

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039538.D
 Acq On : 11 Dec 2025 13:46
 Operator : SY/MD
 Sample : Q3828-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BR-02-133-120925-SIM

Quant Time: Dec 12 00:48:35 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	6385	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6179	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3284	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3756	0.599	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	120.000%
4) 1,2-Dichloroethane-d4	4.970	65	2020	0.475	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
7) 1,2-Dichloropropane-d6	5.996	67	2319	0.445	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	88.000%
8) Toluene-d8	7.254	98	4292	0.488	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1666	0.567	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	114.000%

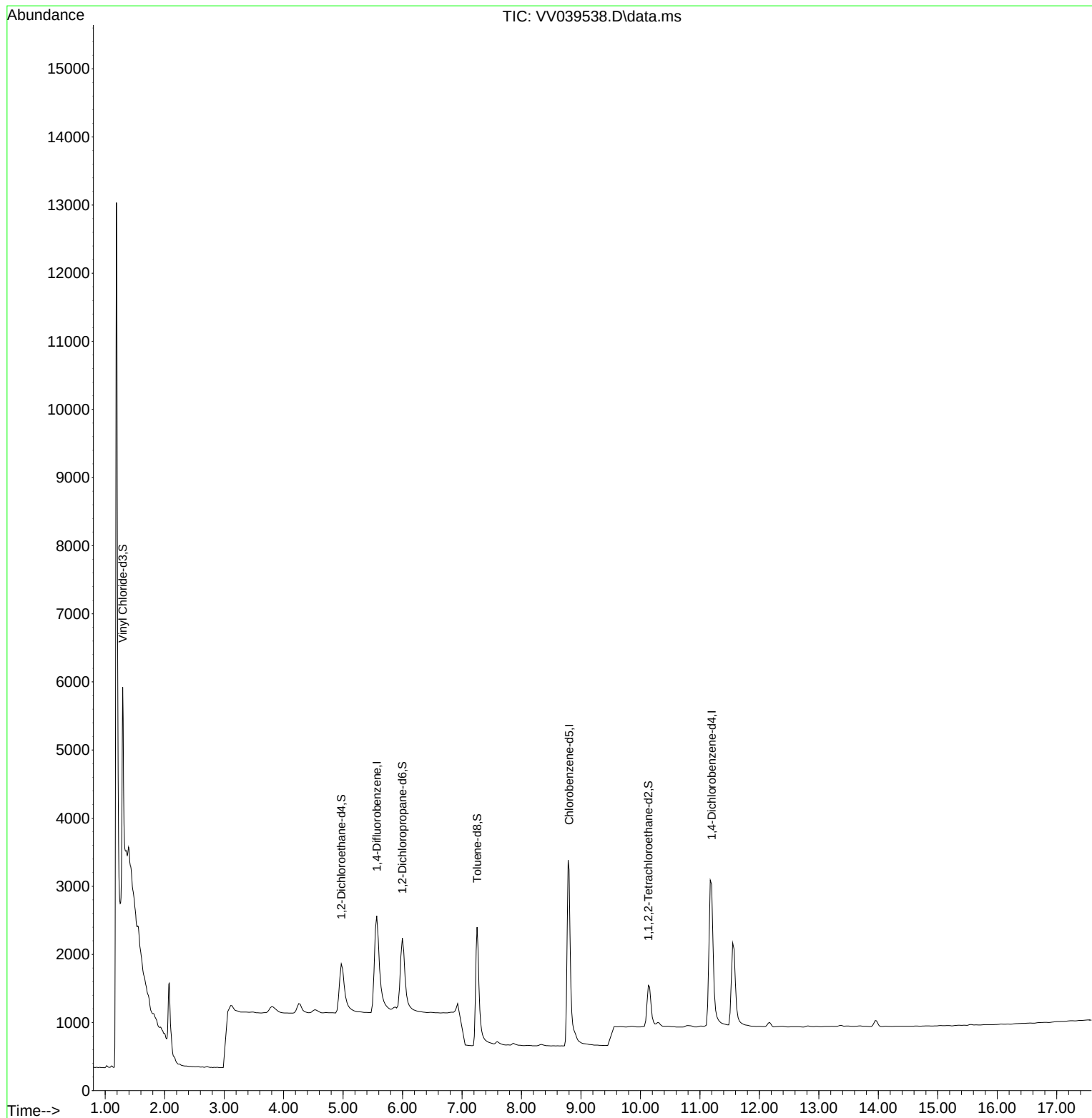
Target Compounds Qvalue

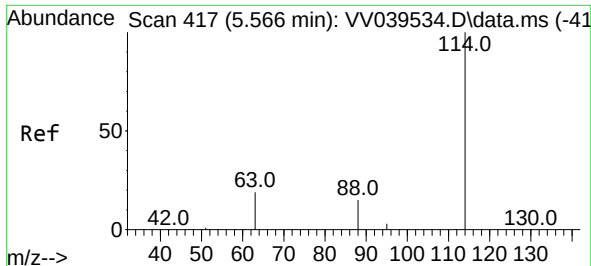
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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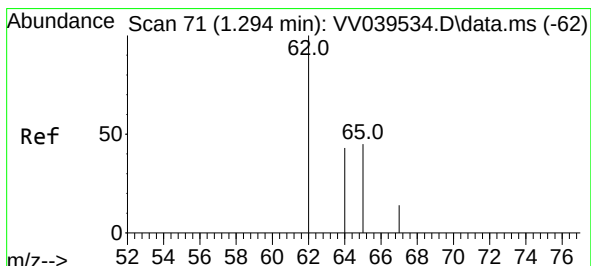
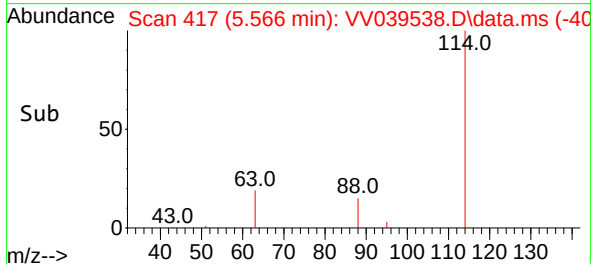
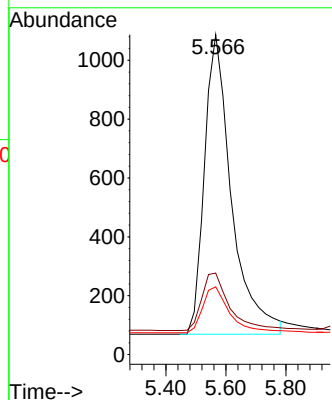
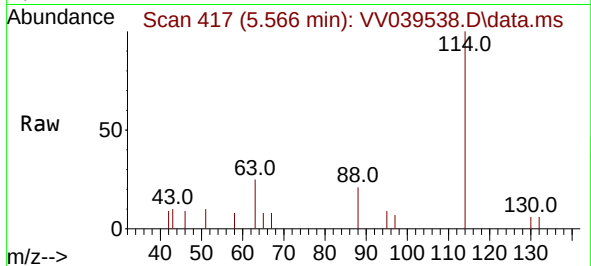




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

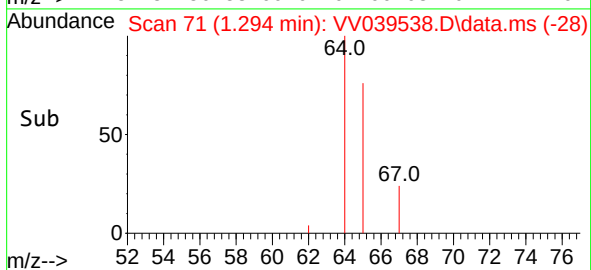
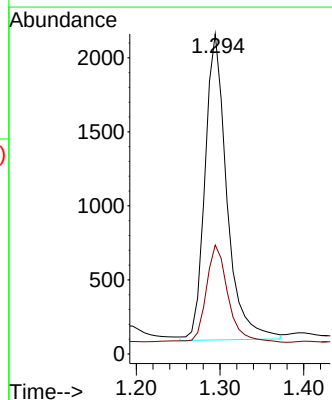
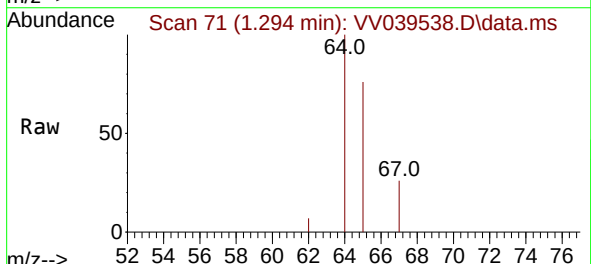
Instrument :
MSVOA_V
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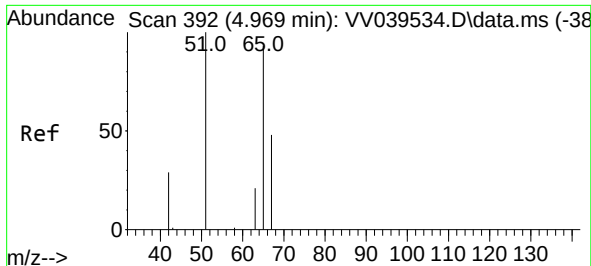
Tgt Ion:	114	Resp:	6385
Ion	Ratio	Lower	Upper
114	100		
63	19.6	15.0	22.4
88	15.3	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.599 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

