

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039459.D
 Acq On : 04 Dec 2025 10:15
 Operator : SY/MD
 Sample : VV1204WBL01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK235

Quant Time: Dec 05 00:08:39 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)

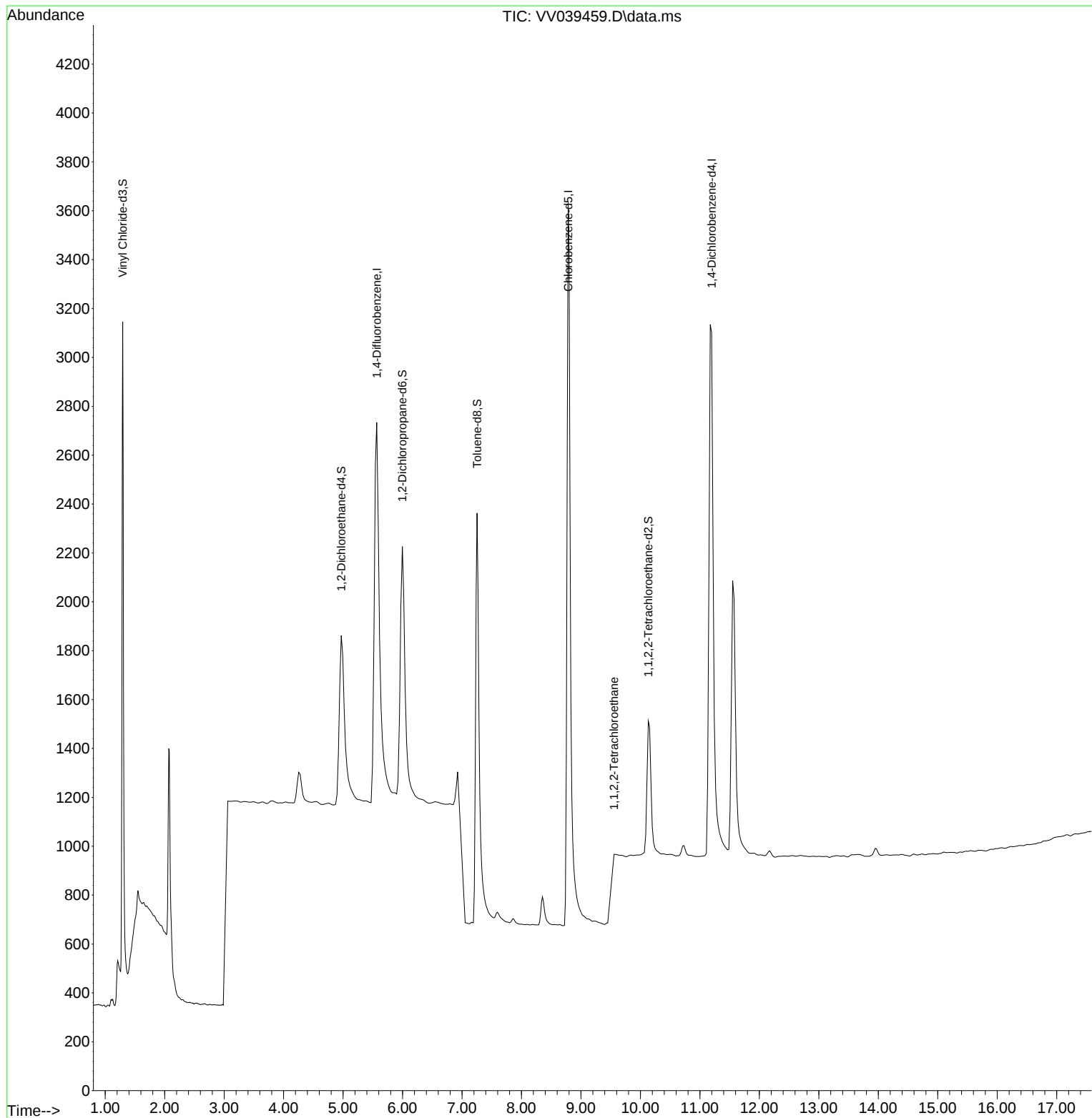
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7074	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6633	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.198	152	3409	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3577	0.503	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	100.000%
4) 1,2-Dichloroethane-d4	4.970	65	1966	0.417	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.000%
7) 1,2-Dichloropropane-d6	5.996	67	2213	0.395	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	80.000%
8) Toluene-d8	7.254	98	4285	0.454	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1572	0.498	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	100.000%
Target Compounds						
11) 1,1,2,2-Tetrachloroethane	9.556	83	450	0.068	ug/L	Qvalue # 1

