

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039480.D
 Acq On : 05 Dec 2025 15:20
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK230

Quant Time: Dec 05 22:49:24 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)

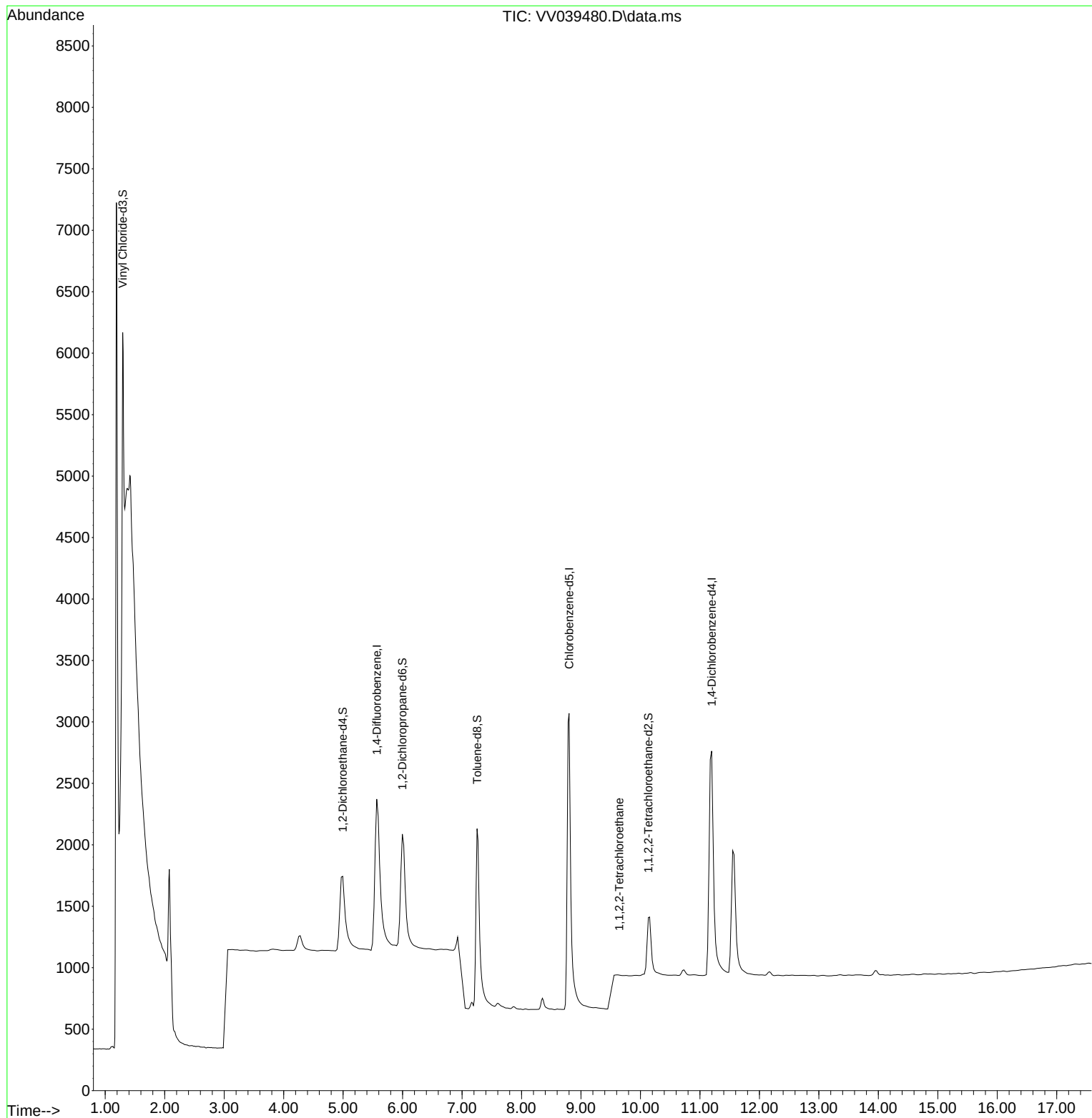
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5616	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5714	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2898	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3372	0.597	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	120.000%
4) 1,2-Dichloroethane-d4	4.993	65	1771	0.474	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
7) 1,2-Dichloropropane-d6	5.995	67	2063	0.428	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	86.000%
8) Toluene-d8	7.253	98	3840	0.472	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.132	84	1441	0.530	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	106.000%
Target Compounds						
11) 1,1,2,2-Tetrachloroethane	9.645	83	1005	0.175	ug/L	# 51

