

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039461.D
 Acq On : 04 Dec 2025 11:39
 Operator : SY/MD
 Sample : Q3756-09
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 05 00:09:00 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

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

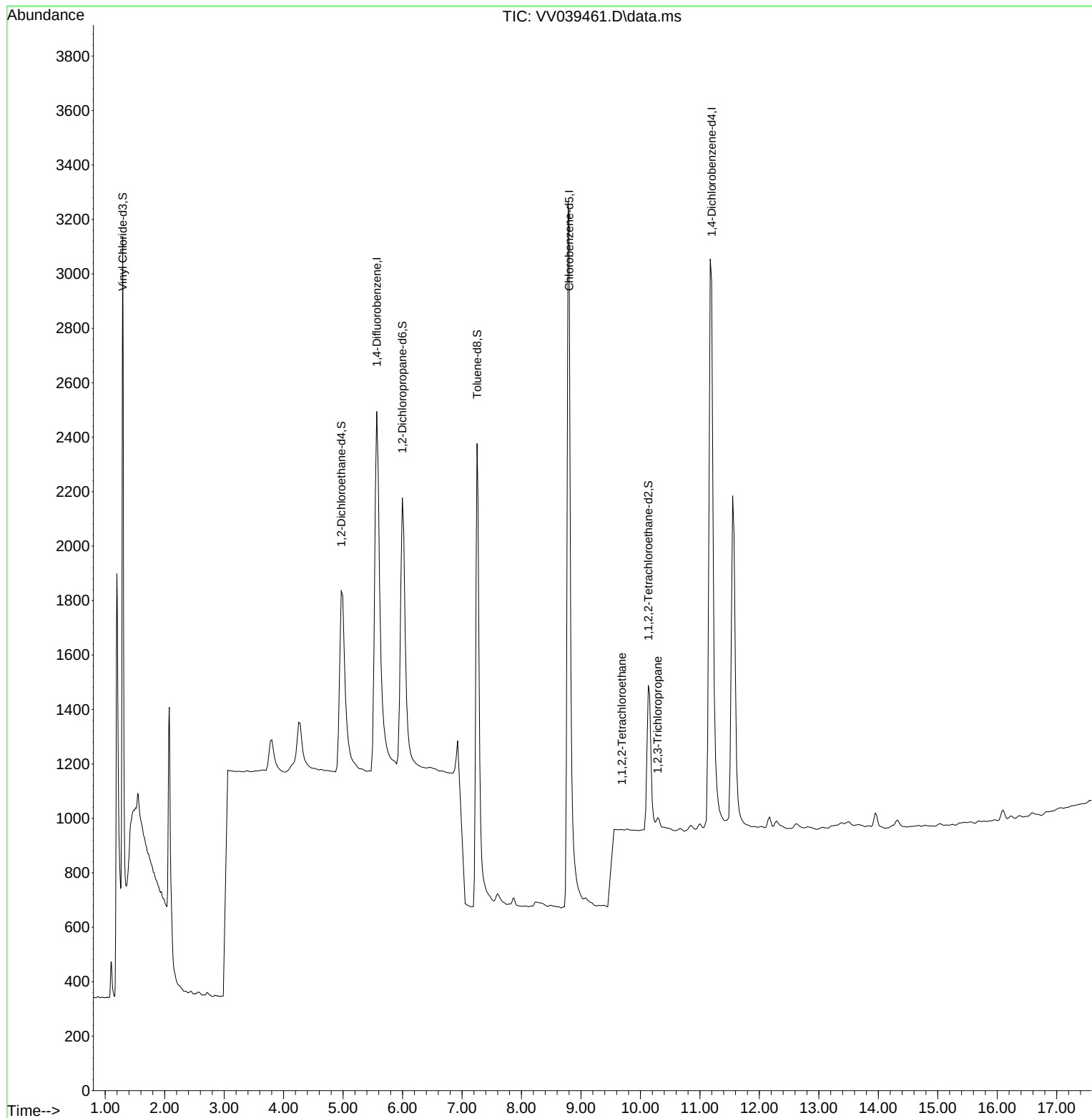
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5924	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5926	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3125	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3303	0.554	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	110.000%
4) 1,2-Dichloroethane-d4	4.970	65	1835	0.465	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
7) 1,2-Dichloropropane-d6	5.996	67	2147	0.429	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	86.000%
8) Toluene-d8	7.254	98	4094	0.485	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1512	0.537	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
11) 1,1,2,2-Tetrachloroethane	9.689	83	1351	0.227	ug/L #	90
13) 1,2,3-Trichloropropane	10.288	75	73	0.022	ug/L	94

