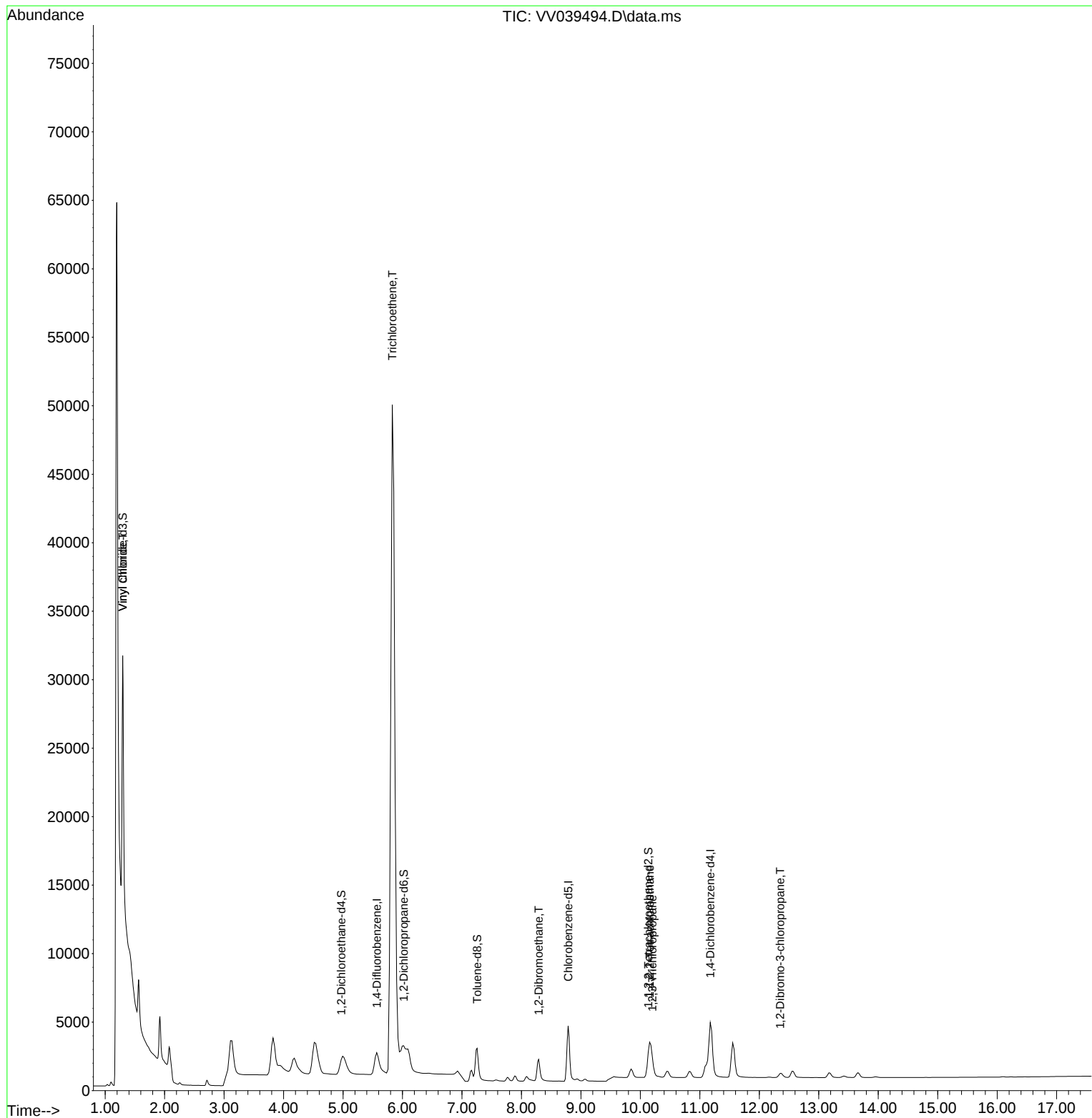
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
Data File : VV039494.D
Acq On : 08 Dec 2025 15:41
Operator : SY/MD
Sample : Q3787-05MS
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

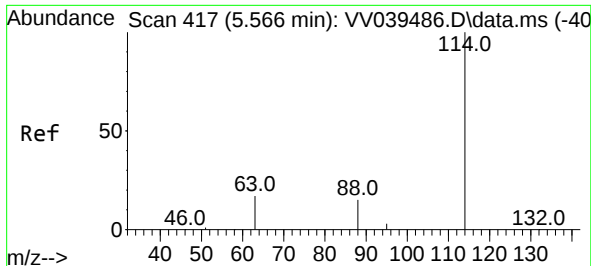
Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIMMS

