

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039478.D
 Acq On : 05 Dec 2025 14:37
 Operator : SY/MD
 Sample : Q3757-12
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TB01-120325

Quant Time: Dec 05 22:49:02 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)

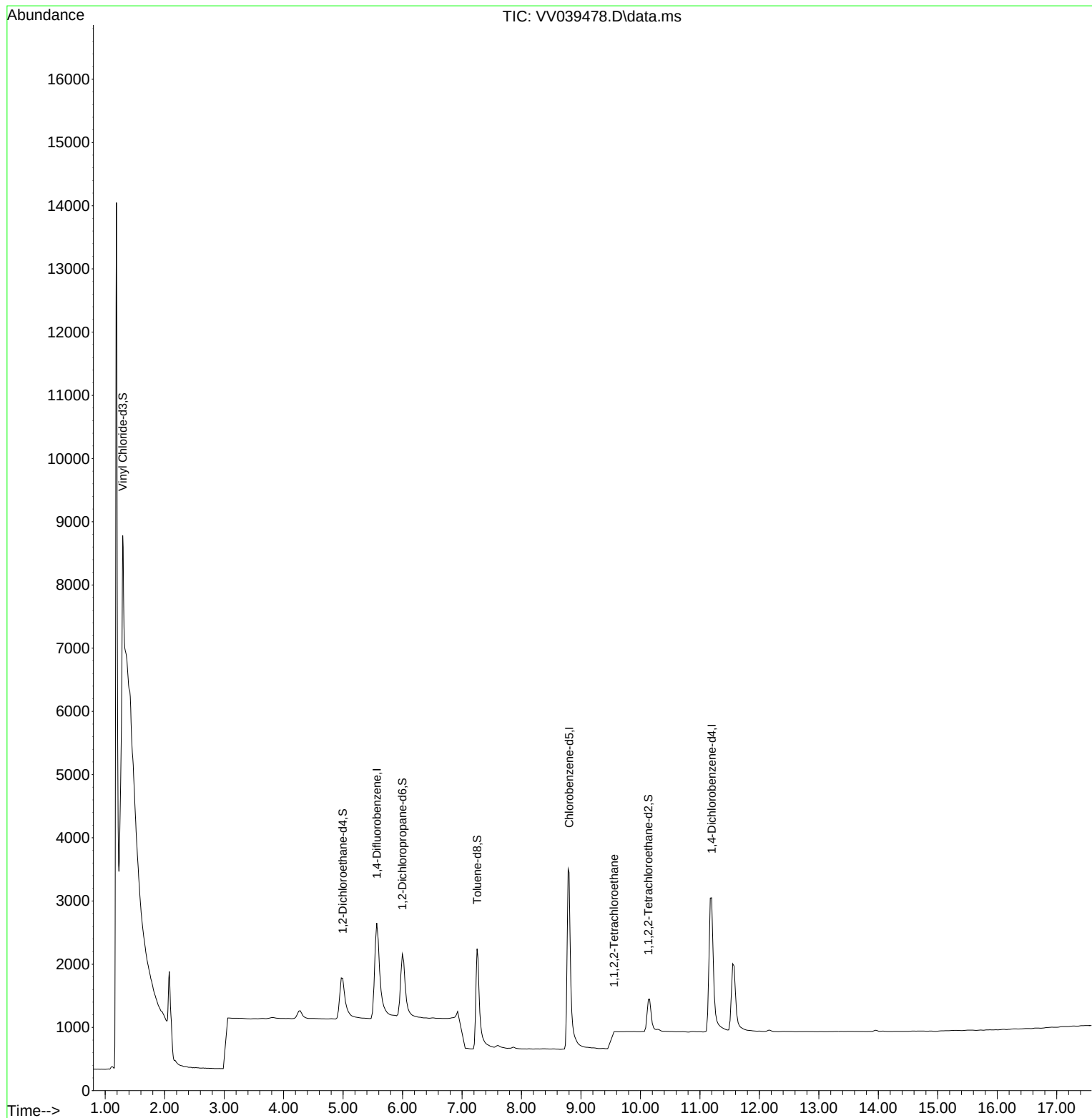
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6676	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6644	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3356	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3973	0.592	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	118.000%
4) 1,2-Dichloroethane-d4	4.993	65	1923	0.433	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
7) 1,2-Dichloropropane-d6	5.995	67	2233	0.398	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	80.000%
8) Toluene-d8	7.253	98	4118	0.435	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1578	0.500	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	289	0.043	ug/L	Qvalue # 1

