

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120325\
 Data File : VV039455.D
 Acq On : 03 Dec 2025 15:24
 Operator : SY/MD
 Sample : Q3743-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TW-1125-2

Quant Time: Dec 04 01:10:17 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	7081	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	7043	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.175	152	3831	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3564	0.501	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	100.000%
4) 1,2-Dichloroethane-d4	4.969	65	2010	0.426	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
7) 1,2-Dichloropropane-d6	5.995	67	2447	0.412	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	82.000%
8) Toluene-d8	7.253	98	4385	0.437	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1731	0.517	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	104.000%

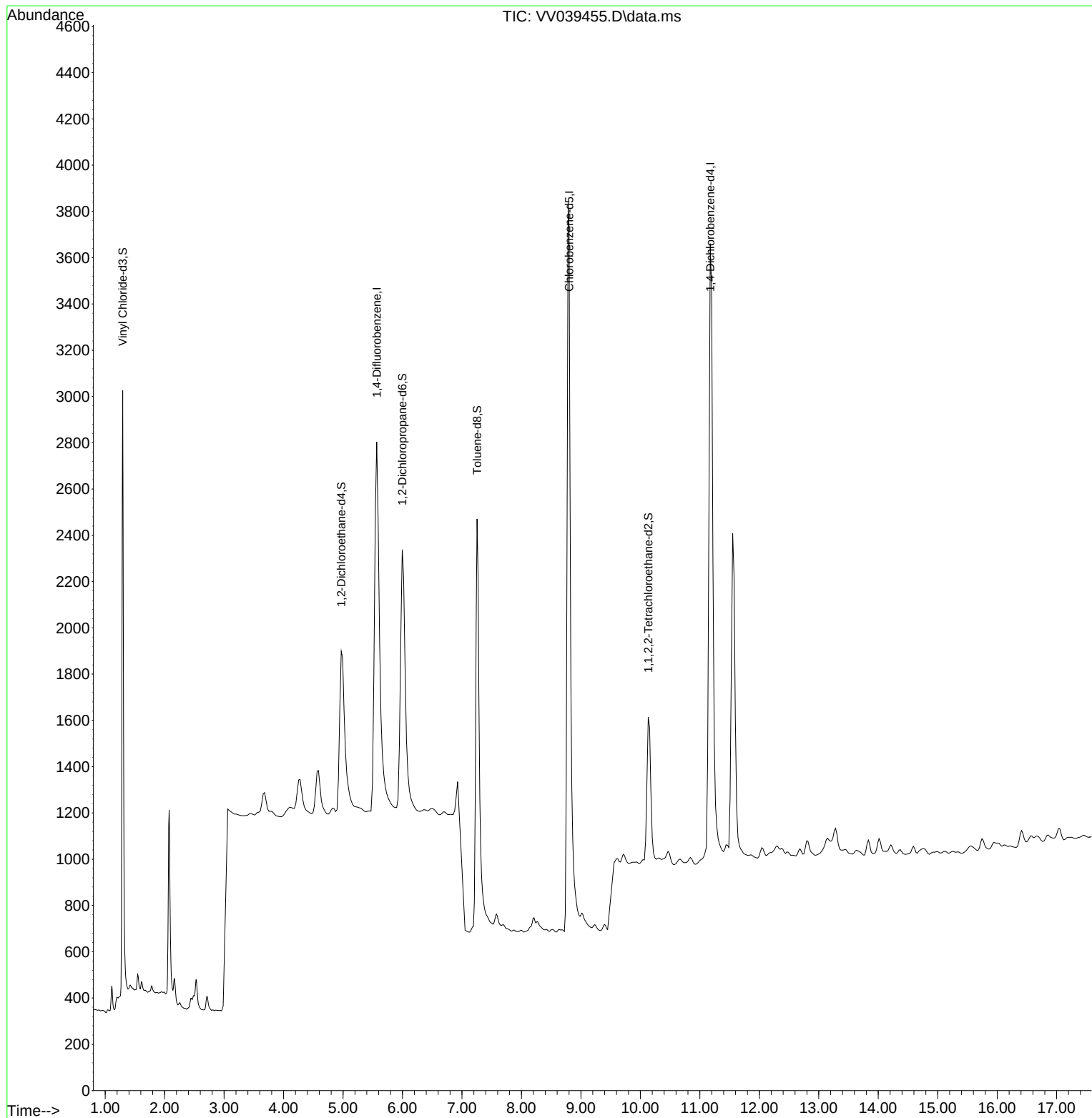
Target Compounds Qvalue

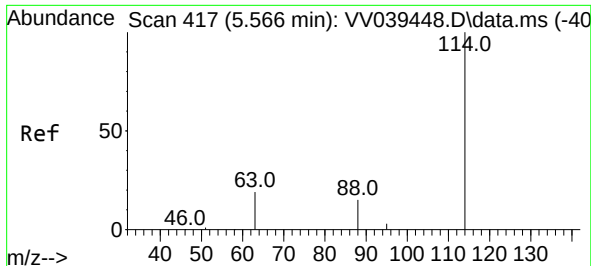
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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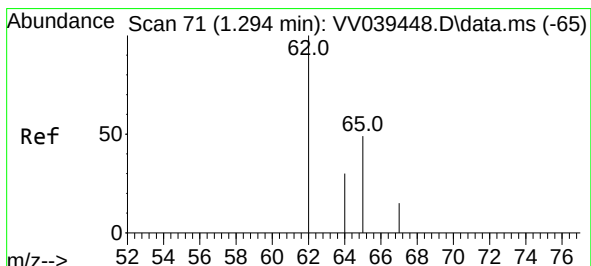
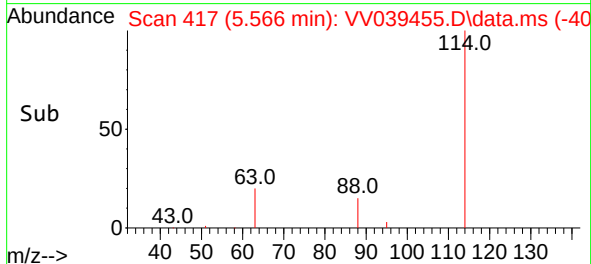
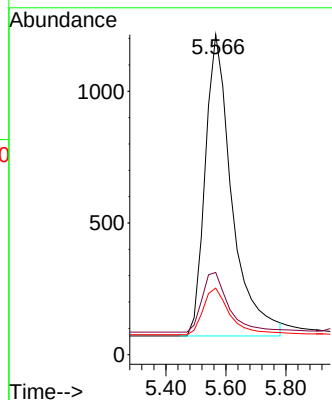
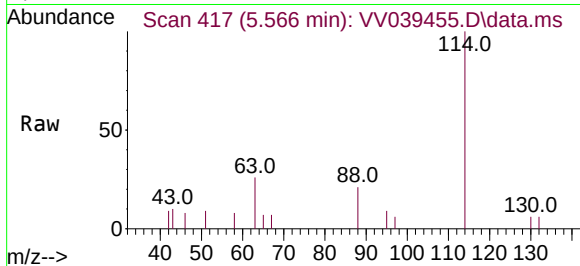




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039455.D
Acq: 03 Dec 2025 15:24

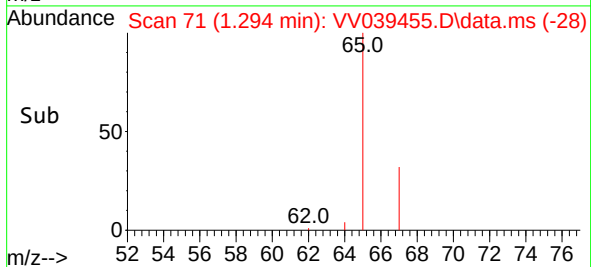
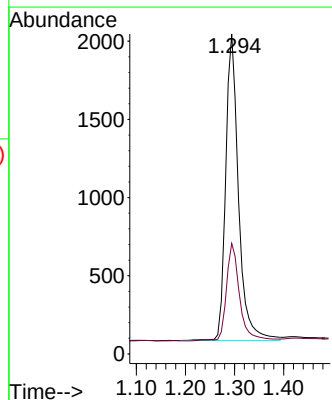
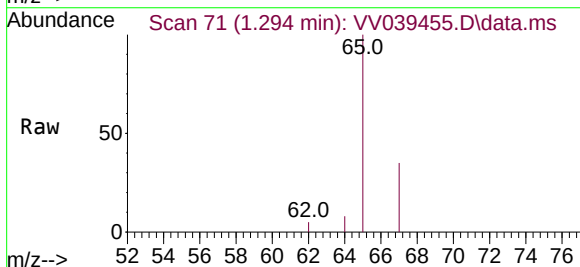
Instrument :
MSVOA_V
ClientSampleId :
TW-1125-2