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/10/2025
Supervised By : Mahesh Dadoda 12/10/2025

Quant Time: Dec 09 01:28:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 04 00:58:46 2025
Response via : Initial Calibration





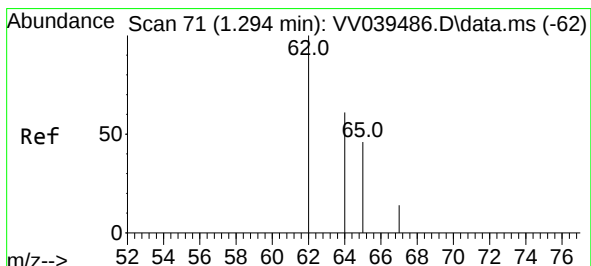
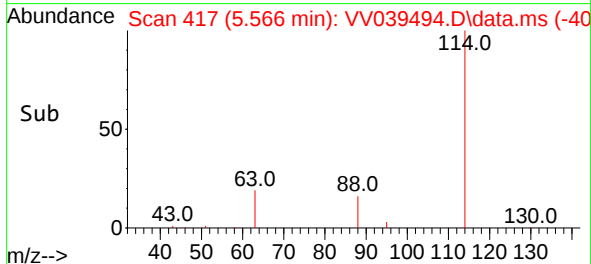
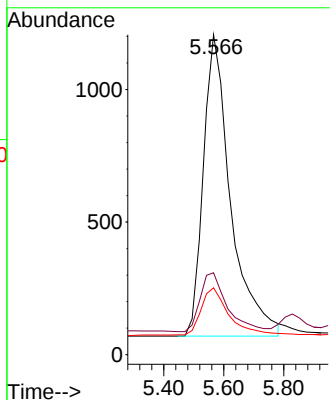
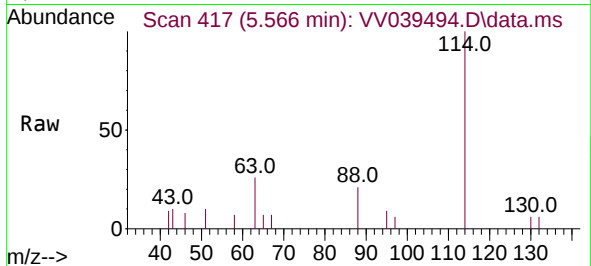
#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039494.D
Acq: 08 Dec 2025 15:41

Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIMMS

Tgt Ion:114 Resp: 7180
Ion Ratio Lower Upper
114 100
63 19.1 15.0 22.4
88 15.7 12.0 18.0

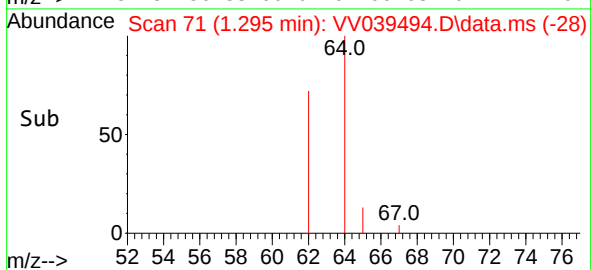
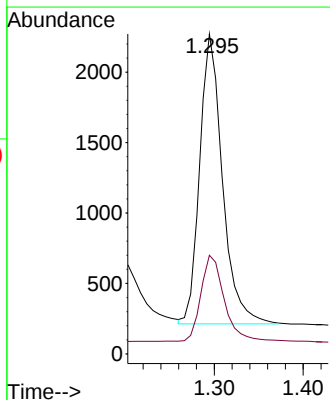
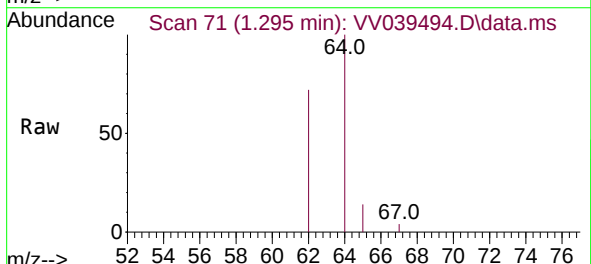
Manual Integrations
APPROVED

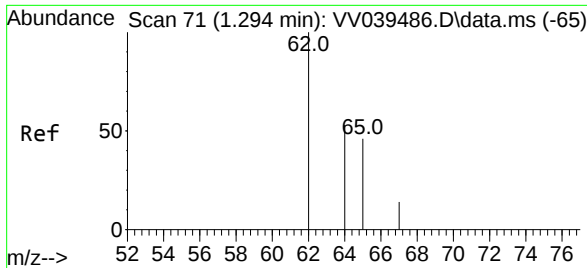
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#2
Vinyl Chloride-d3
Concen: 0.507 ug/L m
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039494.D
Acq: 08 Dec 2025 15:41