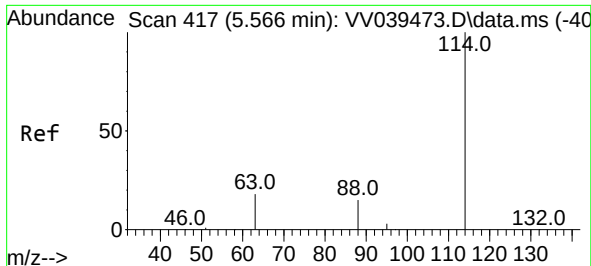
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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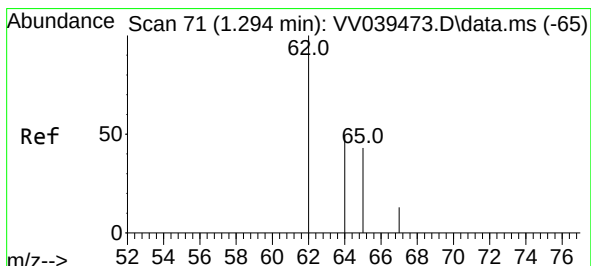
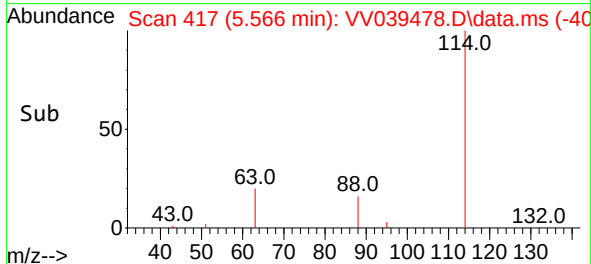
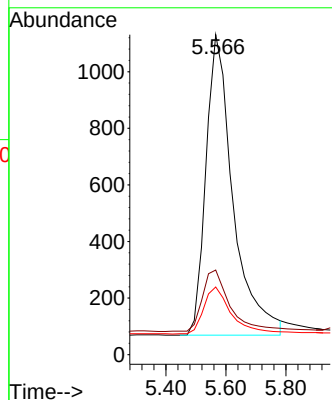
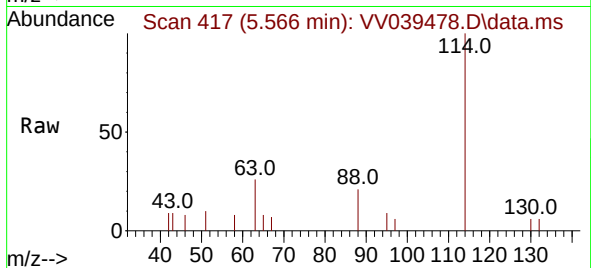




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV039478.D
 Acq: 05 Dec 2025 14:37

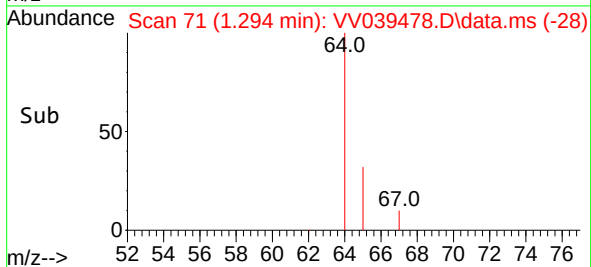
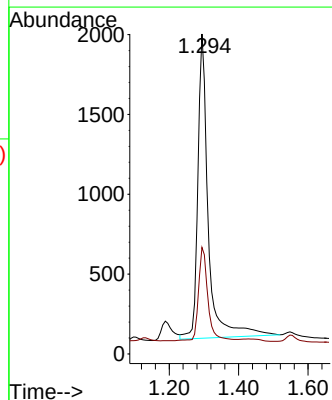
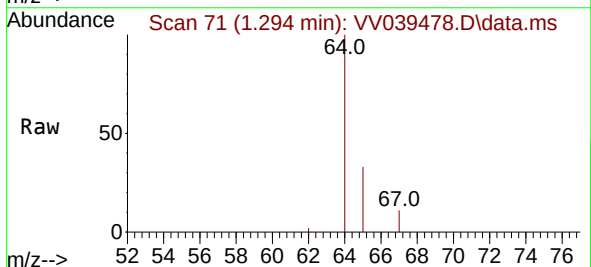
Instrument :
 MSVOA_V
 ClientSampleId :
 TB01-120325

