

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039507.D
 Acq On : 09 Dec 2025 16:24
 Operator : SY/MD
 Sample : Q3787-10
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OWBR-02-170-120425-SIM-FD

Quant Time: Dec 10 01:17:25 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)

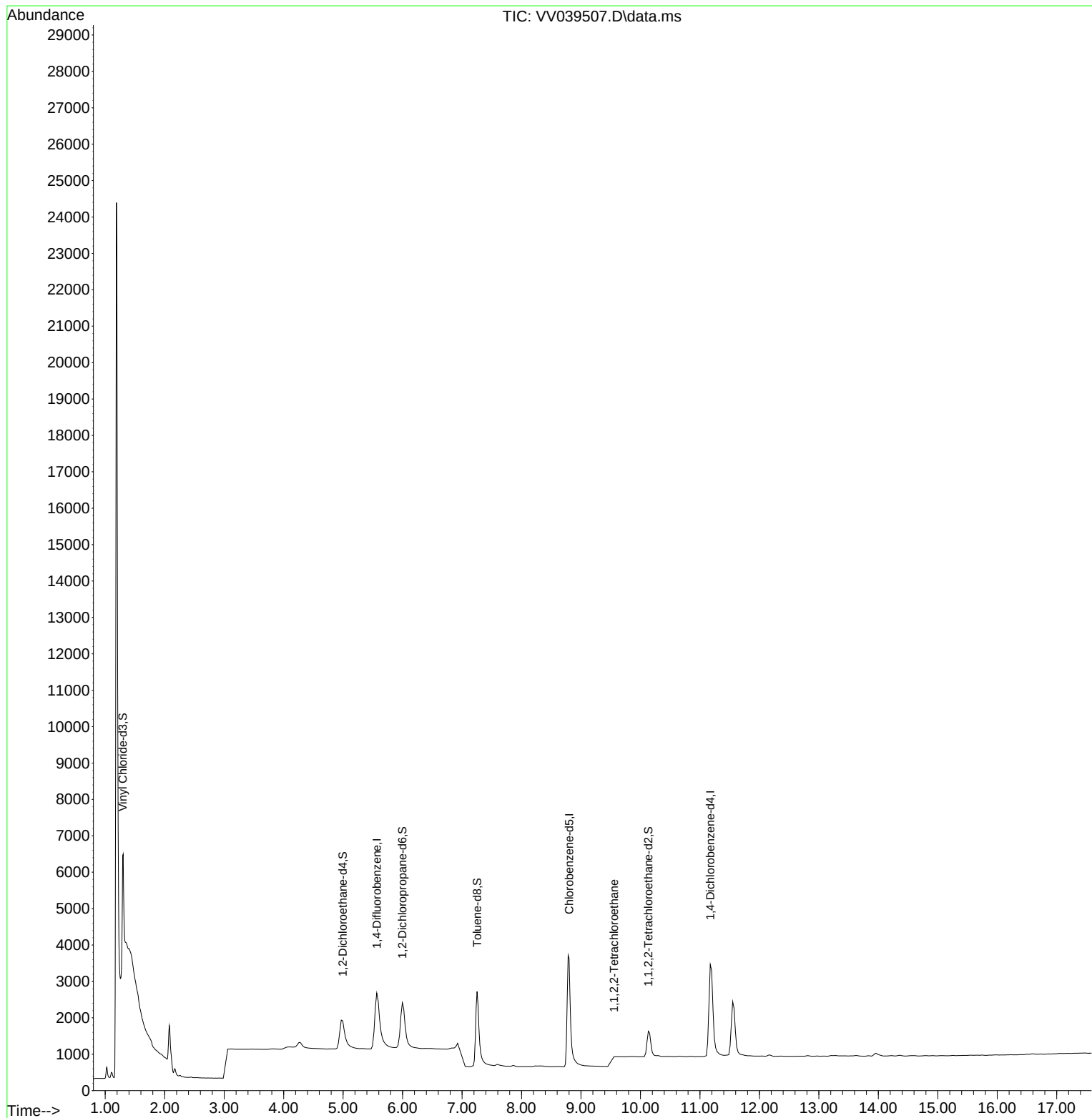
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6812	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6882	0.500	ug/L	0.01
12) 1,4-Dichlorobenzene-d4	11.175	152	3706	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	4318	0.646	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	130.000%
4) 1,2-Dichloroethane-d4	4.993	65	2276	0.502	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.000%
7) 1,2-Dichloropropane-d6	5.995	67	2643	0.455	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	92.000%
8) Toluene-d8	7.253	98	5014	0.512	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.000%
10) 1,1,2,2-Tetrachloroeth...	10.132	84	1940	0.593	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	118.000%
Target Compounds						
11) 1,1,2,2-Tetrachloroethane	9.556	83	289	0.042	ug/L	# 1

