

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
 Data File : VV039487.D
 Acq On : 08 Dec 2025 10:11
 Operator : SY/MD
 Sample : VV1208WBL01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK237

Quant Time: Dec 09 01:26:54 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)

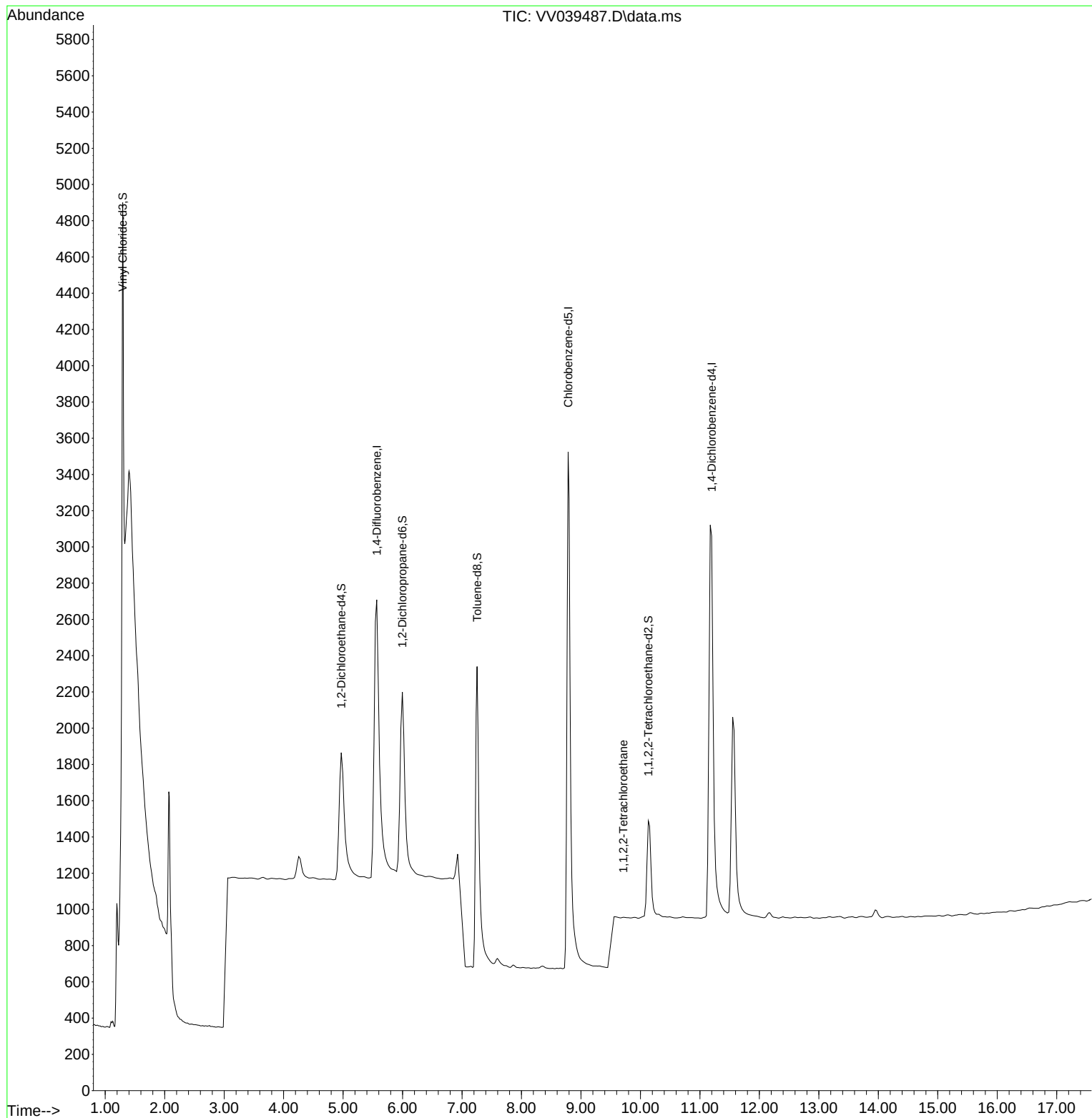
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7024	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6420	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.197	152	3401	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3701	0.524	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	104.000%
4) 1,2-Dichloroethane-d4	4.970	65	1961	0.419	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.000%
7) 1,2-Dichloropropane-d6	5.996	67	2147	0.396	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	80.000%
8) Toluene-d8	7.254	98	4181	0.458	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1552	0.508	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%
Target Compounds						
11) 1,1,2,2-Tetrachloroethane	9.711	83	1554	0.241	ug/L	Qvalue # 29

