

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039537.D
 Acq On : 11 Dec 2025 13:15
 Operator : SY/MD
 Sample : Q3835-06
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TB01-121025

Quant Time: Dec 12 00:48:24 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	6332	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6198	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	3238	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3231	0.520	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	104.000%
4) 1,2-Dichloroethane-d4	4.994	65	1926	0.457	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	5.996	67	2170	0.415	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	82.000%
8) Toluene-d8	7.254	98	4016	0.455	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1592	0.540	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.000%

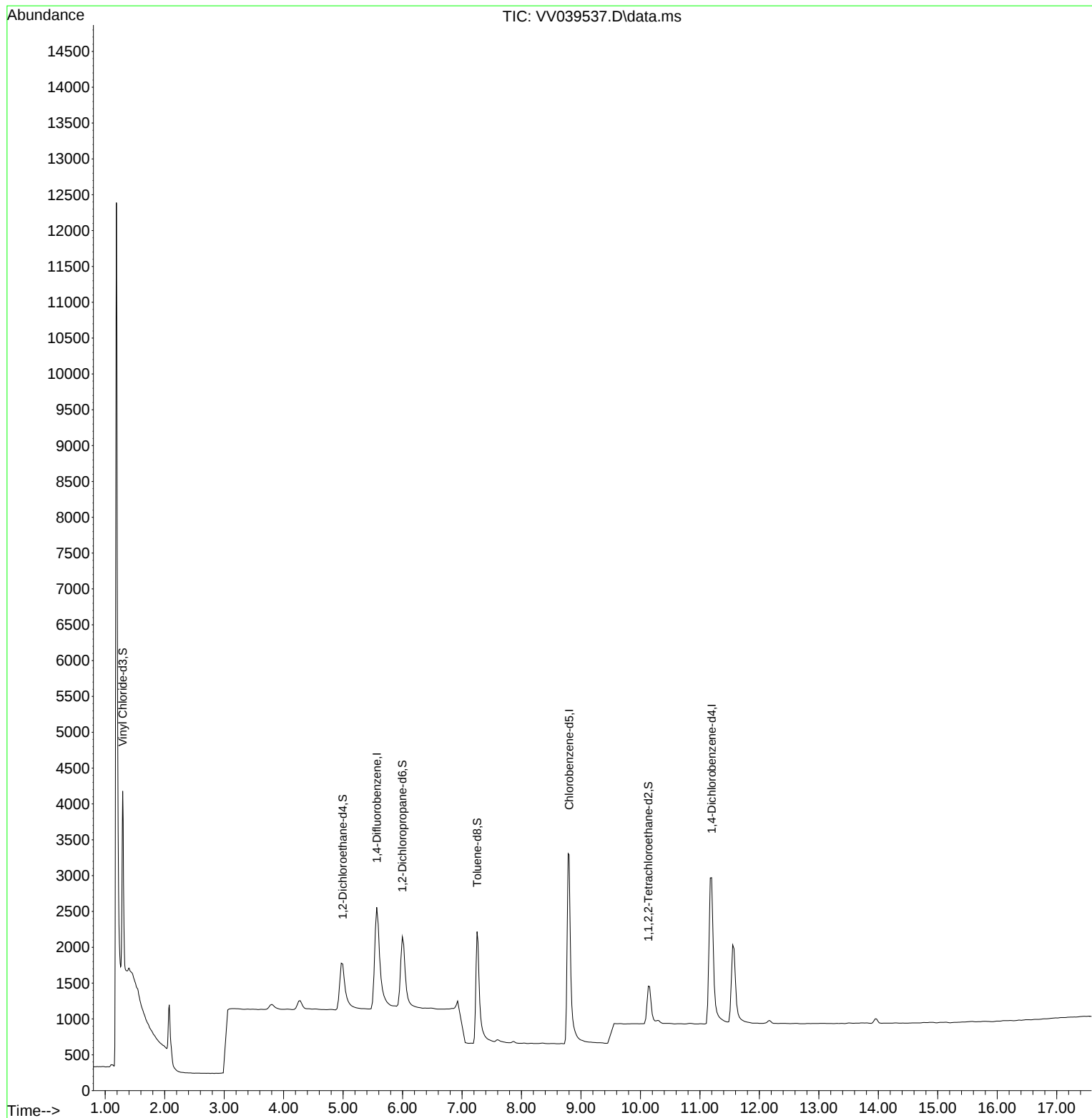
