

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039543.D
 Acq On : 11 Dec 2025 15:50
 Operator : SY/MD
 Sample : Q3828-10
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Dec 12 00:49:32 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)

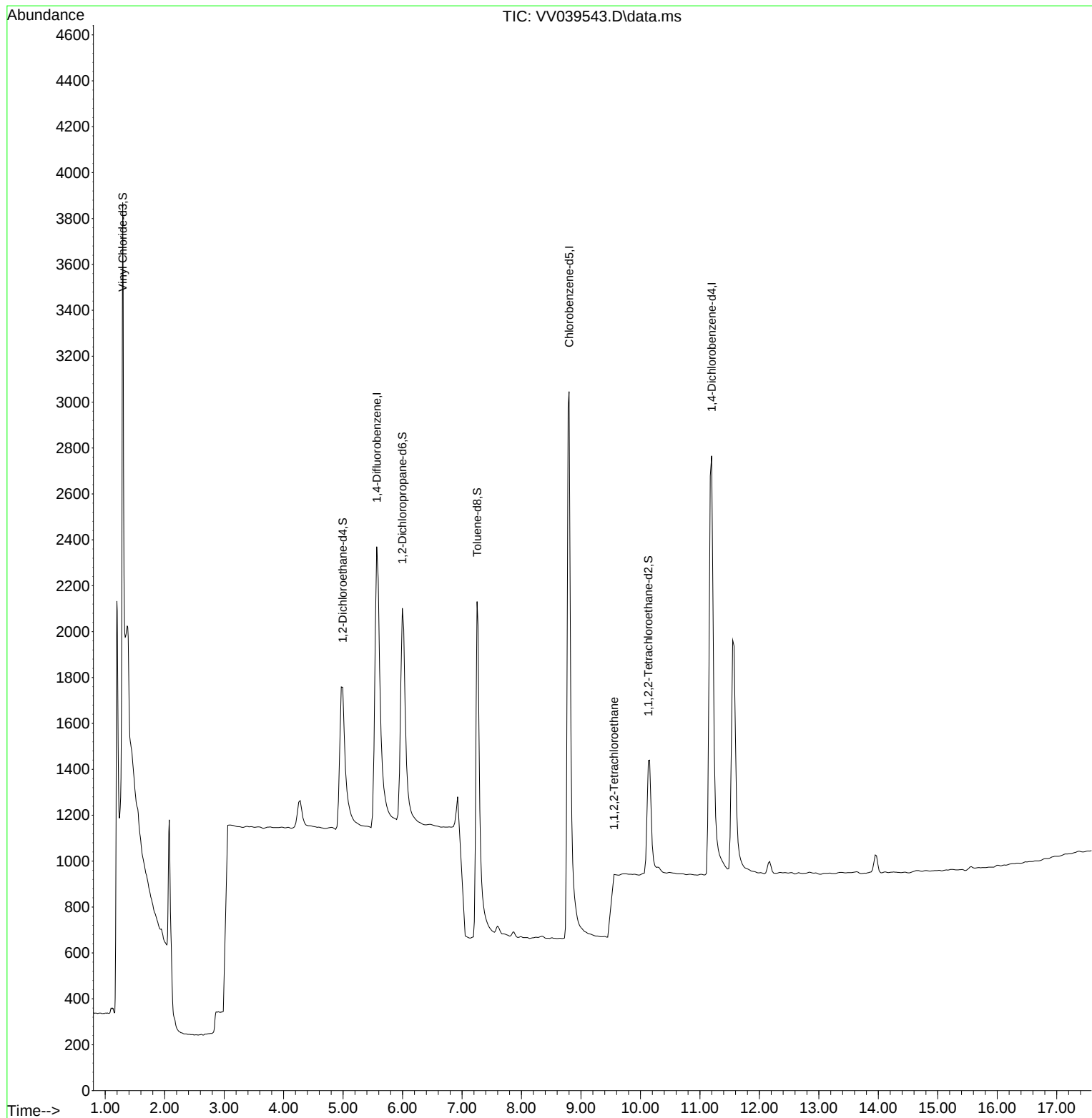
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5516	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5593	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2855	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3351	0.619	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	124.000%
4) 1,2-Dichloroethane-d4	4.993	65	1782	0.485	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
7) 1,2-Dichloropropane-d6	5.996	67	2085	0.442	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	88.000%
8) Toluene-d8	7.254	98	3852	0.484	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1496	0.563	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	112.000%
Target Compounds						
11) 1,1,2,2-Tetrachloroethane	9.556	83	289	0.052	ug/L	# 1