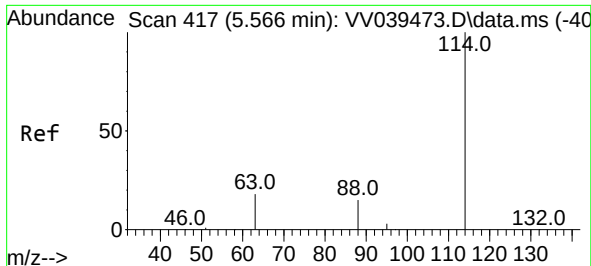
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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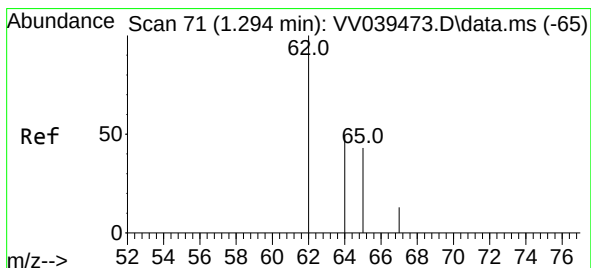
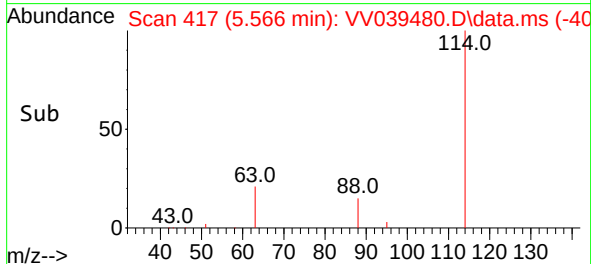
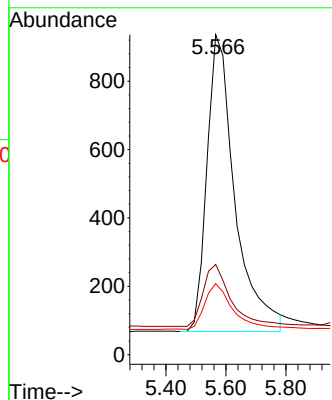
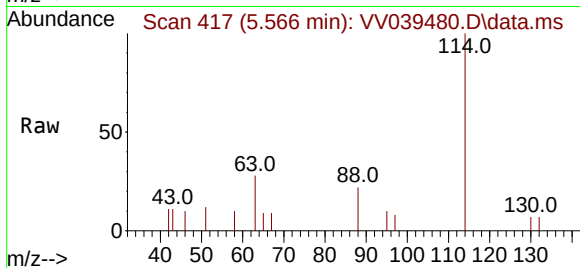




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV039480.D
 Acq: 05 Dec 2025 15:20

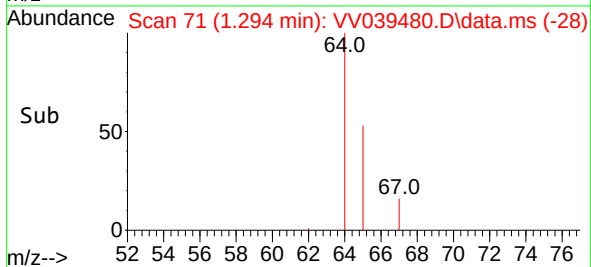
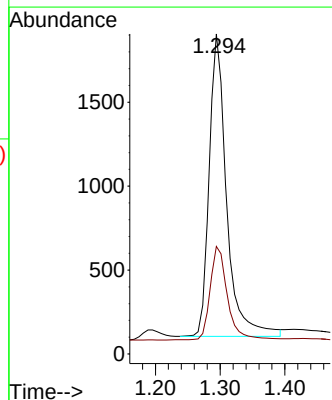
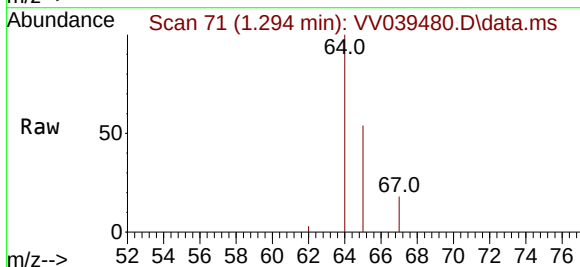
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK230

