

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039525.D
 Acq On : 10 Dec 2025 13:01
 Operator : SY/MD
 Sample : Q3813-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BR-04DR-451-120825-SIM

Quant Time: Dec 11 00:06:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 09 08:40:48 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
 Supervised By :Semsettin Yesilyurt 12/12/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6208	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6043	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3061	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3249m	0.533	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	106.000%		
4) 1,2-Dichloroethane-d4	4.969	65	2014	0.487	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	98.000%		
7) 1,2-Dichloropropane-d6	5.995	67	2050	0.402	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery =	80.000%		
8) Toluene-d8	7.253	98	4098	0.476	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery =	96.000%		
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1420	0.494	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	98.000%		
Target Compounds						Qvalue
6) Trichloroethene	5.828	95	61290	8.365	ug/L	96

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

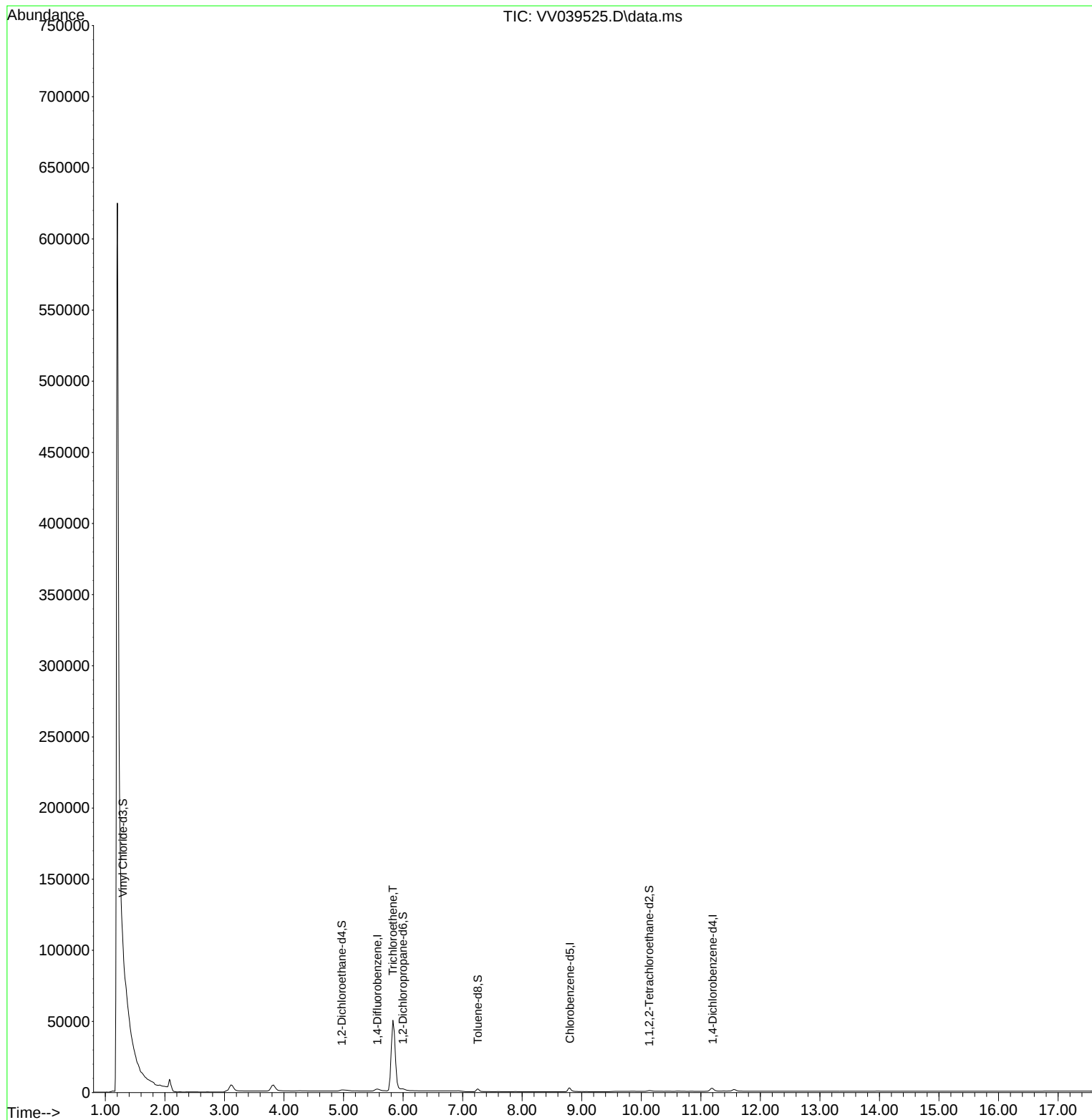
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
Data File : VV039525.D
Acq On : 10 Dec 2025 13:01
Operator : SY/MD
Sample : Q3813-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