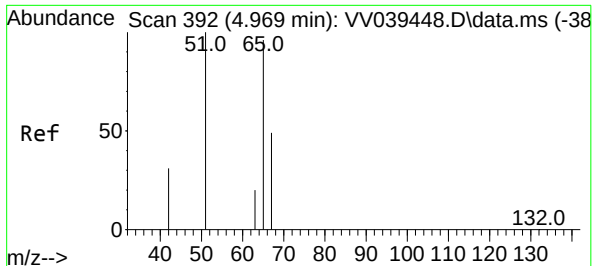
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	15.0	22.4
88	15.4	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.501 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039455.D
Acq: 03 Dec 2025 15:24

Tgt Ion	Ratio	Lower	Upper
65	100		
67	32.7	22.3	41.5

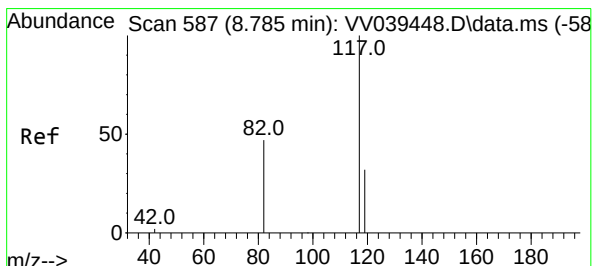
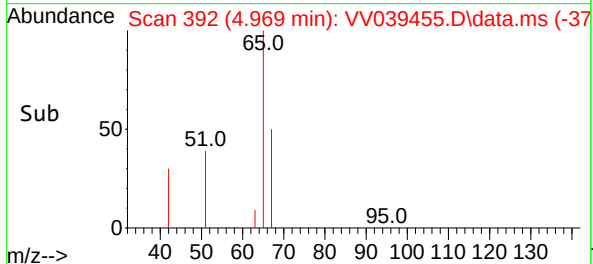
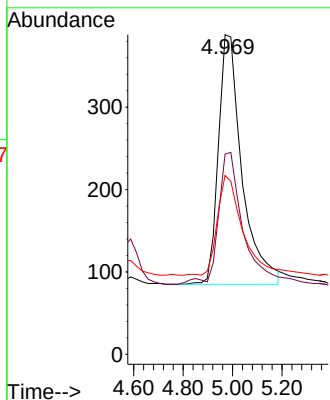
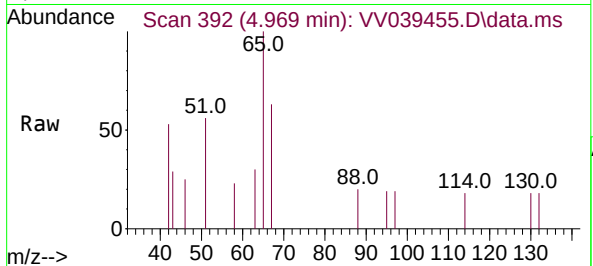




#4
1,2-Dichloroethane-d4
Concen: 0.426 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039455.D
Acq: 03 Dec 2025 15:24

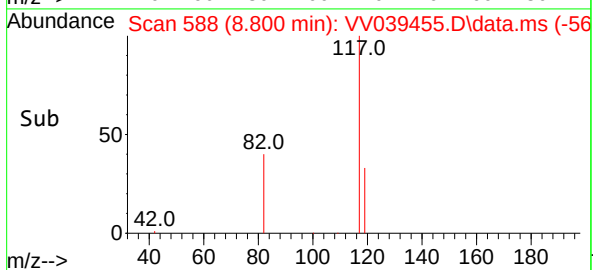
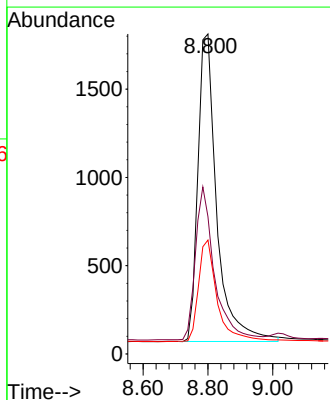
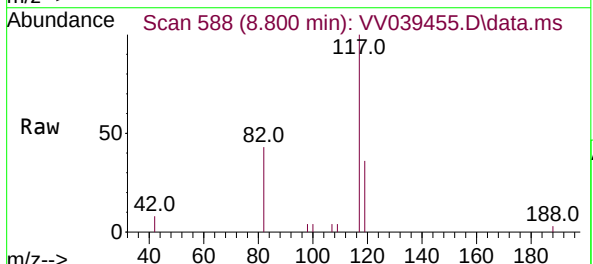
Instrument :
MSVOA_V
ClientSampleId :
TW-1125-2