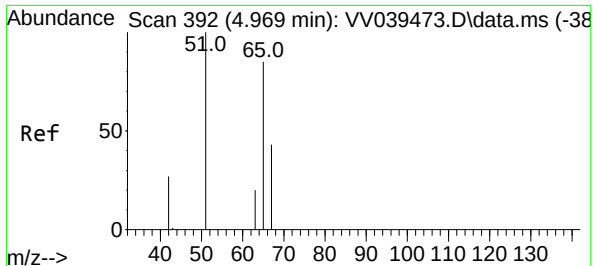
Tgt Ion:	114	Resp:	5616
Ion	Ratio	Lower	Upper
114	100		
63	20.5	15.0	22.4
88	15.5	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.597 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039480.D
 Acq: 05 Dec 2025 15:20

Tgt Ion:	65	Resp:	3372
Ion	Ratio	Lower	Upper
65	100		
67	31.1	22.3	41.5

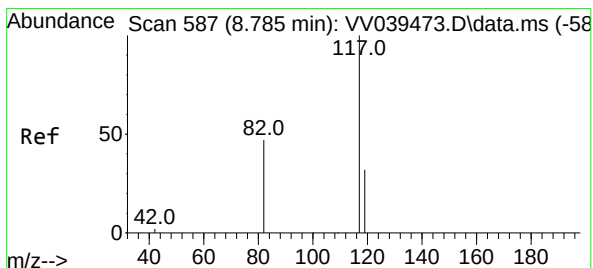
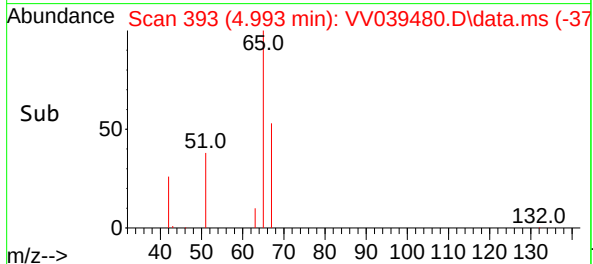
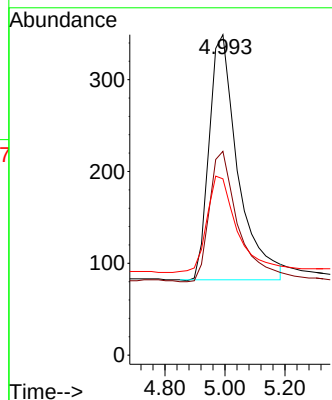
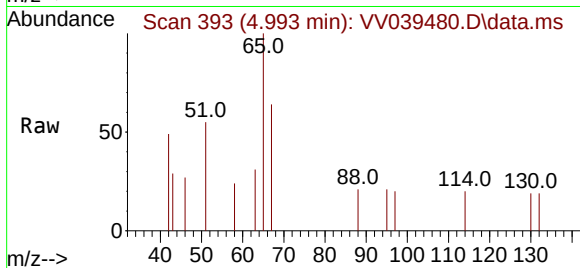




#4
1,2-Dichloroethane-d4
Concen: 0.474 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039480.D
Acq: 05 Dec 2025 15:20

