

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039475.D
 Acq On : 05 Dec 2025 13:16
 Operator : SY/MD
 Sample : Q3757-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-14A-17.5-120325-SIM

Quant Time: Dec 05 22:47:48 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	4334	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	4348	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2268	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	2551	0.585	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	118.000%
4) 1,2-Dichloroethane-d4	4.969	65	1684	0.583	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	116.000%
7) 1,2-Dichloropropane-d6	5.995	67	1608	0.438	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	88.000%
8) Toluene-d8	7.253	98	2739	0.443	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.000%
10) 1,1,2,2-Tetrachloroeth...	10.132	84	1739	0.841	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	168.000%#

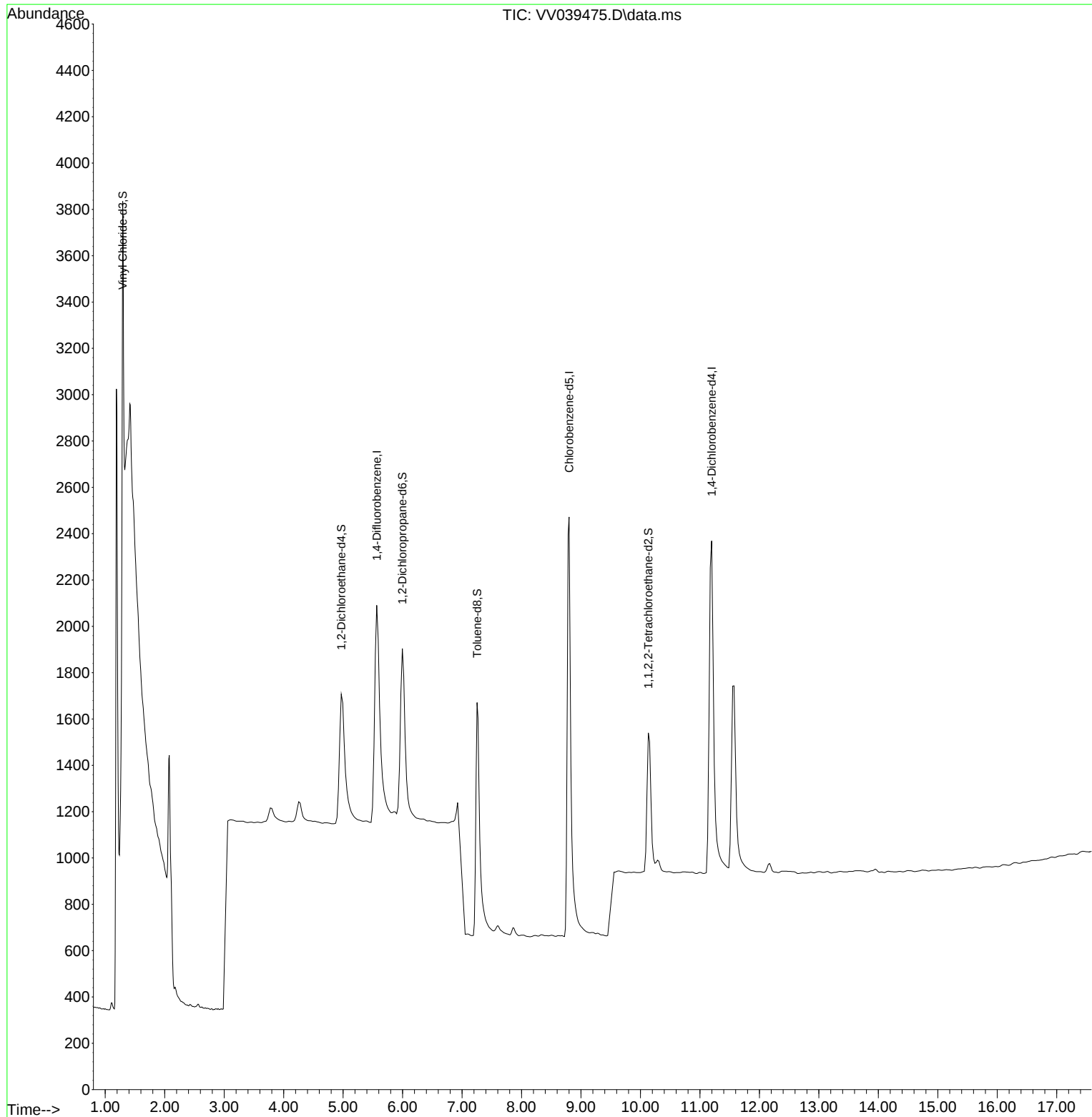
Target Compounds Qvalue

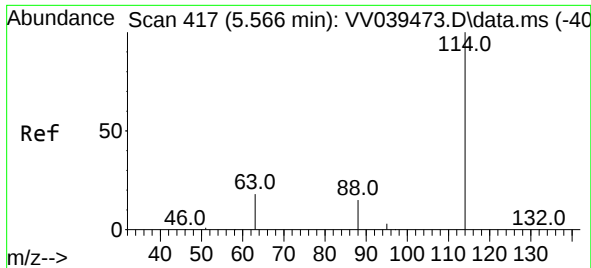
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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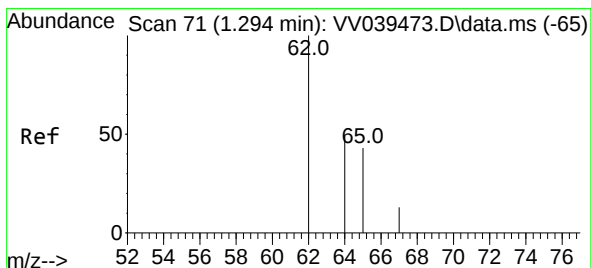
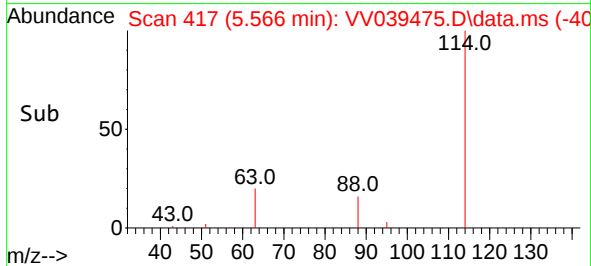
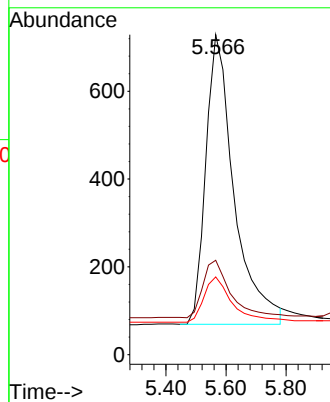
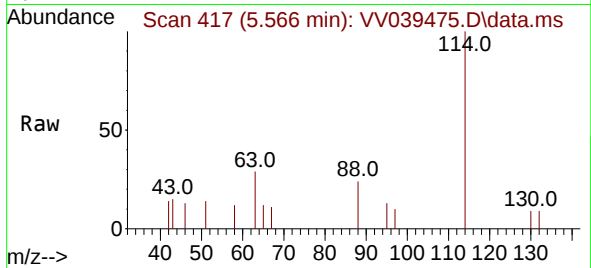




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

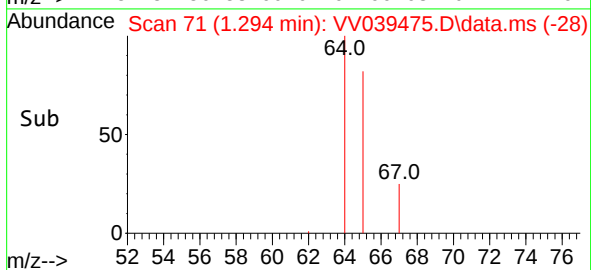
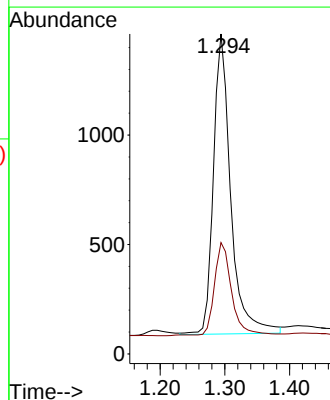
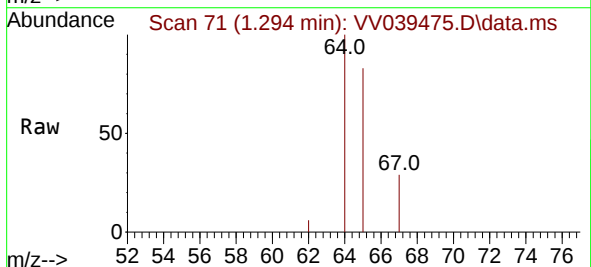
Instrument :
MSVOA_V
ClientSampleId :
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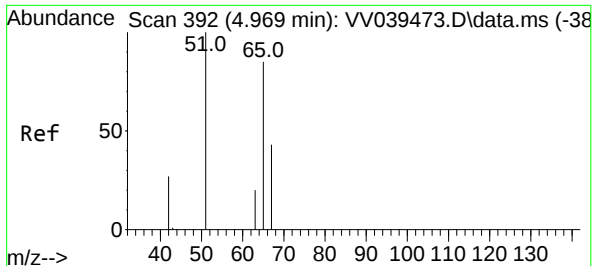
Tgt Ion:	114	Resp:	4334
Ion	Ratio	Lower	Upper
114	100		
63	19.0	15.0	22.4
88	15.6	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.585 ug/L
RT: 1.294 min Scan# 71
Delta R.T. -0.000 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