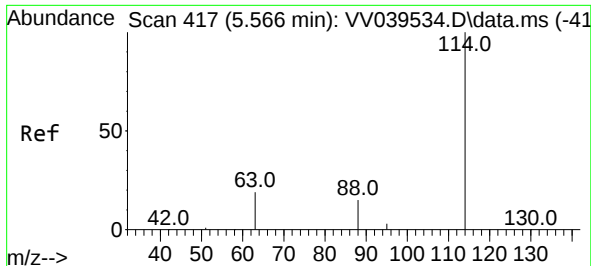
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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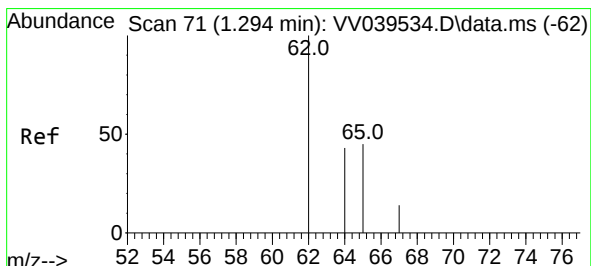
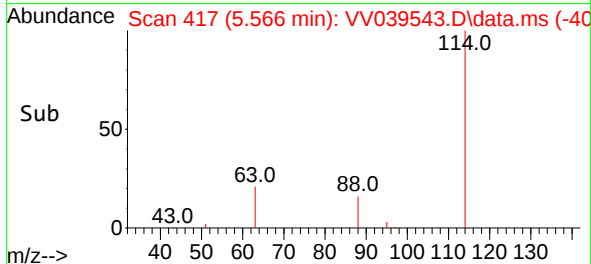
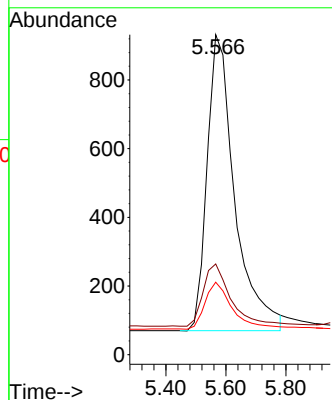
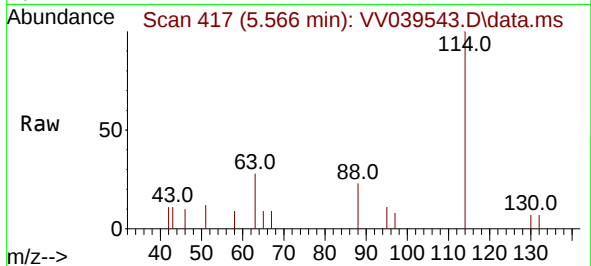




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039543.D
Acq: 11 Dec 2025 15:50

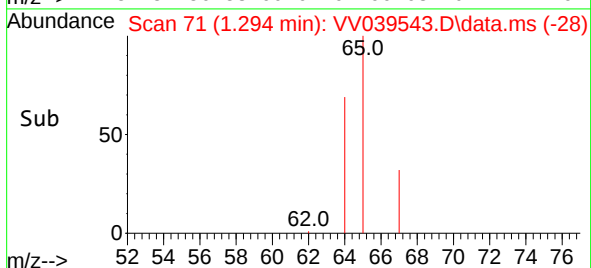
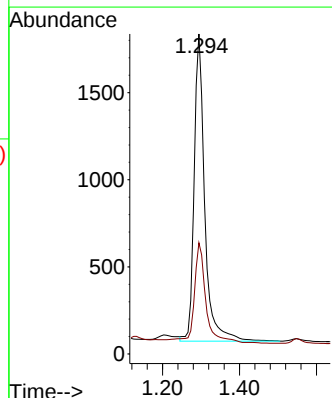
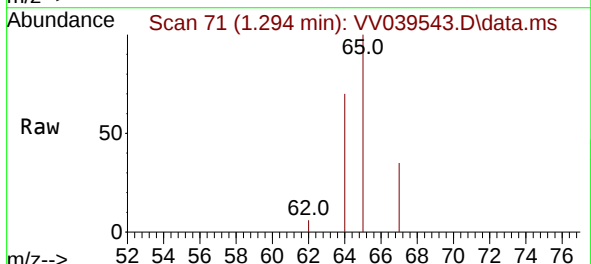
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