Tgt Ion:	65	Resp:	3756
Ion	Ratio	Lower	Upper
65	100		
67	31.8	22.3	41.5

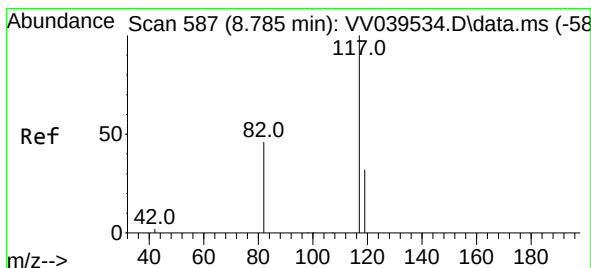
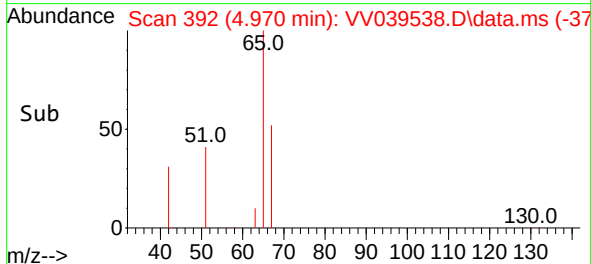
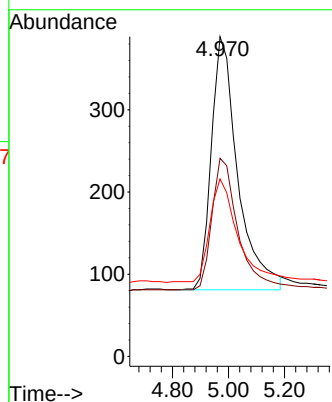
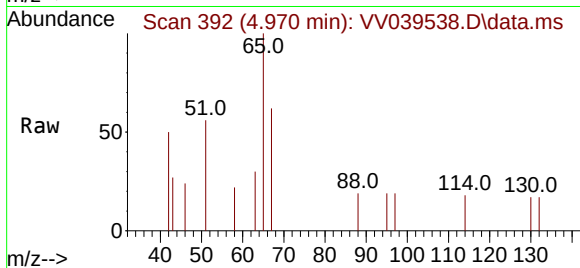




#4
1,2-Dichloroethane-d4
Concen: 0.475 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

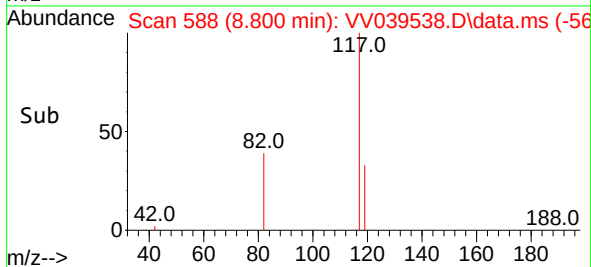
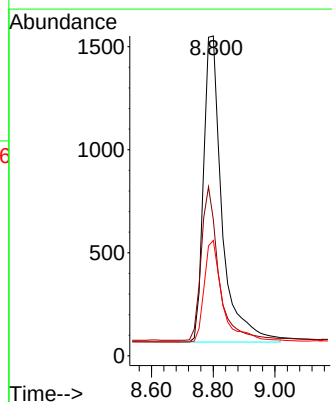
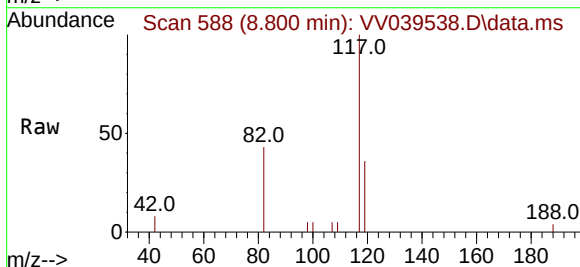
Instrument :
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ClientSampleId :
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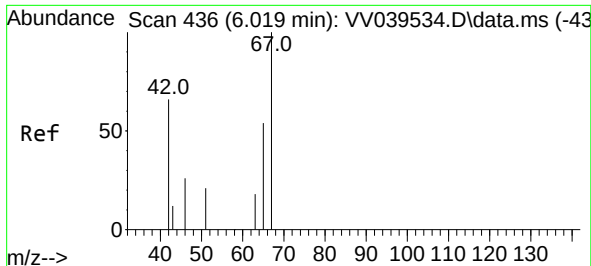
Tgt Ion: 65 Resp: 2020
Ion Ratio Lower Upper
65 100
67 51.1 32.5 60.3
51 43.1 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