Tgt Ion:	65	Resp:	2551
Ion	Ratio	Lower	Upper
65	100		
67	29.9	22.3	41.5

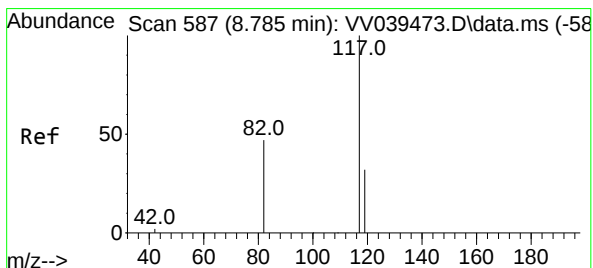
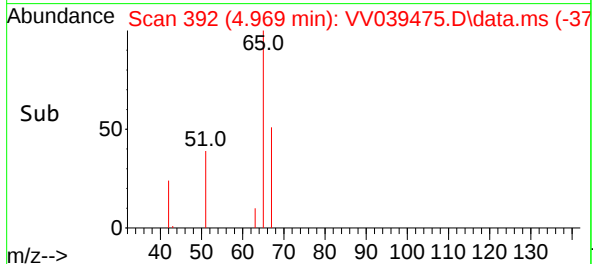
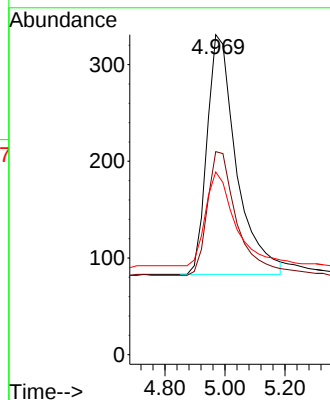
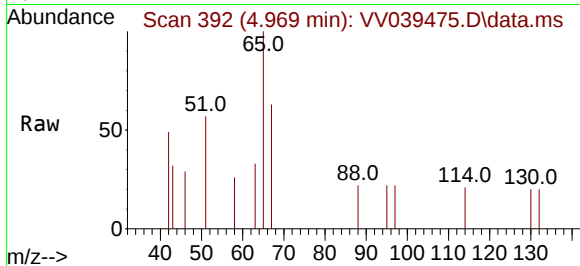




#4
1,2-Dichloroethane-d4
Concen: 0.583 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