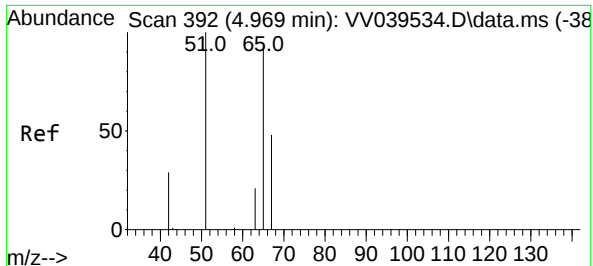
Tgt Ion:	114	Resp:	5516
Ion	Ratio	Lower	Upper
114	100		
63	21.1	15.0	22.4
88	15.4	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.619 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039543.D
Acq: 11 Dec 2025 15:50

Tgt Ion:	65	Resp:	3351
Ion	Ratio	Lower	Upper
65	100		
67	35.4	22.3	41.5

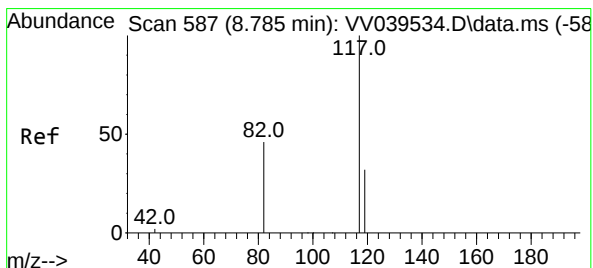
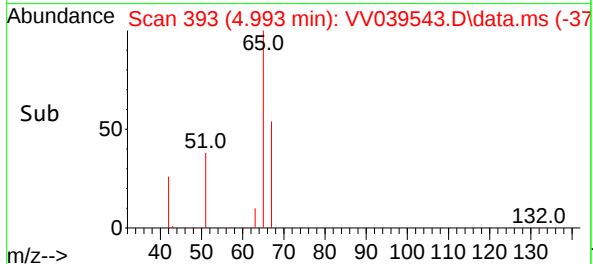
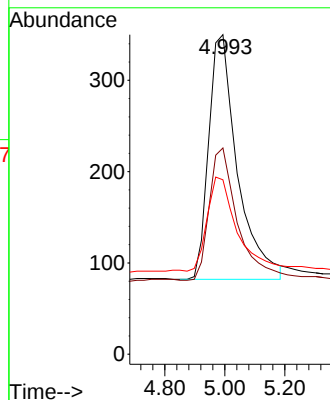
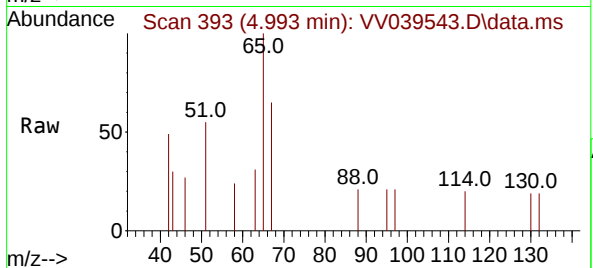




#4
1,2-Dichloroethane-d4
Concen: 0.485 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039543.D
Acq: 11 Dec 2025 15:50