Tgt Ion: 117 Resp: 6179
Ion Ratio Lower Upper
117 100
82 47.4 39.4 59.2
119 33.2 26.2 39.2

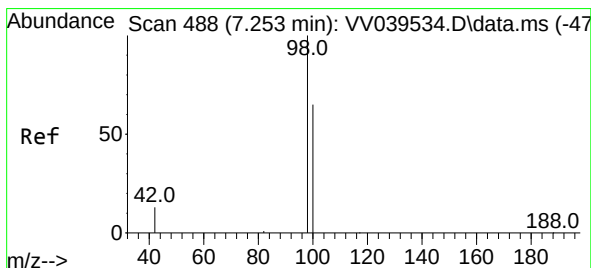
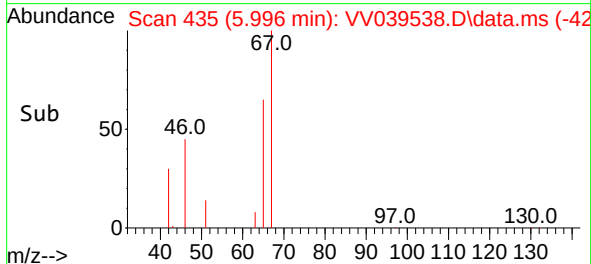
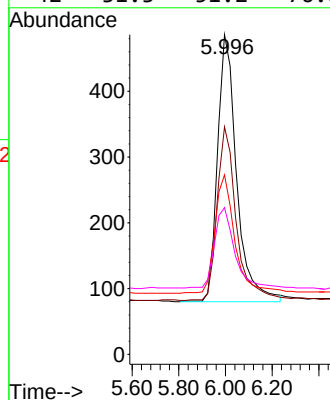
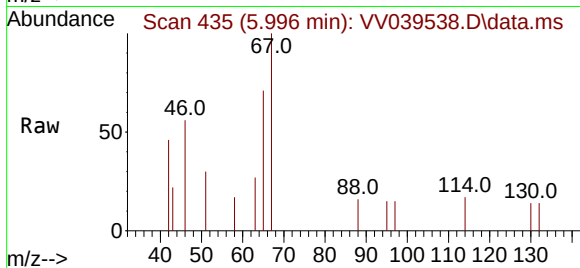




#7
1,2-Dichloropropane-d6
Concen: 0.445 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