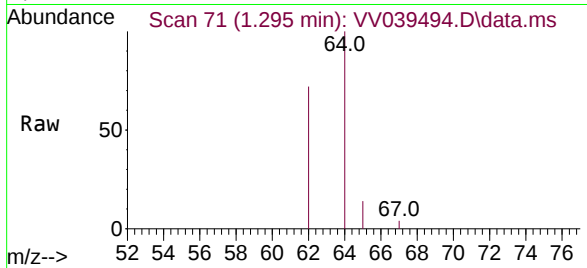
Tgt Ion: 65 Resp: 3660
Ion Ratio Lower Upper
65 100
67 31.6 22.3 41.5





#3
 Vinyl chloride
 Concen: 1.374 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039494.D
 Acq: 08 Dec 2025 15:41

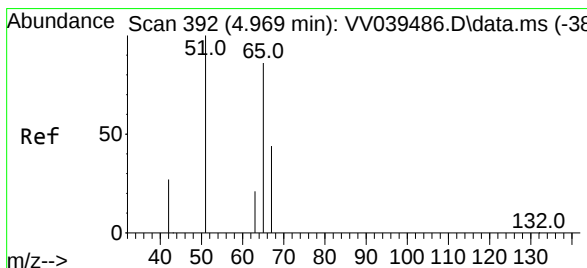
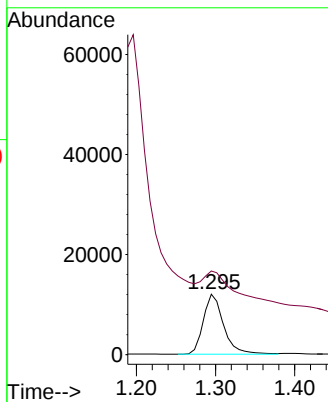
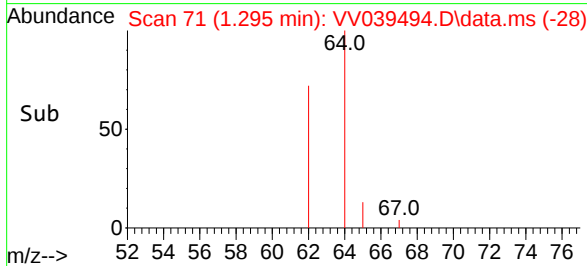
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-15B-42.5-120425-SIMMS



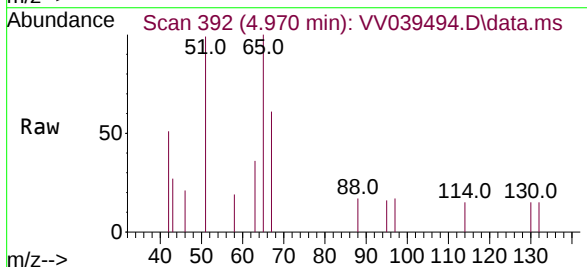
Tgt Ion: 62 Resp: 2134
 Ion Ratio Lower Upper
 62 100
 64 138.4 24.8 46.0

Manual Integrations
 APPROVED

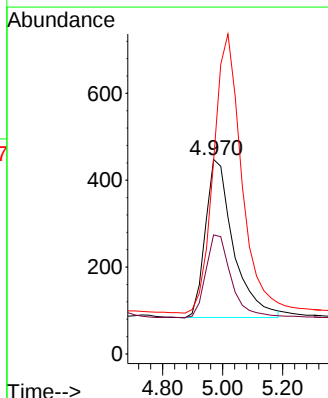
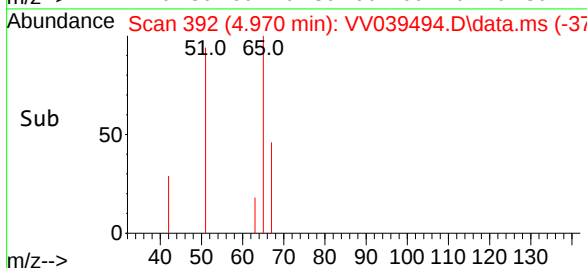
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/10/2025

