

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039526.D
 Acq On : 10 Dec 2025 13:29
 Operator : SY/MD
 Sample : Q3813-03
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 00:06:41 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

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

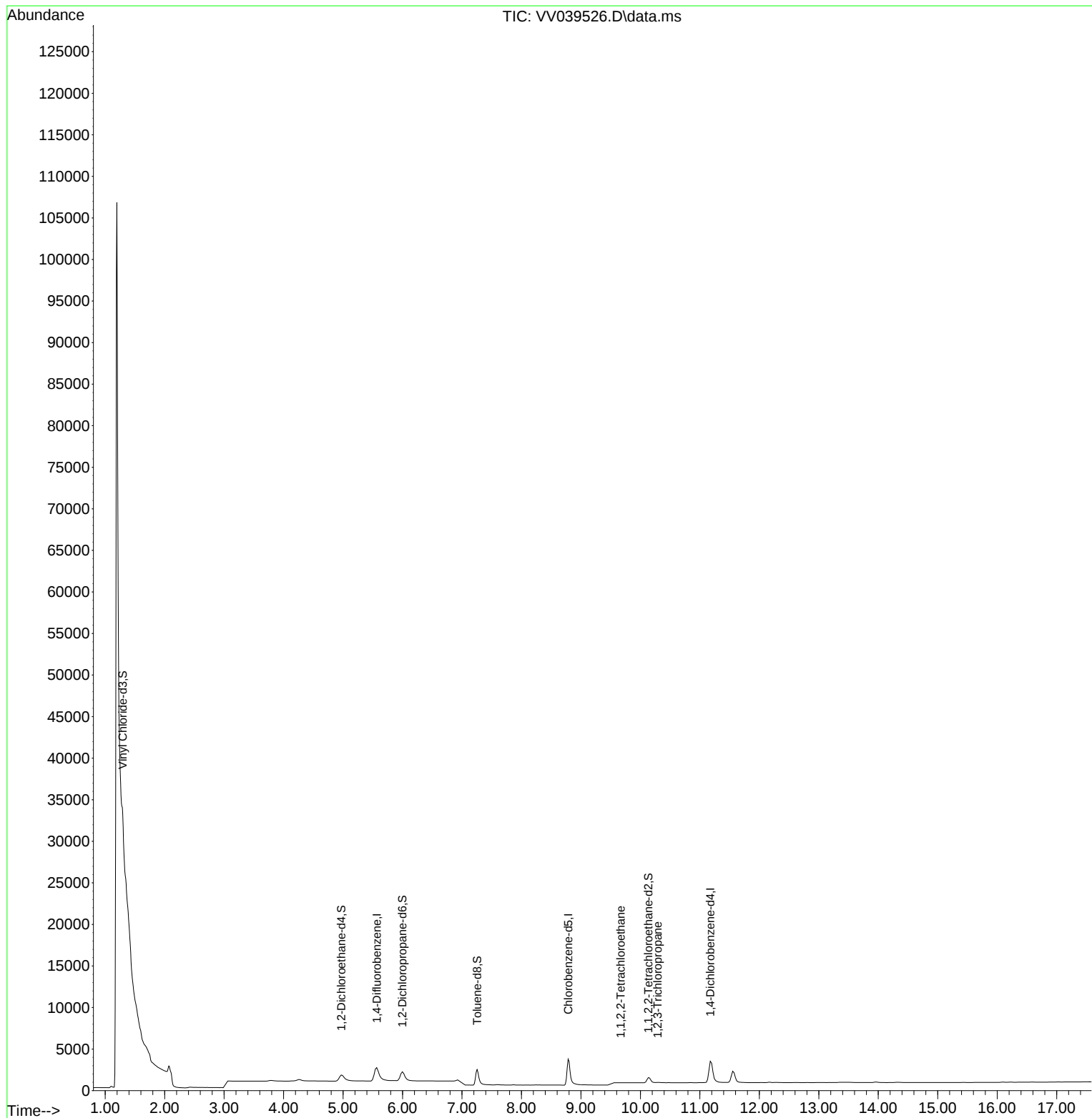
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7218	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6792	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3677	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	5595	0.790	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 158.000%#	
4) 1,2-Dichloroethane-d4	4.970	65	2013	0.419	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 84.000%	
7) 1,2-Dichloropropane-d6	5.996	67	2321	0.405	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	= 82.000%	
8) Toluene-d8	7.254	98	4445	0.460	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	= 92.000%	
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1713	0.530	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 106.000%	
Target Compounds						
					Qvalue	
11) 1,1,2,2-Tetrachloroethane	9.667	83	1334	0.196	ug/L #	67
13) 1,2,3-Trichloropropane	10.288	75	81	0.022	ug/L #	78