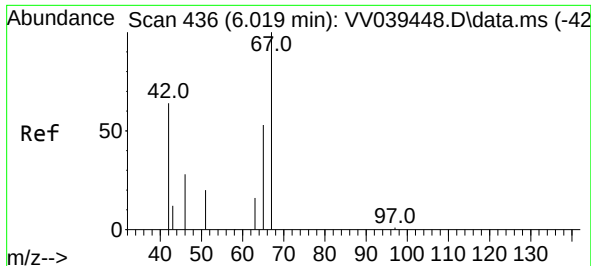
Tgt Ion: 65 Resp: 2010
Ion Ratio Lower Upper
65 100
67 54.3 32.5 60.3
51 42.2 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039455.D
Acq: 03 Dec 2025 15:24

Tgt Ion: 117 Resp: 7043
Ion Ratio Lower Upper
117 100
82 49.9 39.4 59.2
119 32.8 26.2 39.2

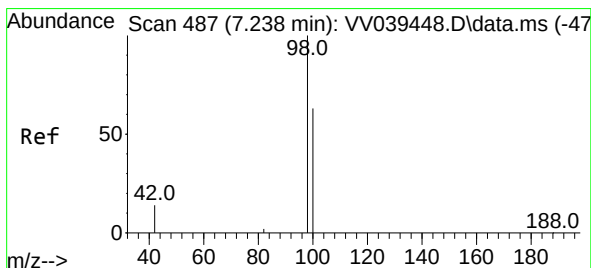
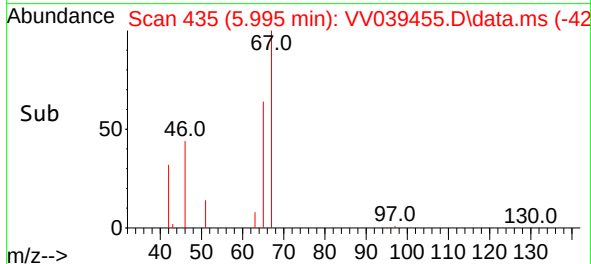
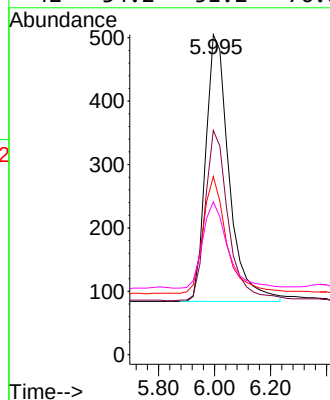
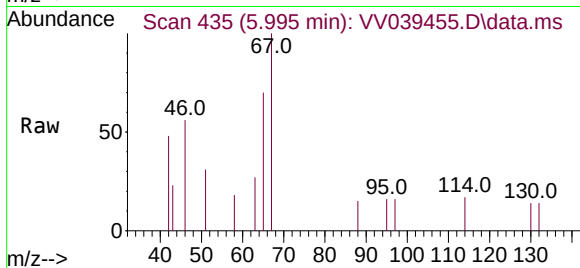




#7
 1,2-Dichloropropane-d6
 Concen: 0.412 ug/L
 RT: 5.995 min Scan# 436
 Delta R.T. -0.024 min
 Lab File: VV039455.D
 Acq: 03 Dec 2025 15:24

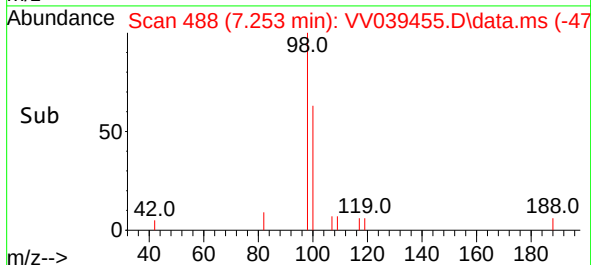
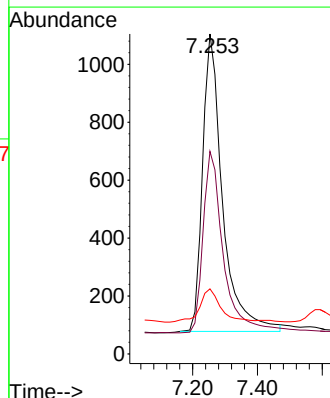
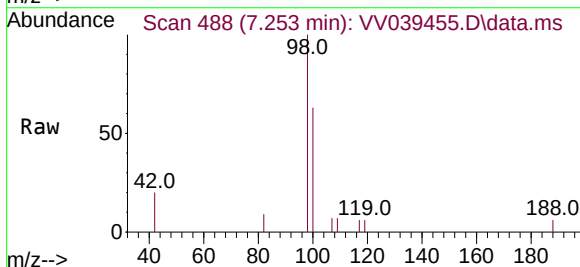
Instrument :
 MSVOA_V
 ClientSampleId :
 TW-1125-2