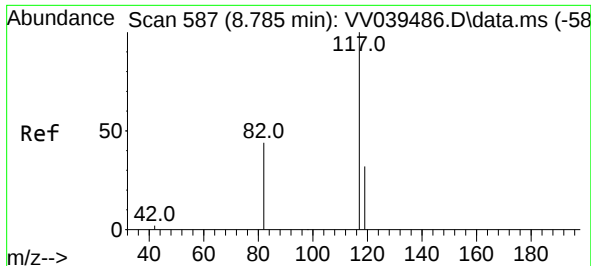


#4
 1,2-Dichloroethane-d4
 Concen: 0.492 ug/L
 RT: 4.970 min Scan# 392
 Delta R.T. 0.001 min
 Lab File: VV039494.D
 Acq: 08 Dec 2025 15:41



Tgt Ion: 65 Resp: 2351
 Ion Ratio Lower Upper
 65 100
 67 47.3 32.5 60.3
 51 176.3 121.4 225.6





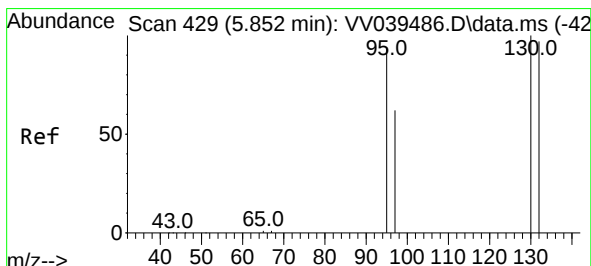
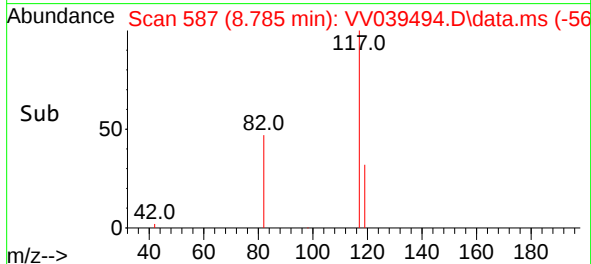
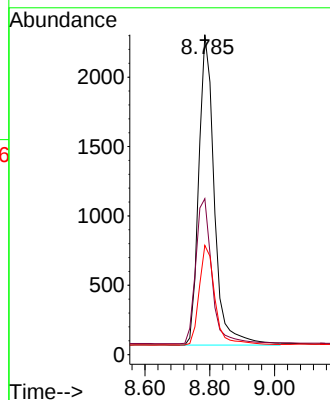
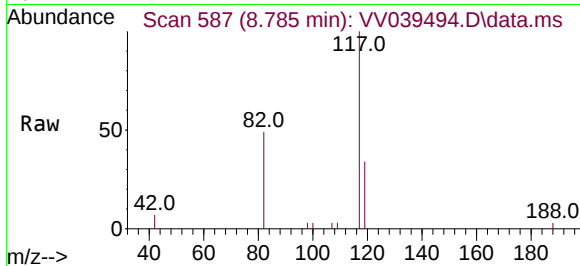
#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039494.D
Acq: 08 Dec 2025 15:41

Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIMMS

Tgt Ion: 117 Resp: 7469
Ion Ratio Lower Upper
117 100
82 48.4 39.4 59.2
119 32.6 26.2 39.2

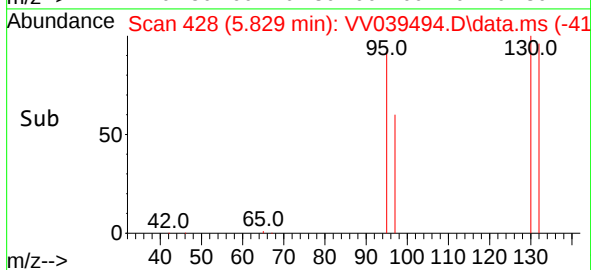
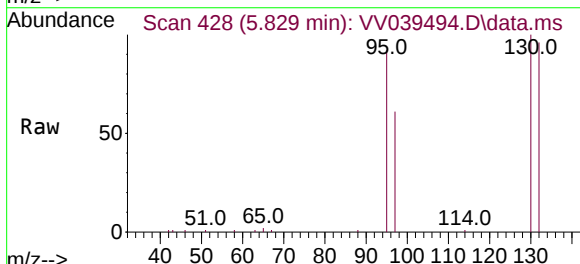
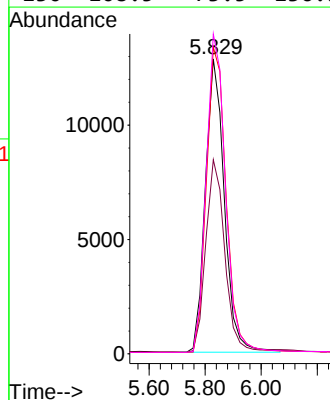
Manual Integrations
APPROVED