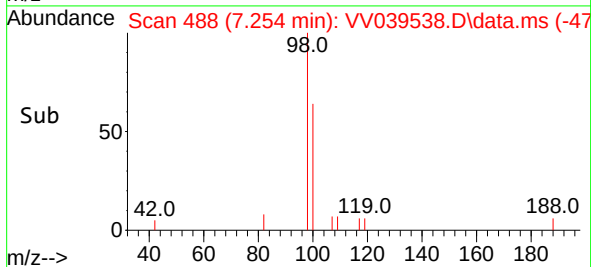
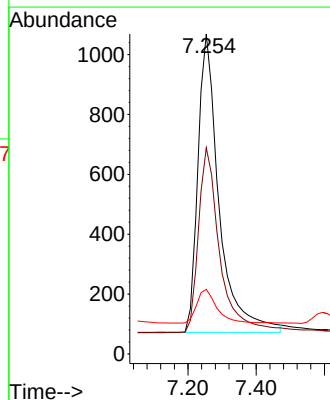
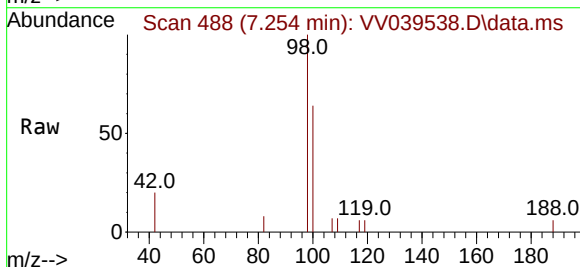
Instrument :
MSVOA_V
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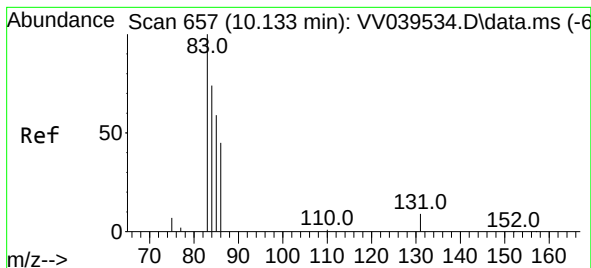
Tgt Ion:	67	Resp:	2319
Ion	Ratio	Lower	Upper
67	100		
65	65.0	37.9	56.9#
46	45.8	27.4	41.0#
42	31.3	51.2	76.8#



#8
Toluene-d8
Concen: 0.488 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039538.D
Acq: 11 Dec 2025 13:46

Tgt Ion:	98	Resp:	4292
Ion	Ratio	Lower	Upper
98	100		
100	62.0	44.5	82.7
42	10.8	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.567 ug/L

RT: 10.133 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV039538.D

Acq: 11 Dec 2025 13:46

Instrument :

MSVOA_V

ClientSampleId :

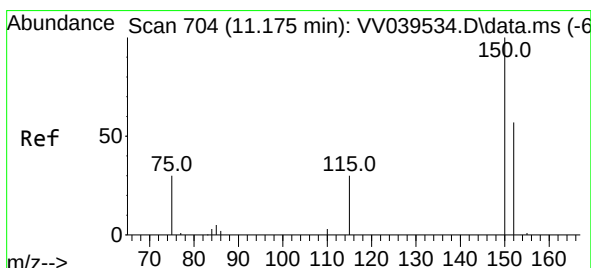
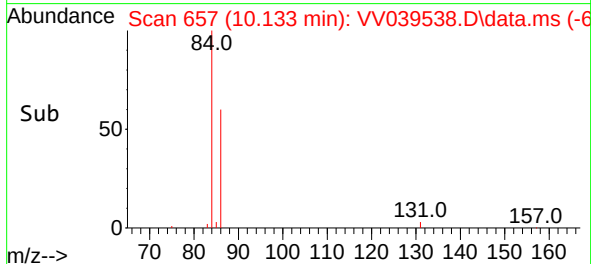
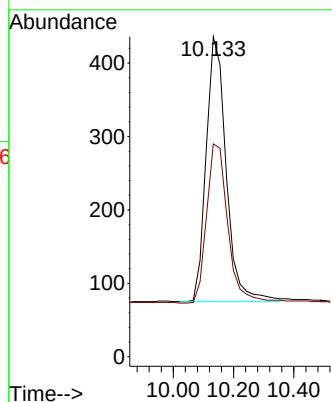
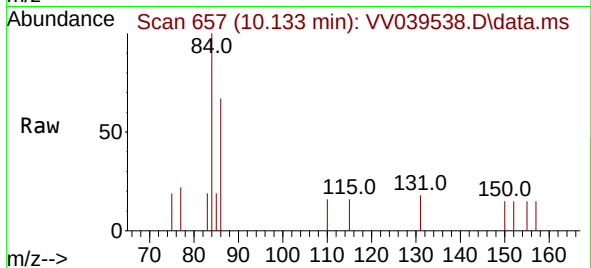
BR-02-133-120925-SIM

Tgt Ion: 84 Resp: 1666

Ion Ratio Lower Upper

84 100

86 63.6 44.4 82.5



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039538.D

Acq: 11 Dec 2025 13:46

Tgt Ion:152 Resp: 3284

Ion Ratio Lower Upper

152 100

115 54.1 0.0 101.6

150 159.1 0.0 396.2

