

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121125\
 Data File : VV039535.D
 Acq On : 11 Dec 2025 12:04
 Operator : SY/MD
 Sample : VV1211WBL01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK240

Quant Time: Dec 12 00:48:01 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)

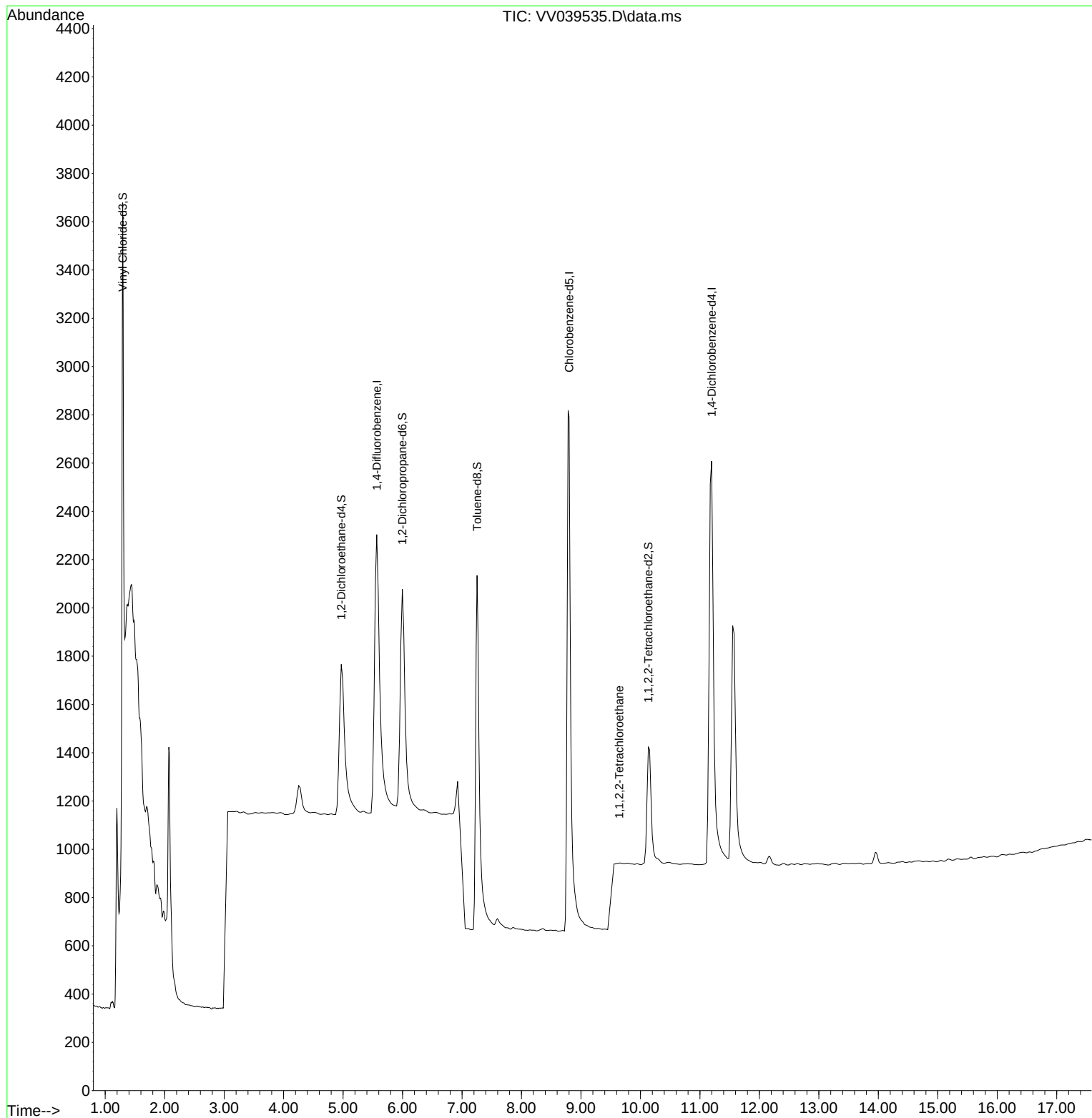
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5311	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5097	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2635	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3180	0.610	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	122.000%
4) 1,2-Dichloroethane-d4	4.970	65	1762	0.498	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.000%
7) 1,2-Dichloropropane-d6	5.996	67	2019	0.469	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	94.000%
8) Toluene-d8	7.254	98	3786	0.522	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	104.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1427	0.589	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	118.000%
Target Compounds						
						Qvalue
11) 1,1,2,2-Tetrachloroethane	9.645	83	1626	0.318	ug/L	# 31