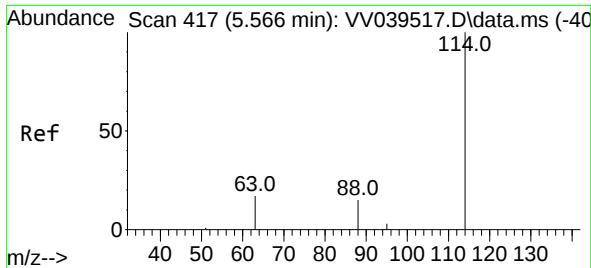
Instrument :
MSVOA_V
ClientSampleId :
BR-04DR-451-120825-SIM

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025

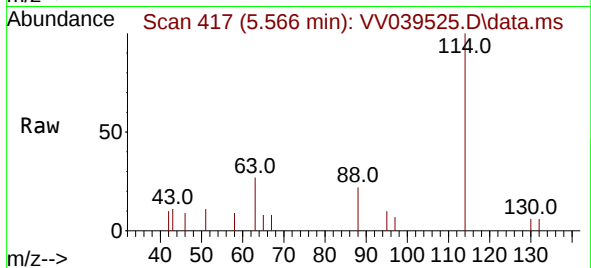
Quant Time: Dec 11 00:06:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 09 08:40:48 2025
Response via : Initial Calibration





#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039525.D
Acq: 10 Dec 2025 13:01

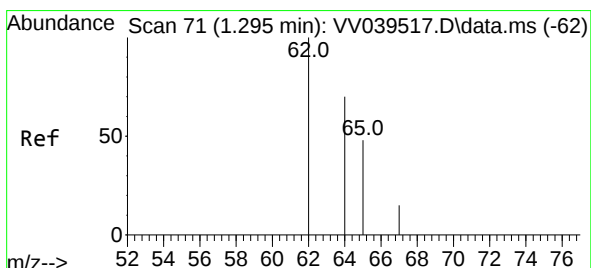
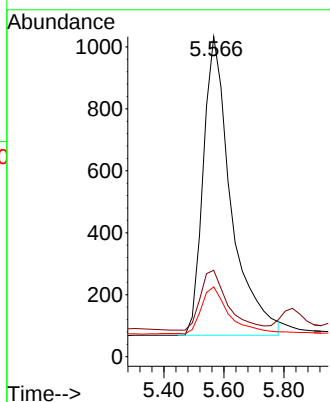
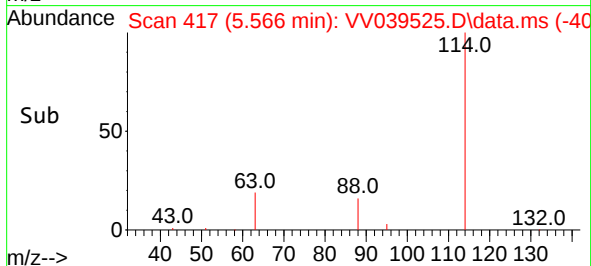
Instrument :
MSVOA_V
ClientSampleId :
BR-04DR-451-120825-SIM



Tgt Ion: 114 Resp: 6208
Ion Ratio Lower Upper
114 100
63 19.5 15.0 22.4
88 16.1 12.0 18.0

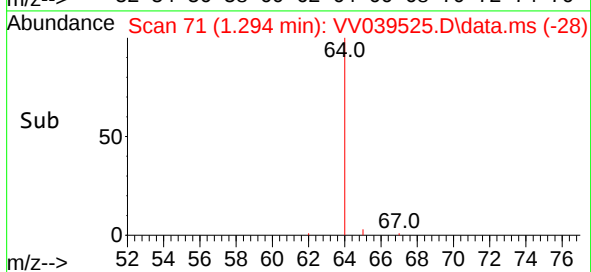
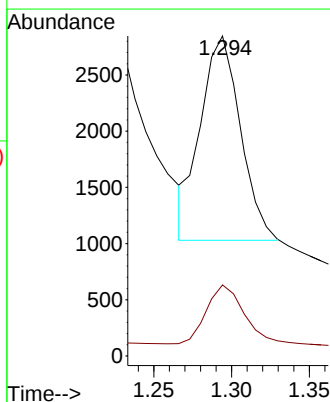
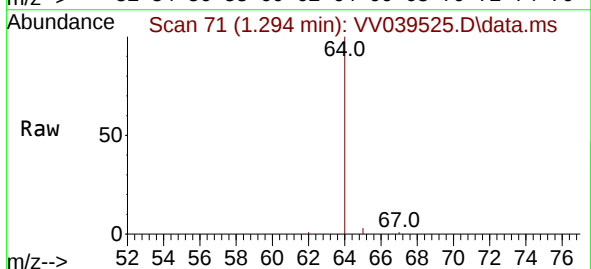
Manual Integrations
APPROVED