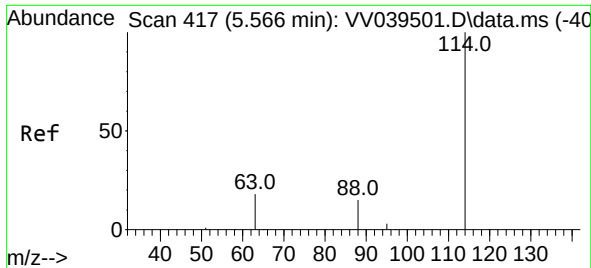
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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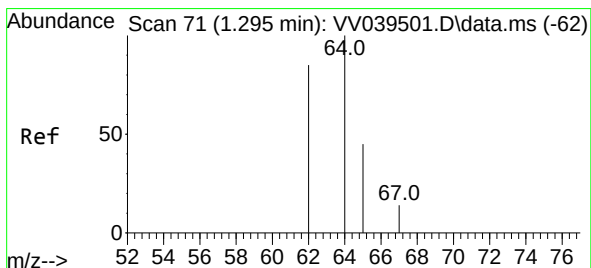
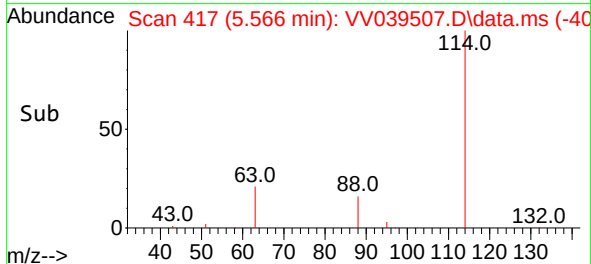
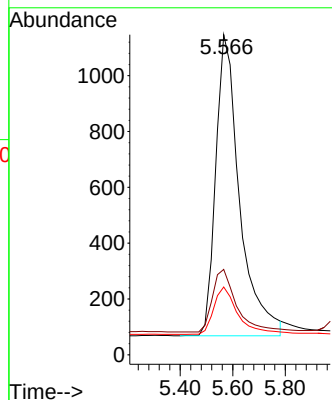
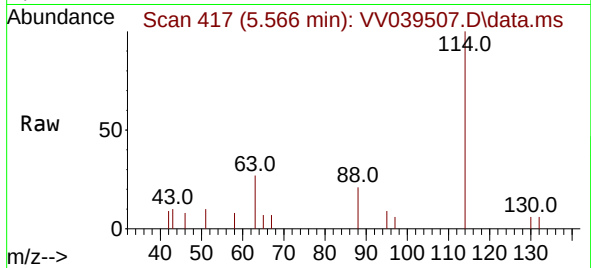




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039507.D
Acq: 09 Dec 2025 16:24

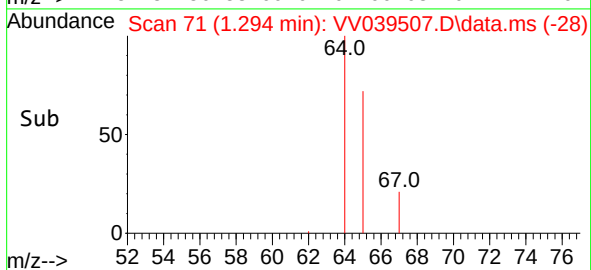
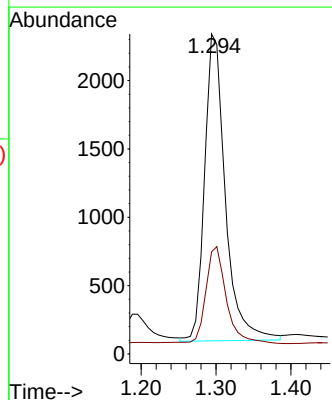
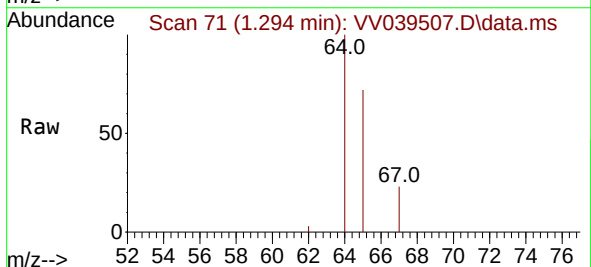
Instrument : MSVOA_V
ClientSampleId : OWBR-02-170-120425-SIM-FD