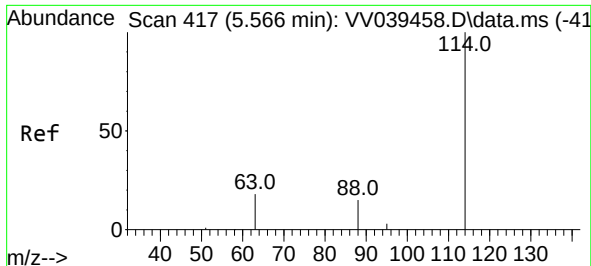
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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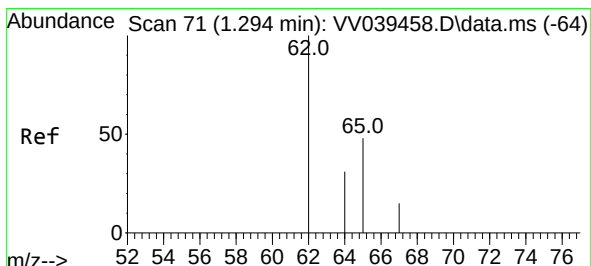
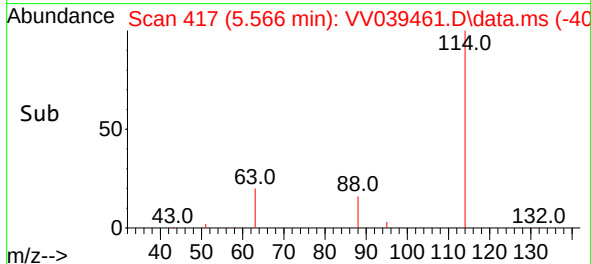
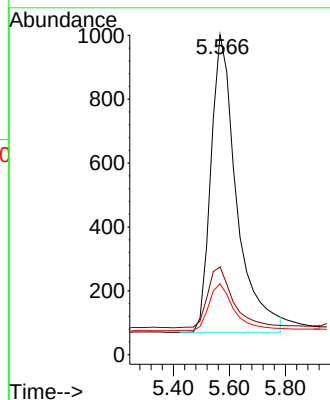
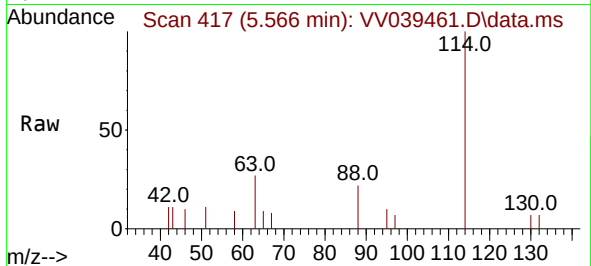




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

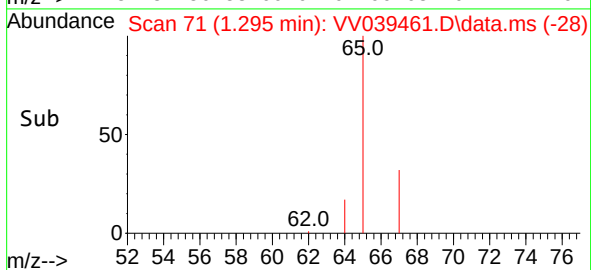
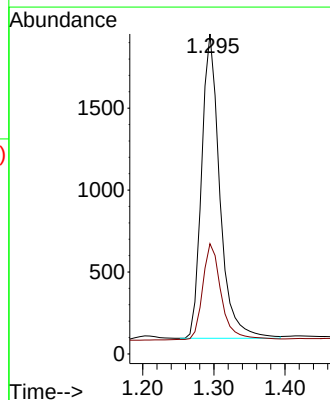
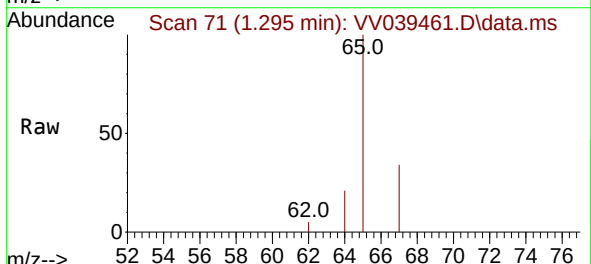
Instrument :
MSVOA_V
ClientSampleId :