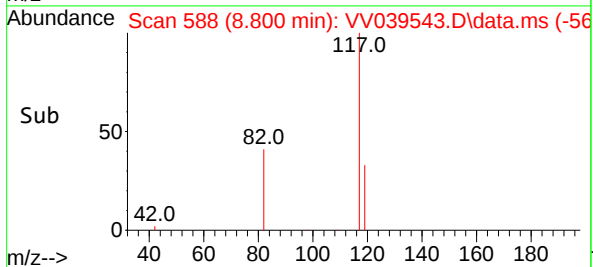
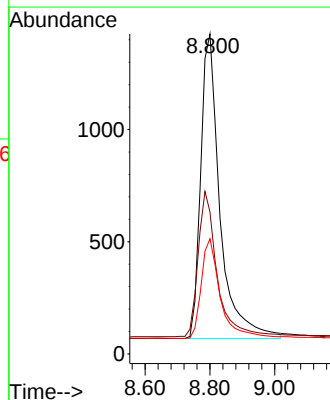
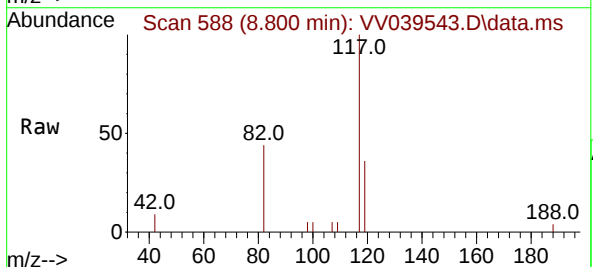
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

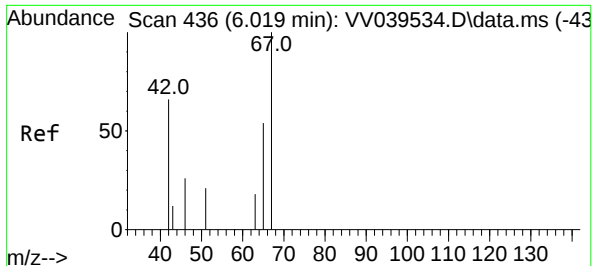
Tgt Ion: 65 Resp: 1782
Ion Ratio Lower Upper
65 100
67 53.4 32.5 60.3
51 40.0 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039543.D
Acq: 11 Dec 2025 15:50

Tgt Ion:117 Resp: 5593
Ion Ratio Lower Upper
117 100
82 47.0 39.4 59.2
119 32.4 26.2 39.2

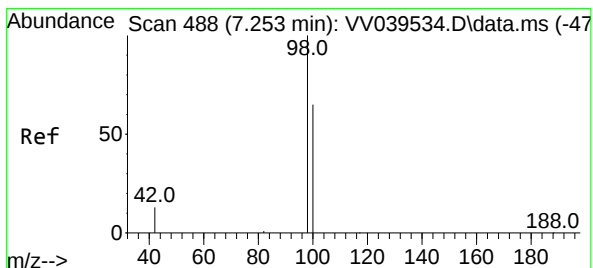
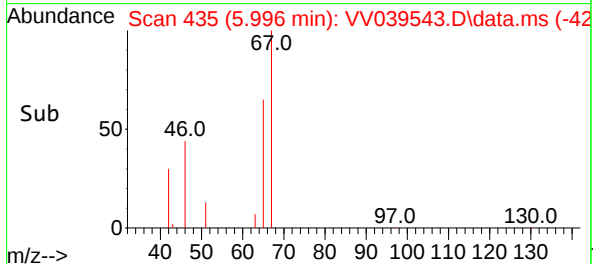
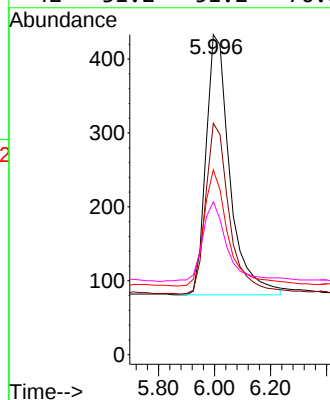
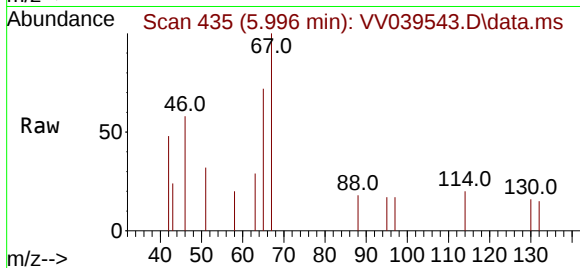




#7
1,2-Dichloropropane-d6
Concen: 0.442 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039543.D
Acq: 11 Dec 2025 15:50