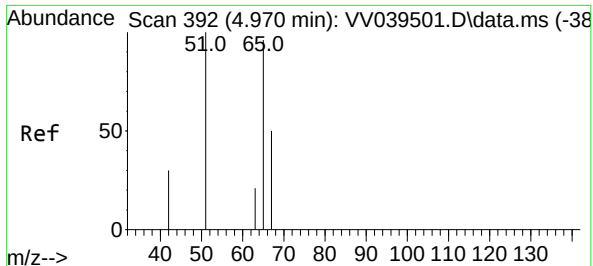
Tgt Ion:	114	Resp:	6812
Ion	Ratio	Lower	Upper
114	100		
63	20.7	15.0	22.4
88	15.9	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.646 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039507.D
Acq: 09 Dec 2025 16:24

Tgt Ion:	65	Resp:	4318
Ion	Ratio	Lower	Upper
65	100		
67	31.5	22.3	41.5

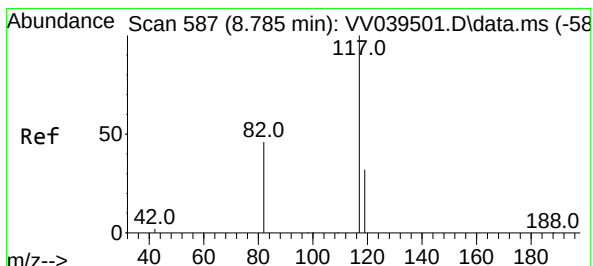
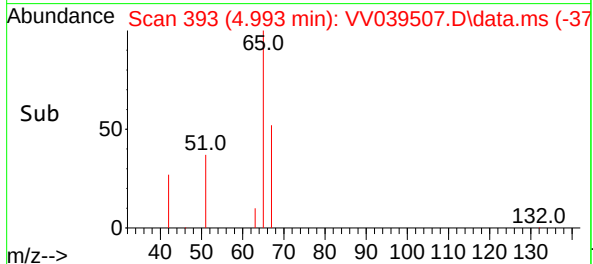
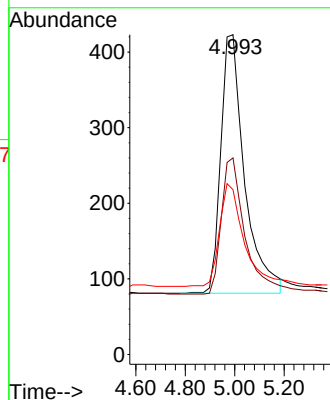
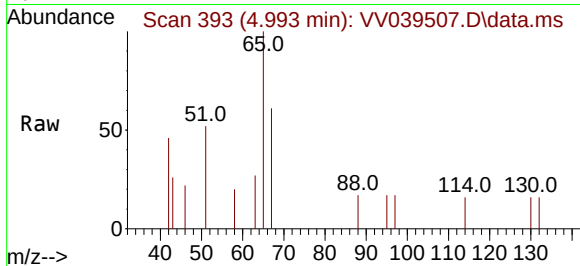




#4
1,2-Dichloroethane-d4
Concen: 0.502 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039507.D
Acq: 09 Dec 2025 16:24