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

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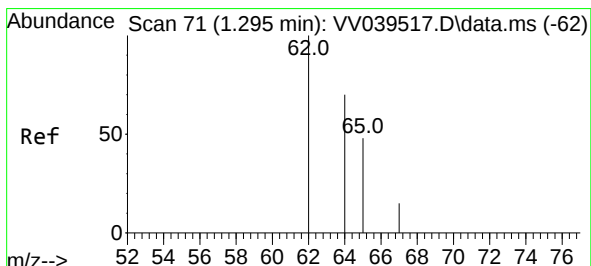
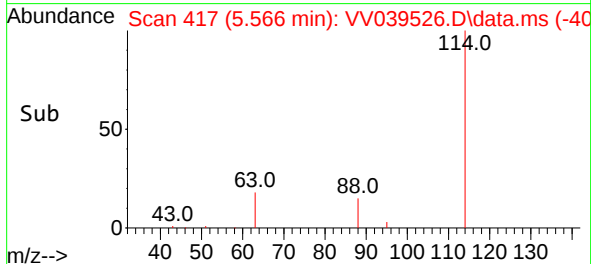
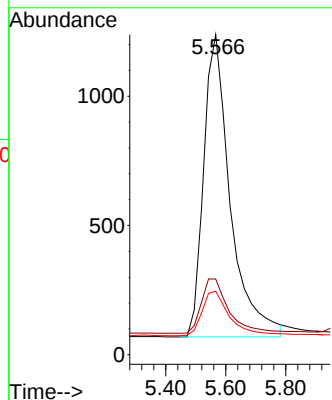
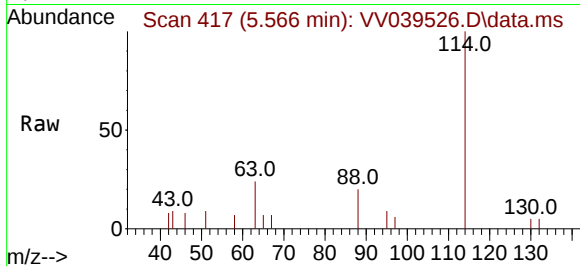




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039526.D
 Acq: 10 Dec 2025 13:29

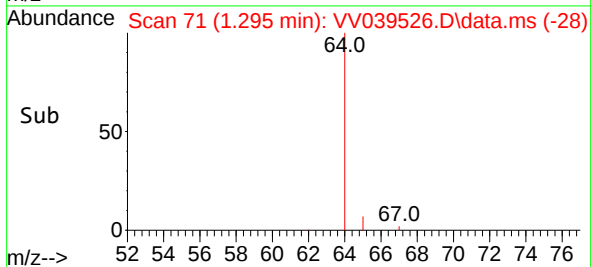
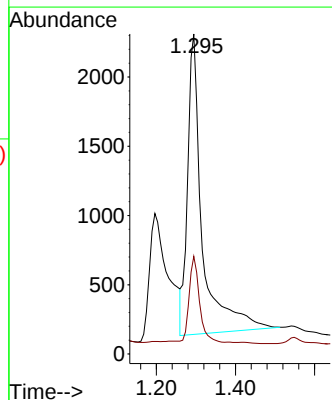
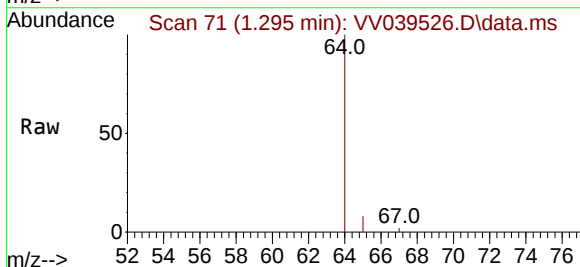
Instrument :
 MSVOA_V
 ClientSampleId :

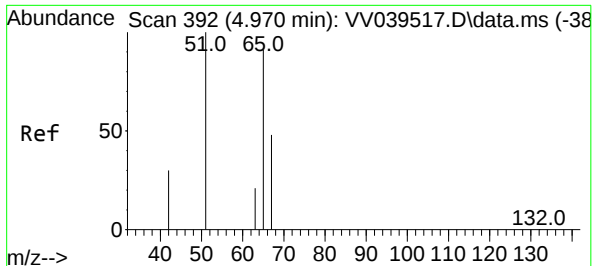
Tgt Ion:	114	Resp:	7218
Ion	Ratio	Lower	Upper
114	100		
63	18.5	15.0	22.4
88	15.3	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.790 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039526.D
 Acq: 10 Dec 2025 13:29