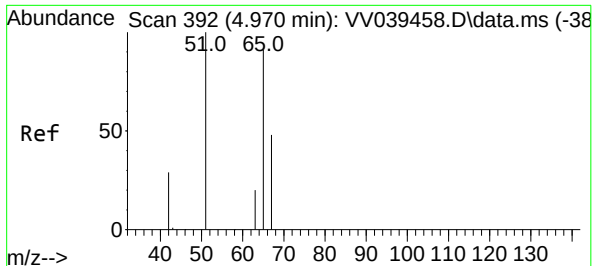
Tgt Ion:	114	Resp:	5924
Ion	Ratio	Lower	Upper
114	100		
63	20.6	15.0	22.4
88	15.7	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.554 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

Tgt Ion:	65	Resp:	3303
Ion	Ratio	Lower	Upper
65	100		
67	33.1	22.3	41.5

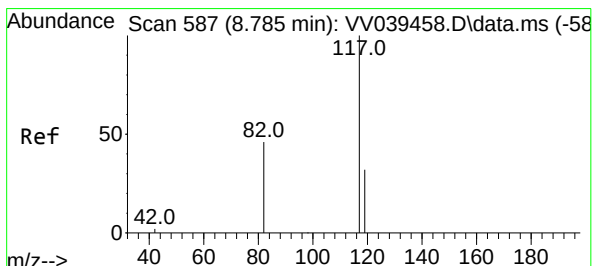
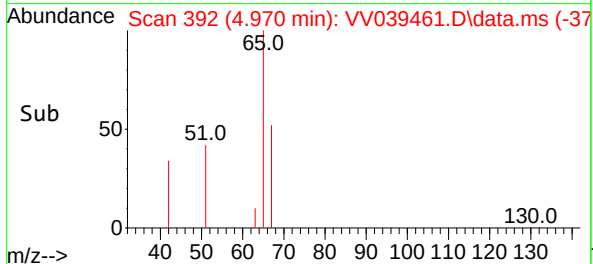
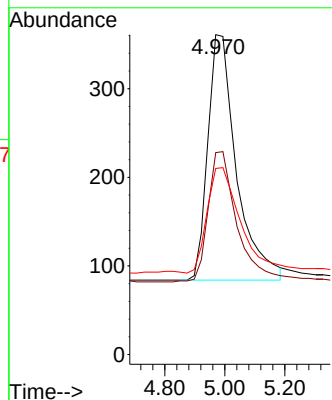
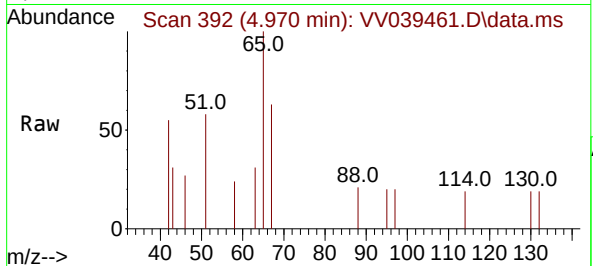




#4
1,2-Dichloroethane-d4
Concen: 0.465 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

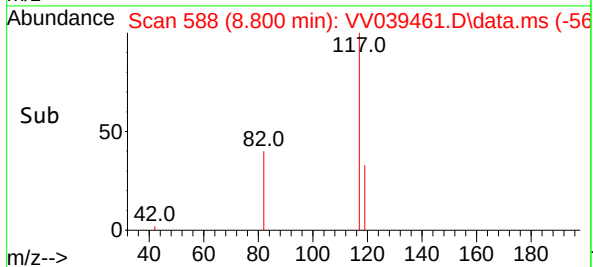
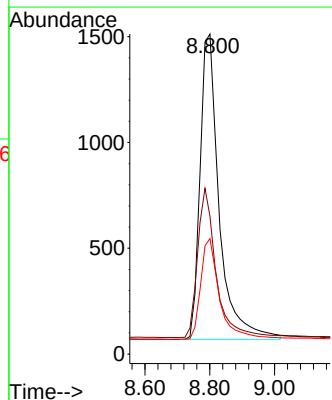
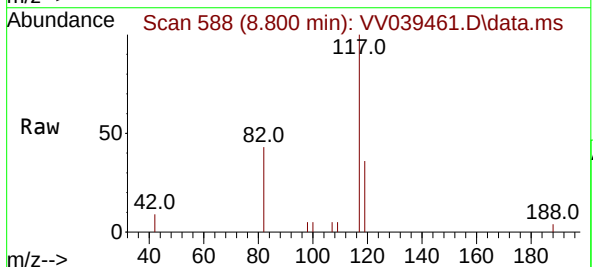
Instrument :
MSVOA_V
ClientSampleId :