Target Compounds	Qvalue

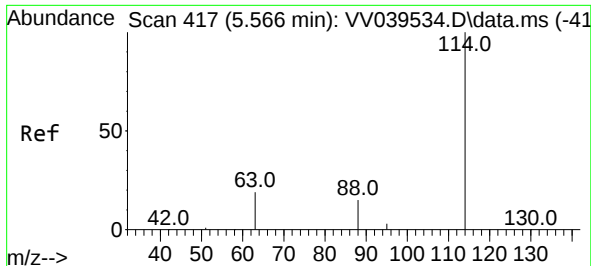
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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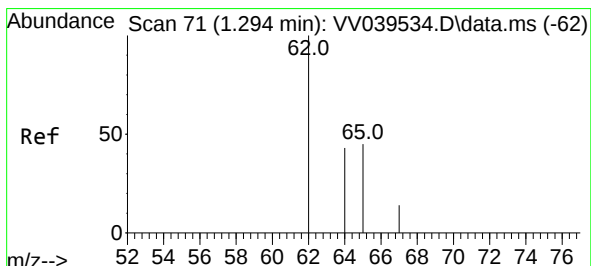
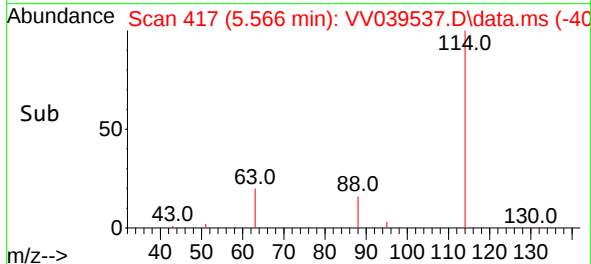
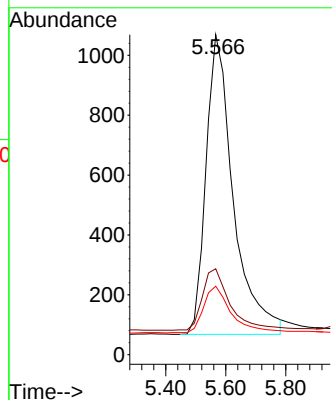
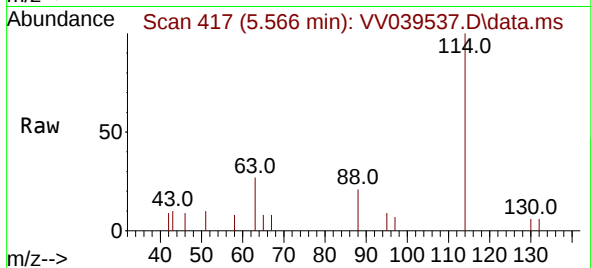




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039537.D
Acq: 11 Dec 2025 13:15

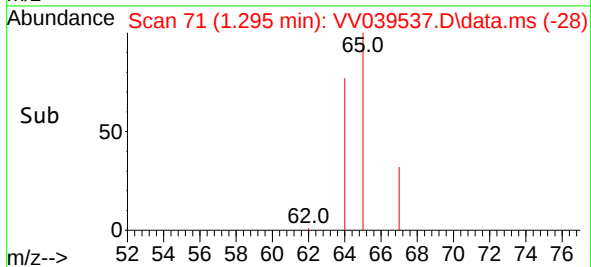
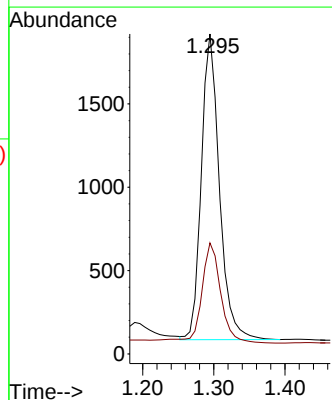
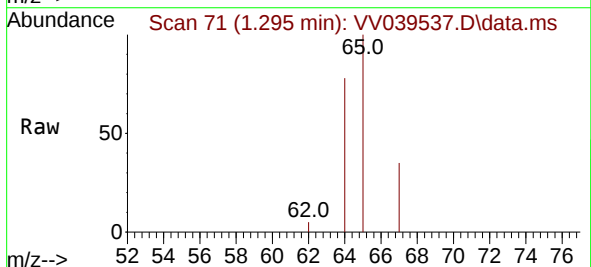
Instrument :
MSVOA_V
ClientSampleId :
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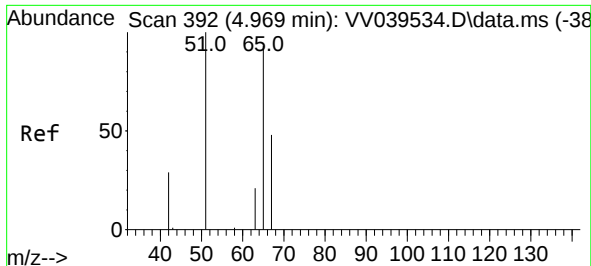
Tgt Ion:114 Resp: 6332
Ion Ratio Lower Upper
114 100
63 20.5 15.0 22.4
88 15.7 12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.520 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039537.D
Acq: 11 Dec 2025 13:15