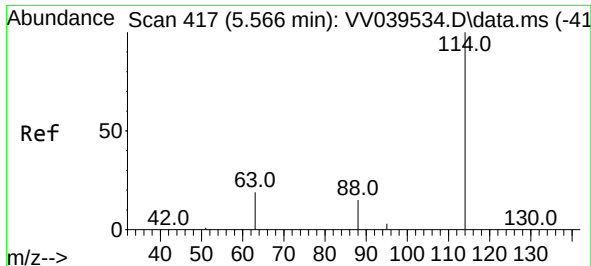
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 09 08:40:48 2025
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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: VV039535.D

Acq: 11 Dec 2025 12:04

Instrument :

MSVOA_V

ClientSampleId :

VBLK240

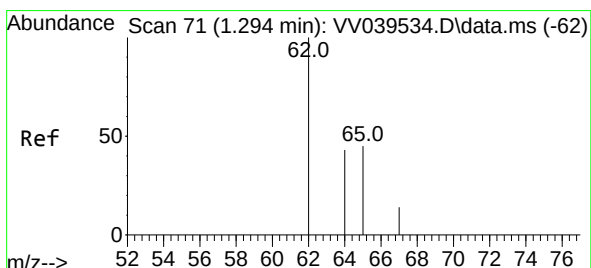
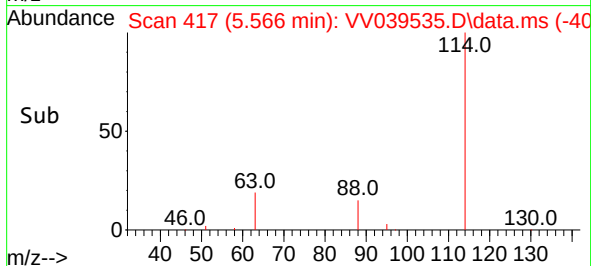
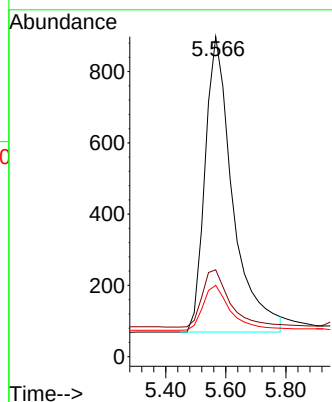
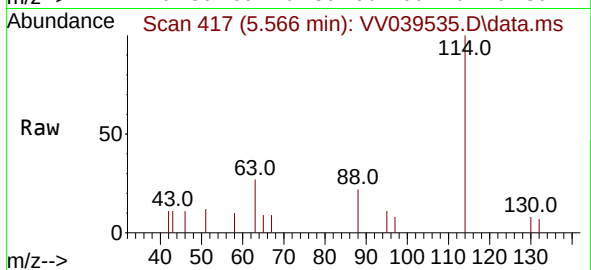
Tgt Ion:114 Resp: 5311