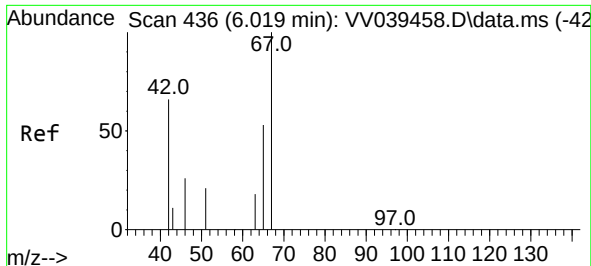
Tgt Ion: 65 Resp: 1835
Ion Ratio Lower Upper
65 100
67 53.2 32.5 60.3
51 49.9 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

Tgt Ion: 117 Resp: 5926
Ion Ratio Lower Upper
117 100
82 47.2 39.4 59.2
119 32.7 26.2 39.2

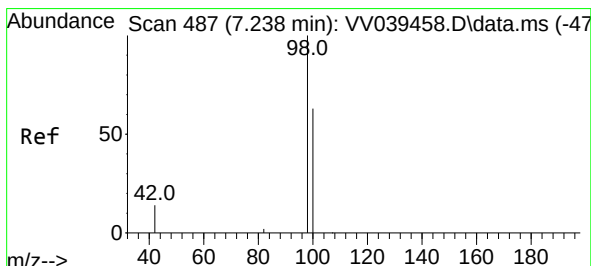
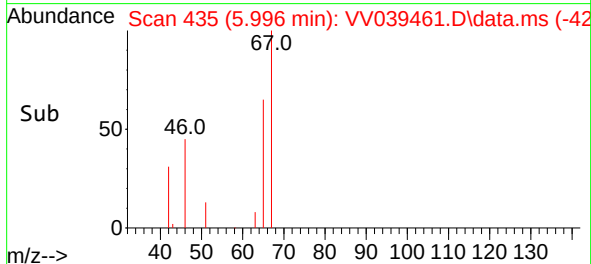
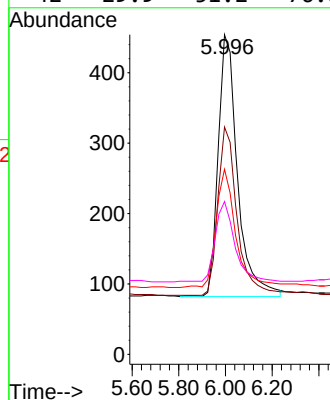
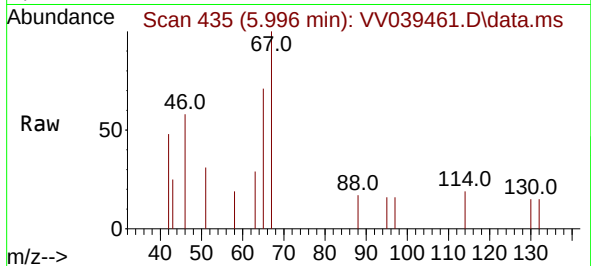




#7
1,2-Dichloropropane-d6
Concen: 0.429 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

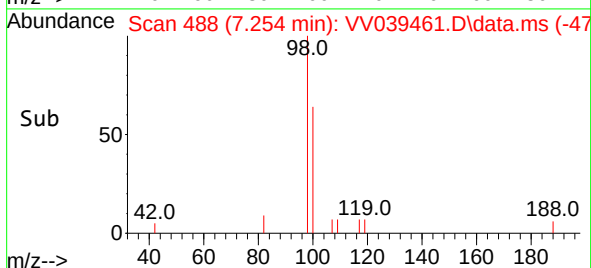
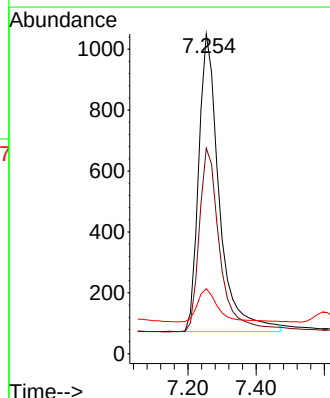
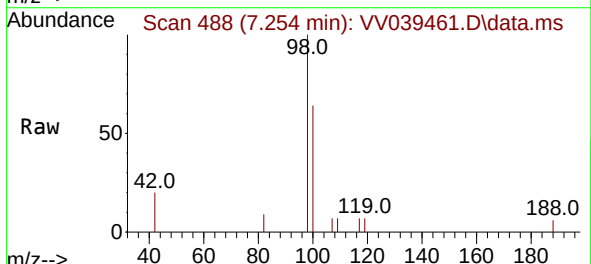
Instrument :
MSVOA_V
ClientSampleId :