Tgt Ion:	65	Resp:	5595
Ion	Ratio	Lower	Upper
65	100		
67	19.8	22.3	41.5#

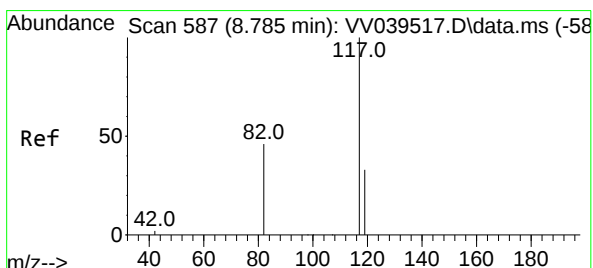
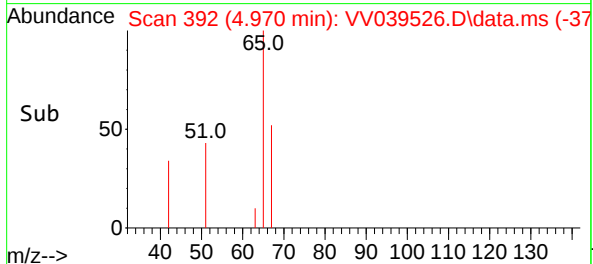
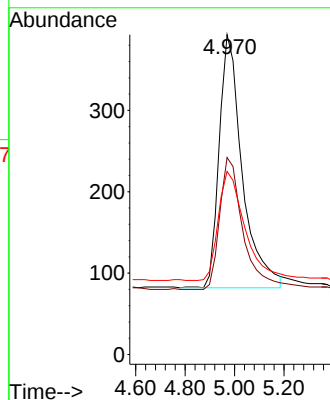
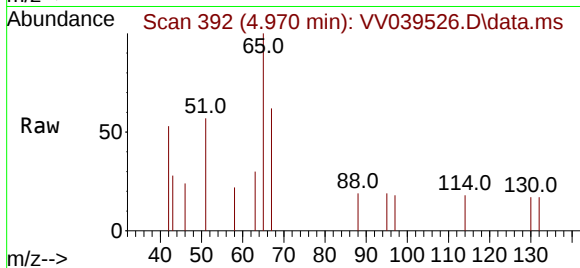




#4
1,2-Dichloroethane-d4
Concen: 0.419 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039526.D
Acq: 10 Dec 2025 13:29

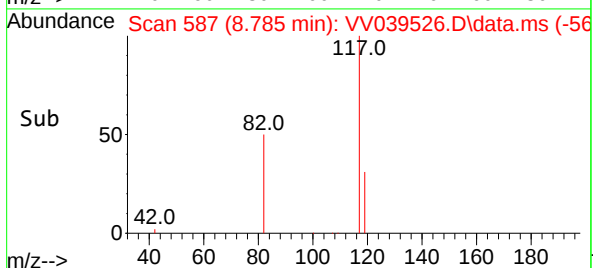
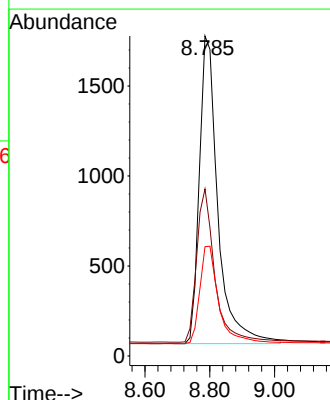
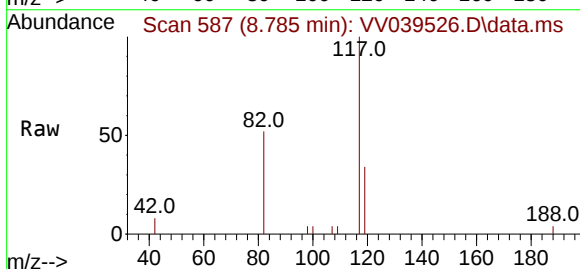
Instrument :
MSVOA_V
ClientSampleId :