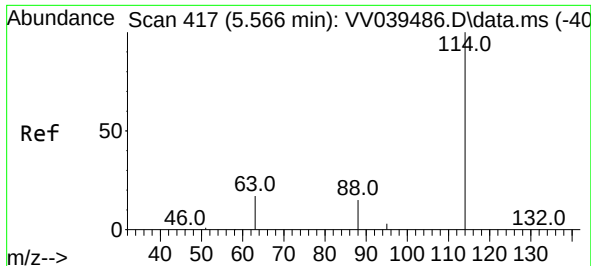
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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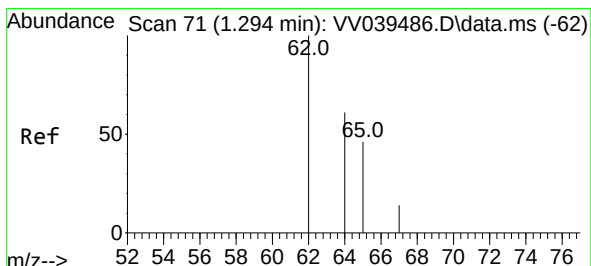
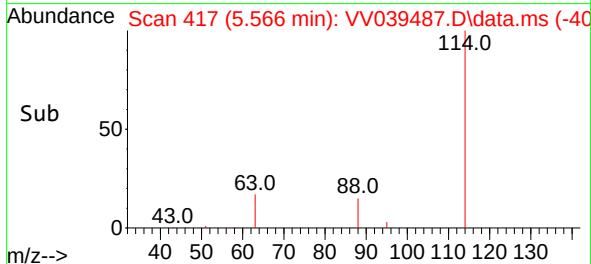
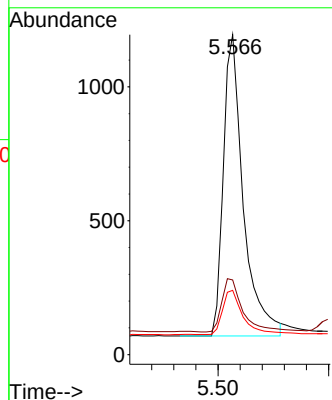
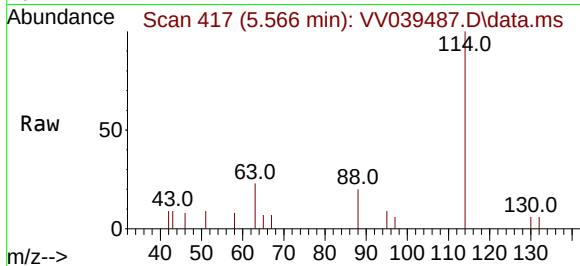




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039487.D
 Acq: 08 Dec 2025 10:11

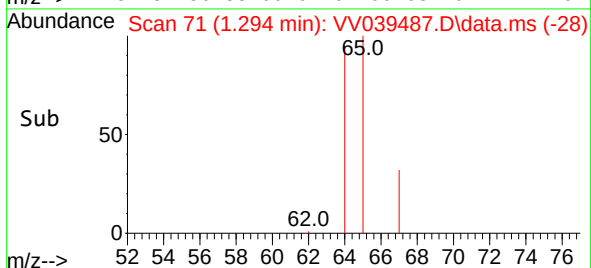
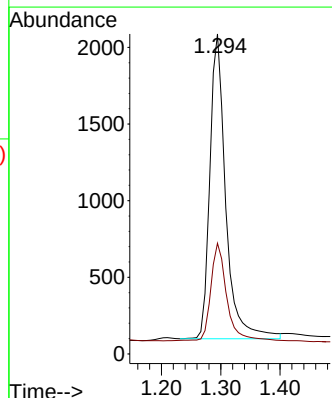
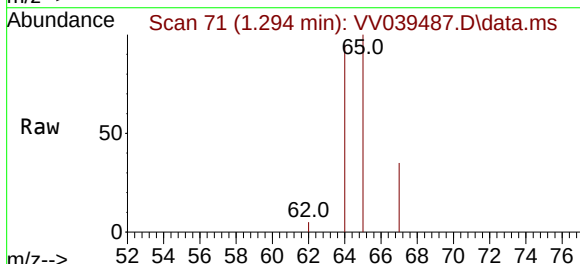
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK237