Tgt Ion: 65 Resp: 3231
Ion Ratio Lower Upper
65 100
67 35.3 22.3 41.5

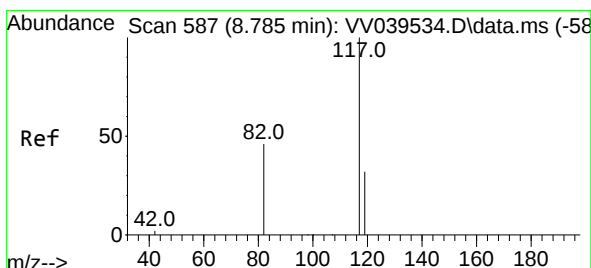
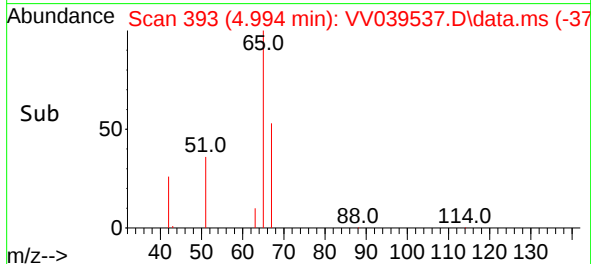
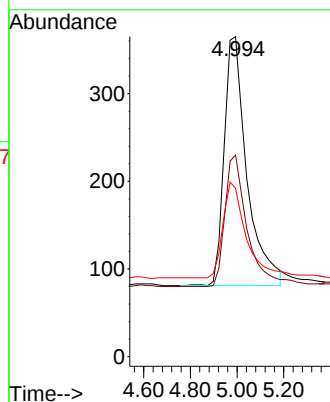
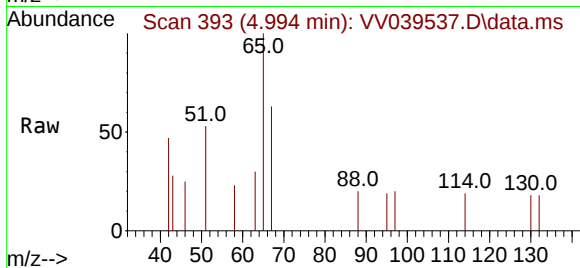




#4
1,2-Dichloroethane-d4
Concen: 0.457 ug/L
RT: 4.994 min Scan# 393
Delta R.T. 0.025 min
Lab File: VV039537.D
Acq: 11 Dec 2025 13:15

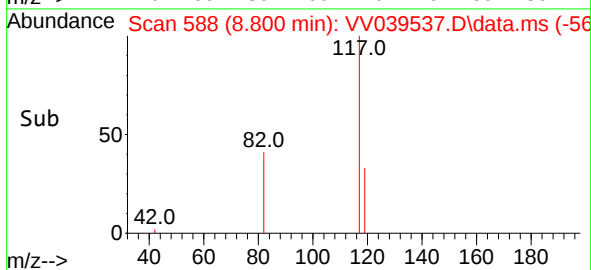
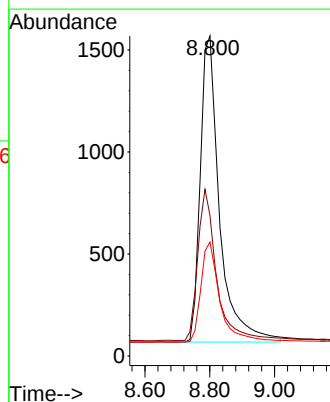
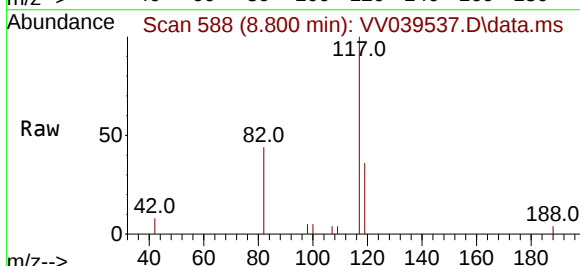
Instrument :
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TB01-121025