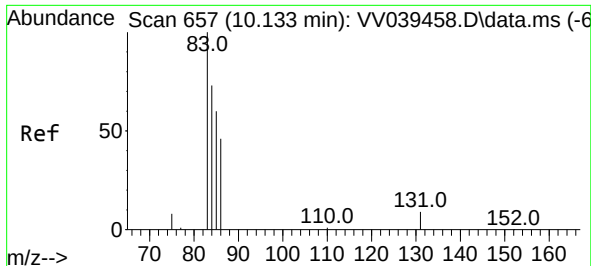
Tgt Ion:	67	Resp:	2147
Ion	Ratio	Lower	Upper
67	100		
65	63.7	37.9	56.9#
46	45.9	27.4	41.0#
42	29.9	51.2	76.8#



#8
Toluene-d8
Concen: 0.485 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

Tgt Ion:	98	Resp:	4094
Ion	Ratio	Lower	Upper
98	100		
100	61.6	44.5	82.7
42	11.0	10.1	18.7

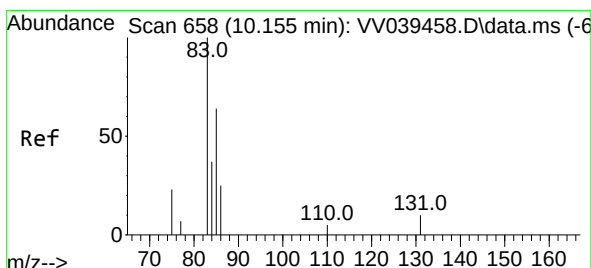
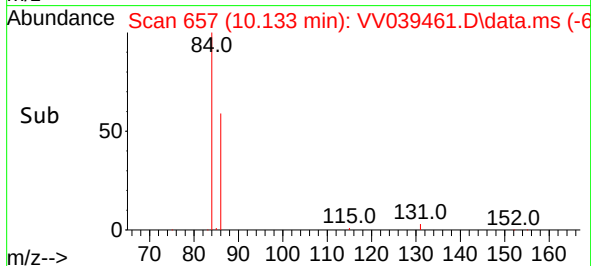
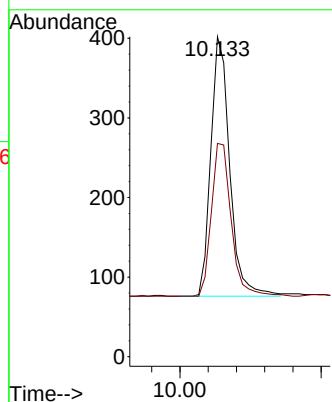
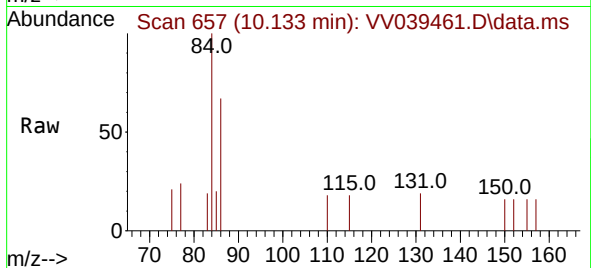




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.537 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

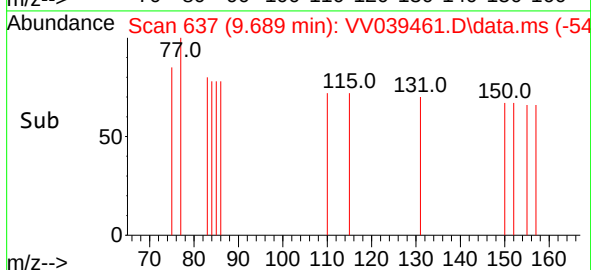
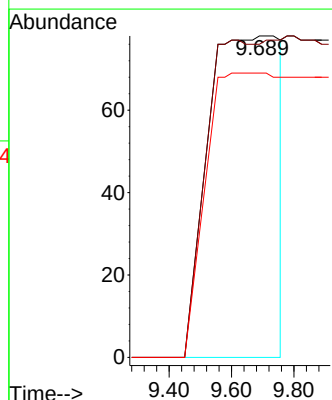
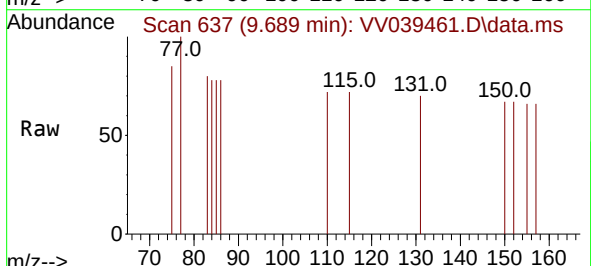
Instrument :
MSVOA_V
ClientSampleId :