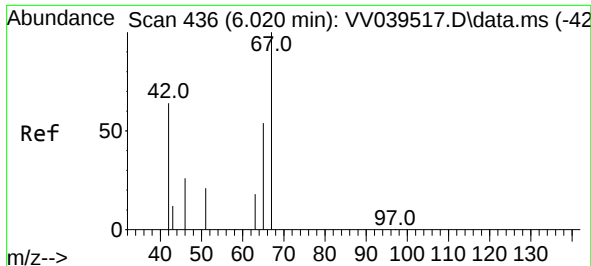
Tgt Ion: 65 Resp: 2013
Ion Ratio Lower Upper
65 100
67 52.3 32.5 60.3
51 49.5 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039526.D
Acq: 10 Dec 2025 13:29

Tgt Ion: 117 Resp: 6792
Ion Ratio Lower Upper
117 100
82 48.6 39.4 59.2
119 32.4 26.2 39.2

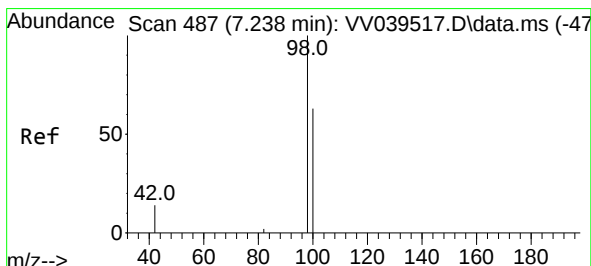
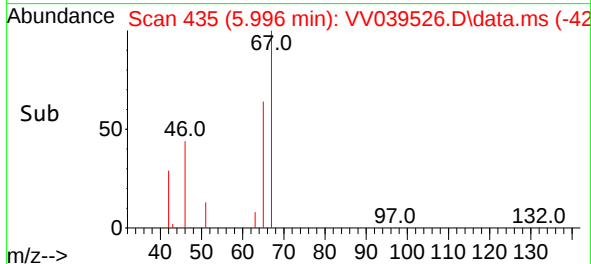
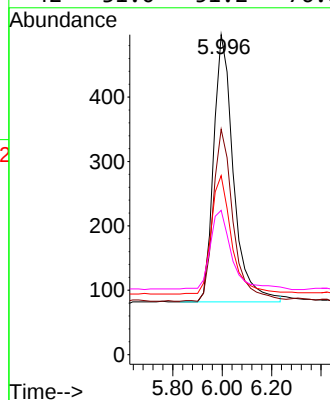
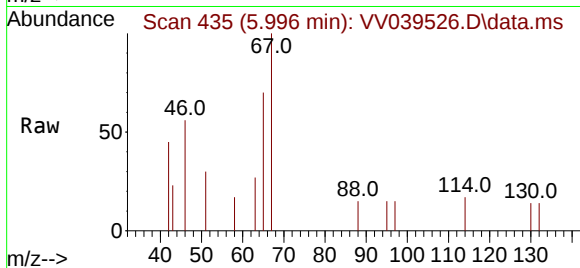




#7
1,2-Dichloropropane-d6
Concen: 0.405 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039526.D
Acq: 10 Dec 2025 13:29

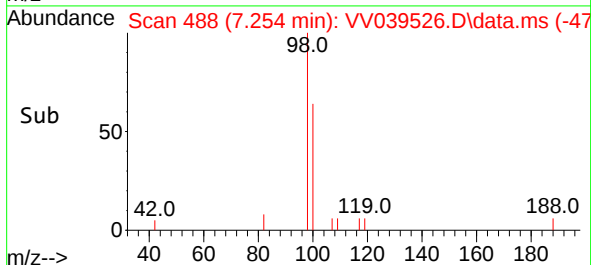
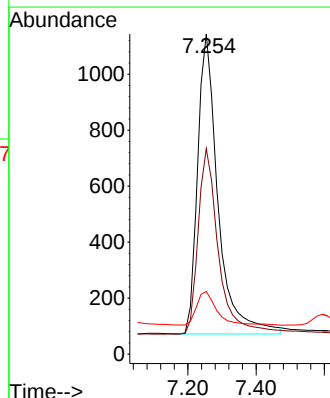
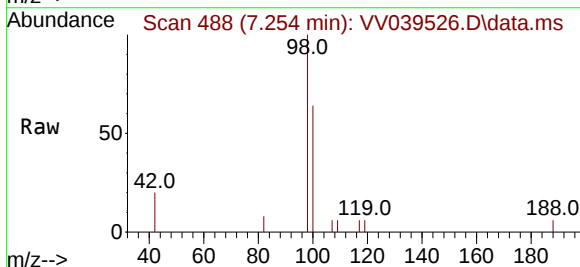
Instrument :
MSVOA_V
ClientSampleId :