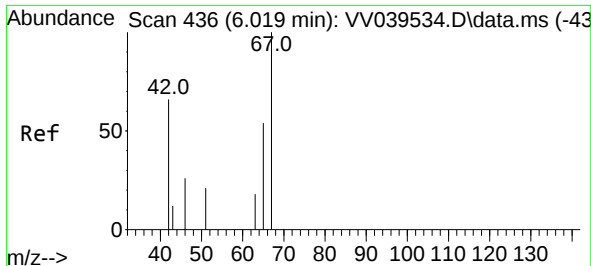
Tgt Ion: 65 Resp: 1926
Ion Ratio Lower Upper
65 100
67 50.9 32.5 60.3
51 38.4 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039537.D
Acq: 11 Dec 2025 13:15

Tgt Ion: 117 Resp: 6198
Ion Ratio Lower Upper
117 100
82 48.0 39.4 59.2
119 32.3 26.2 39.2

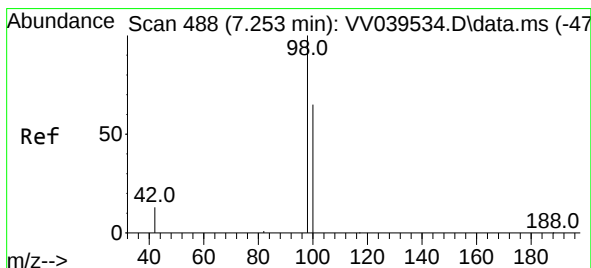
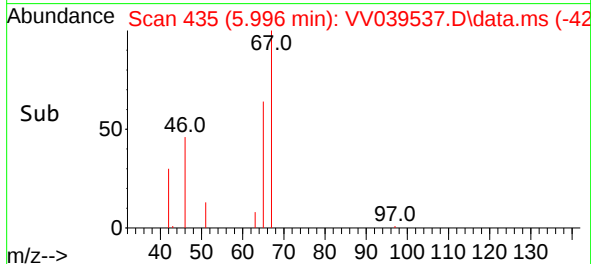
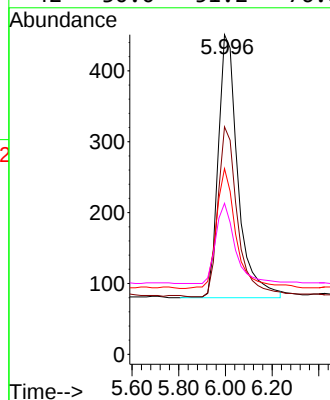
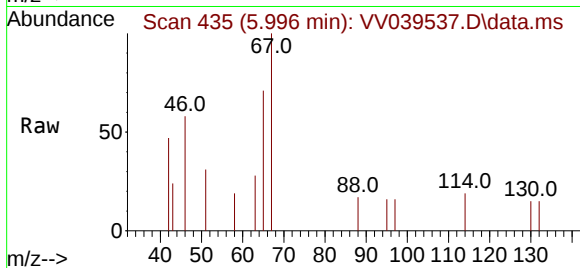




#7
1,2-Dichloropropane-d6
Concen: 0.415 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039537.D
Acq: 11 Dec 2025 13:15