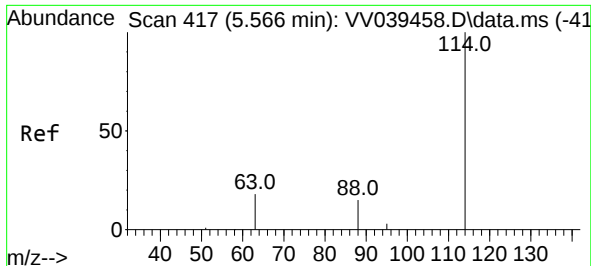
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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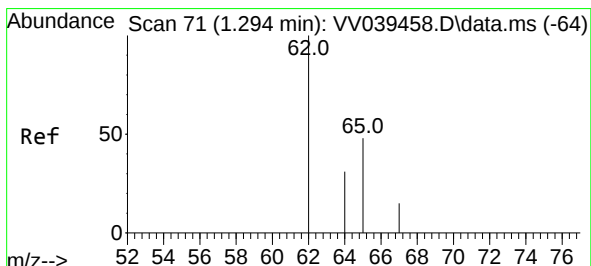
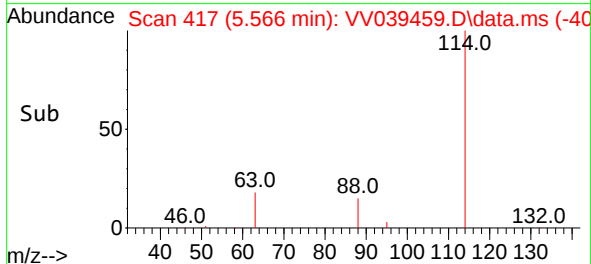
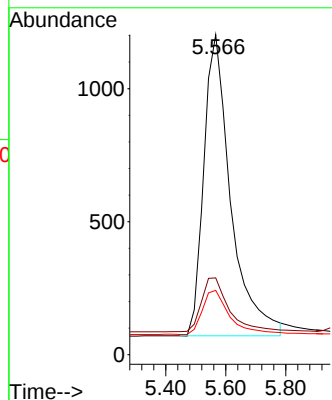
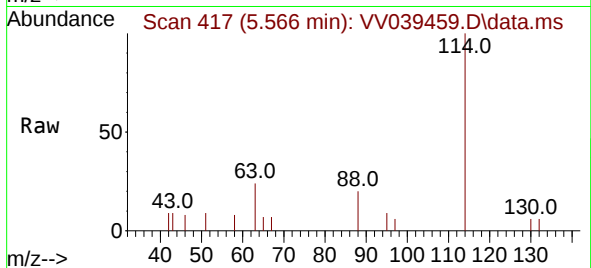




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039459.D
Acq: 04 Dec 2025 10:15

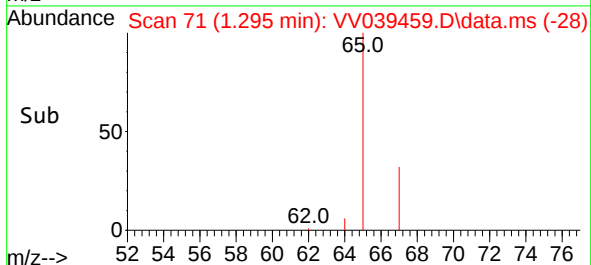
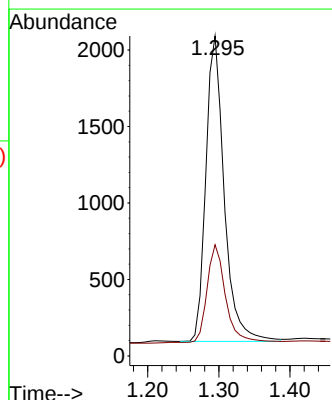
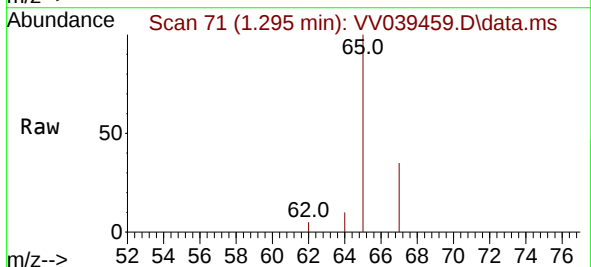
Instrument :
MSVOA_V
ClientSampleId :
VBLK235

