

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039474.D
 Acq On : 05 Dec 2025 12:30
 Operator : SY/MD
 Sample : VV1205WBL01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK236

Quant Time: Dec 05 22:47:37 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	5971	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5907	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3034	0.500	ug/L	0.02

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3423	0.570	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	4.993	65	1812	0.456	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	5.996	67	2120	0.425	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	86.000%
8) Toluene-d8	7.254	98	4006	0.476	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1520	0.541	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.000%

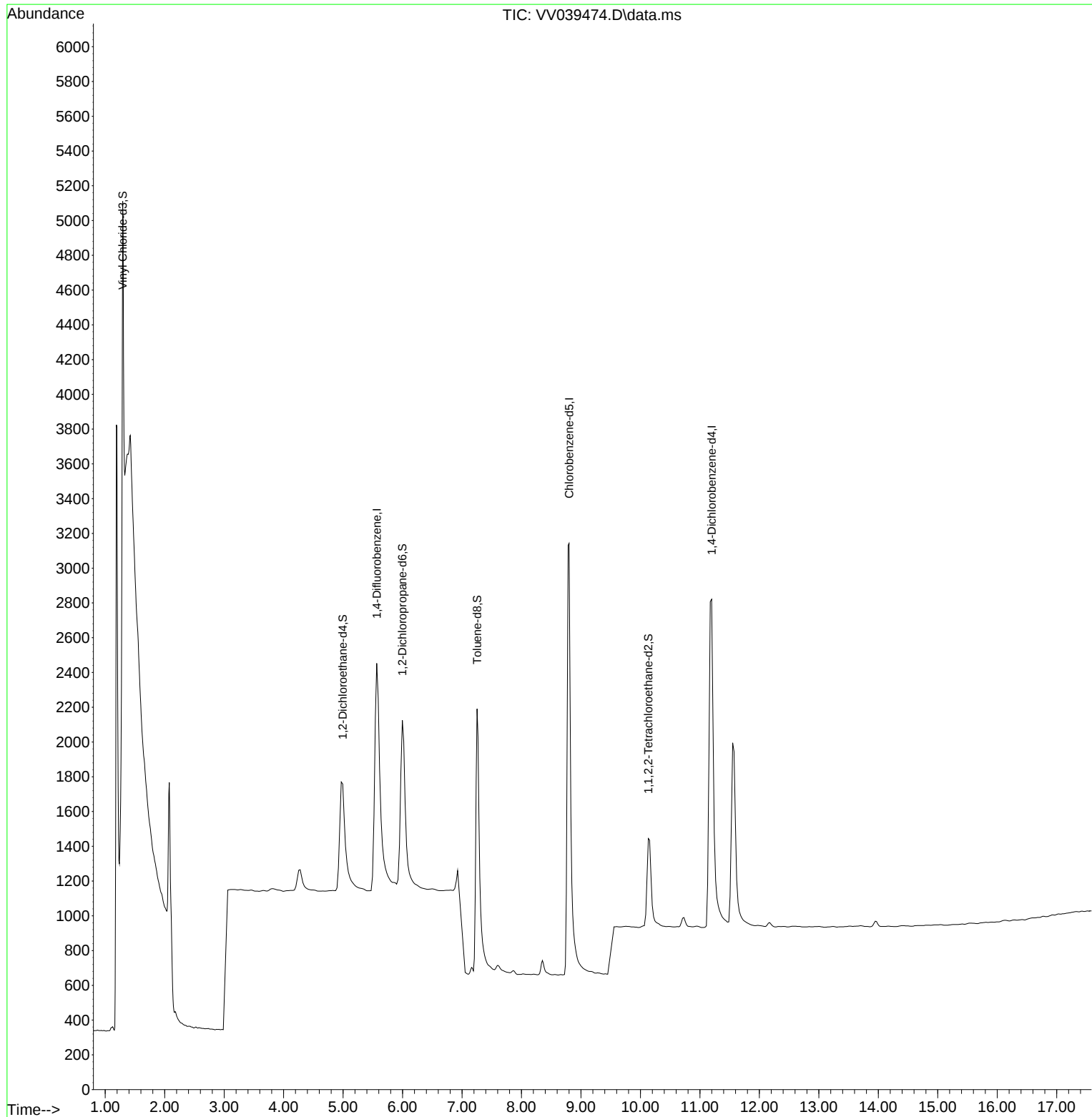
Target Compounds	Qvalue

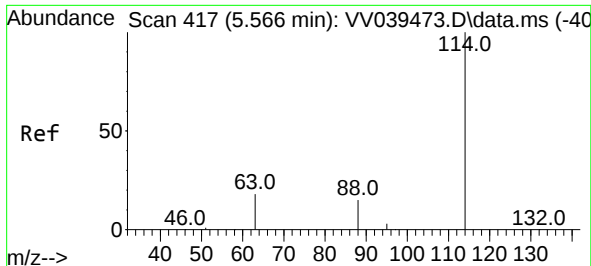
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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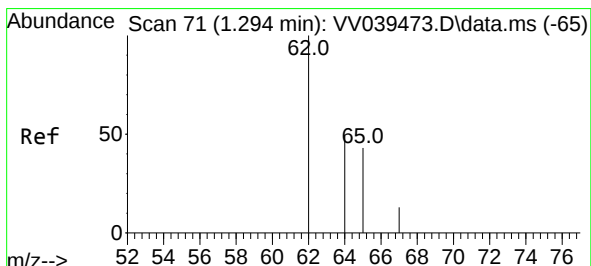
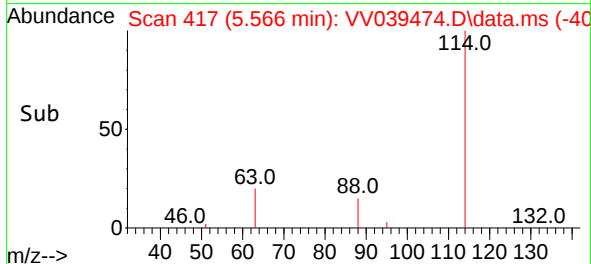
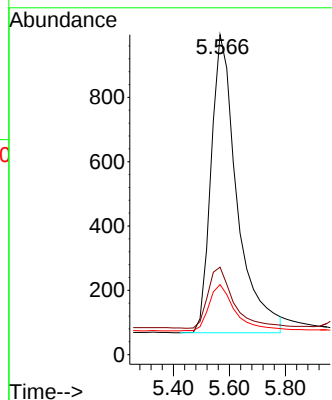
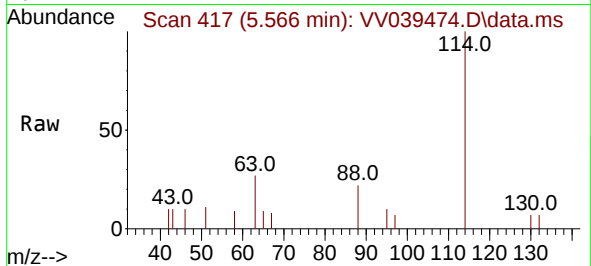




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039474.D
 Acq: 05 Dec 2025 12:30

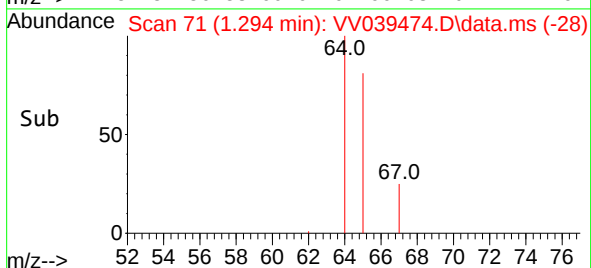
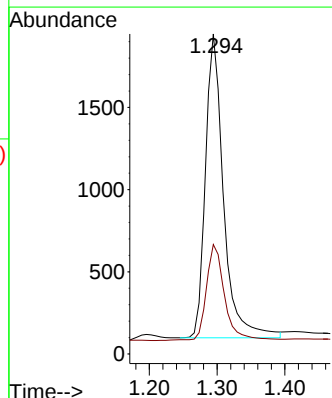
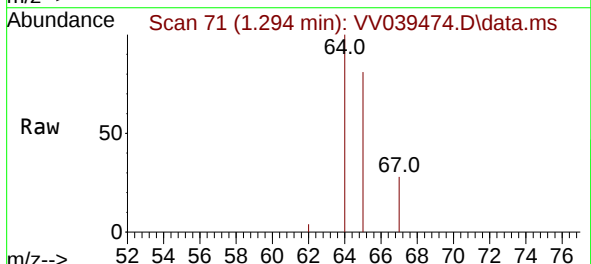
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK236