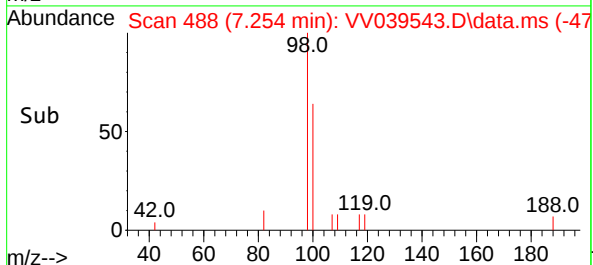
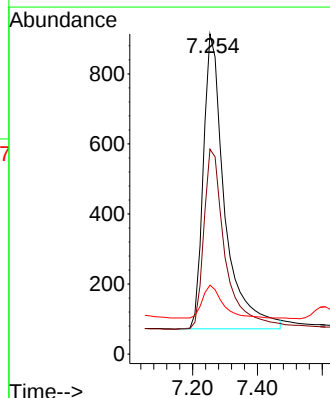
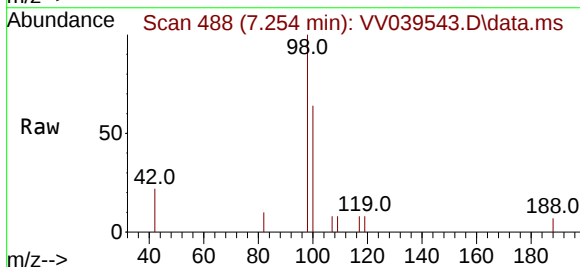
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

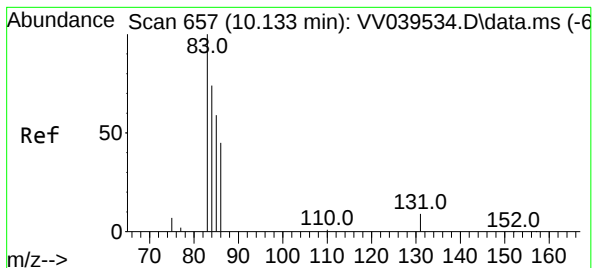
Tgt Ion:	67	Resp:	2085
Ion	Ratio	Lower	Upper
67	100		
65	65.3	37.9	56.9#
46	45.1	27.4	41.0#
42	31.2	51.2	76.8#



#8
Toluene-d8
Concen: 0.484 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039543.D
Acq: 11 Dec 2025 15:50

Tgt Ion:	98	Resp:	3852
Ion	Ratio	Lower	Upper
98	100		
100	61.3	44.5	82.7
42	10.4	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.563 ug/L

RT: 10.133 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV039543.D

Acq: 11 Dec 2025 15:50

Instrument :

MSVOA_V

ClientSampleId :

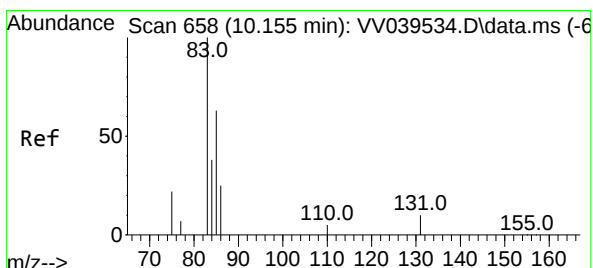
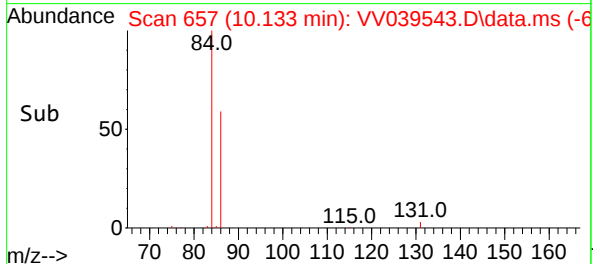
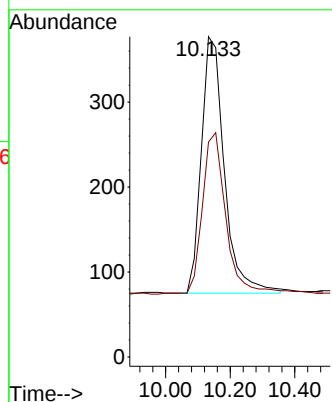
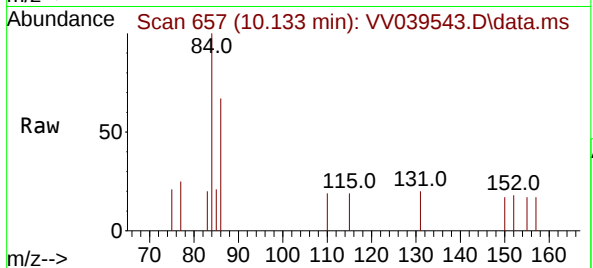
VHBLK001