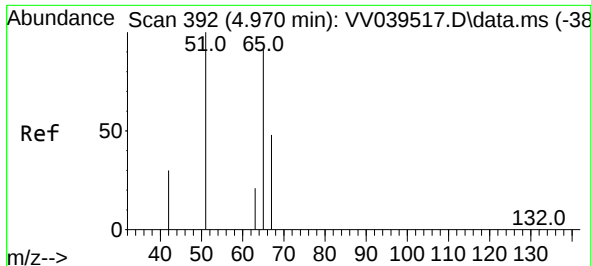
Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025



#2
Vinyl Chloride-d3
Concen: 0.533 ug/L m
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039525.D
Acq: 10 Dec 2025 13:01

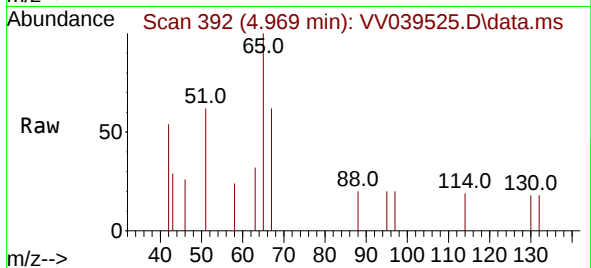
Tgt Ion: 65 Resp: 3249
Ion Ratio Lower Upper
65 100
67 32.9 22.3 41.5





#4
1,2-Dichloroethane-d4
Concen: 0.487 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039525.D
Acq: 10 Dec 2025 13:01

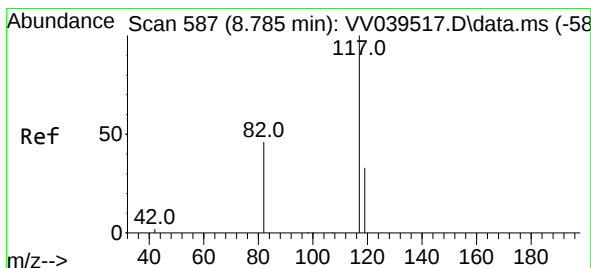
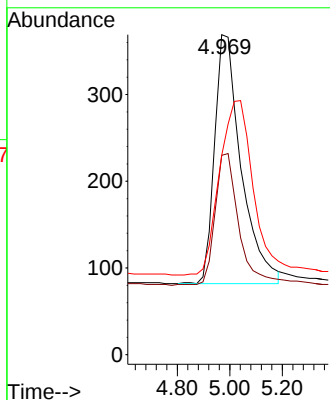
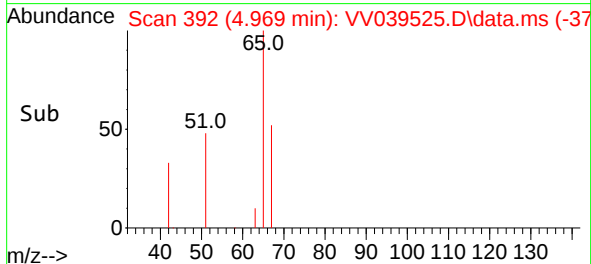
Instrument :
MSVOA_V
ClientSampleId :
BR-04DR-451-120825-SIM



Tgt Ion: 65 Resp: 2014
Ion Ratio Lower Upper
65 100
67 47.5 32.5 60.3
51 87.3 121.4 225.6