Ion Ratio Lower Upper

114 100

63 19.5 15.0 22.4

88 15.2 12.0 18.0



#2

Vinyl Chloride-d3

Concen: 0.610 ug/L

RT: 1.295 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039535.D

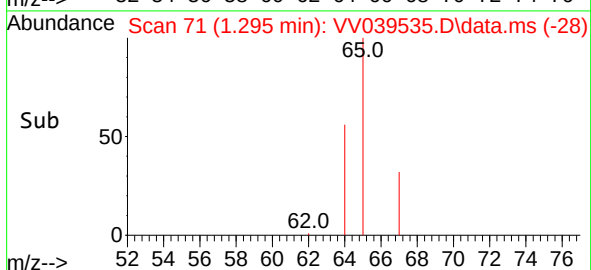
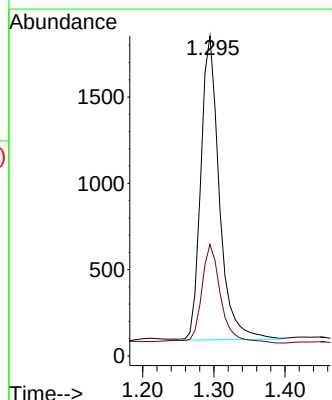
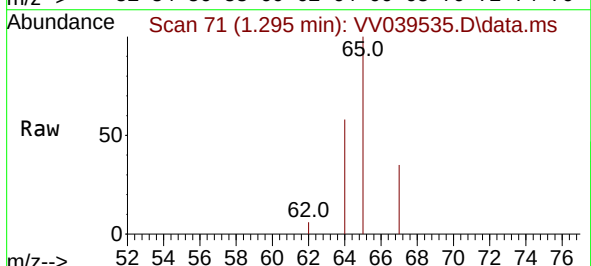
Acq: 11 Dec 2025 12:04

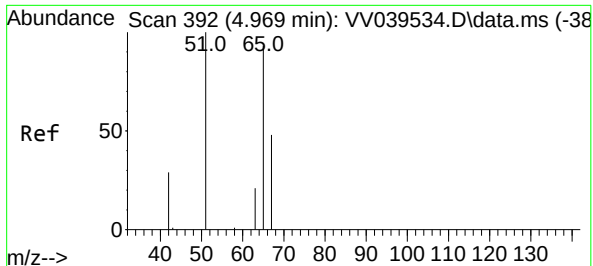
Tgt Ion: 65 Resp: 3180

Ion Ratio Lower Upper

65 100

67 34.3 22.3 41.5

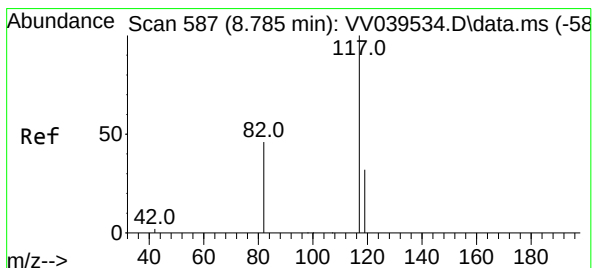
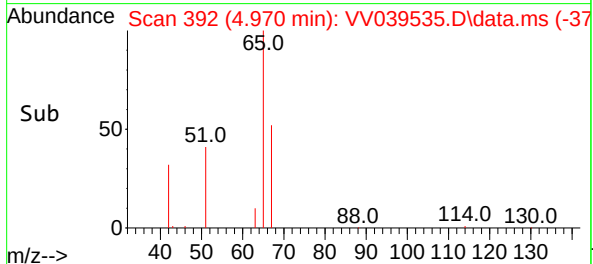
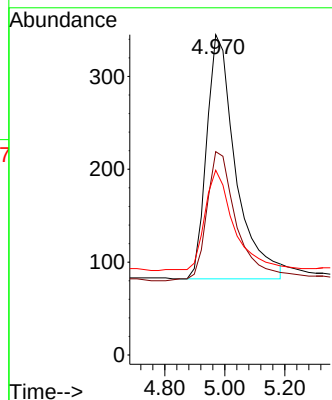
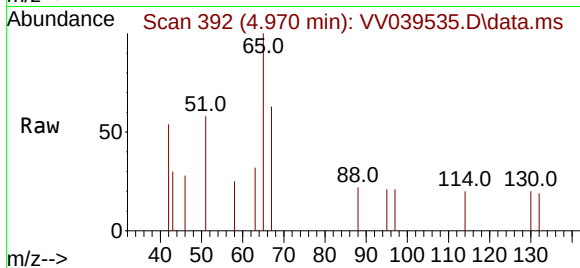




#4
1,2-Dichloroethane-d4
Concen: 0.498 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

