

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039509.D
 Acq On : 09 Dec 2025 17:06
 Operator : SY/MD
 Sample : Q3787-14
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OW-03B-51.5-120425-SIM-FD

Quant Time: Dec 10 01:17:47 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)

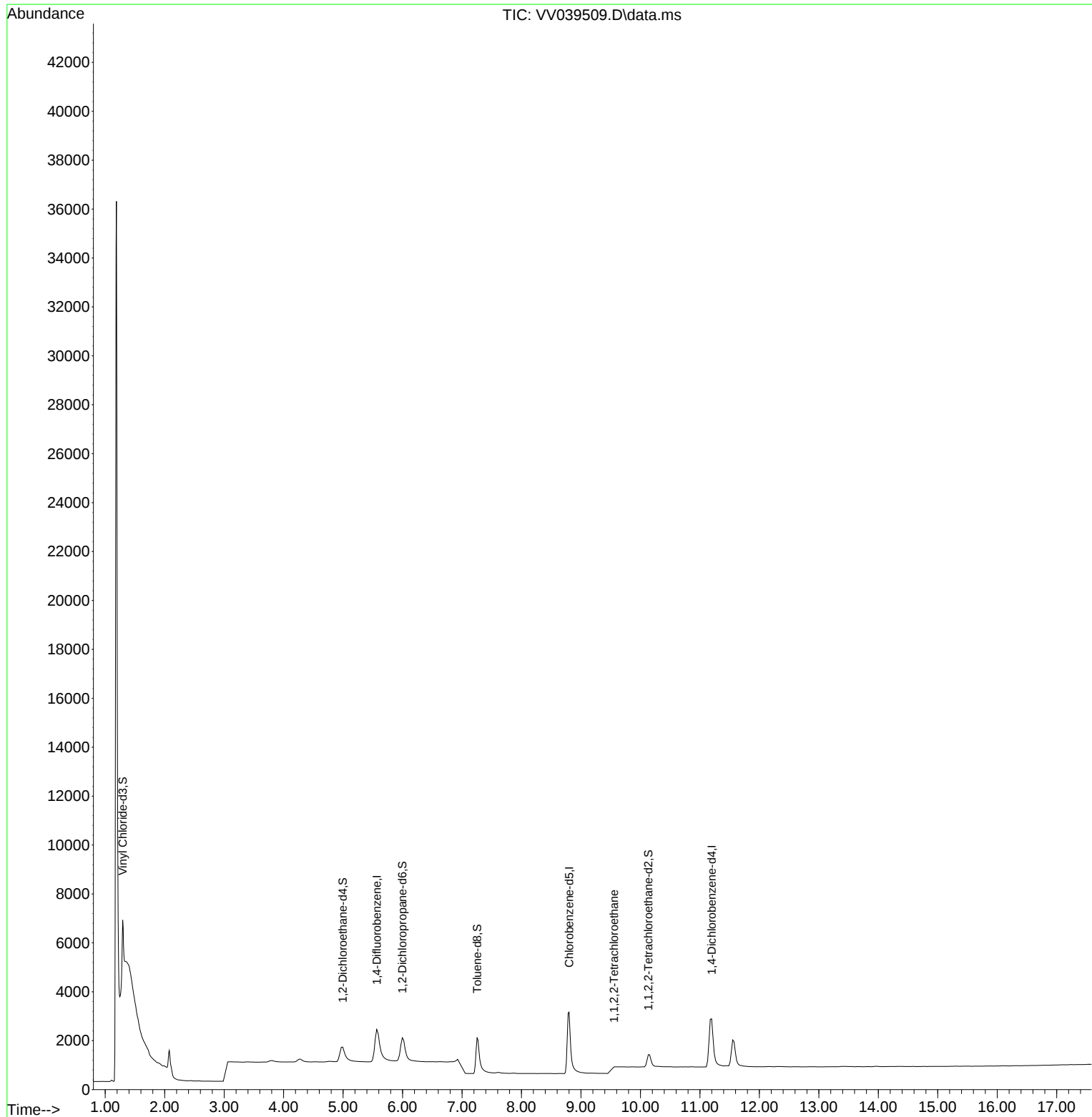
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5914	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5873	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3089	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3608	0.621	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	124.000%
4) 1,2-Dichloroethane-d4	4.993	65	1794	0.456	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	5.996	67	2059	0.416	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.254	98	3855	0.461	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1480	0.530	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	106.000%
Target Compounds						
11) 1,1,2,2-Tetrachloroethane	9.556	83	289	0.049	ug/L	Qvalue # 1