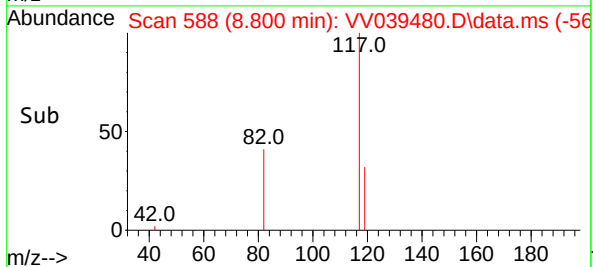
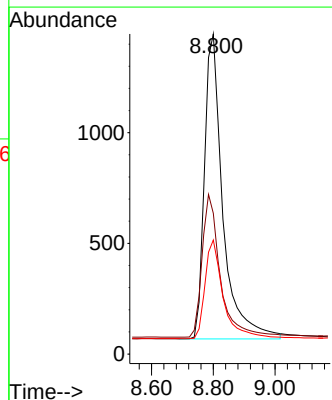
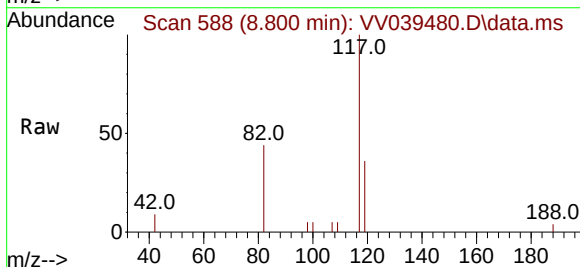
Instrument :
MSVOA_V
ClientSampleId :
VIBLK230

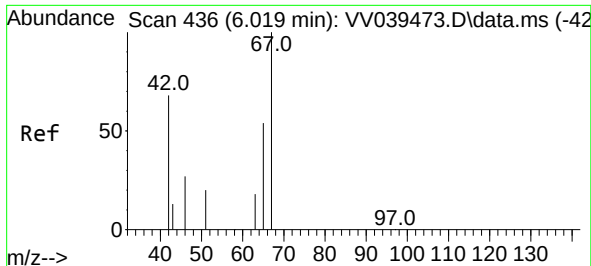
Tgt Ion: 65 Resp: 1771
Ion Ratio Lower Upper
65 100
67 53.6 32.5 60.3
51 41.6 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039480.D
Acq: 05 Dec 2025 15:20

Tgt Ion:117 Resp: 5714
Ion Ratio Lower Upper
117 100
82 46.5 39.4 59.2
119 32.2 26.2 39.2

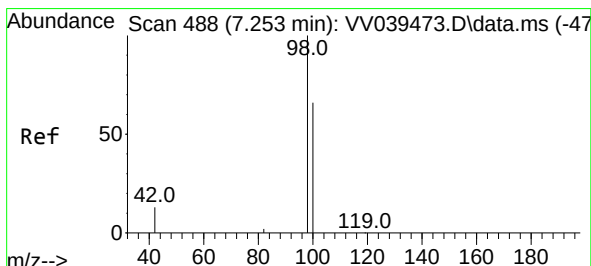
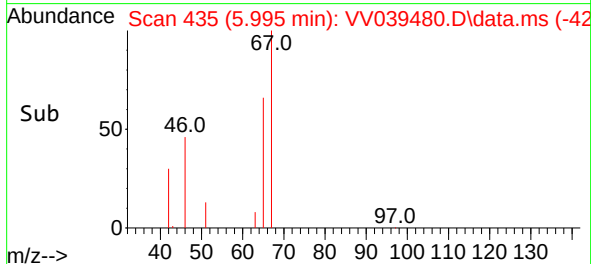
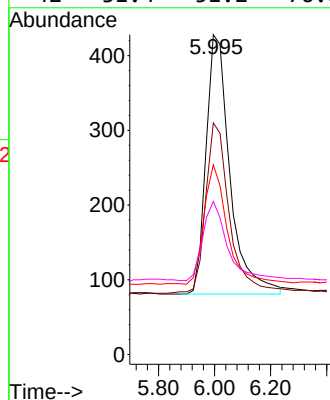
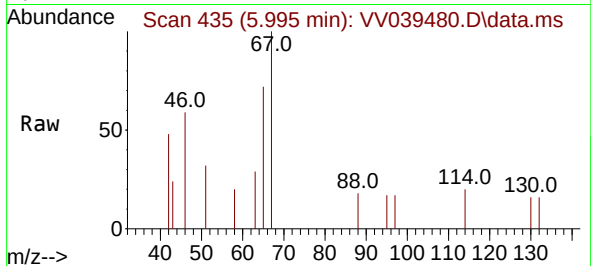




#7
1,2-Dichloropropane-d6
Concen: 0.428 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039480.D
Acq: 05 Dec 2025 15:20