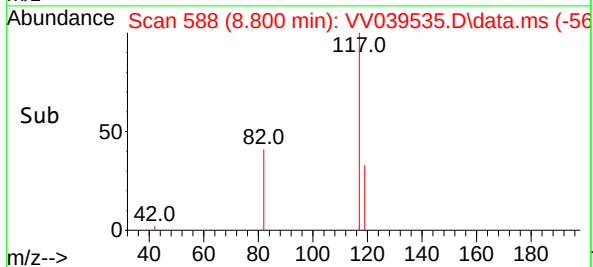
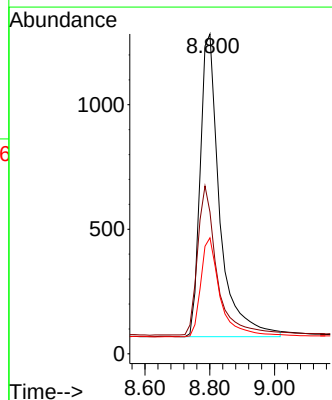
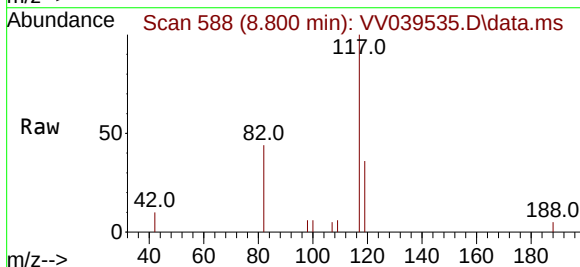
Instrument :
MSVOA_V
ClientSampleId :
VBLK240

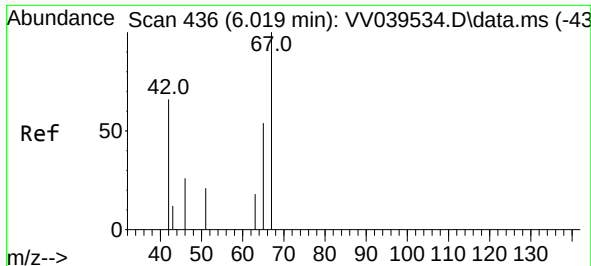
Tgt Ion: 65 Resp: 1762
Ion Ratio Lower Upper
65 100
67 54.5 32.5 60.3
51 41.2 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

Tgt Ion: 117 Resp: 5097
Ion Ratio Lower Upper
117 100
82 49.1 39.4 59.2
119 32.5 26.2 39.2

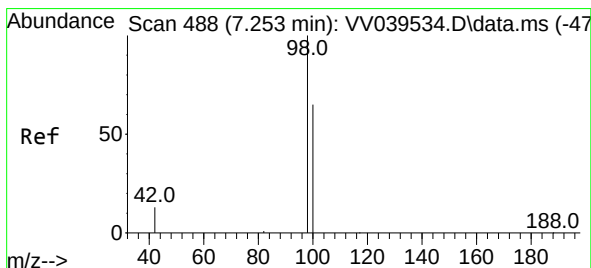
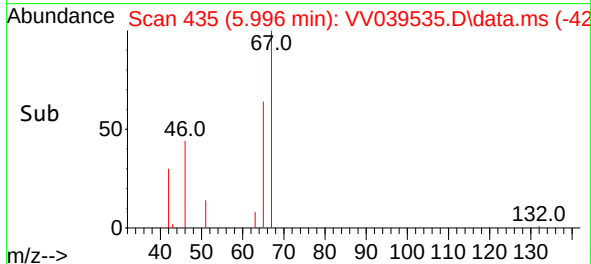
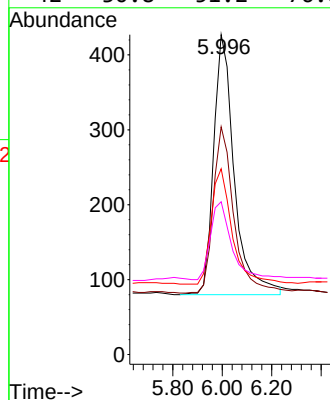
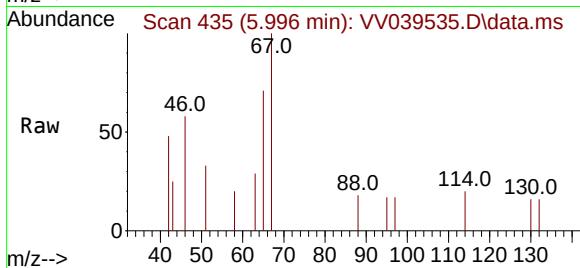