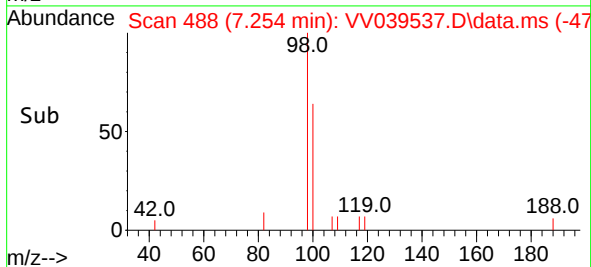
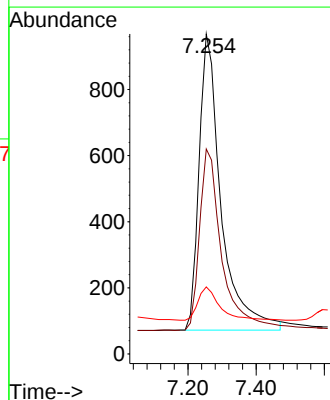
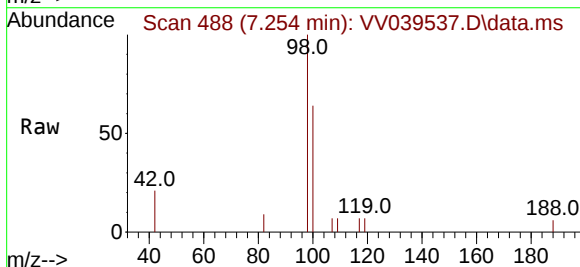
Instrument :
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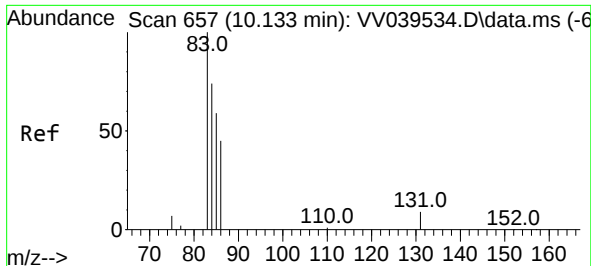
Tgt Ion:	67	Resp:	2170
Ion	Ratio	Lower	Upper
67	100		
65	64.8	37.9	56.9#
46	44.9	27.4	41.0#
42	30.0	51.2	76.8#



#8
Toluene-d8
Concen: 0.455 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039537.D
Acq: 11 Dec 2025 13:15

Tgt Ion:	98	Resp:	4016
Ion	Ratio	Lower	Upper
98	100		
100	61.6	44.5	82.7
42	11.1	10.1	18.7

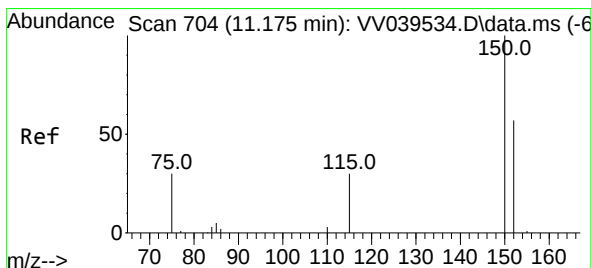
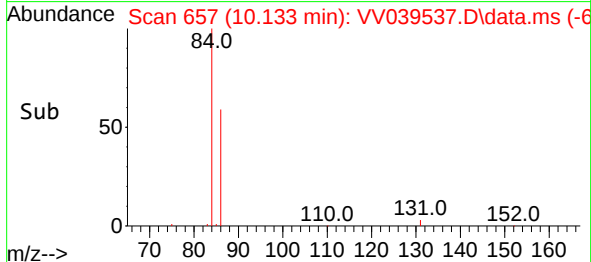
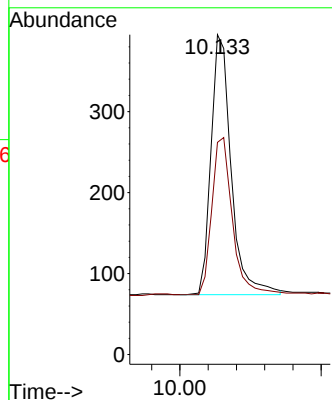
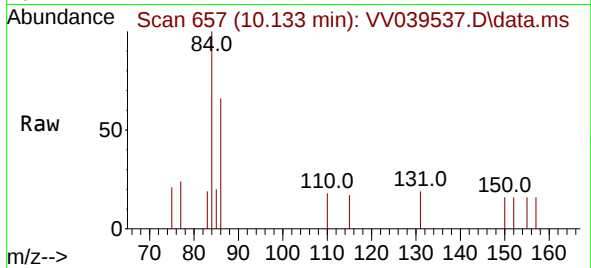




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.540 ug/L
RT: 10.133 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV039537.D
Acq: 11 Dec 2025 13:15

Instrument :
MSVOA_V
ClientSampleId :
TB01-121025

Tgt Ion: 84 Resp: 1592
Ion Ratio Lower Upper
84 100
86 61.2 44.4 82.5



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.198 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039537.D
Acq: 11 Dec 2025 13:15

Tgt Ion: 152 Resp: 3238
Ion Ratio Lower Upper
152 100
115 54.6 0.0 101.6
150 158.2 0.0 396.2