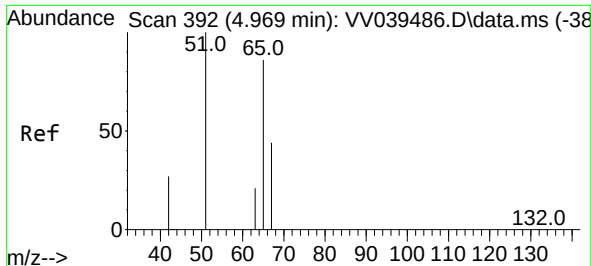
Tgt Ion:114	Resp:	7024
Ion	Ratio	Lower Upper
114	100	
63	18.2	15.0 22.4
88	14.9	12.0 18.0



#2
 Vinyl Chloride-d3
 Concen: 0.524 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039487.D
 Acq: 08 Dec 2025 10:11

Tgt Ion: 65	Resp:	3701
Ion	Ratio	Lower Upper
65	100	
67	34.5	22.3 41.5

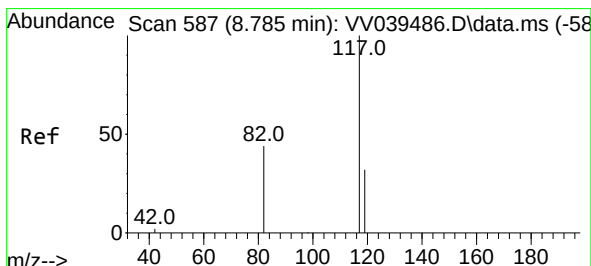
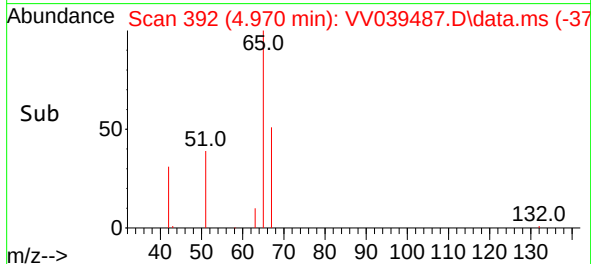
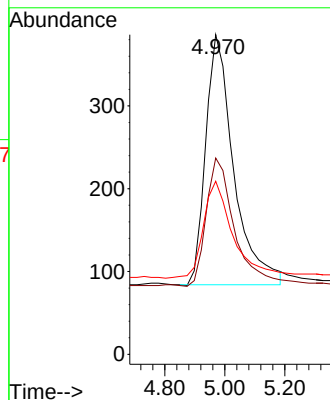
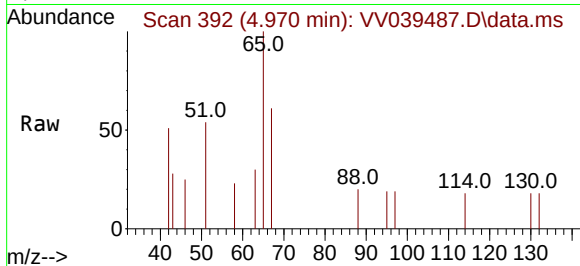




#4
1,2-Dichloroethane-d4
Concen: 0.419 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039487.D
Acq: 08 Dec 2025 10:11