#7
 1,2-Dichloropropane-d6
 Concen: 0.469 ug/L
 RT: 5.996 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VV039535.D
 Acq: 11 Dec 2025 12:04

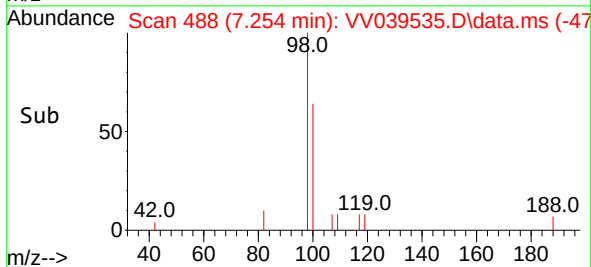
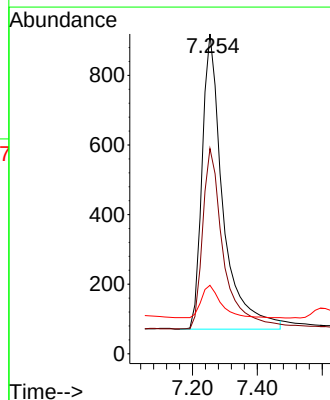
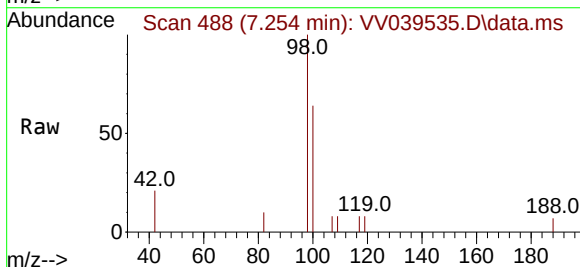
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK240

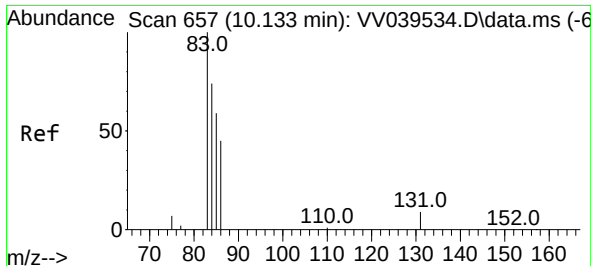
Tgt Ion:	67	Resp:	2019
Ion	Ratio	Lower	Upper
67	100		
65	63.7	37.9	56.9#
46	44.8	27.4	41.0#
42	30.8	51.2	76.8#



#8
 Toluene-d8
 Concen: 0.522 ug/L
 RT: 7.254 min Scan# 488
 Delta R.T. 0.016 min
 Lab File: VV039535.D
 Acq: 11 Dec 2025 12:04

Tgt Ion:	98	Resp:	3786
Ion	Ratio	Lower	Upper
98	100		
100	61.1	44.5	82.7
42	10.1	10.1	18.7

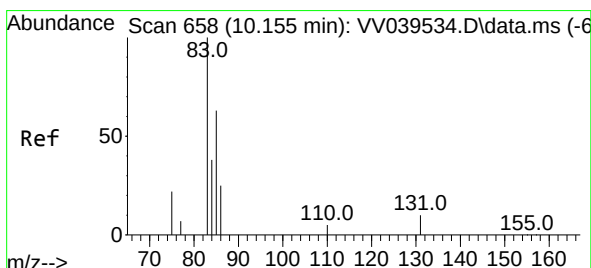
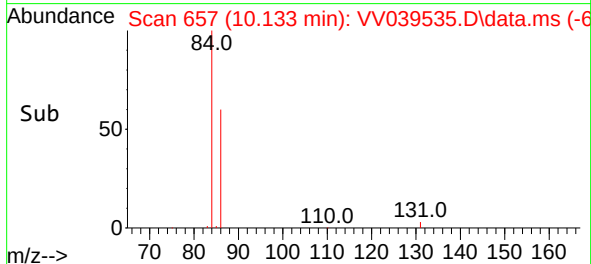
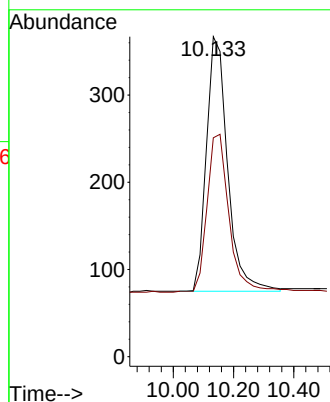
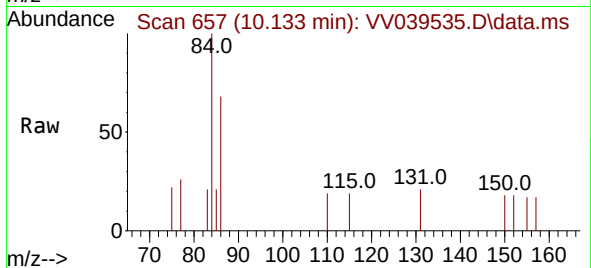