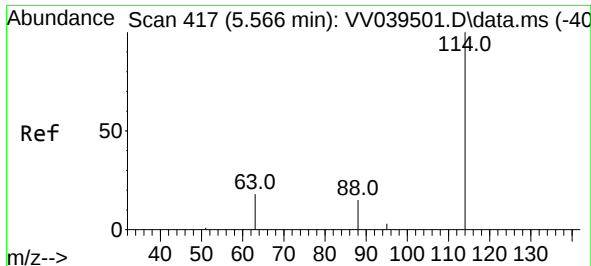
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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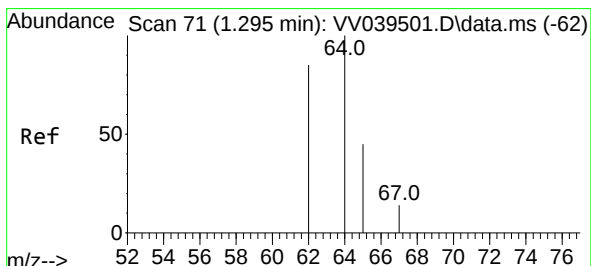
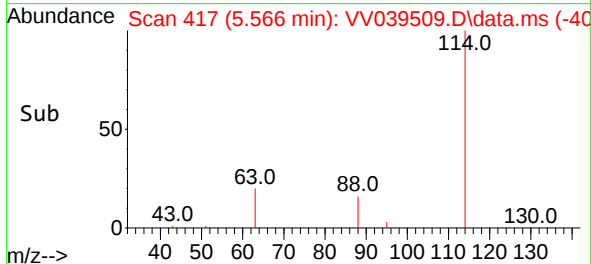
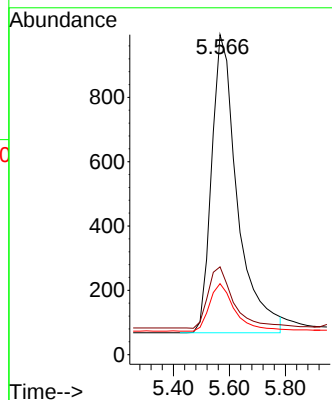
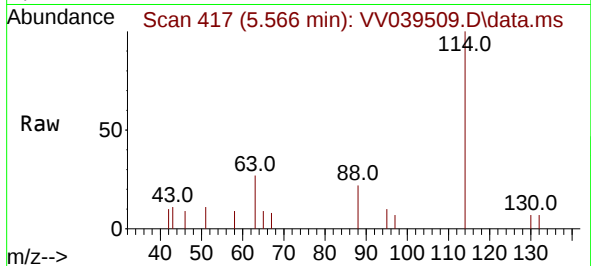




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039509.D
Acq: 09 Dec 2025 17:06