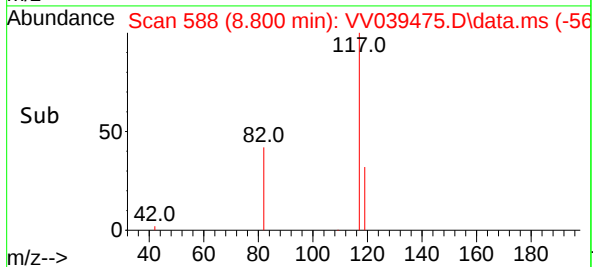
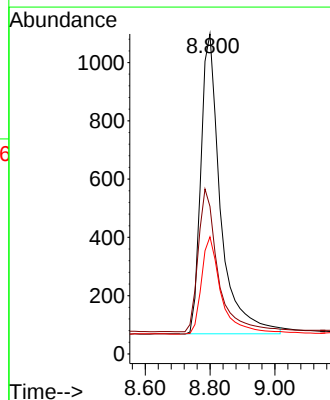
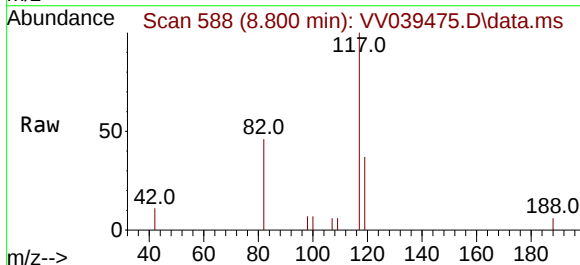
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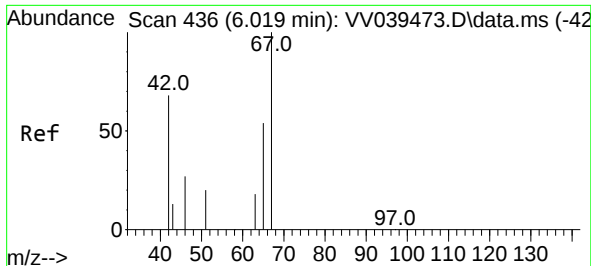
Tgt Ion:	65	Resp:	1684
Ion	Ratio	Lower	Upper
65	100		
67	51.4	32.5	60.3
51	39.5	121.4	225.6



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

Tgt Ion:	117	Resp:	4348
Ion	Ratio	Lower	Upper
117	100		
82	47.9	39.4	59.2
119	32.6	26.2	39.2

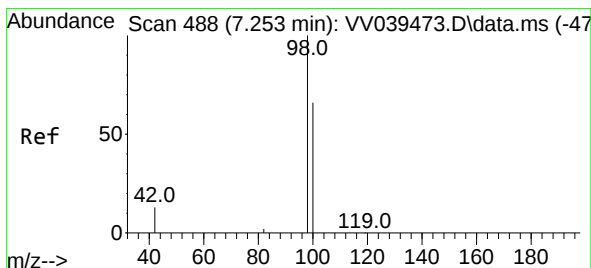
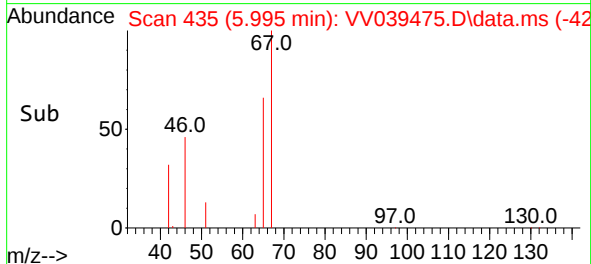
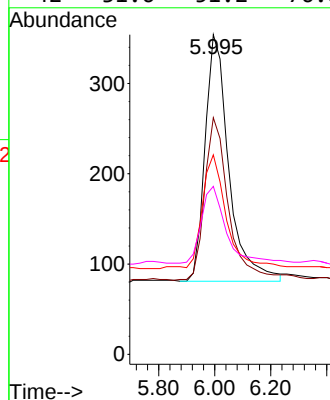
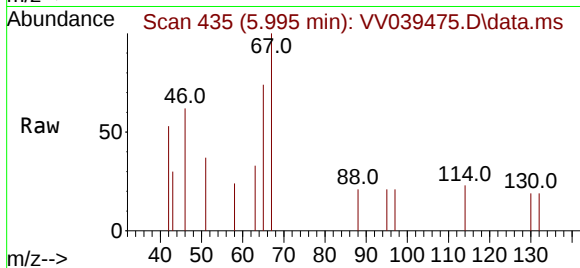




#7
1,2-Dichloropropane-d6
Concen: 0.438 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