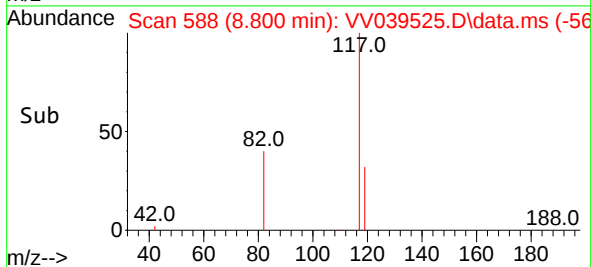
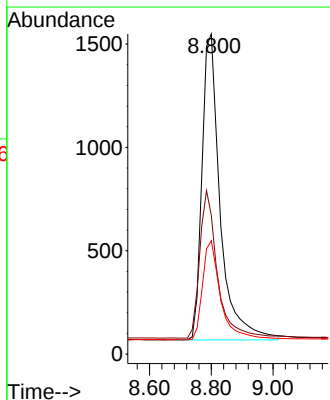
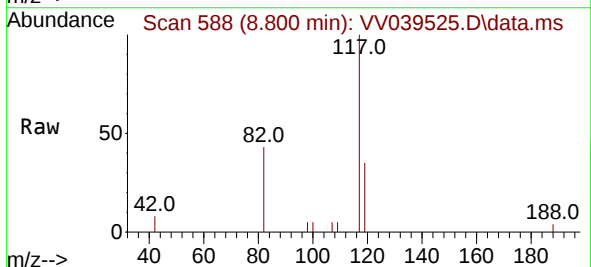
Manual Integrations
APPROVED

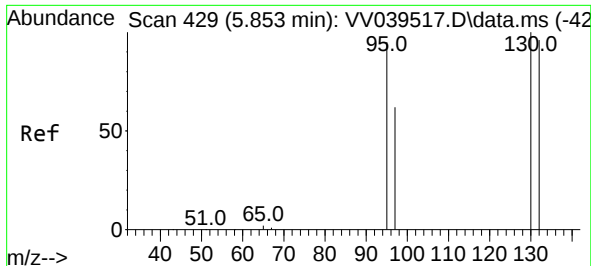
Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039525.D
Acq: 10 Dec 2025 13:01

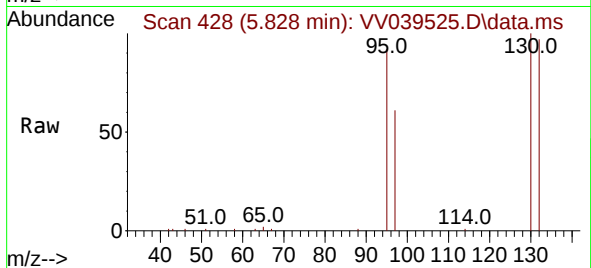
Tgt Ion:117 Resp: 6043
Ion Ratio Lower Upper
117 100
82 47.2 39.4 59.2
119 32.3 26.2 39.2





#6
 Trichloroethene
 Concen: 8.365 ug/L
 RT: 5.828 min Scan# 41
 Delta R.T. -0.024 min
 Lab File: VV039525.D
 Acq: 10 Dec 2025 13:01

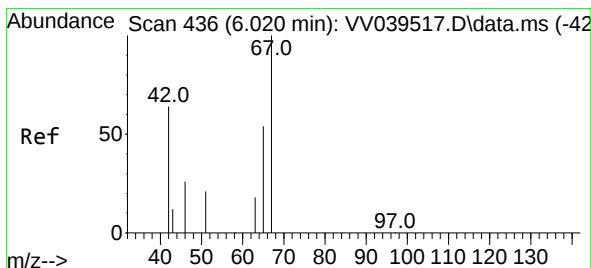
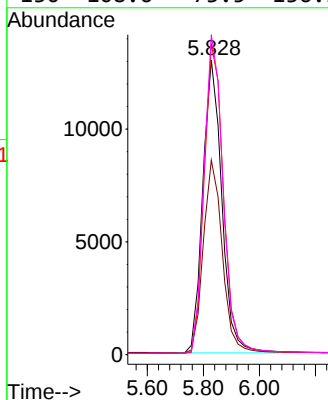
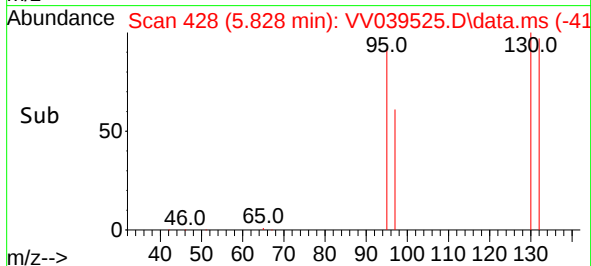
Instrument :
 MSVOA_V
 ClientSampleId :
 BR-04DR-451-120825-SIM