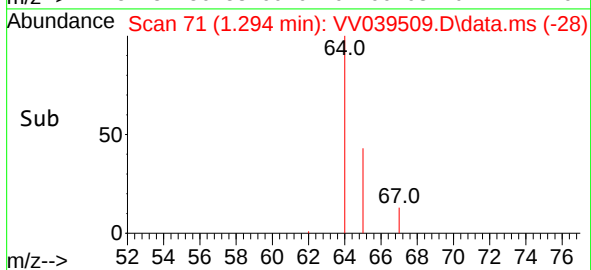
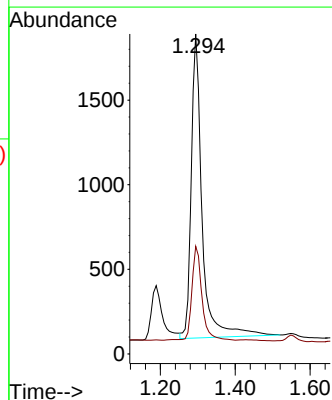
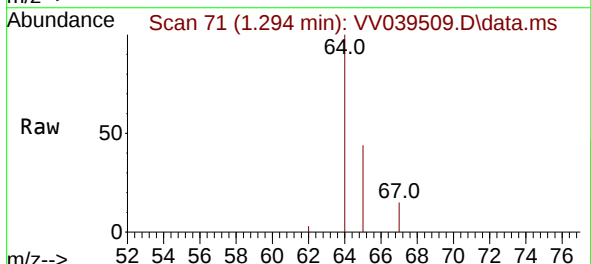
Instrument :
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ClientSampleId :
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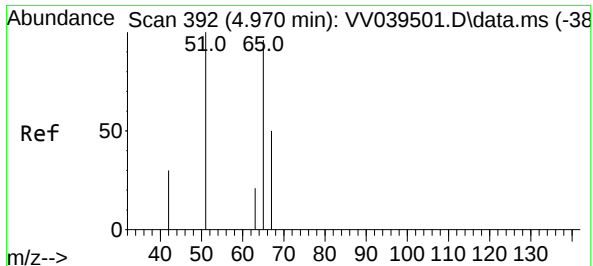
Tgt Ion:	114	Resp:	5914
Ion	Ratio	Lower	Upper
114	100		
63	20.2	15.0	22.4
88	15.7	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.621 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039509.D
Acq: 09 Dec 2025 17:06

Tgt Ion:	65	Resp:	3608
Ion	Ratio	Lower	Upper
65	100		
67	28.4	22.3	41.5

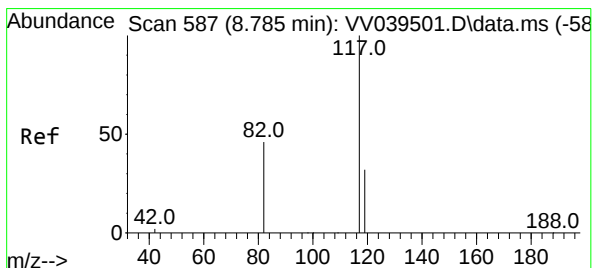
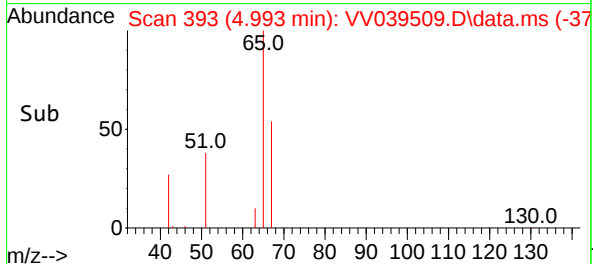
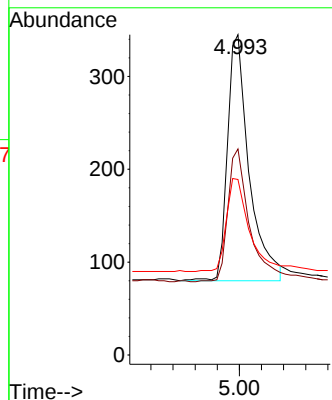
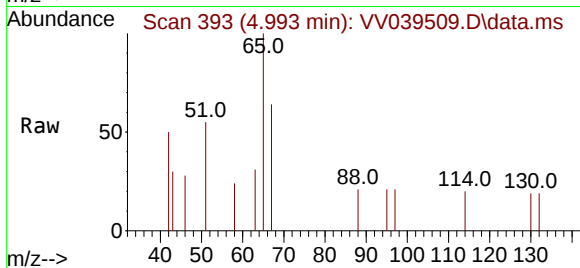




#4
1,2-Dichloroethane-d4
Concen: 0.456 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039509.D
Acq: 09 Dec 2025 17:06