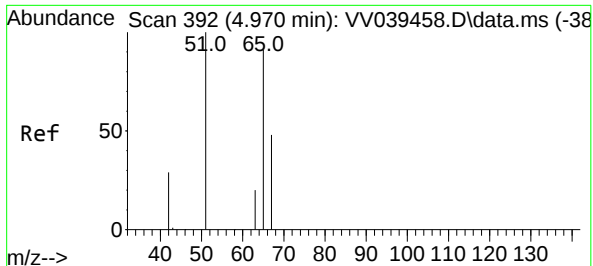
Tgt Ion:114 Resp: 7074
Ion Ratio Lower Upper
114 100
63 18.3 15.0 22.4
88 14.8 12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.503 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039459.D
Acq: 04 Dec 2025 10:15

Tgt Ion: 65 Resp: 3577
Ion Ratio Lower Upper
65 100
67 33.3 22.3 41.5

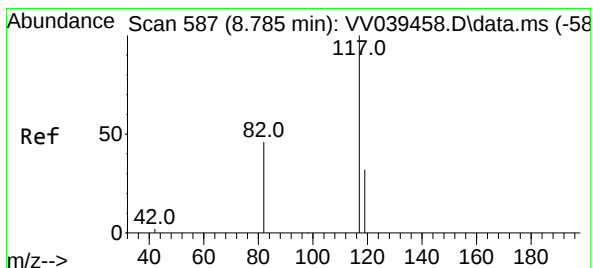
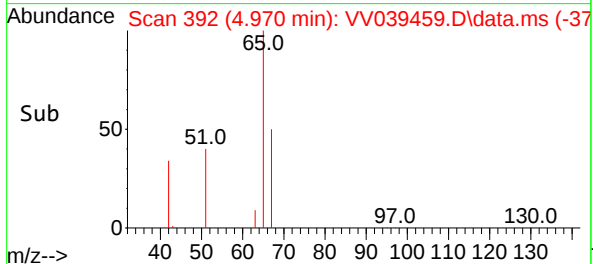
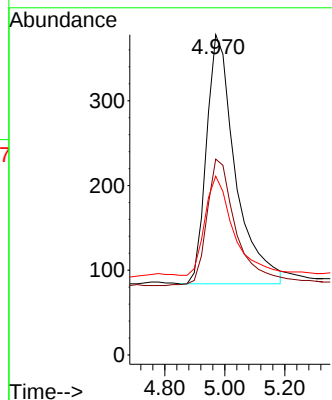
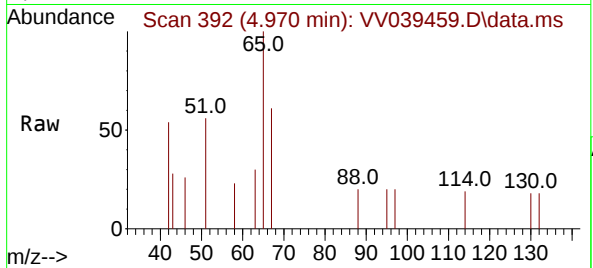




#4
1,2-Dichloroethane-d4
Concen: 0.417 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039459.D
Acq: 04 Dec 2025 10:15