Tgt Ion: 95 Resp: 61290
 Ion Ratio Lower Upper
 95 100
 97 66.0 47.7 88.7
 132 105.4 70.8 131.4
 130 108.6 73.5 136.5

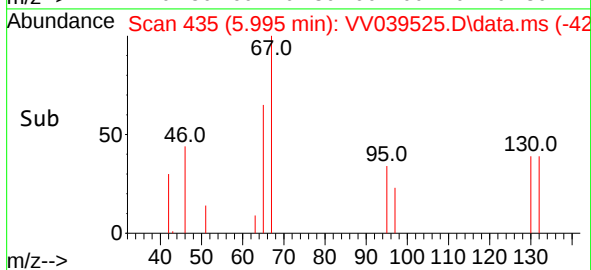
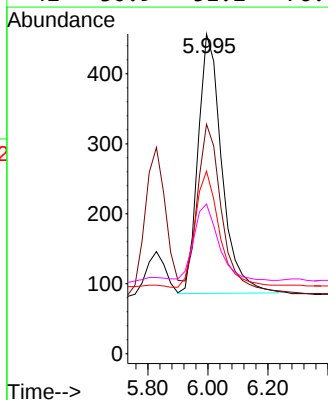
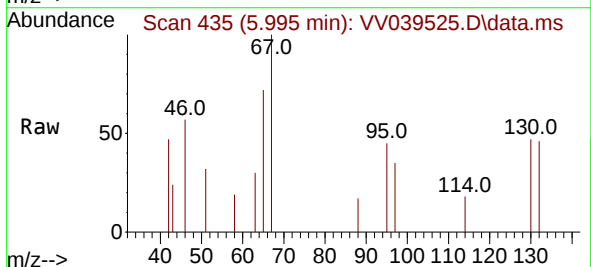
Manual Integrations
 APPROVED

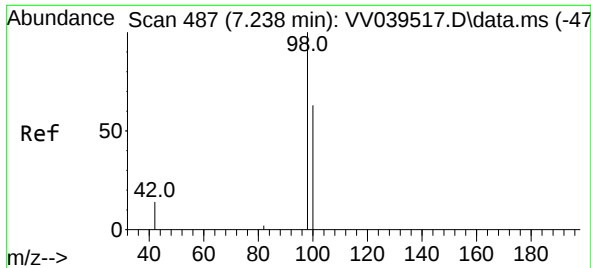
Reviewed By :Mahesh Dadoda 12/11/2025
 Supervised By :Semsettin Yesilyurt 12/12/2025



#7
 1,2-Dichloropropane-d6
 Concen: 0.402 ug/L
 RT: 5.995 min Scan# 435
 Delta R.T. -0.024 min
 Lab File: VV039525.D
 Acq: 10 Dec 2025 13:01

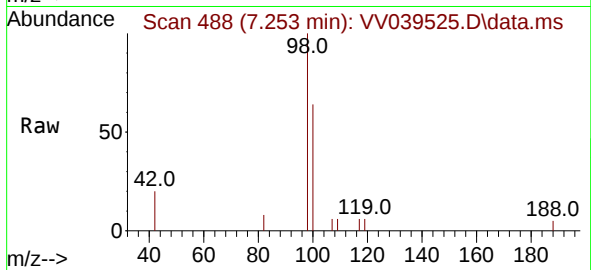
Tgt Ion: 67 Resp: 2050
 Ion Ratio Lower Upper
 67 100
 65 63.2 37.9 56.9#
 46 46.1 27.4 41.0#
 42 30.9 51.2 76.8#





#8
Toluene-d8
Concen: 0.476 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039525.D
Acq: 10 Dec 2025 13:01