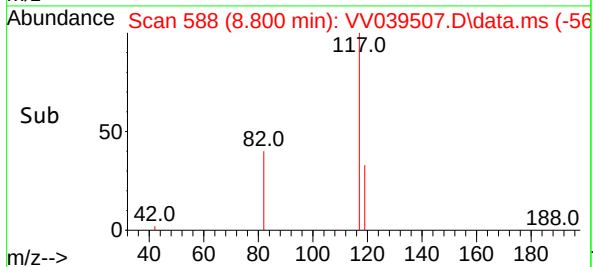
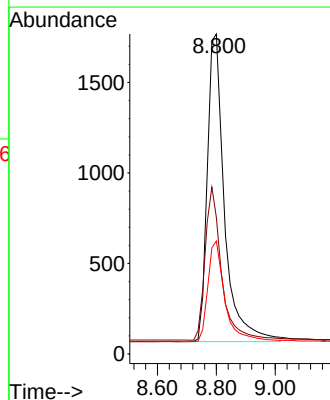
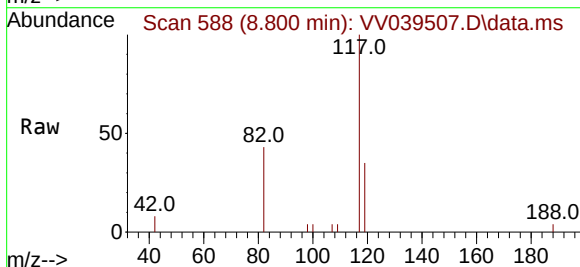
Instrument : MSVOA_V
ClientSampleId : OWBR-02-170-120425-SIM-FD

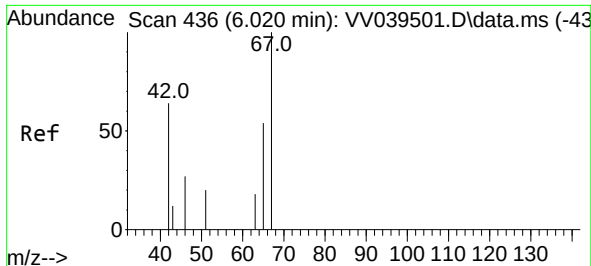
Tgt Ion: 65 Resp: 2276
Ion Ratio Lower Upper
65 100
67 52.1 32.5 60.3
51 40.9 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039507.D
Acq: 09 Dec 2025 16:24

Tgt Ion: 117 Resp: 6882
Ion Ratio Lower Upper
117 100
82 47.8 39.4 59.2
119 32.7 26.2 39.2

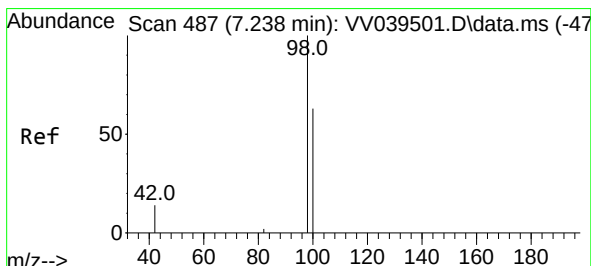
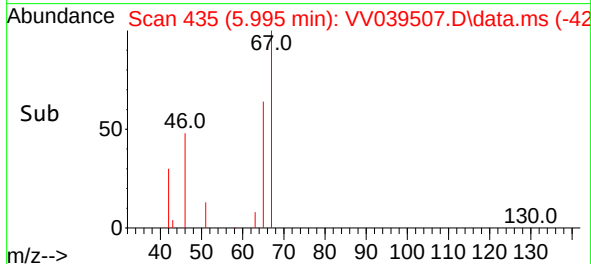
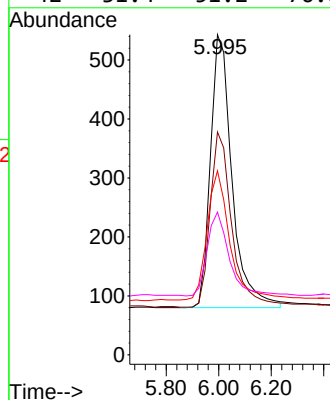
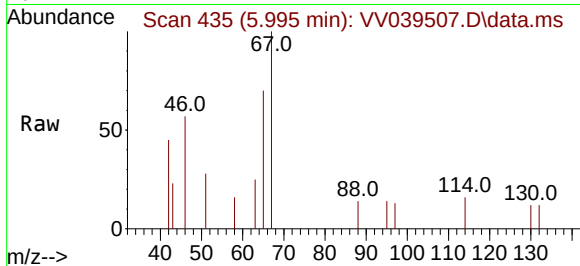