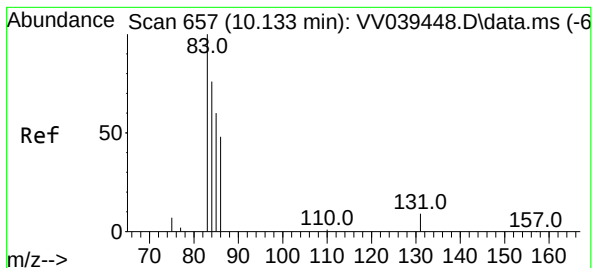
Tgt Ion:	67	Resp:	2447
Ion	Ratio	Lower	Upper
67	100		
65	63.1	37.9	56.9#
46	43.6	27.4	41.0#
42	34.2	51.2	76.8#



#8
 Toluene-d8
 Concen: 0.437 ug/L
 RT: 7.253 min Scan# 488
 Delta R.T. 0.015 min
 Lab File: VV039455.D
 Acq: 03 Dec 2025 15:24

Tgt Ion:	98	Resp:	4385
Ion	Ratio	Lower	Upper
98	100		
100	62.0	44.5	82.7
42	11.7	10.1	18.7

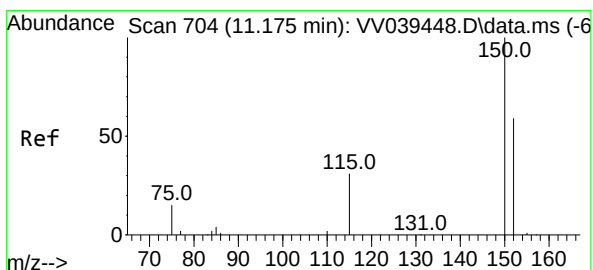
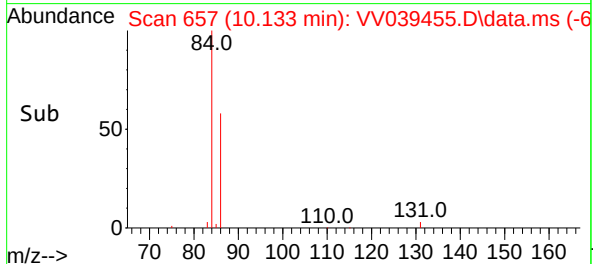
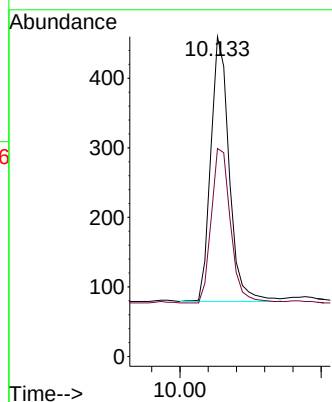
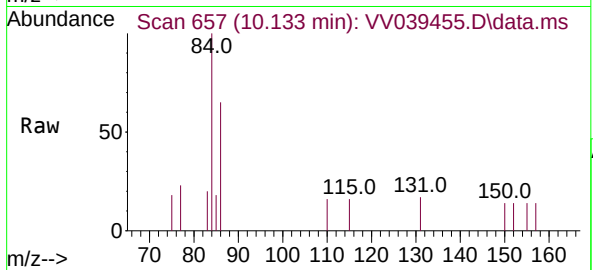




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.517 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039455.D
Acq: 03 Dec 2025 15:24

Instrument :
MSVOA_V
ClientSampleId :
TW-1125-2

Tgt Ion: 84 Resp: 1731
Ion Ratio Lower Upper
84 100
86 60.9 44.4 82.5



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. -0.000 min
Lab File: VV039455.D
Acq: 03 Dec 2025 15:24

Tgt Ion:152 Resp: 3831
Ion Ratio Lower Upper
152 100
115 54.6 0.0 101.6
150 159.9 0.0 396.2