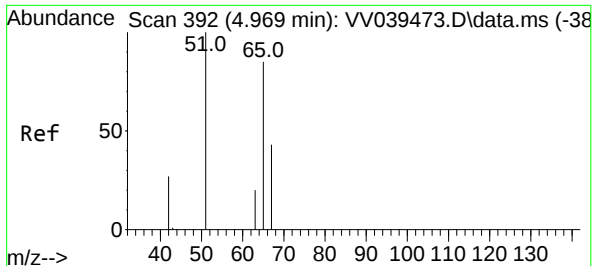
Tgt Ion:114	Resp:	5971
Ion	Ratio	Lower Upper
114	100	
63	20.4	15.0 22.4
88	15.5	12.0 18.0



#2
 Vinyl Chloride-d3
 Concen: 0.570 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039474.D
 Acq: 05 Dec 2025 12:30

Tgt Ion: 65	Resp:	3423
Ion	Ratio	Lower Upper
65	100	
67	32.0	22.3 41.5

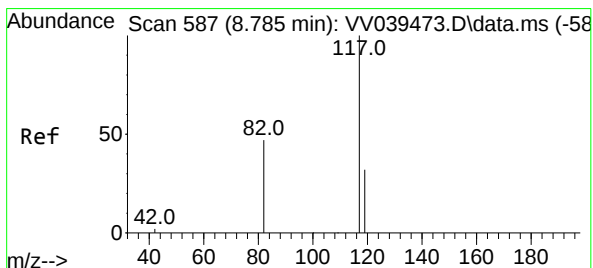
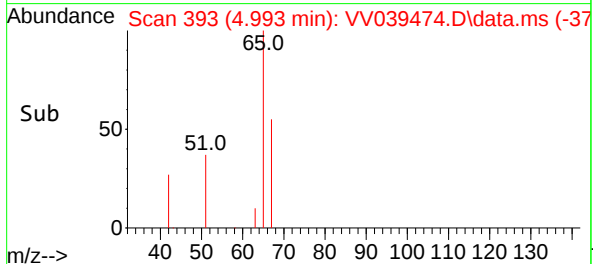
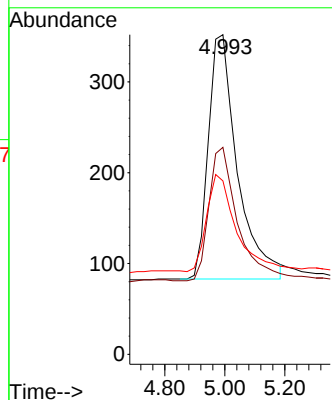
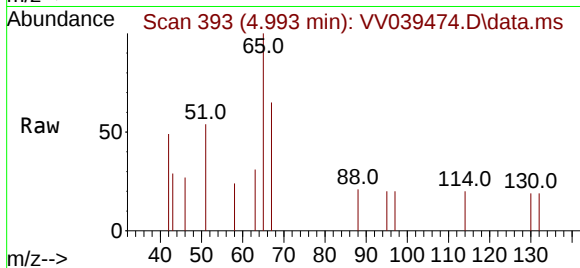




#4
1,2-Dichloroethane-d4
Concen: 0.456 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039474.D
Acq: 05 Dec 2025 12:30

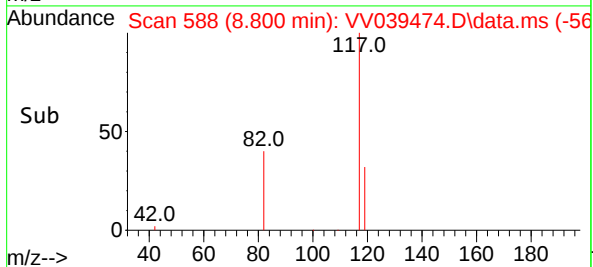
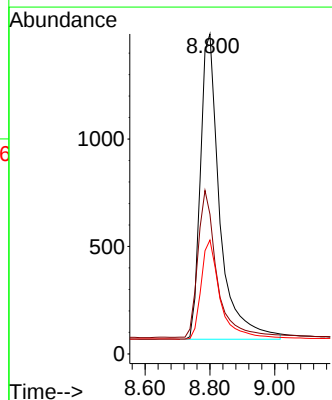
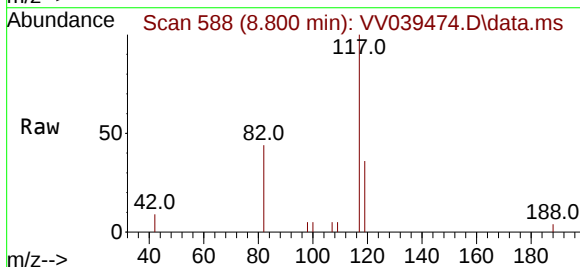
Instrument :
MSVOA_V
ClientSampleId :
VBLK236