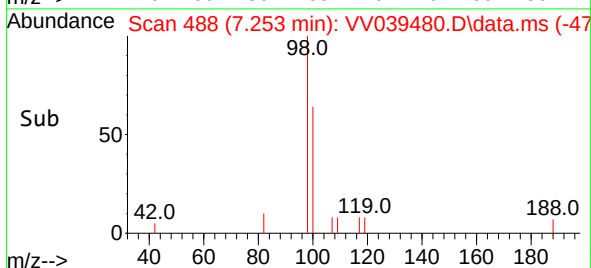
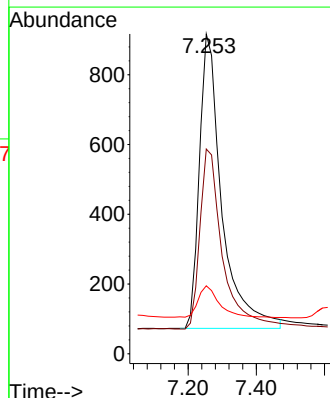
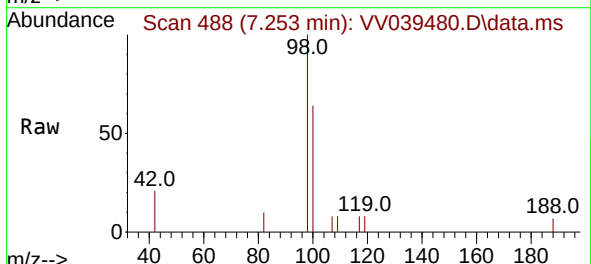
Instrument :
MSVOA_V
ClientSampleId :
VIBLK230

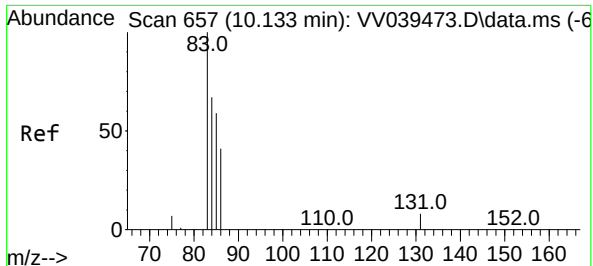
Tgt Ion:	67	Resp:	2063
Ion	Ratio	Lower	Upper
67	100		
65	65.1	37.9	56.9#
46	45.2	27.4	41.0#
42	31.4	51.2	76.8#



#8
Toluene-d8
Concen: 0.472 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039480.D
Acq: 05 Dec 2025 15:20

Tgt Ion:	98	Resp:	3840
Ion	Ratio	Lower	Upper
98	100		
100	62.1	44.5	82.7
42	10.2	10.1	18.7

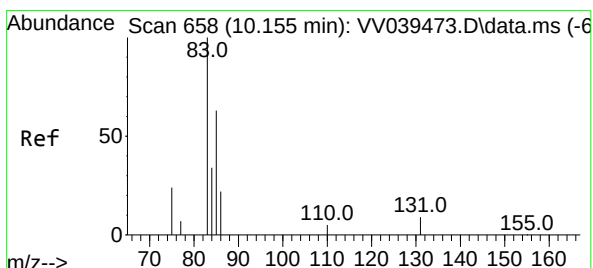
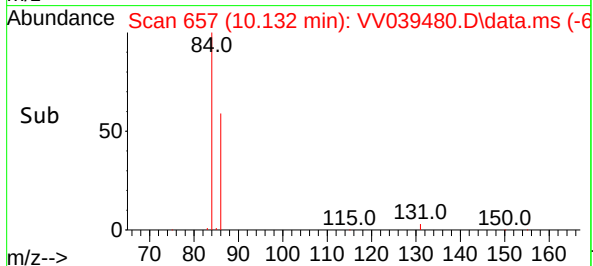
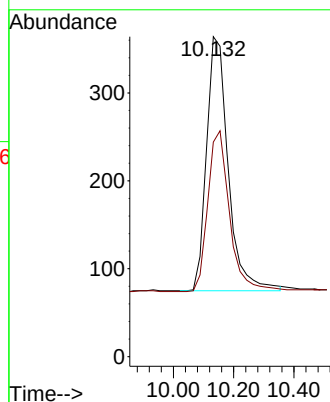
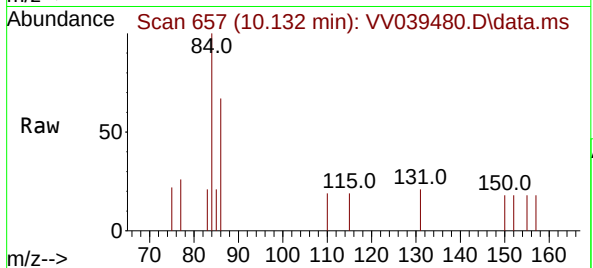