#7
1,2-Dichloropropane-d6
Concen: 0.455 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039507.D
Acq: 09 Dec 2025 16:24

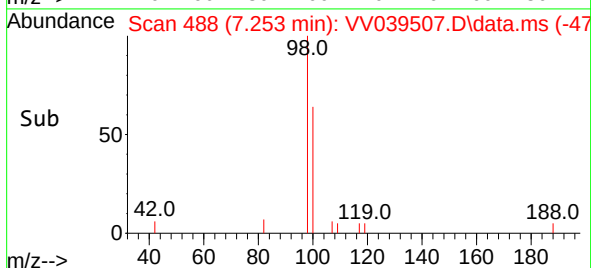
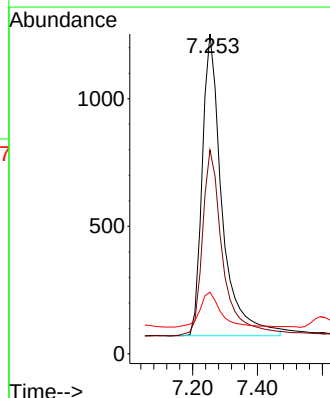
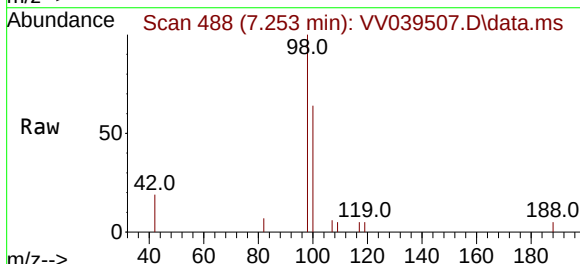
Instrument :
MSVOA_V
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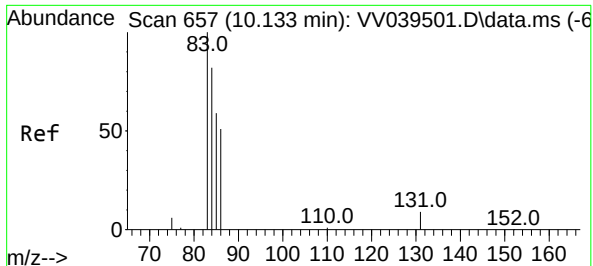
Tgt Ion:	67	Resp:	2643
Ion	Ratio	Lower	Upper
67	100		
65	64.5	37.9	56.9#
46	49.7	27.4	41.0#
42	31.4	51.2	76.8#



#8
Toluene-d8
Concen: 0.512 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039507.D
Acq: 09 Dec 2025 16:24

Tgt Ion:	98	Resp:	5014
Ion	Ratio	Lower	Upper
98	100		
100	63.1	44.5	82.7
42	12.2	10.1	18.7

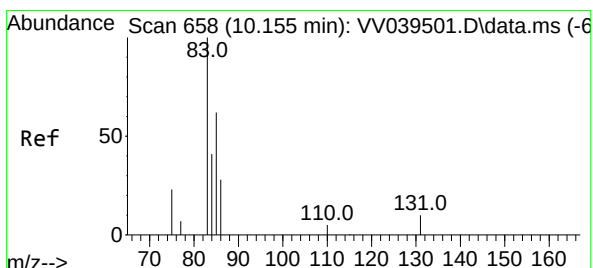
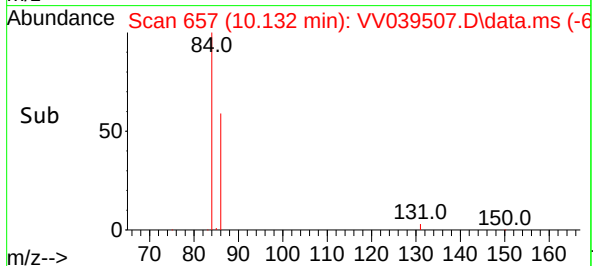
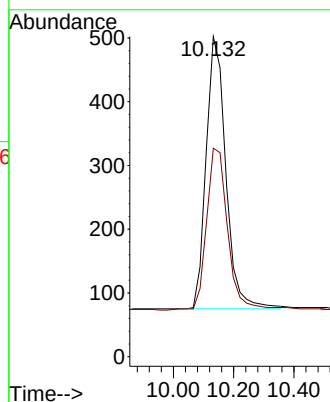
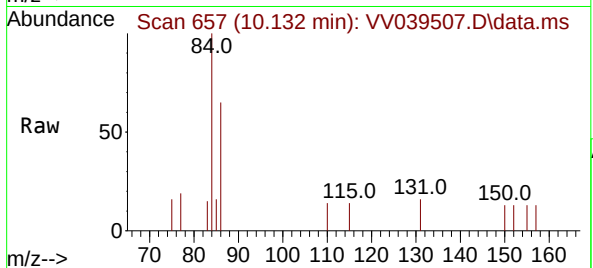