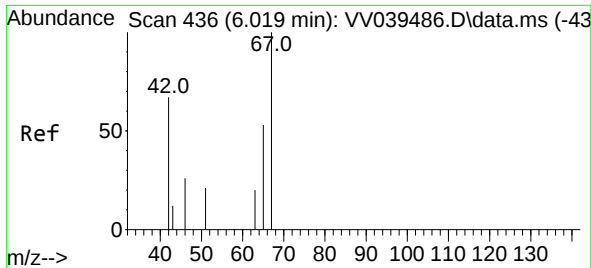
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#6
Trichloroethene
Concen: 6.527 ug/L
RT: 5.829 min Scan# 428
Delta R.T. -0.024 min
Lab File: VV039494.D
Acq: 08 Dec 2025 15:41

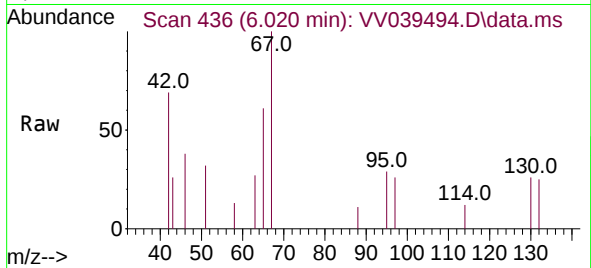
Tgt Ion: 95 Resp: 60422
Ion Ratio Lower Upper
95 100
97 65.8 47.7 88.7
132 104.0 70.8 131.4
130 108.5 73.5 136.5





#7
1,2-Dichloropropane-d6
Concen: 0.546 ug/L
RT: 6.020 min Scan# 436
Delta R.T. 0.001 min
Lab File: VV039494.D
Acq: 08 Dec 2025 15:41

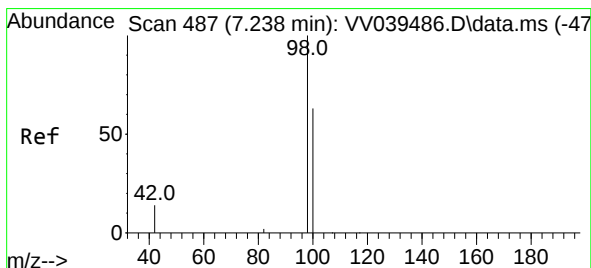
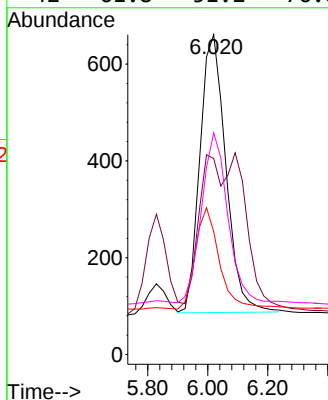
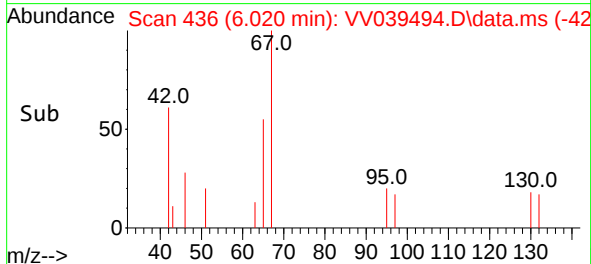
Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIMMS



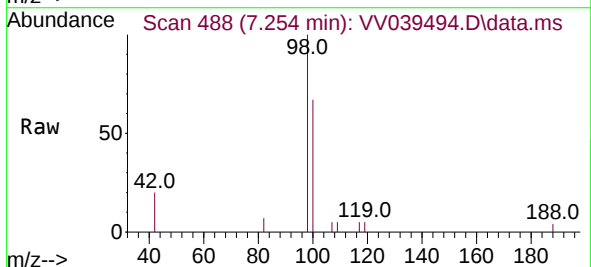
Tgt Ion: 67 Resp: 3440
Ion Ratio Lower Upper
67 100
65 45.8 37.9 56.9
46 33.3 27.4 41.0
42 61.8 51.2 76.8

Manual Integrations
APPROVED

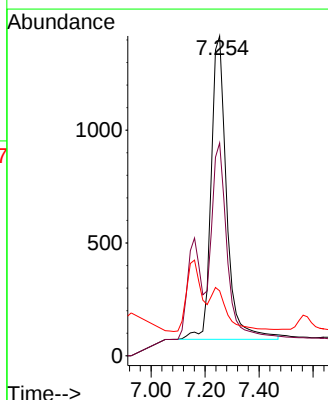
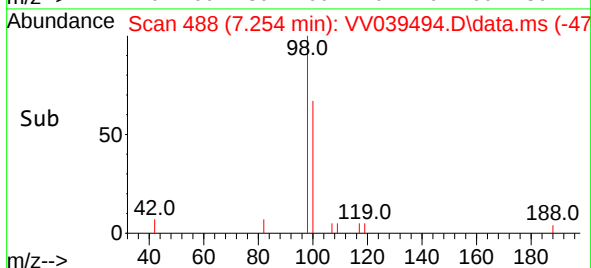
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