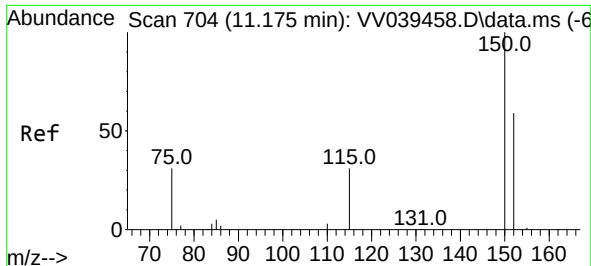
Tgt Ion: 84 Resp: 1512
Ion Ratio Lower Upper
84 100
86 61.4 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.227 ug/L
RT: 9.689 min Scan# 637
Delta R.T. -0.466 min
Lab File: VV039461.D
Acq: 04 Dec 2025 11:39

Tgt Ion: 83 Resp: 1351
Ion Ratio Lower Upper
83 100
85 67.6 51.0 76.6
131 26.1 8.6 12.8#





#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 704

Delta R.T. 0.022 min

Lab File: VV039461.D

Acq: 04 Dec 2025 11:39

Instrument :

MSVOA_V

ClientSampleId :

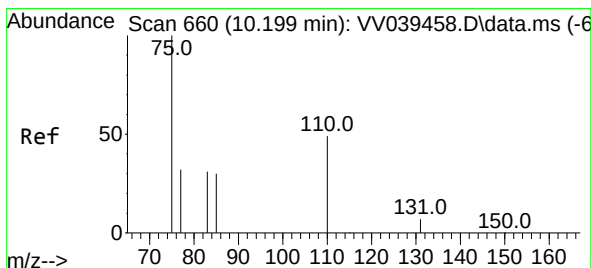
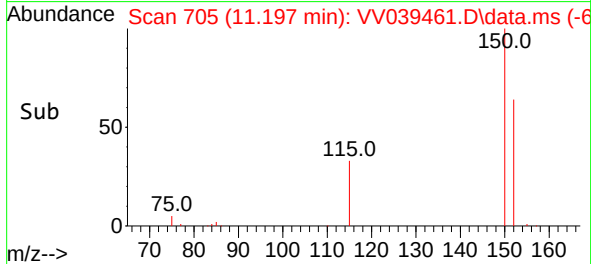
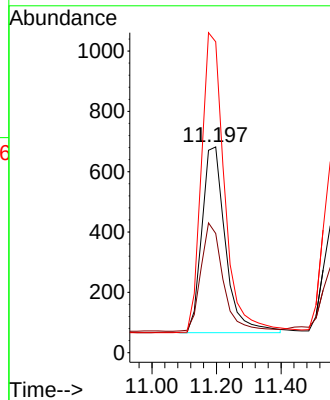
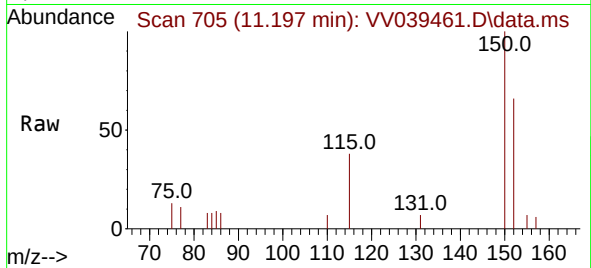
Tgt Ion:152 Resp: 3125

Ion Ratio Lower Upper

152 100

115 55.1 0.0 101.6

150 158.4 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: VV039461.D

Acq: 04 Dec 2025 11:39

Tgt Ion: 75 Resp: 73

Ion Ratio Lower Upper

75 100

110 50.7 37.8 56.6

77 27.4 25.6 38.4