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.593 ug/L
RT: 10.132 min Scan# 610
Delta R.T. -0.001 min
Lab File: VV039507.D
Acq: 09 Dec 2025 16:24

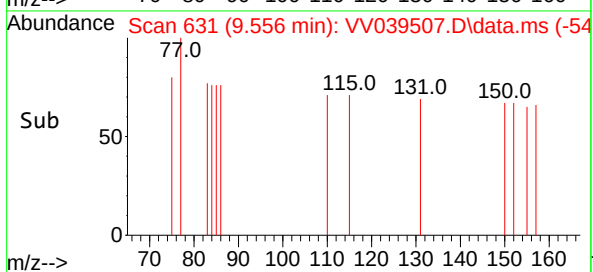
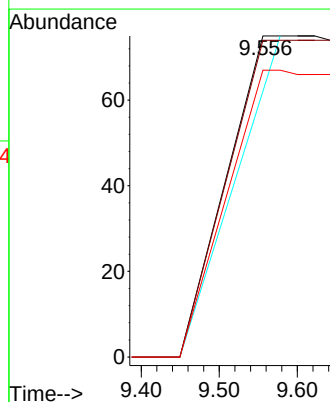
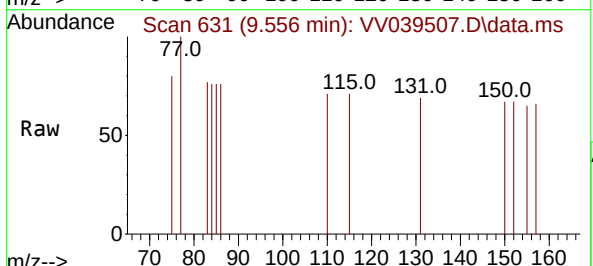
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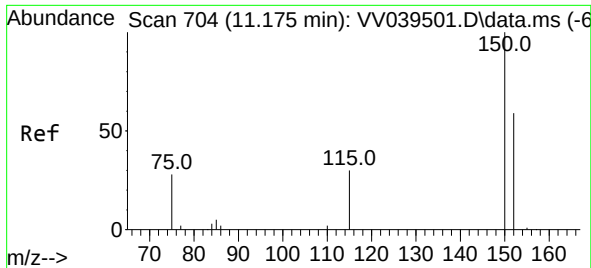
Tgt Ion: 84 Resp: 1940
Ion Ratio Lower Upper
84 100
86 63.5 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.042 ug/L
RT: 9.556 min Scan# 631
Delta R.T. -0.599 min
Lab File: VV039507.D
Acq: 09 Dec 2025 16:24

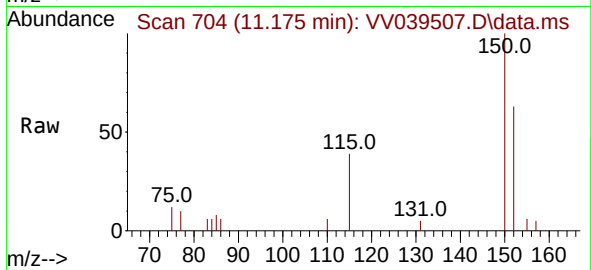
Tgt Ion: 83 Resp: 289
Ion Ratio Lower Upper
83 100
85 286.2 51.0 76.6#
131 172.3 8.6 12.8#





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.175 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV039507.D
 Acq: 09 Dec 2025 16:24

Instrument :
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Tgt Ion:	152	Resp:	3706
Ion	Ratio	Lower	Upper
152	100		
115	54.1	0.0	101.6
150	157.9	0.0	396.2