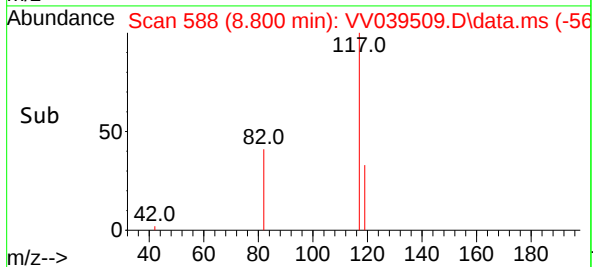
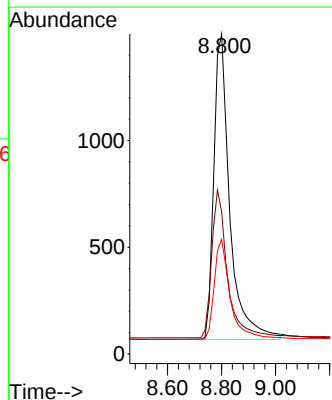
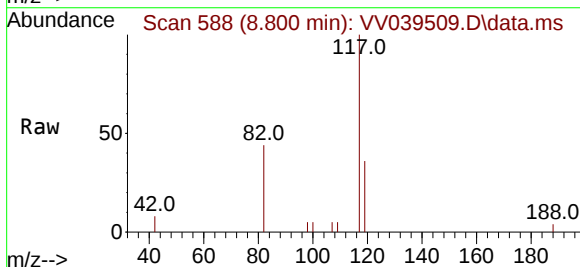
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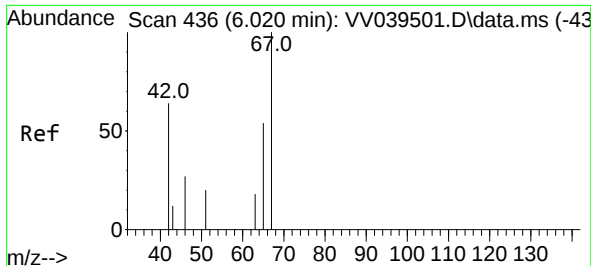
Tgt Ion: 65 Resp: 1794
Ion Ratio Lower Upper
65 100
67 53.6 32.5 60.3
51 39.7 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039509.D
Acq: 09 Dec 2025 17:06

Tgt Ion: 117 Resp: 5873
Ion Ratio Lower Upper
117 100
82 48.3 39.4 59.2
119 32.8 26.2 39.2

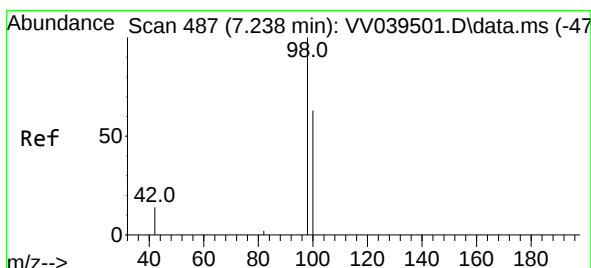
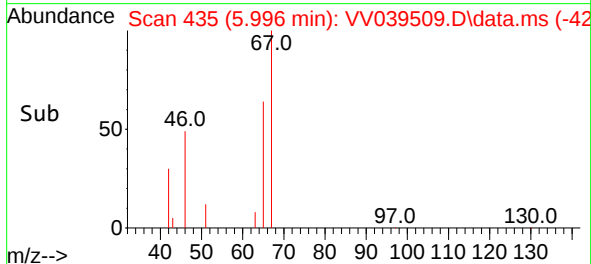
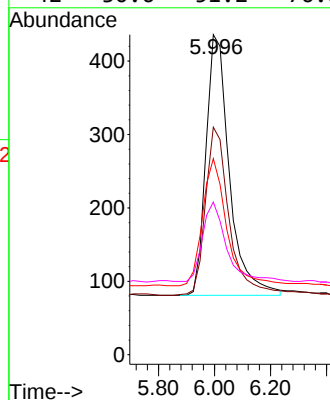
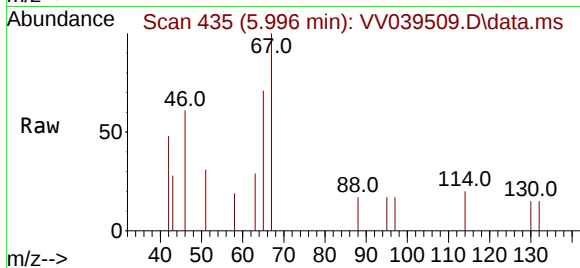