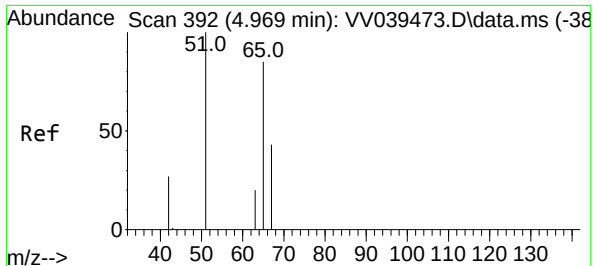
Tgt Ion:114	Resp:	6676
Ion	Ratio	Lower Upper
114	100	
63	20.7	15.0 22.4
88	15.9	12.0 18.0



#2
 Vinyl Chloride-d3
 Concen: 0.592 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039478.D
 Acq: 05 Dec 2025 14:37

Tgt Ion: 65	Resp:	3973
Ion	Ratio	Lower Upper
65	100	
67	27.5	22.3 41.5

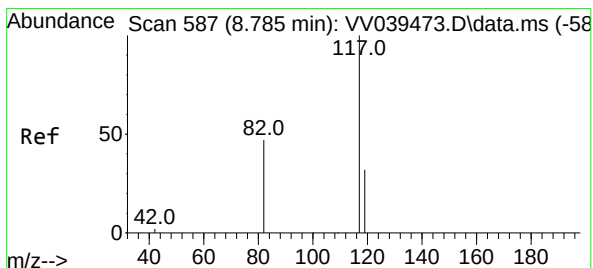
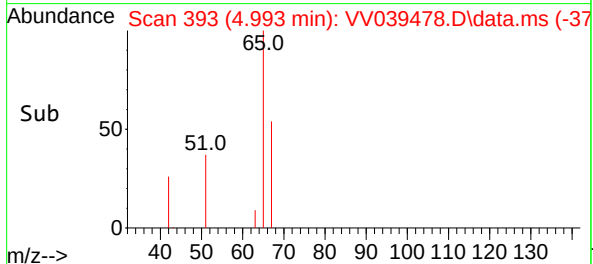
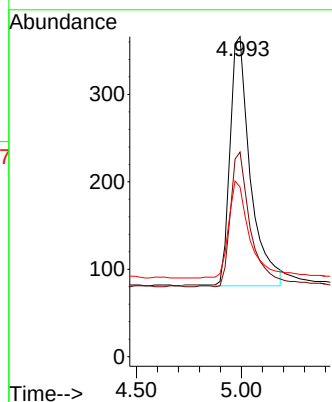
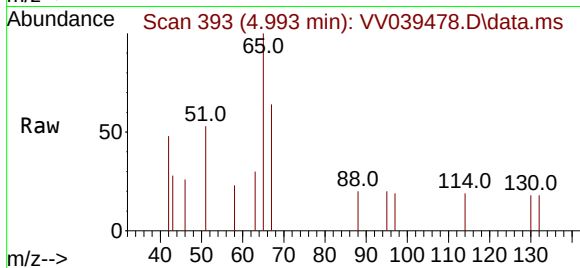




#4
1,2-Dichloroethane-d4
Concen: 0.433 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039478.D
Acq: 05 Dec 2025 14:37