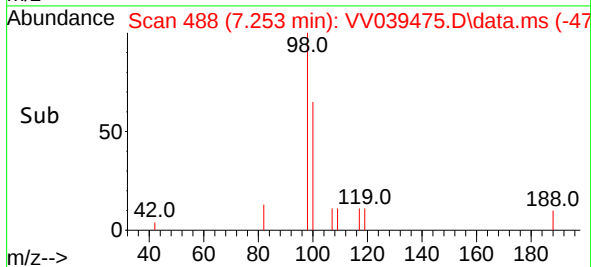
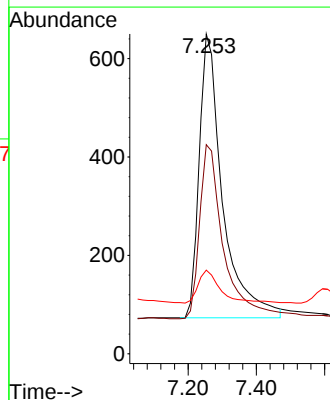
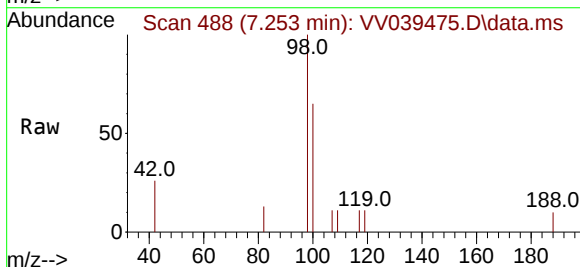
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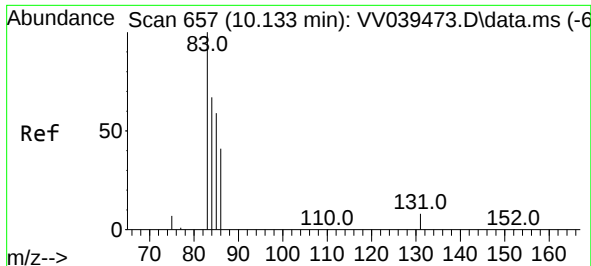
Tgt Ion:	67	Resp:	1608
Ion	Ratio	Lower	Upper
67	100		
65	65.5	37.9	56.9#
46	47.1	27.4	41.0#
42	31.6	51.2	76.8#



#8
Toluene-d8
Concen: 0.443 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

Tgt Ion:	98	Resp:	2739
Ion	Ratio	Lower	Upper
98	100		
100	62.9	44.5	82.7
42	10.4	10.1	18.7

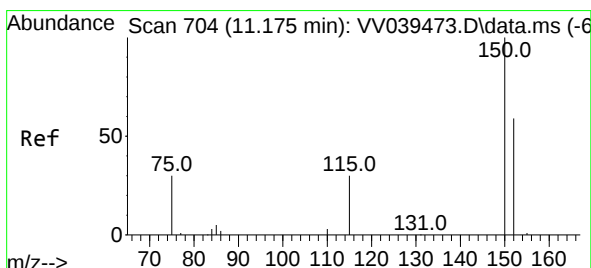
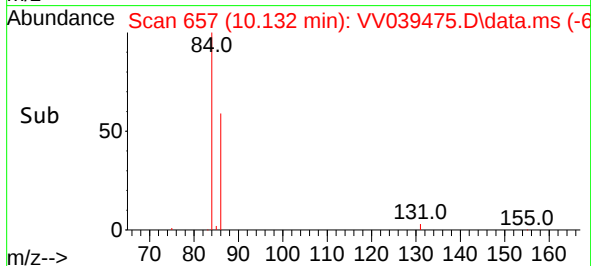
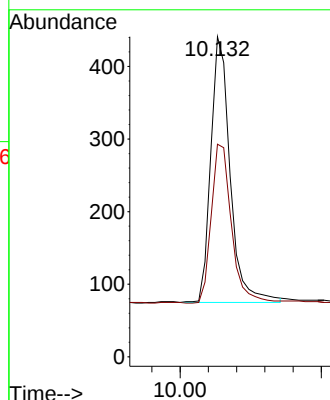
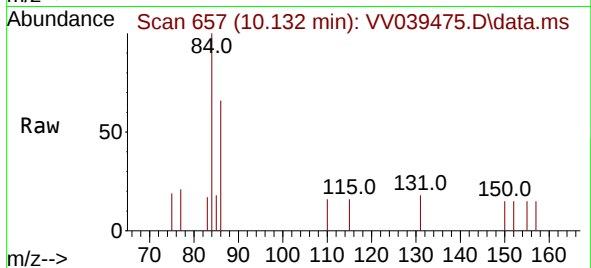




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.841 ug/L
RT: 10.132 min Scan# 61
Delta R.T. -0.001 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

Instrument :
MSVOA_V
ClientSampleId :
MW-14A-17.5-120325-SIM

Tgt Ion: 84 Resp: 1739
Ion Ratio Lower Upper
84 100
86 62.4 44.4 82.5



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039475.D
Acq: 05 Dec 2025 13:16

Tgt Ion:152 Resp: 2268
Ion Ratio Lower Upper
152 100
115 57.1 0.0 101.6
150 159.0 0.0 396.2