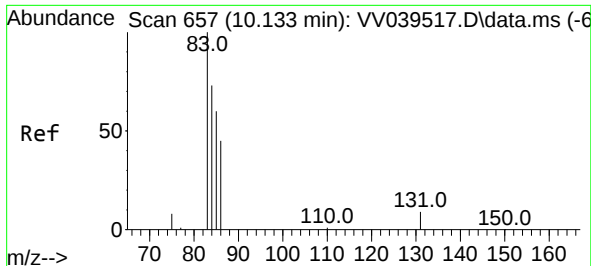
Tgt Ion:	67	Resp:	2321
Ion	Ratio	Lower	Upper
67	100		
65	64.8	37.9	56.9#
46	45.5	27.4	41.0#
42	31.0	51.2	76.8#



#8
Toluene-d8
Concen: 0.460 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039526.D
Acq: 10 Dec 2025 13:29

Tgt Ion:	98	Resp:	4445
Ion	Ratio	Lower	Upper
98	100		
100	61.5	44.5	82.7
42	11.2	10.1	18.7

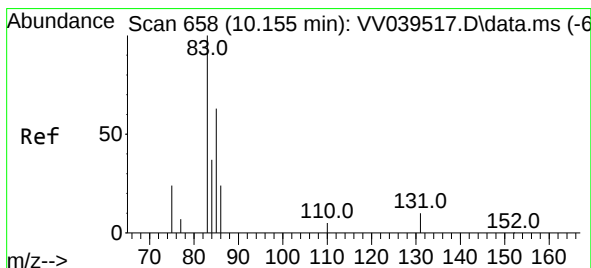
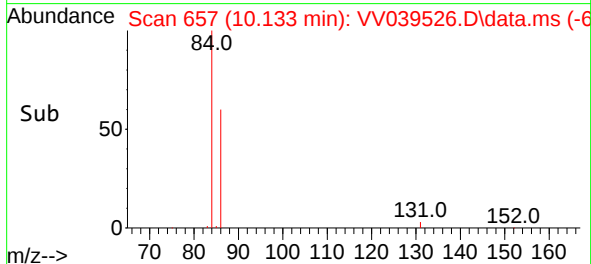
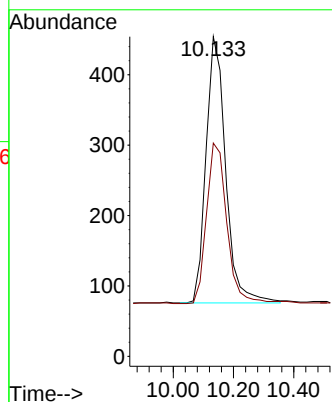
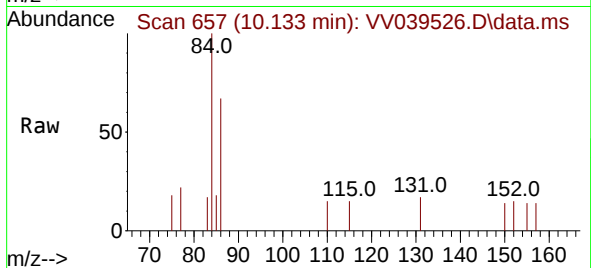




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.530 ug/L
RT: 10.133 min Scan# 610
Delta R.T. 0.000 min
Lab File: VV039526.D
Acq: 10 Dec 2025 13:29

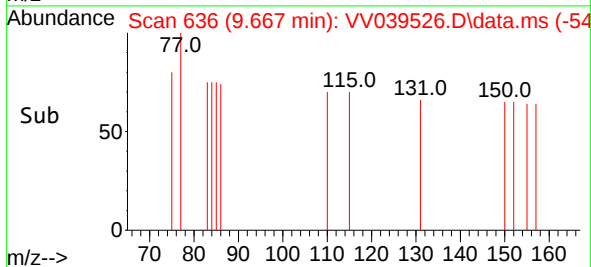
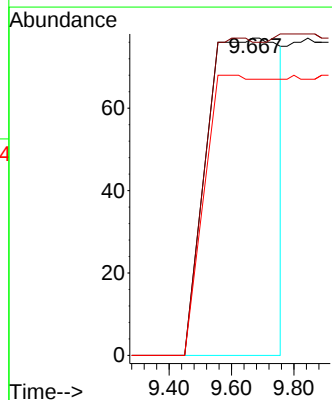
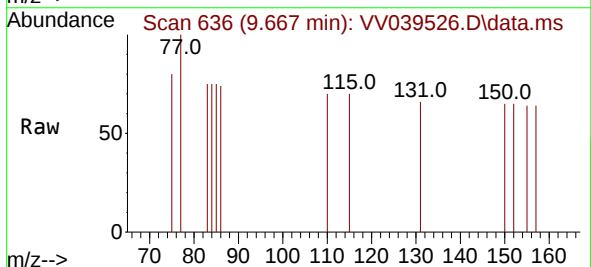
Instrument :
MSVOA_V
ClientSampleId :