Tgt Ion: 84 Resp: 1496

Ion Ratio Lower Upper

84 100

86 64.0 44.4 82.5



#11

1,1,2,2-Tetrachloroethane

Concen: 0.052 ug/L

RT: 9.556 min Scan# 631

Delta R.T. -0.599 min

Lab File: VV039543.D

Acq: 11 Dec 2025 15:50

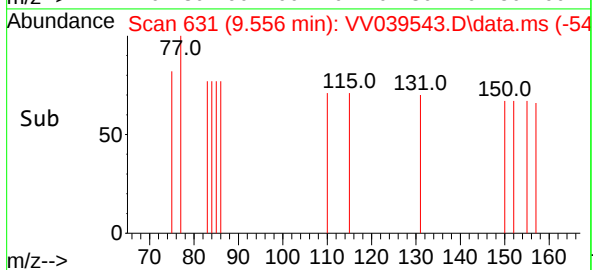
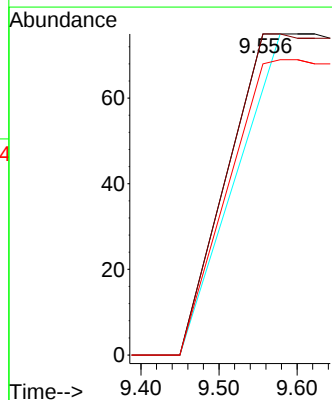
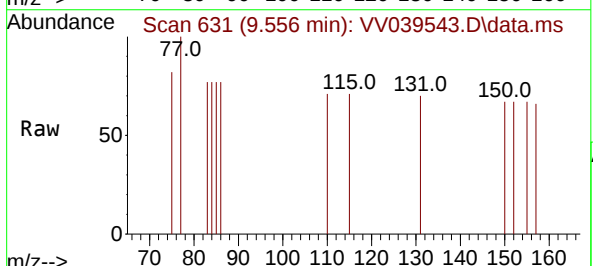
Tgt Ion: 83 Resp: 289

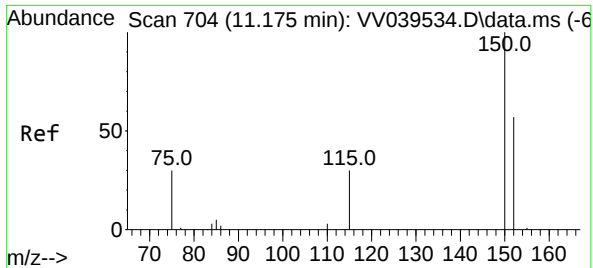
Ion Ratio Lower Upper

83 100

85 232.9 51.0 76.6#

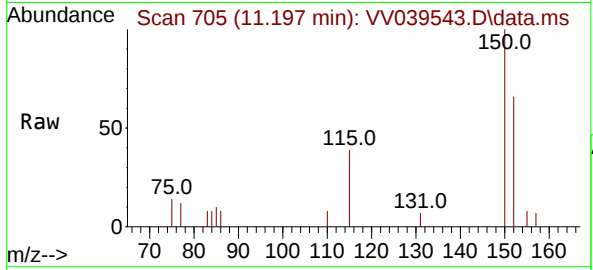
131 314.9 8.6 12.8#





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.197 min Scan# 705
 Delta R.T. 0.022 min
 Lab File: VV039543.D
 Acq: 11 Dec 2025 15:50

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001



Tgt Ion:	152	Resp:	2855
Ion	Ratio	Lower	Upper
152	100		
115	56.4	0.0	101.6
150	159.1	0.0	396.2