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.530 ug/L
RT: 10.132 min Scan# 610
Delta R.T. -0.001 min
Lab File: VV039480.D
Acq: 05 Dec 2025 15:20

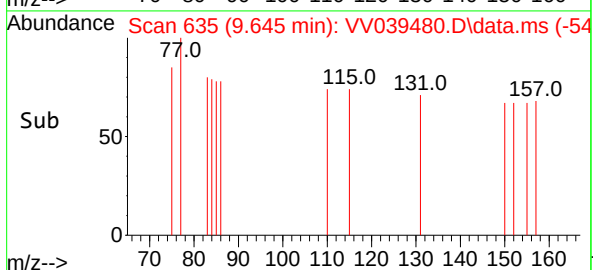
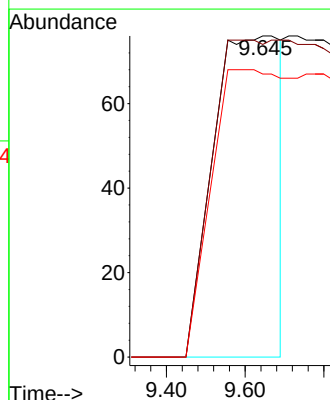
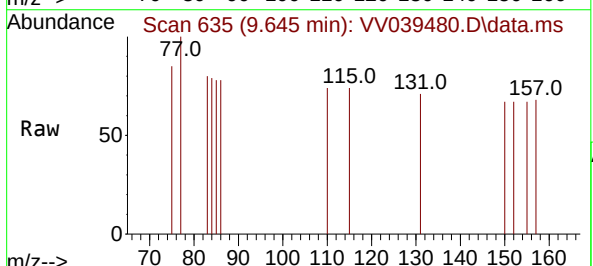
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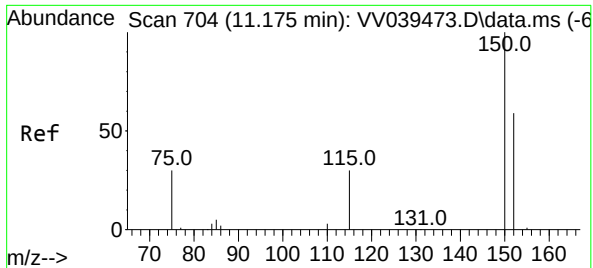
Tgt Ion: 84 Resp: 1441
Ion Ratio Lower Upper
84 100
86 63.7 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.175 ug/L
RT: 9.645 min Scan# 635
Delta R.T. -0.510 min
Lab File: VV039480.D
Acq: 05 Dec 2025 15:20

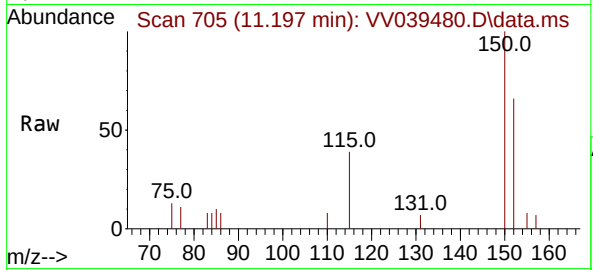
Tgt Ion: 83 Resp: 1005
Ion Ratio Lower Upper
83 100
85 78.3 51.0 76.6#
131 98.8 8.6 12.8#





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.197 min Scan# 70
 Delta R.T. 0.022 min
 Lab File: VV039480.D
 Acq: 05 Dec 2025 15:20

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK230



Tgt Ion:	152	Resp:	2898
Ion	Ratio	Lower	Upper
152	100		
115	55.0	0.0	101.6
150	159.6	0.0	396.2