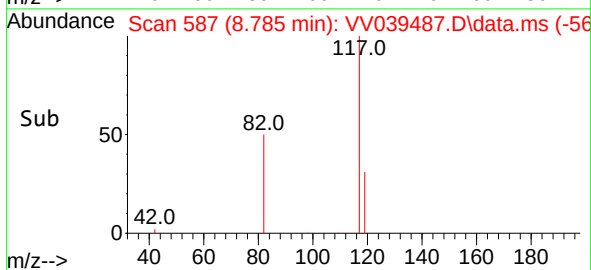
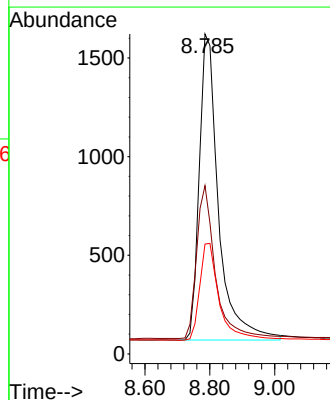
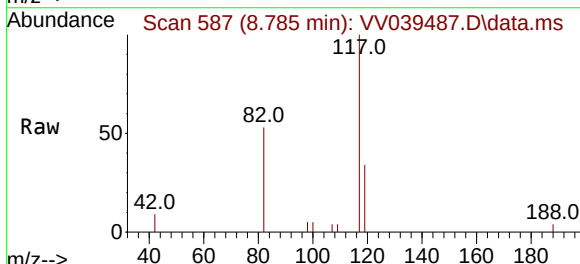
Instrument :
MSVOA_V
ClientSampleId :
VBLK237

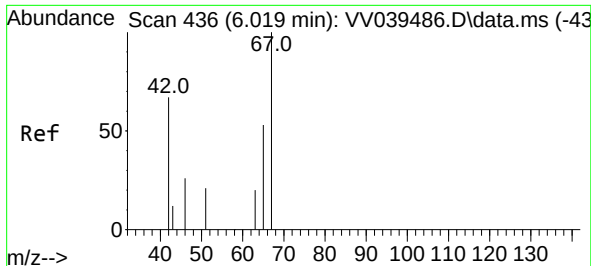
Tgt Ion: 65 Resp: 1961
Ion Ratio Lower Upper
65 100
67 51.8 32.5 60.3
51 40.8 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039487.D
Acq: 08 Dec 2025 10:11

Tgt Ion: 117 Resp: 6420
Ion Ratio Lower Upper
117 100
82 48.5 39.4 59.2
119 32.2 26.2 39.2

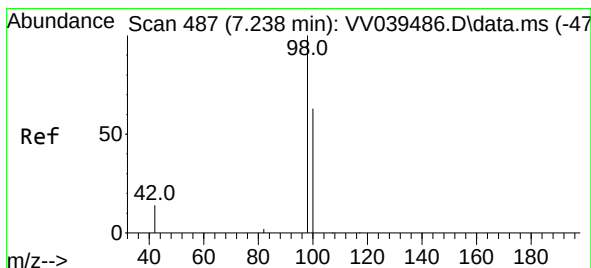
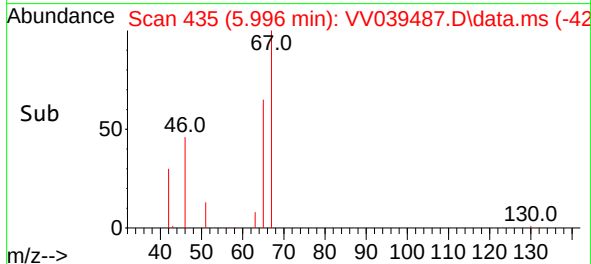
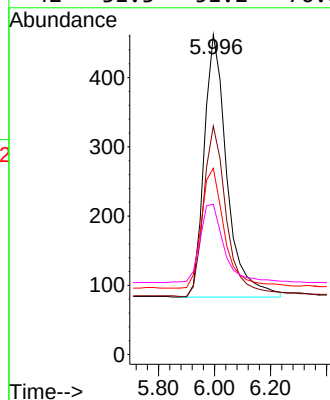
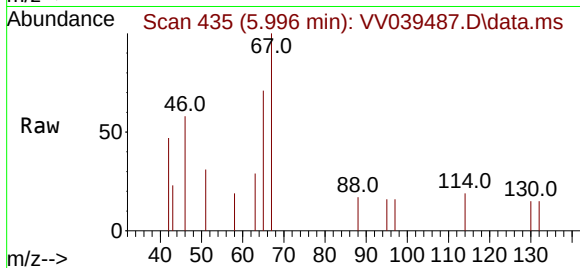