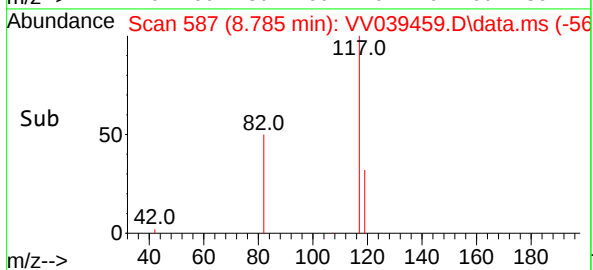
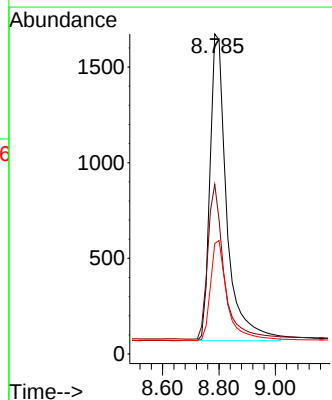
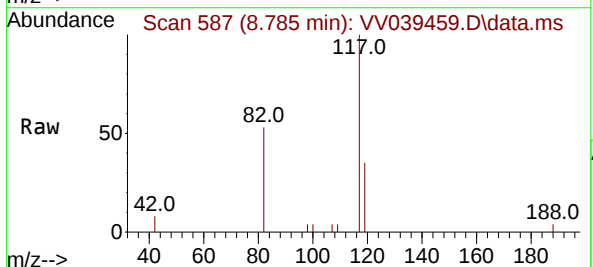
Instrument :
MSVOA_V
ClientSampleId :
VBLK235

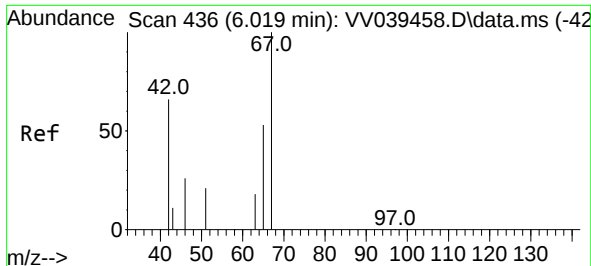
Tgt Ion: 65 Resp: 1966
Ion Ratio Lower Upper
65 100
67 51.6 32.5 60.3
51 39.3 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039459.D
Acq: 04 Dec 2025 10:15

Tgt Ion: 117 Resp: 6633
Ion Ratio Lower Upper
117 100
82 48.9 39.4 59.2
119 32.4 26.2 39.2

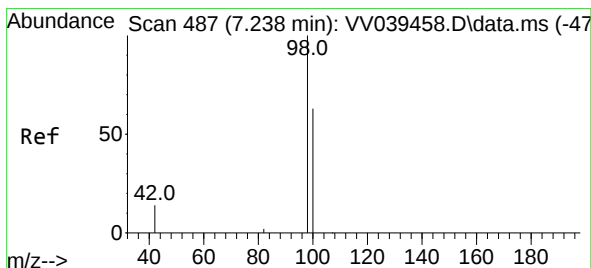
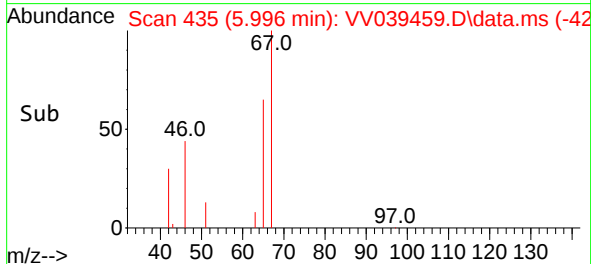
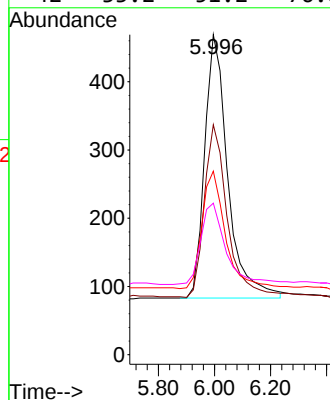
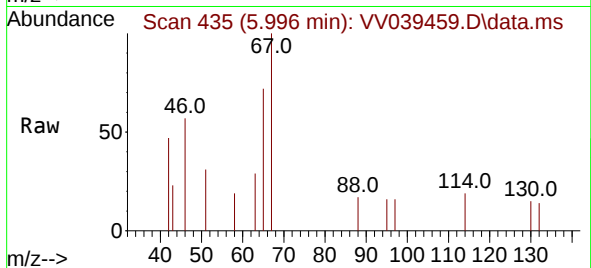




#7
1,2-Dichloropropane-d6
Concen: 0.395 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039459.D
Acq: 04 Dec 2025 10:15