#7
1,2-Dichloropropane-d6
Concen: 0.416 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039509.D
Acq: 09 Dec 2025 17:06

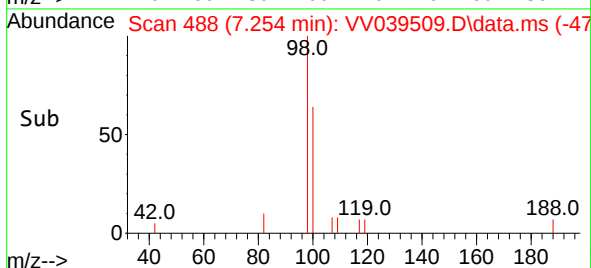
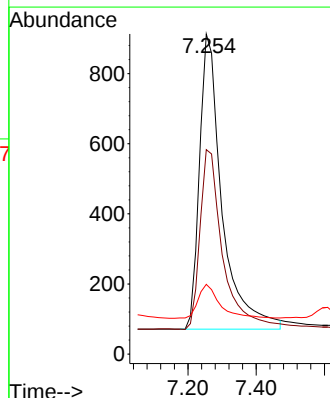
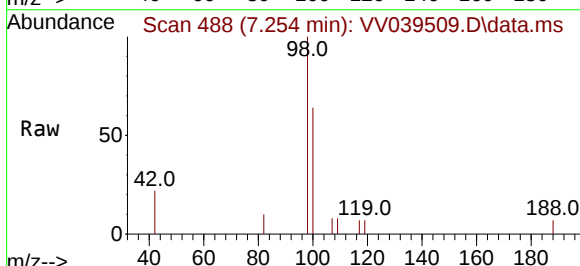
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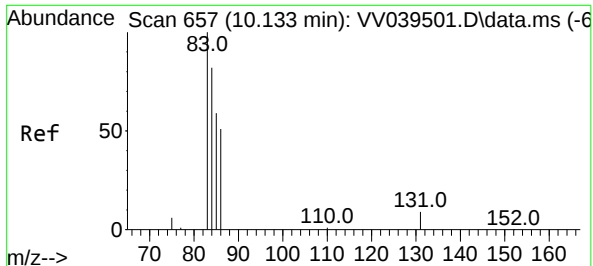
Tgt Ion:	67	Resp:	2059
Ion	Ratio	Lower	Upper
67	100		
65	65.1	37.9	56.9#
46	50.4	27.4	41.0#
42	30.6	51.2	76.8#



#8
Toluene-d8
Concen: 0.461 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039509.D
Acq: 09 Dec 2025 17:06

Tgt Ion:	98	Resp:	3855
Ion	Ratio	Lower	Upper
98	100		
100	62.0	44.5	82.7
42	11.1	10.1	18.7

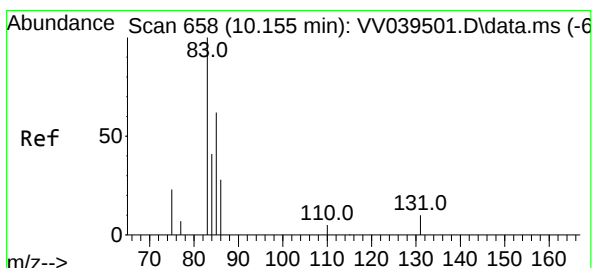
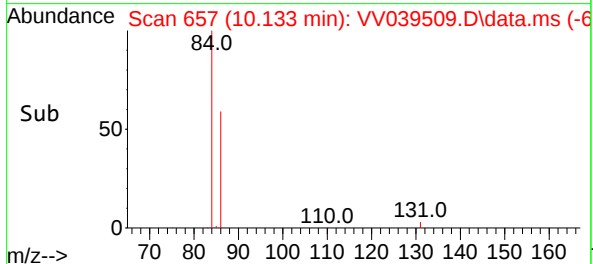
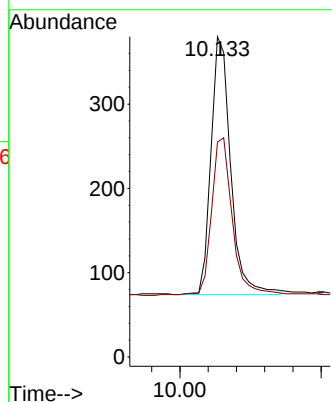
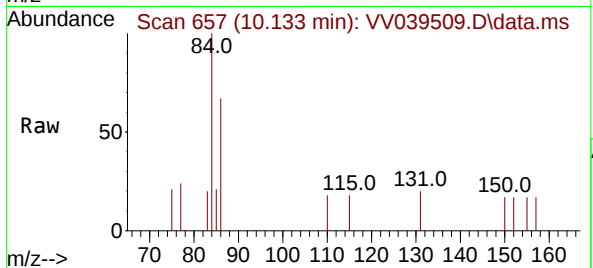




