

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120325\
 Data File : VV039453.D
 Acq On : 03 Dec 2025 14:42
 Operator : SY/MD
 Sample : Q3743-05
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TB

Quant Time: Dec 04 01:09:57 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	7286	0.500 ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6696	0.500 ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.198	152	3485	0.500 ug/L	0.02

System Monitoring Compounds					
2) Vinyl Chloride-d3	1.295	65	3855	0.526 ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 106.000%
4) 1,2-Dichloroethane-d4	4.970	65	2139	0.441 ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 88.000%
7) 1,2-Dichloropropane-d6	5.996	67	2398	0.424 ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	= 84.000%
8) Toluene-d8	7.254	98	4556	0.478 ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	= 96.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1691	0.531 ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 106.000%

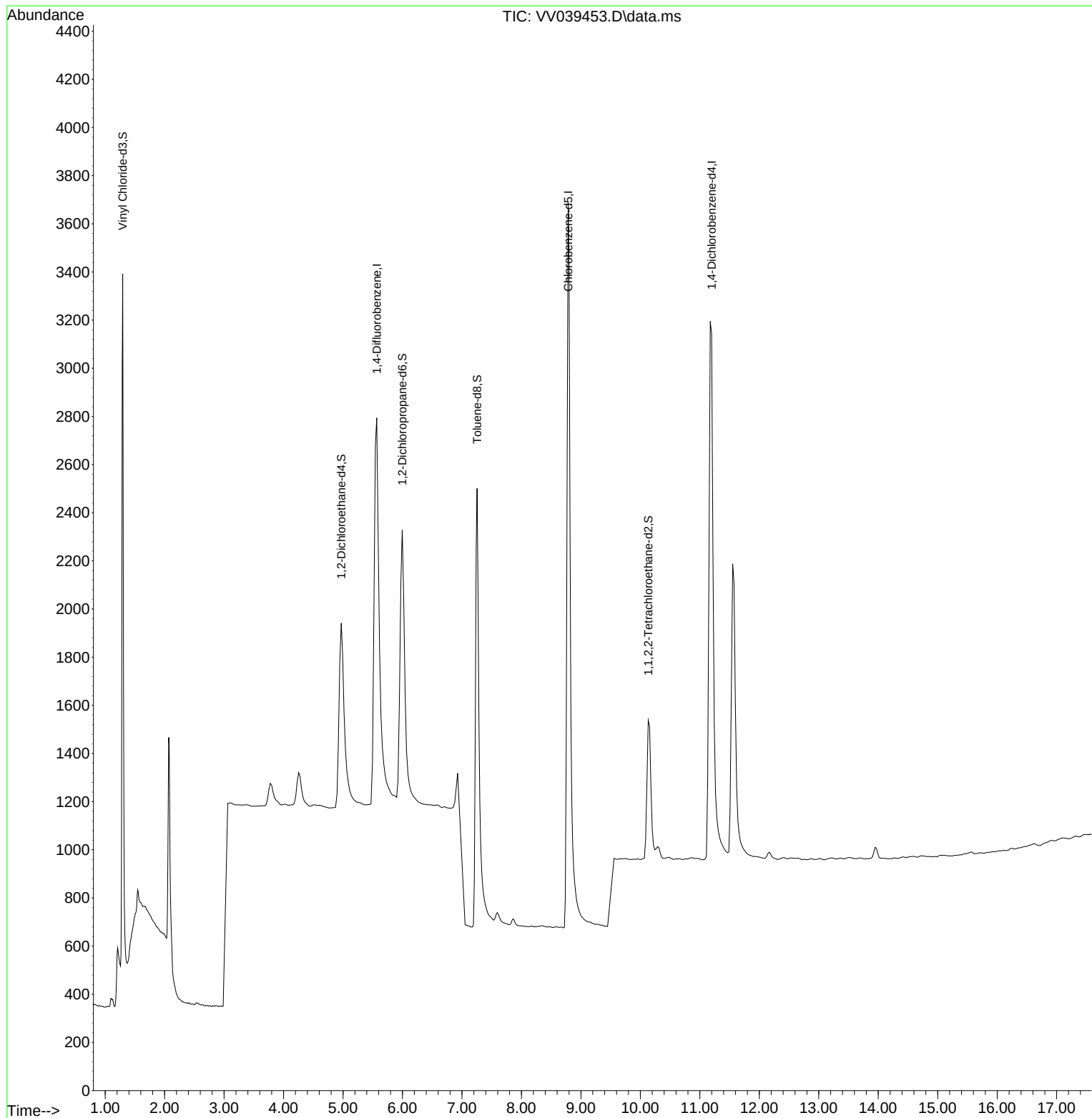
Target Compounds	Qvalue

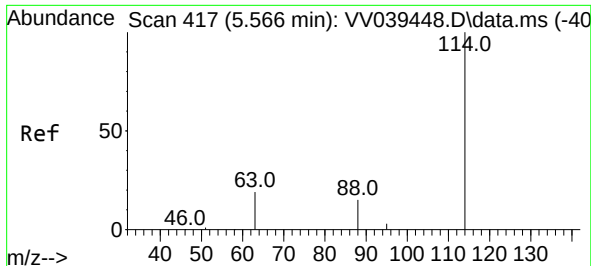
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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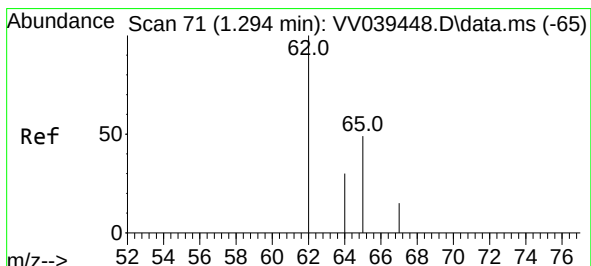
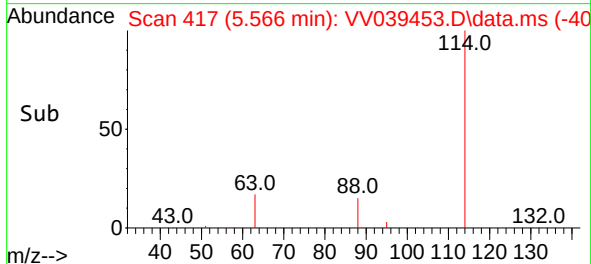
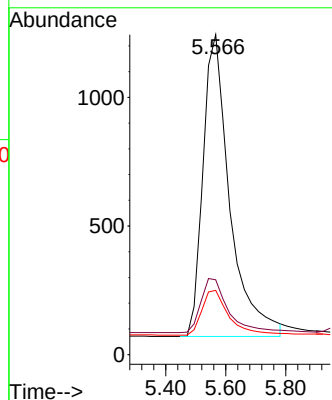
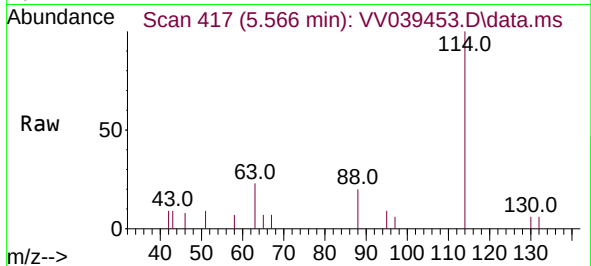




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039453.D
 Acq: 03 Dec 2025 14:42

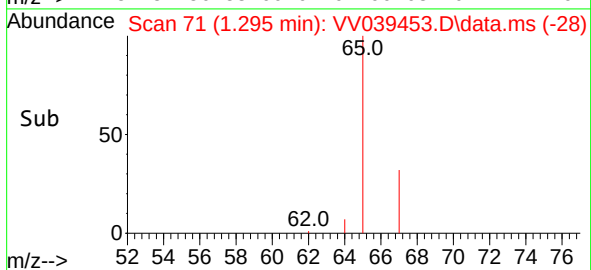
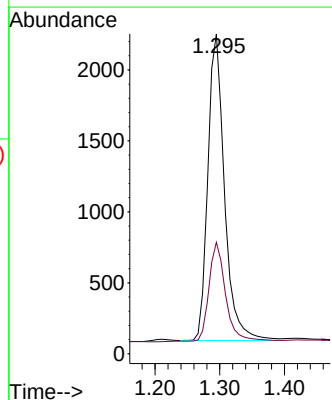
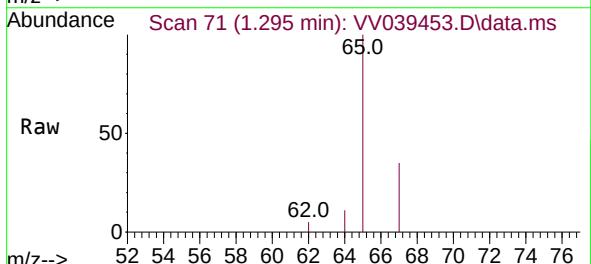
Instrument :
 MSVOA_V
 ClientSampleId :
 TB