#7
1,2-Dichloropropane-d6
Concen: 0.396 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039487.D
Acq: 08 Dec 2025 10:11

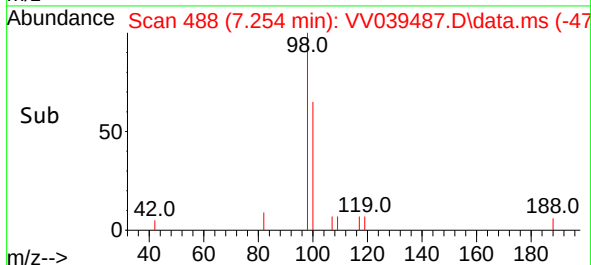
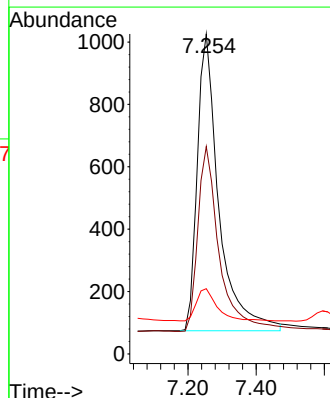
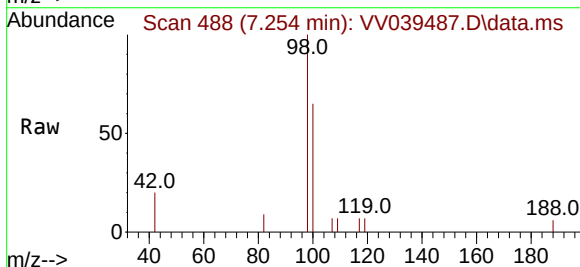
Instrument :
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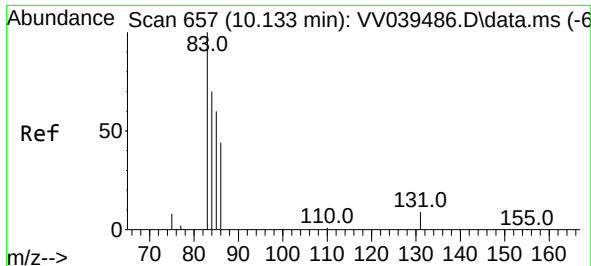
Tgt Ion:	67	Resp:	2147
Ion	Ratio	Lower	Upper
67	100		
65	65.3	37.9	56.9#
46	47.0	27.4	41.0#
42	31.3	51.2	76.8#



#8
Toluene-d8
Concen: 0.458 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039487.D
Acq: 08 Dec 2025 10:11

Tgt Ion:	98	Resp:	4181
Ion	Ratio	Lower	Upper
98	100		
100	62.2	44.5	82.7
42	10.3	10.1	18.7

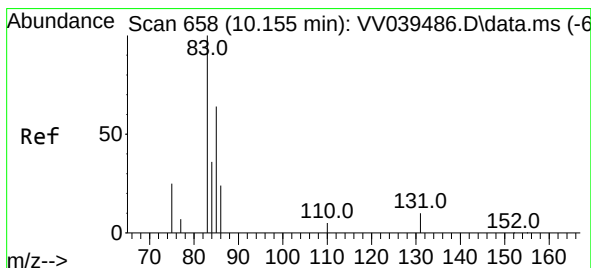
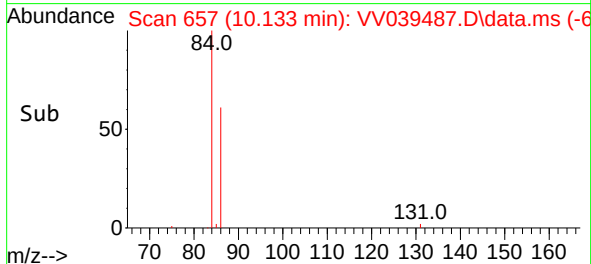
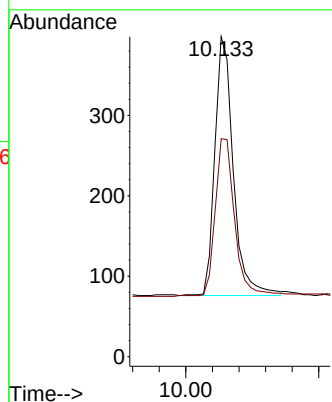
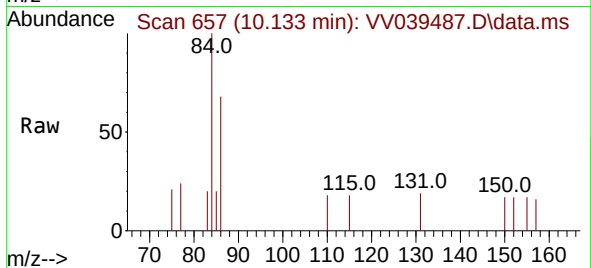