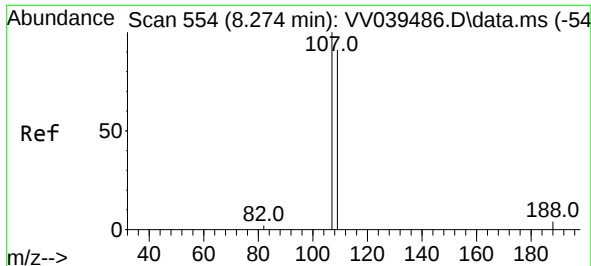


#8
Toluene-d8
Concen: 0.507 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039494.D
Acq: 08 Dec 2025 15:41



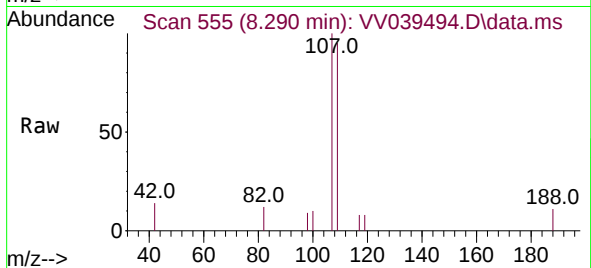
Tgt Ion: 98 Resp: 5395
Ion Ratio Lower Upper
98 100
100 63.7 44.5 82.7
42 14.4 10.1 18.7





#9
1,2-Dibromoethane
Concen: 0.490 ug/L
RT: 8.290 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV039494.D
Acq: 08 Dec 2025 15:41

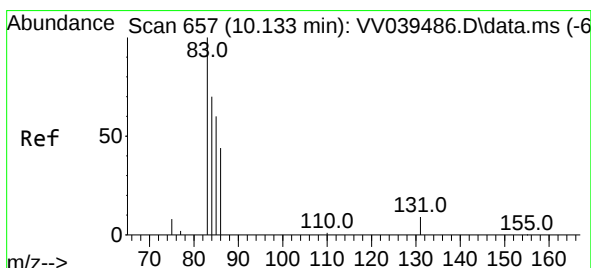
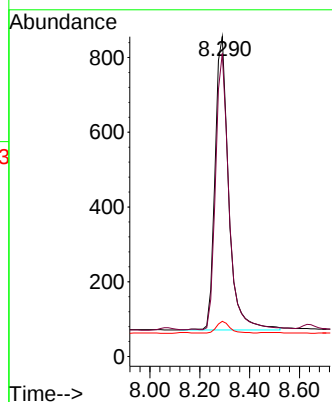
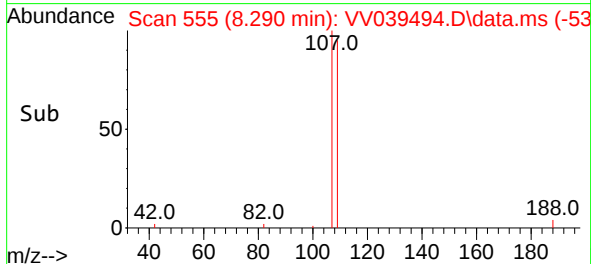
Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIMMS



Tgt Ion:107 Resp: 299
Ion Ratio Lower Upper
107 100
109 94.7 67.4 125.2
188 11.0 9.4 14.0

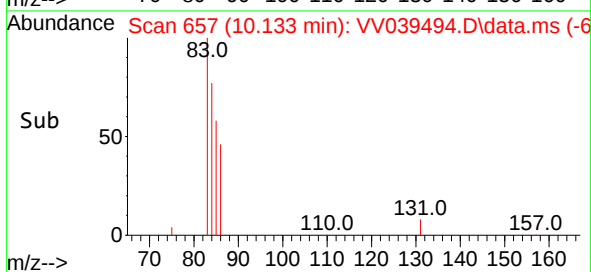
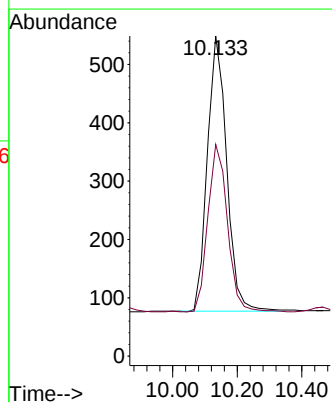
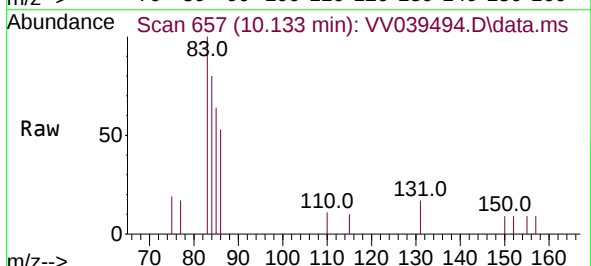
Manual Integrations
APPROVED