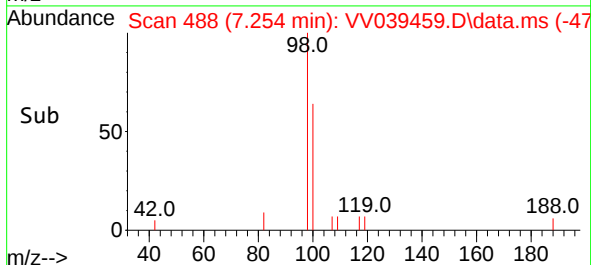
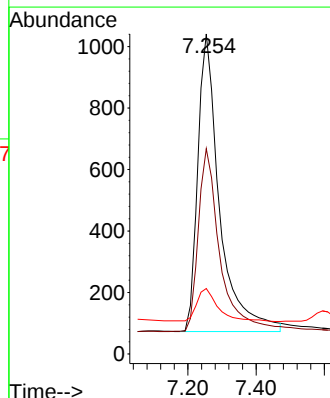
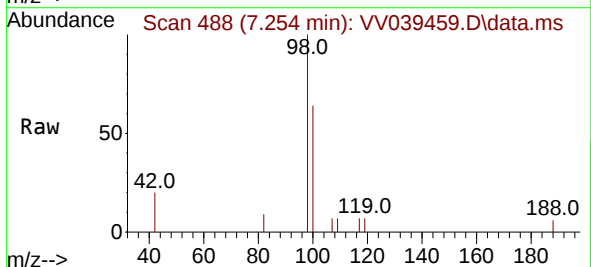
Instrument :
MSVOA_V
ClientSampleId :
VBLK235

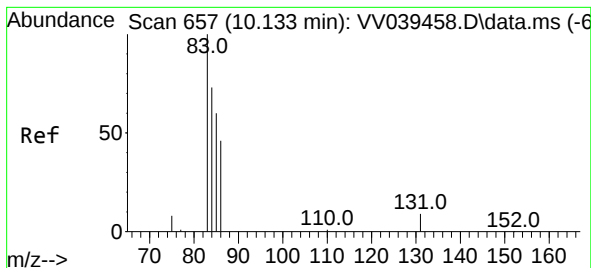
Tgt Ion:	67	Resp:	2213
Ion	Ratio	Lower	Upper
67	100		
65	64.5	37.9	56.9#
46	45.1	27.4	41.0#
42	33.2	51.2	76.8#



#8
Toluene-d8
Concen: 0.454 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039459.D
Acq: 04 Dec 2025 10:15

Tgt Ion:	98	Resp:	4285
Ion	Ratio	Lower	Upper
98	100		
100	60.7	44.5	82.7
42	10.8	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.498 ug/L

RT: 10.133 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV039459.D

Acq: 04 Dec 2025 10:15

Instrument :

MSVOA_V

ClientSampleId :

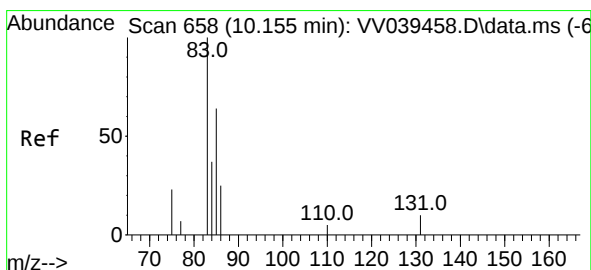
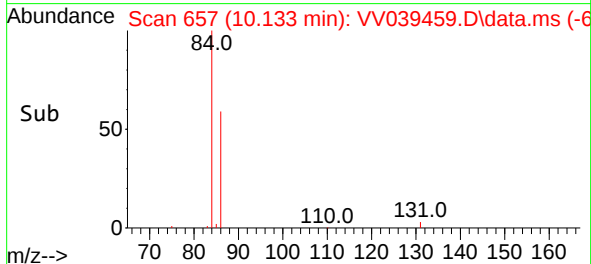
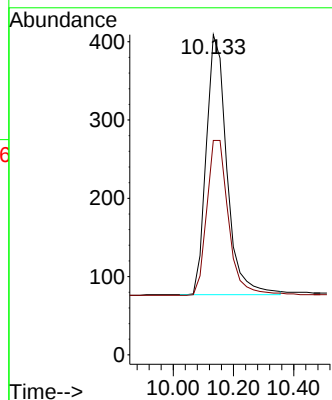
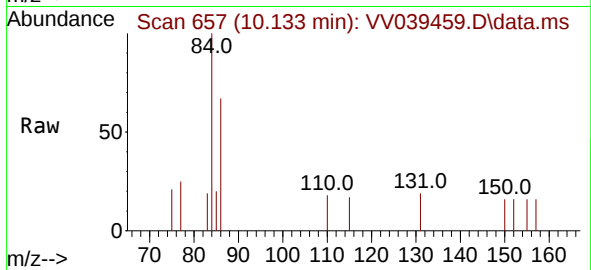
VBLK235