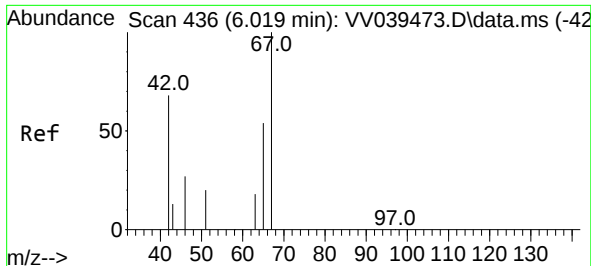
Tgt Ion: 65 Resp: 1812
Ion Ratio Lower Upper
65 100
67 53.8 32.5 60.3
51 39.2 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039474.D
Acq: 05 Dec 2025 12:30

Tgt Ion: 117 Resp: 5907
Ion Ratio Lower Upper
117 100
82 47.1 39.4 59.2
119 32.1 26.2 39.2

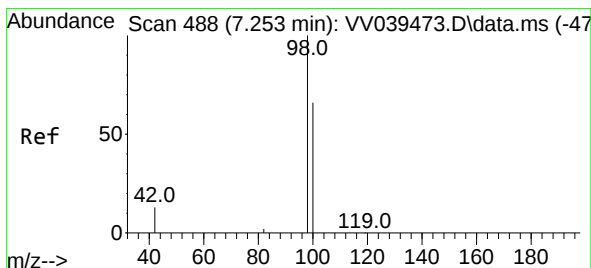
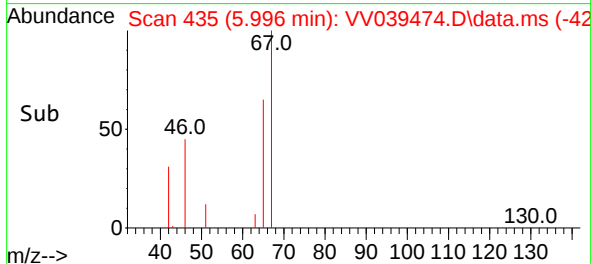
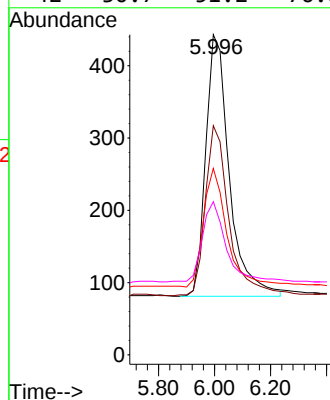
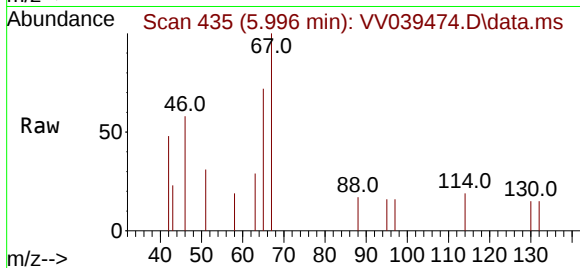




#7
1,2-Dichloropropane-d6
Concen: 0.425 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039474.D
Acq: 05 Dec 2025 12:30