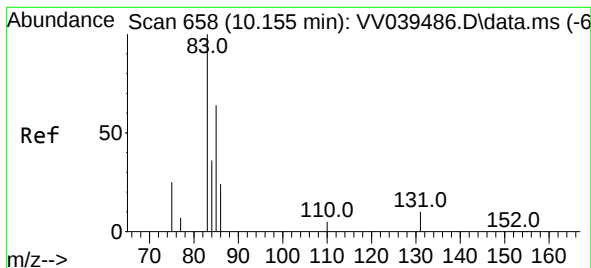
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.552 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039494.D
Acq: 08 Dec 2025 15:41

Tgt Ion: 84 Resp: 1962
Ion Ratio Lower Upper
84 100
86 61.7 44.4 82.5





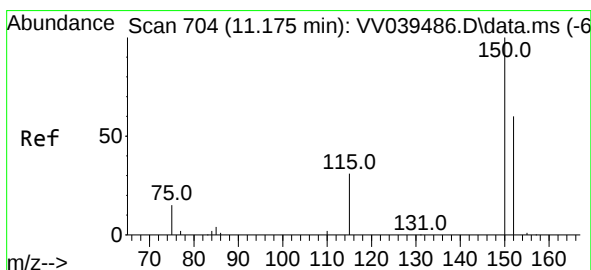
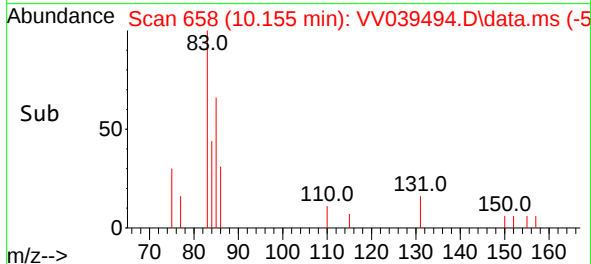
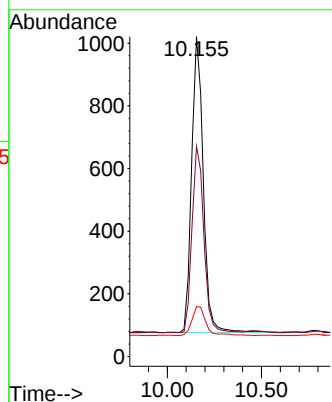
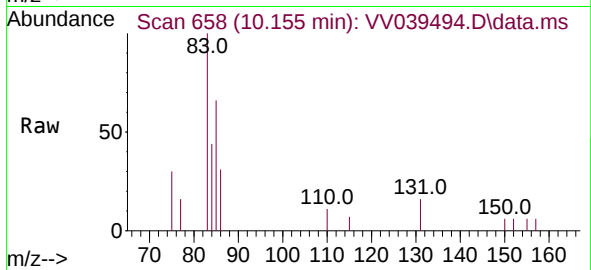
#11
1,1,2,2-Tetrachloroethane
Concen: 0.540 ug/L
RT: 10.155 min Scan# 658
Delta R.T. 0.000 min
Lab File: VV039494.D
Acq: 08 Dec 2025 15:41

Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIMMS

Tgt Ion: 83 Resp: 4045
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.6
131 11.7 8.6 12.8