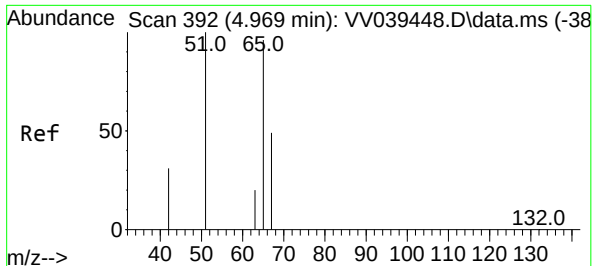
Tgt Ion:	114	Resp:	7286
Ion	Ratio	Lower	Upper
114	100		
63	18.1	15.0	22.4
88	14.9	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.526 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039453.D
 Acq: 03 Dec 2025 14:42

Tgt Ion:	65	Resp:	3855
Ion	Ratio	Lower	Upper
65	100		
67	33.1	22.3	41.5

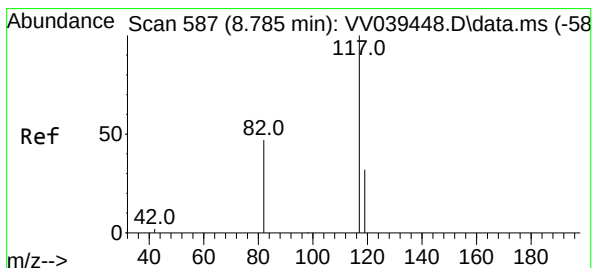
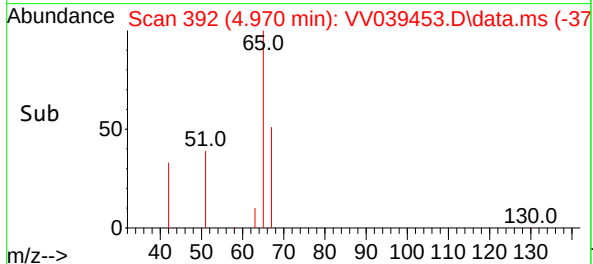
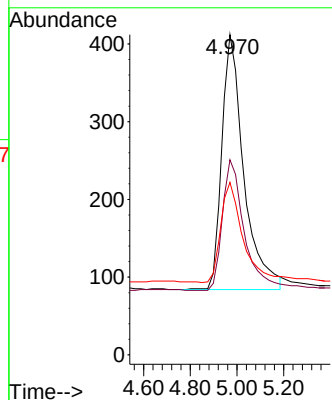
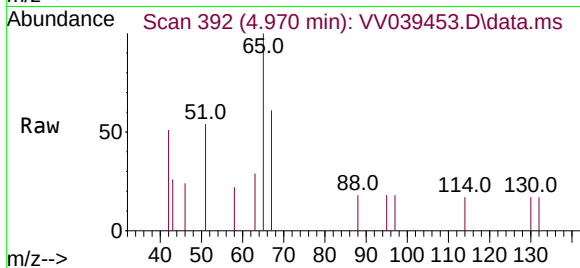




#4
1,2-Dichloroethane-d4
Concen: 0.441 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039453.D
Acq: 03 Dec 2025 14:42

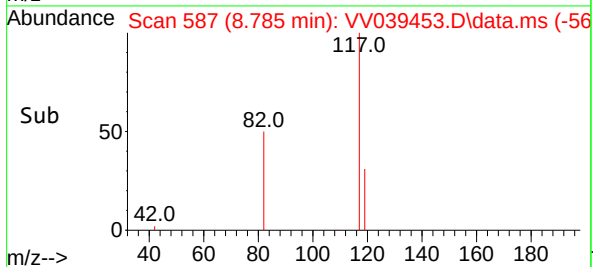
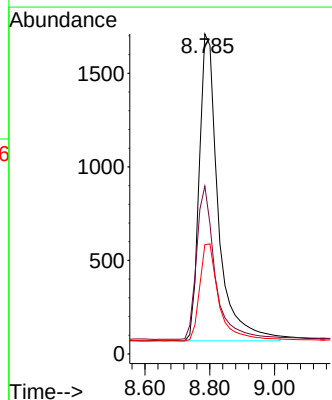
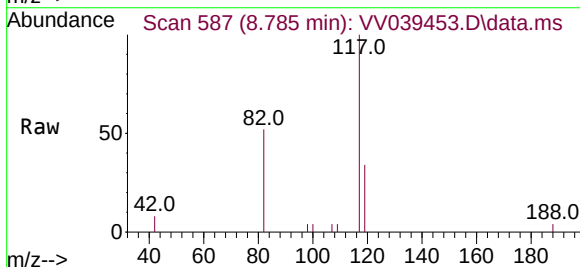
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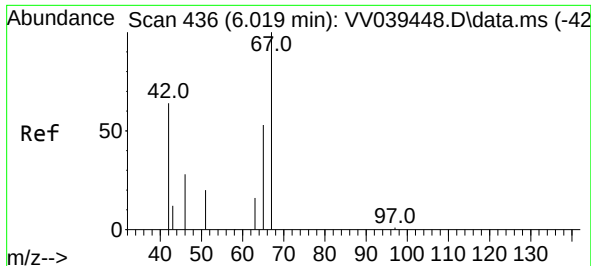
Tgt Ion: 65 Resp: 2139
Ion Ratio Lower Upper
65 100
67 50.9 32.5 60.3
51 39.3 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039453.D
Acq: 03 Dec 2025 14:42