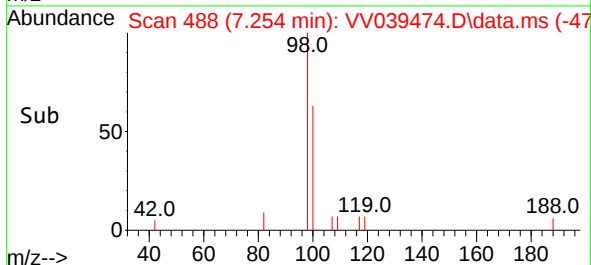
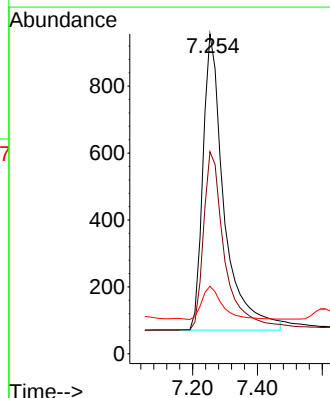
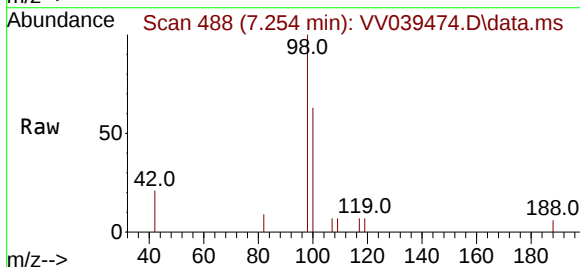
Instrument :
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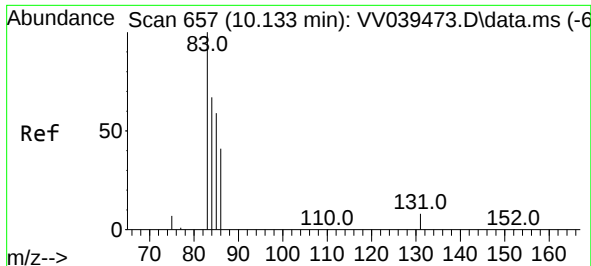
Tgt Ion:	67	Resp:	2120
Ion	Ratio	Lower	Upper
67	100		
65	64.8	37.9	56.9#
46	44.4	27.4	41.0#
42	30.7	51.2	76.8#



#8
Toluene-d8
Concen: 0.476 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039474.D
Acq: 05 Dec 2025 12:30

Tgt Ion:	98	Resp:	4006
Ion	Ratio	Lower	Upper
98	100		
100	60.3	44.5	82.7
42	10.6	10.1	18.7

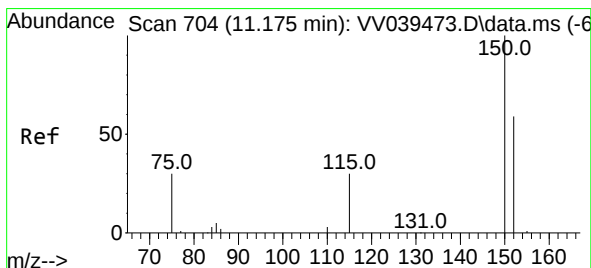
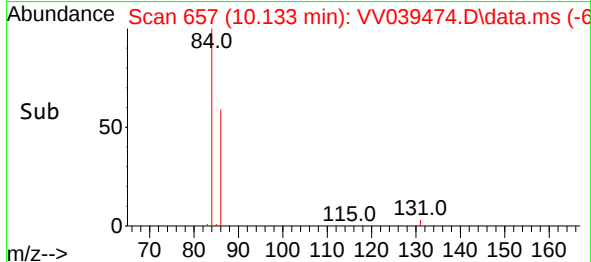
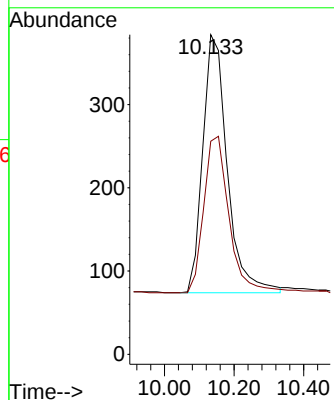
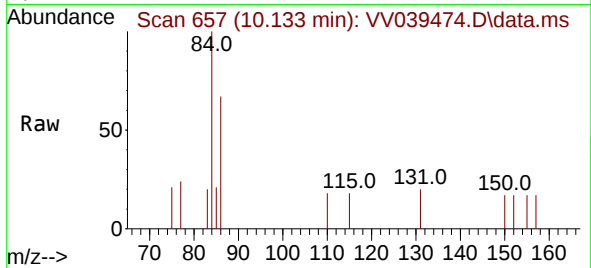




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.541 ug/L
RT: 10.133 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV039474.D
Acq: 05 Dec 2025 12:30

Instrument :
MSVOA_V
ClientSampleId :
VBLK236

Tgt Ion: 84 Resp: 1520
Ion Ratio Lower Upper
84 100
86 62.5 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: VV039474.D
Acq: 05 Dec 2025 12:30

Tgt Ion:152 Resp: 3034
Ion Ratio Lower Upper
152 100
115 55.8 0.0 101.6
150 158.4 0.0 396.2