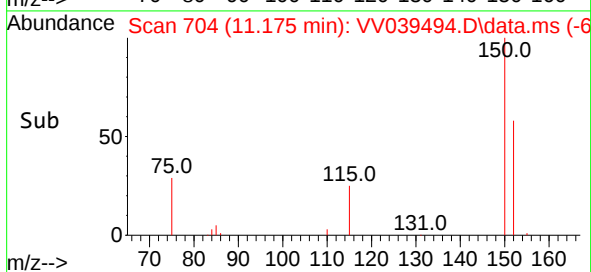
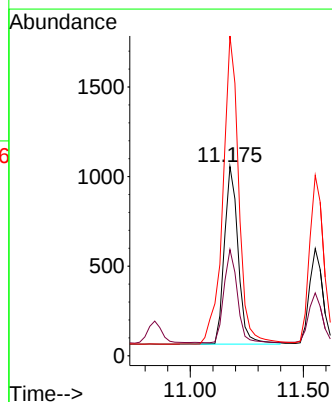
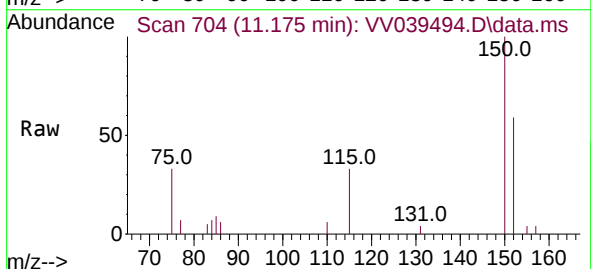
Manual Integrations
APPROVED

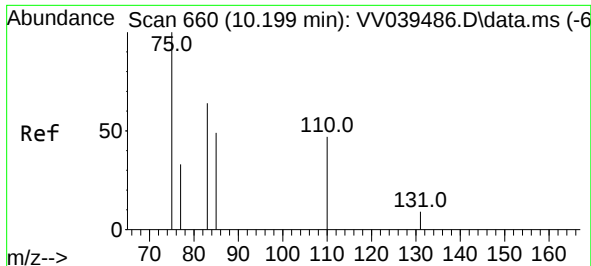
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. 0.000 min
Lab File: VV039494.D
Acq: 08 Dec 2025 15:41

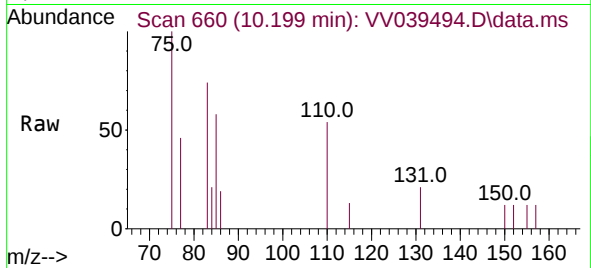
Tgt Ion:152 Resp: 4203
Ion Ratio Lower Upper
152 100
115 50.6 0.0 101.6
150 199.4 0.0 396.2





#13
1,2,3-Trichloropropane
Concen: 0.512 ug/L
RT: 10.199 min Scan# 660
Delta R.T. 0.000 min
Lab File: VV039494.D
Acq: 08 Dec 2025 15:41

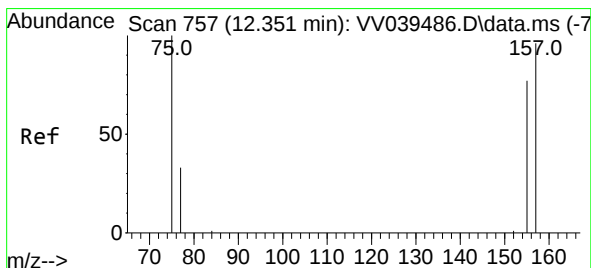
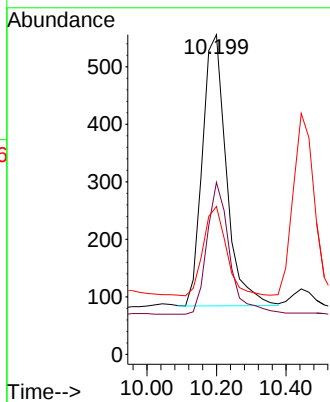
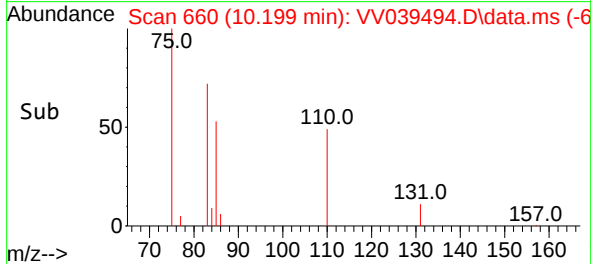
Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIMMS



Tgt Ion: 75 Resp: 2266
Ion Ratio Lower Upper
75 100
110 45.6 37.8 56.6
77 31.0 25.6 38.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



#14
1,2-Dibromo-3-chloropropane
Concen: 0.495 ug/L
RT: 12.351 min Scan# 757
Delta R.T. 0.000 min
Lab File: VV039494.D
Acq: 08 Dec 2025 15:41

Tgt Ion: 75 Resp: 443
Ion Ratio Lower Upper
75 100
157 87.9 67.8 101.6
155 78.6 61.9 92.9