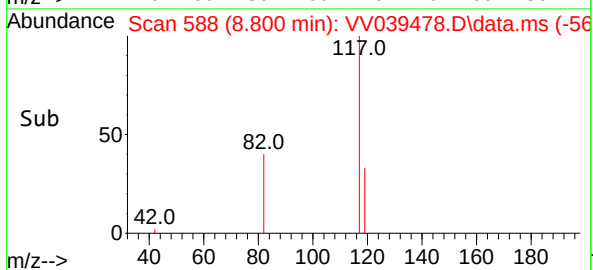
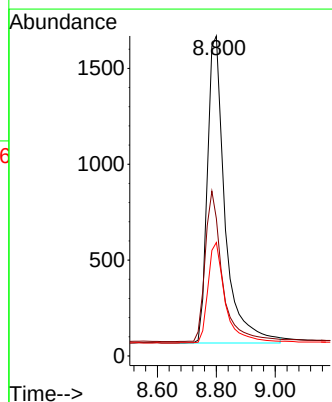
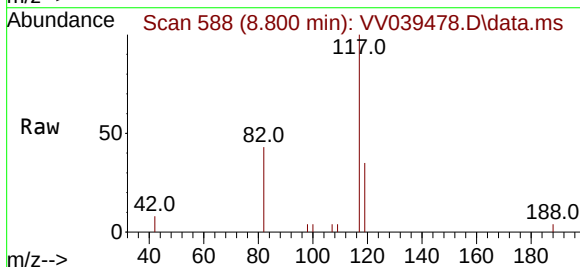
Instrument :
MSVOA_V
ClientSampleId :
TB01-120325

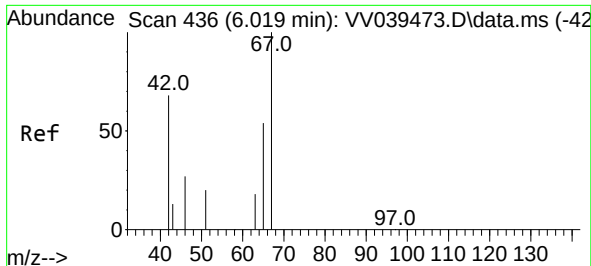
Tgt Ion: 65 Resp: 1923
Ion Ratio Lower Upper
65 100
67 52.9 32.5 60.3
51 39.2 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039478.D
Acq: 05 Dec 2025 14:37

Tgt Ion: 117 Resp: 6644
Ion Ratio Lower Upper
117 100
82 48.0 39.4 59.2
119 32.5 26.2 39.2

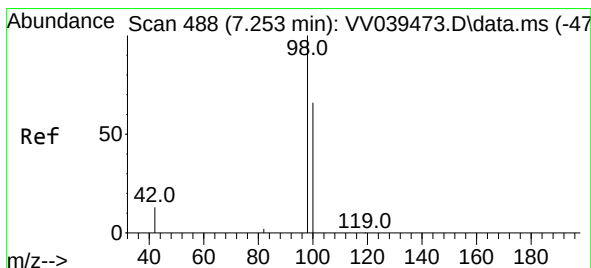
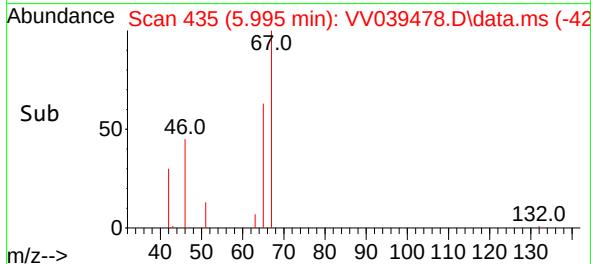
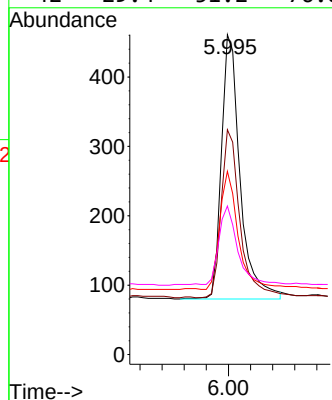
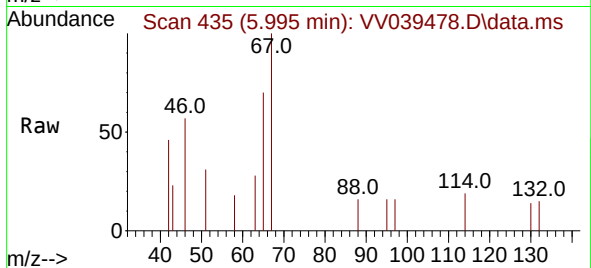