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.530 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039509.D
Acq: 09 Dec 2025 17:06

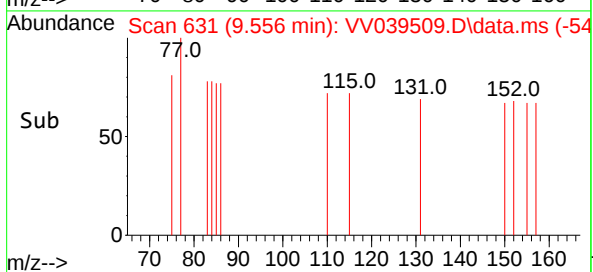
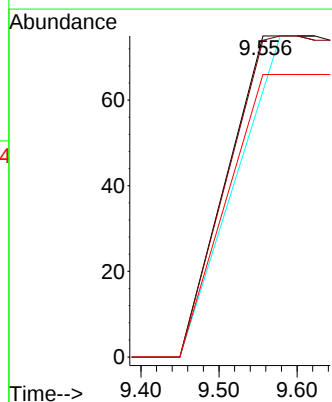
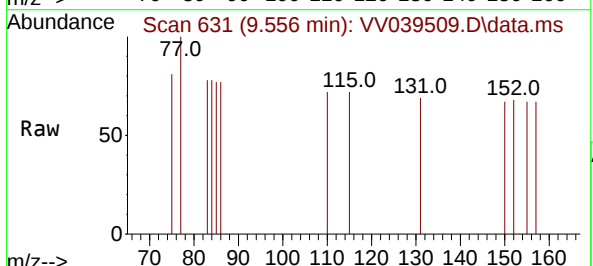
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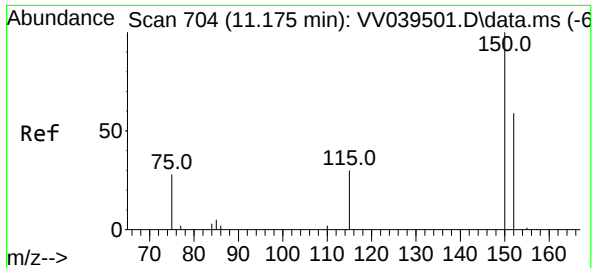
Tgt Ion: 84 Resp: 1480
Ion Ratio Lower Upper
84 100
86 64.8 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.049 ug/L
RT: 9.556 min Scan# 631
Delta R.T. -0.599 min
Lab File: VV039509.D
Acq: 09 Dec 2025 17:06

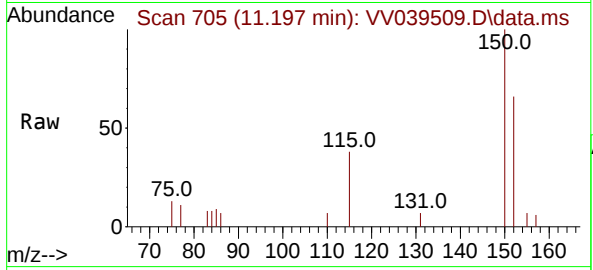
Tgt Ion: 83 Resp: 289
Ion Ratio Lower Upper
83 100
85 307.6 51.0 76.6#
131 306.2 8.6 12.8#





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.197 min Scan# 70
 Delta R.T. 0.022 min
 Lab File: VV039509.D
 Acq: 09 Dec 2025 17:06

Instrument :
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Tgt Ion:	152	Resp:	3089
Ion	Ratio	Lower	Upper
152	100		
115	53.6	0.0	101.6
150	158.5	0.0	396.2