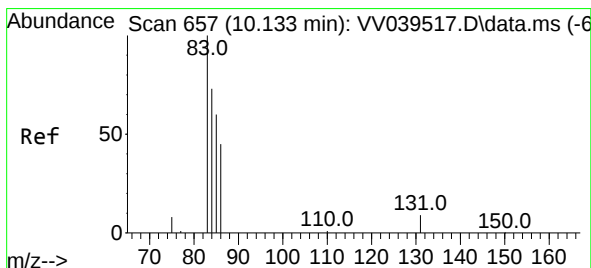
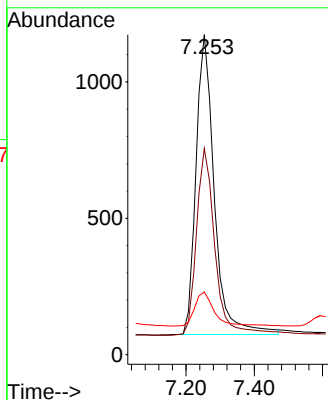
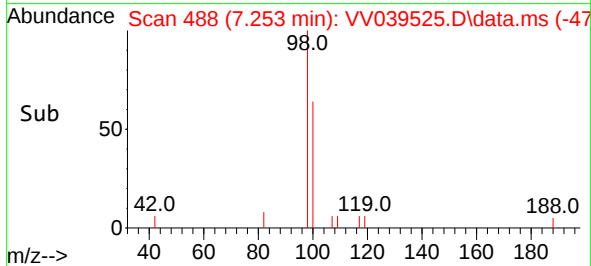
Instrument :
MSVOA_V
ClientSampleId :
BR-04DR-451-120825-SIM



Tgt Ion: 98 Resp: 4098
Ion Ratio Lower Upper
98 100
100 62.5 44.5 82.7
42 12.1 10.1 18.7

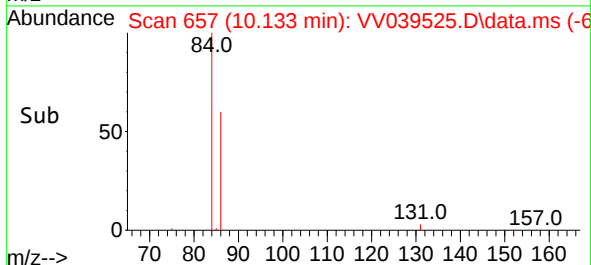
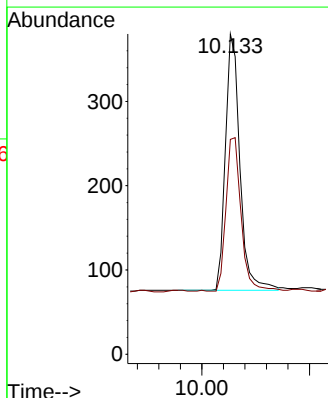
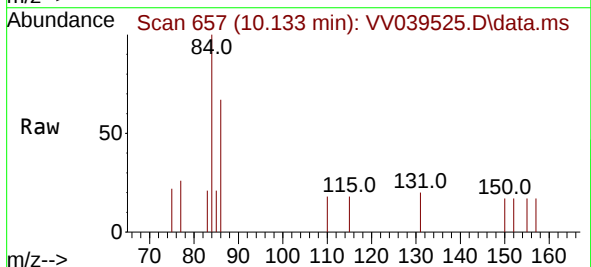
Manual Integrations
APPROVED

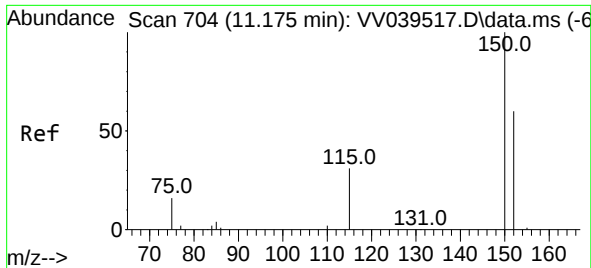
Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/12/2025



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.494 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039525.D
Acq: 10 Dec 2025 13:01

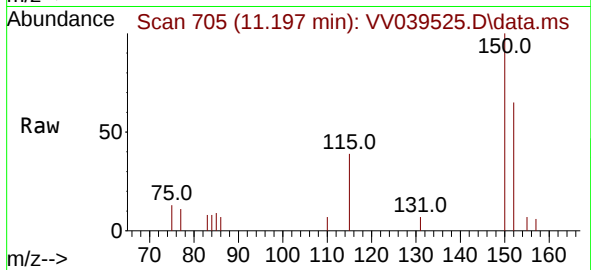
Tgt Ion: 84 Resp: 1420
Ion Ratio Lower Upper
84 100
86 62.3 44.4 82.5





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.197 min Scan# 705
 Delta R.T. 0.022 min
 Lab File: VV039525.D
 Acq: 10 Dec 2025 13:01

Instrument :
 MSVOA_V
 ClientSampleId :
 BR-04DR-451-120825-SIM



Tgt Ion:	152	Resp:	306
Ion	Ratio	Lower	Upper
152	100		
115	56.4	0.0	101.6
150	161.7	0.0	396.2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
 Supervised By :Semsettin Yesilyurt 12/12/2025