#7
1,2-Dichloropropane-d6
Concen: 0.398 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039478.D
Acq: 05 Dec 2025 14:37

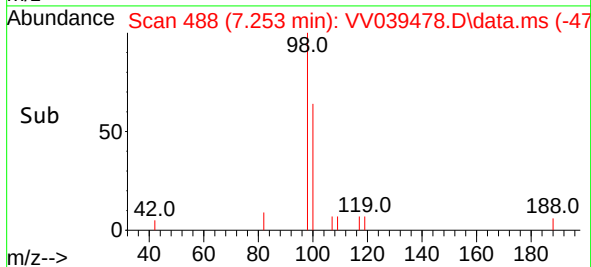
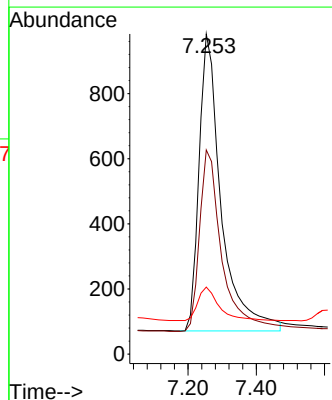
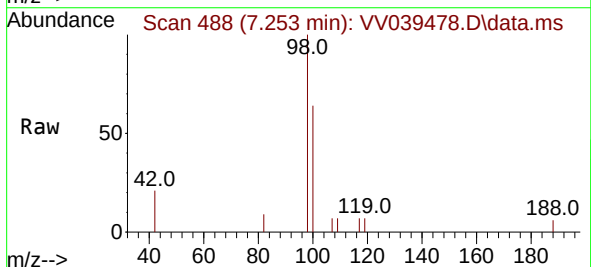
Instrument :
MSVOA_V
ClientSampleId :
TB01-120325

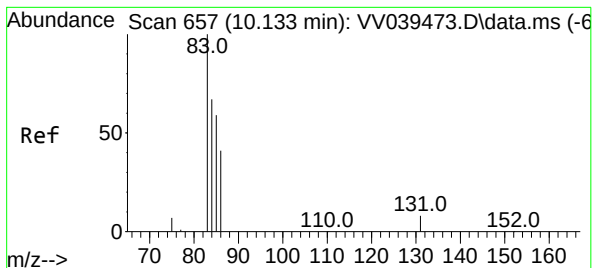
Tgt Ion: 67	Resp: 2233
Ion Ratio	Lower Upper
67 100	
65 63.8	37.9 56.9#
46 43.8	27.4 41.0#
42 29.4	51.2 76.8#



#8
Toluene-d8
Concen: 0.435 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039478.D
Acq: 05 Dec 2025 14:37

Tgt Ion: 98	Resp: 4118		
Ion Ratio	Lower	Upper	
98 100			
100 61.8	44.5	82.7	
42 10.7	10.1	18.7	





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.500 ug/L

RT: 10.133 min Scan# 610

Delta R.T. -0.000 min

Lab File: VV039478.D

Acq: 05 Dec 2025 14:37

Instrument :

MSVOA_V

ClientSampleId :