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.589 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

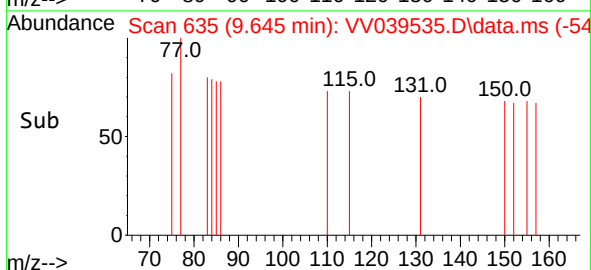
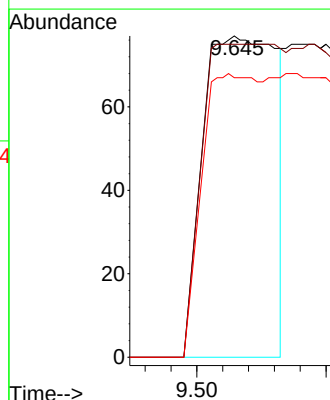
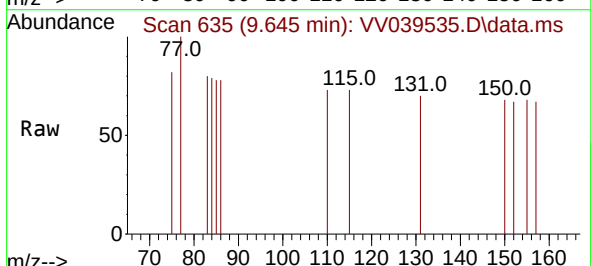
Instrument :
MSVOA_V
ClientSampleId :
VBLK240

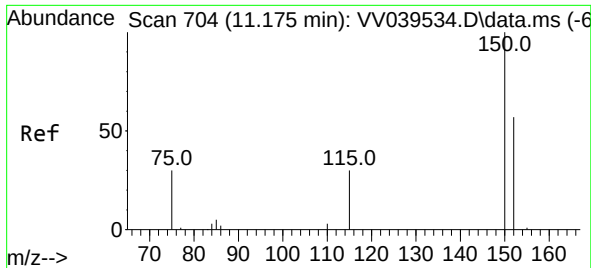
Tgt Ion: 84 Resp: 1427
Ion Ratio Lower Upper
84 100
86 64.2 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.318 ug/L
RT: 9.645 min Scan# 635
Delta R.T. -0.510 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

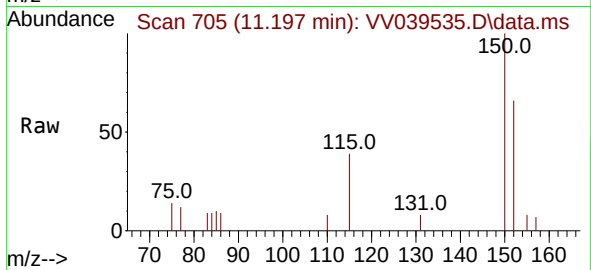
Tgt Ion: 83 Resp: 1626
Ion Ratio Lower Upper
83 100
85 20.7 51.0 76.6#
131 66.4 8.6 12.8#





#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 70
Delta R.T. 0.022 min
Lab File: VV039535.D
Acq: 11 Dec 2025 12:04

Instrument :
MSVOA_V
ClientSampleId :
VBLK240



Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	0.0	101.6
150	159.5	0.0	396.2