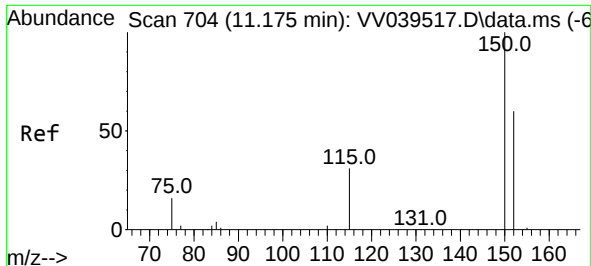
Tgt Ion: 84 Resp: 1713
Ion Ratio Lower Upper
84 100
86 62.2 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.196 ug/L
RT: 9.667 min Scan# 636
Delta R.T. -0.488 min
Lab File: VV039526.D
Acq: 10 Dec 2025 13:29

Tgt Ion: 83 Resp: 1334
Ion Ratio Lower Upper
83 100
85 76.6 51.0 76.6#
131 60.6 8.6 12.8#





#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.175 min Scan# 704

Delta R.T. 0.000 min

Lab File: VV039526.D

Acq: 10 Dec 2025 13:29

Instrument :

MSVOA_V

ClientSampleId :

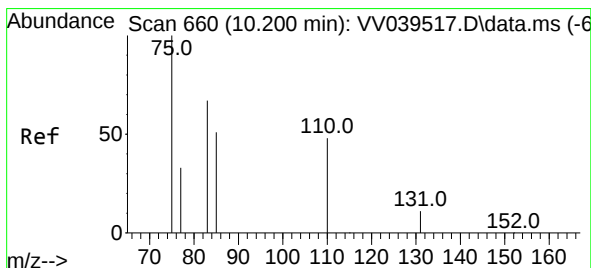
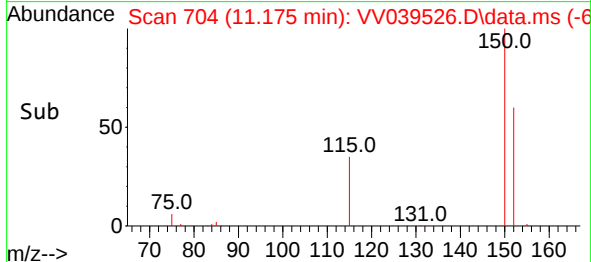
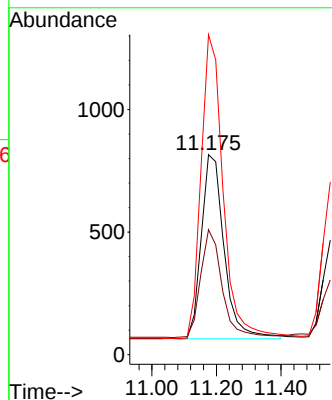
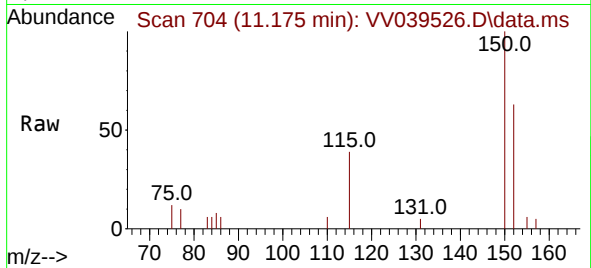
Tgt Ion:152 Resp: 3677

Ion Ratio Lower Upper

152 100

115 54.9 0.0 101.6

150 160.1 0.0 396.2



#13

1,2,3-Trichloropropane

Concen: 0.022 ug/L

RT: 10.288 min Scan# 664

Delta R.T. 0.089 min

Lab File: VV039526.D

Acq: 10 Dec 2025 13:29

Tgt Ion: 75 Resp: 81

Ion Ratio Lower Upper

75 100

110 39.5 37.8 56.6

77 11.1 25.6 38.4#