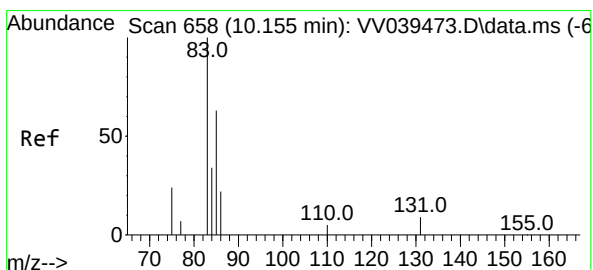
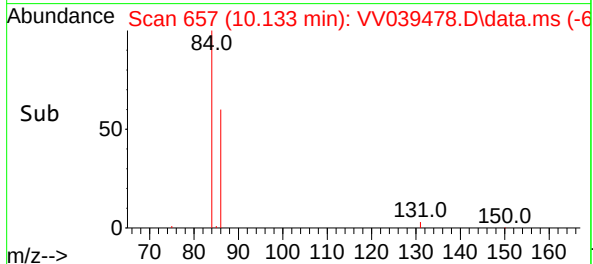
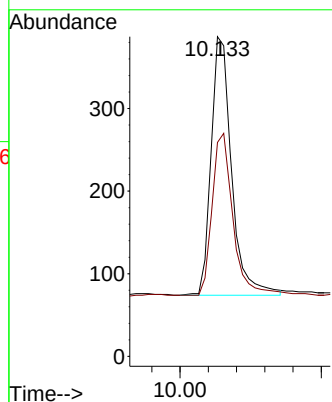
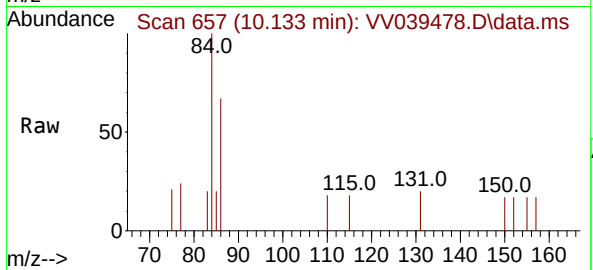
TB01-120325

Tgt Ion: 84 Resp: 1578

Ion Ratio Lower Upper

84 100

86 63.1 44.4 82.5



#11

1,1,2,2-Tetrachloroethane

Concen: 0.043 ug/L

RT: 9.556 min Scan# 631

Delta R.T. -0.599 min

Lab File: VV039478.D

Acq: 05 Dec 2025 14:37

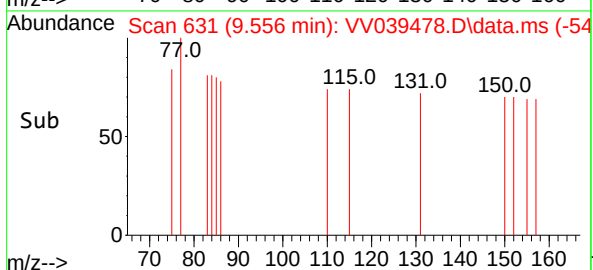
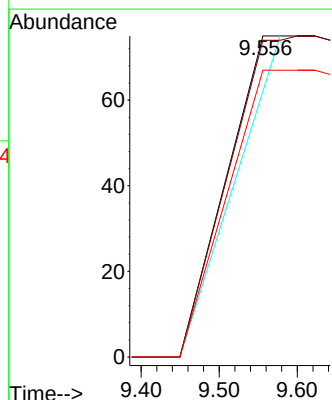
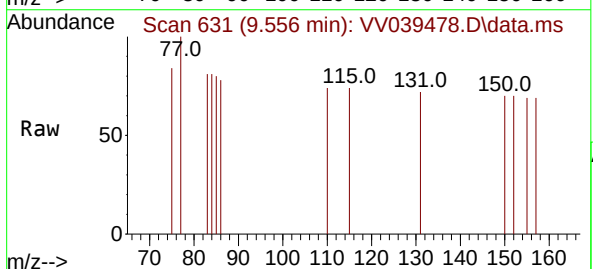
Tgt Ion: 83 Resp: 289

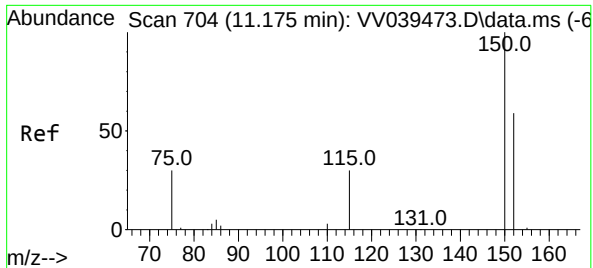
Ion Ratio Lower Upper

83 100

85 270.9 51.0 76.6#

131 308.7 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: VV039478.D
 Acq: 05 Dec 2025 14:37

Instrument :
 MSVOA_V
 ClientSampleId :
 TB01-120325

Tgt Ion:	152	Resp:	3356
Ion	Ratio	Lower	Upper
152	100		
115	55.5	0.0	101.6
150	160.1	0.0	396.2