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.508 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039487.D
Acq: 08 Dec 2025 10:11

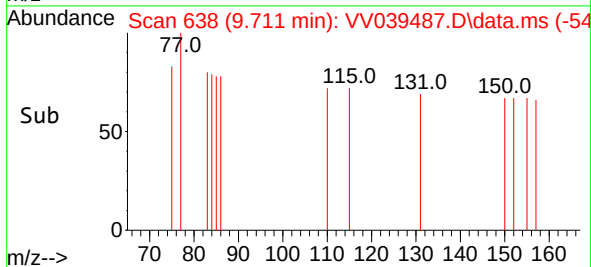
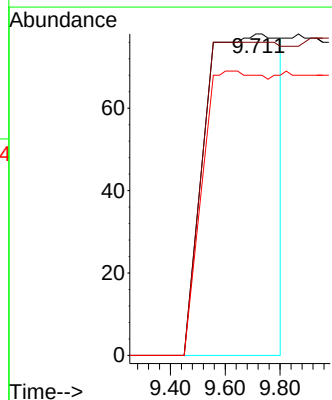
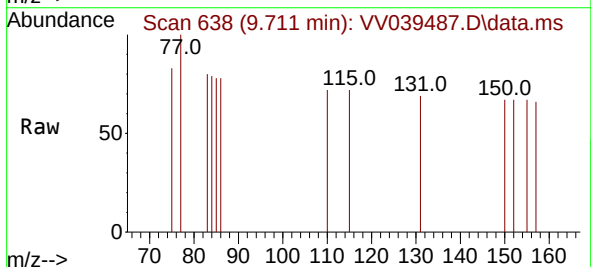
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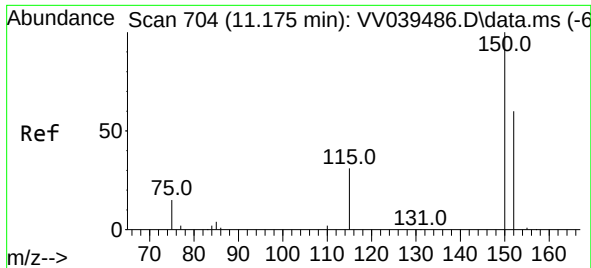
Tgt Ion: 84 Resp: 1552
Ion Ratio Lower Upper
84 100
86 64.0 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.241 ug/L
RT: 9.711 min Scan# 638
Delta R.T. -0.443 min
Lab File: VV039487.D
Acq: 08 Dec 2025 10:11

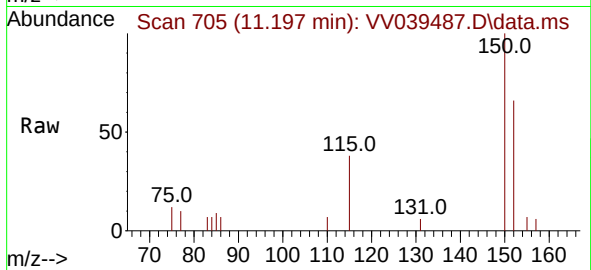
Tgt Ion: 83 Resp: 1554
Ion Ratio Lower Upper
83 100
85 105.5 51.0 76.6#
131 76.9 8.6 12.8#





#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 70
Delta R.T. 0.022 min
Lab File: VV039487.D
Acq: 08 Dec 2025 10:11

Instrument :
MSVOA_V
ClientSampleId :
VBLK237



Tgt Ion:	152	Resp:	3401
Ion	Ratio	Lower	Upper
152	100		
115	53.7	0.0	101.6
150	158.2	0.0	396.2