Tgt Ion: 84 Resp: 1572

Ion Ratio Lower Upper

84 100

86 62.9 44.4 82.5



#11

1,1,2,2-Tetrachloroethane

Concen: 0.068 ug/L

RT: 9.556 min Scan# 631

Delta R.T. -0.599 min

Lab File: VV039459.D

Acq: 04 Dec 2025 10:15

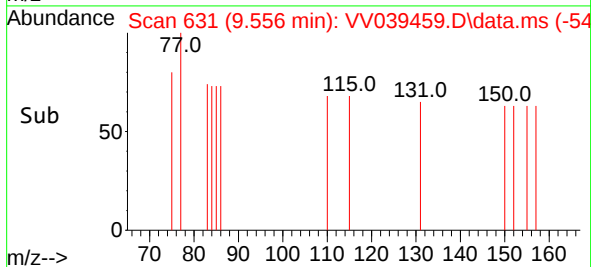
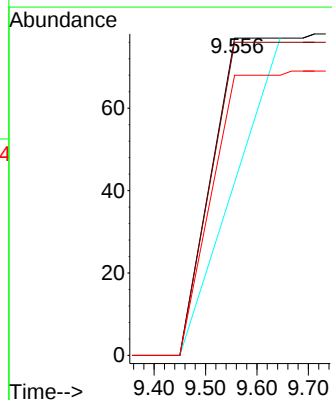
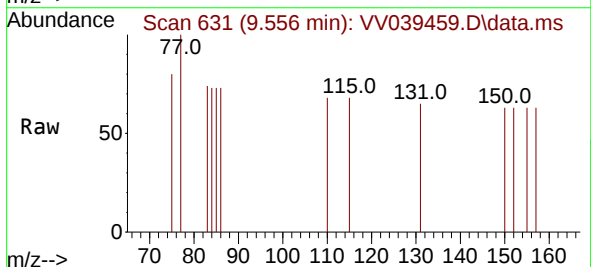
Tgt Ion: 83 Resp: 450

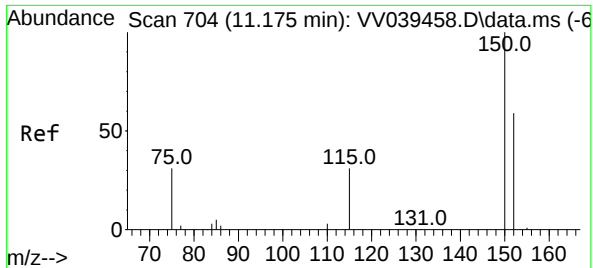
Ion Ratio Lower Upper

83 100

85 410.2 51.0 76.6#

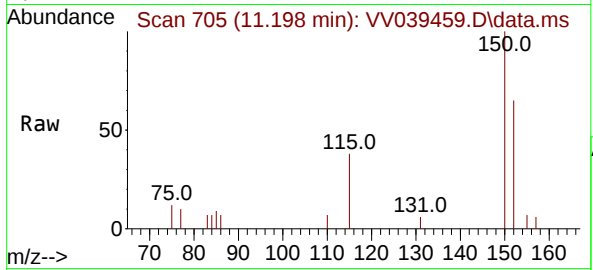
131 68.2 8.6 12.8#





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.198 min Scan# 705
 Delta R.T. 0.023 min
 Lab File: VV039459.D
 Acq: 04 Dec 2025 10:15

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK235



Tgt Ion:	152	Resp:	3409
Ion	Ratio	Lower	Upper
152	100		
115	55.1	0.0	101.6
150	160.1	0.0	396.2