Tgt Ion: 117 Resp: 6696
Ion Ratio Lower Upper
117 100
82 49.0 39.4 59.2
119 32.2 26.2 39.2

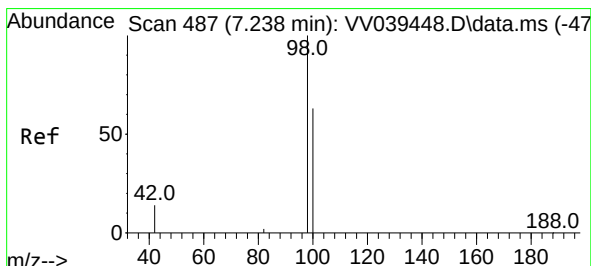
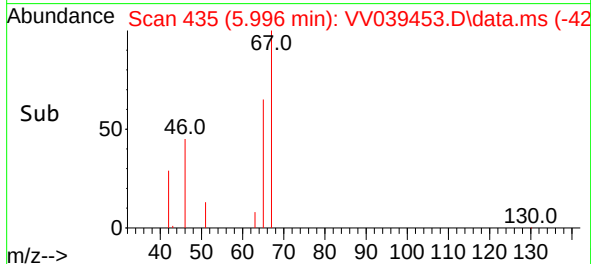
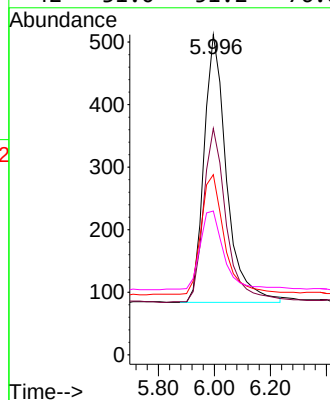
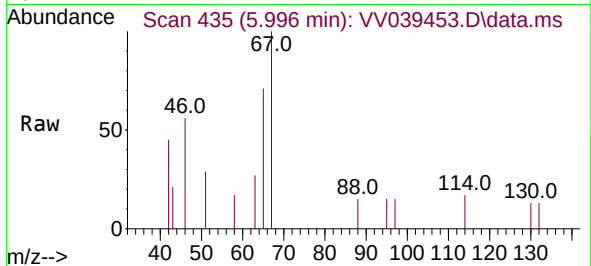




#7
1,2-Dichloropropane-d6
Concen: 0.424 ug/L
RT: 5.996 min Scan# 436
Delta R.T. -0.023 min
Lab File: VV039453.D
Acq: 03 Dec 2025 14:42

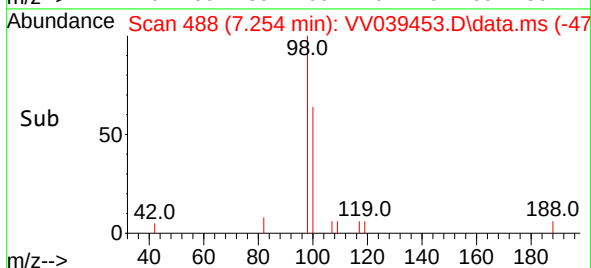
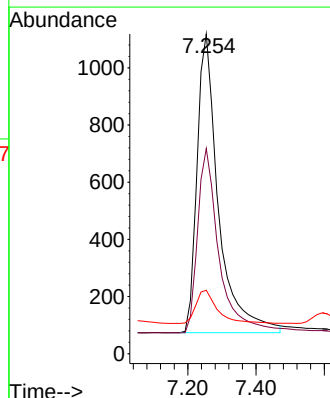
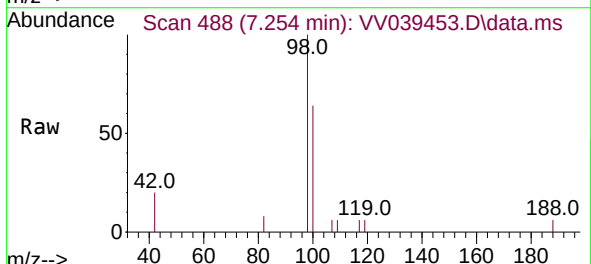
Instrument :
MSVOA_V
ClientSampleId :
TB

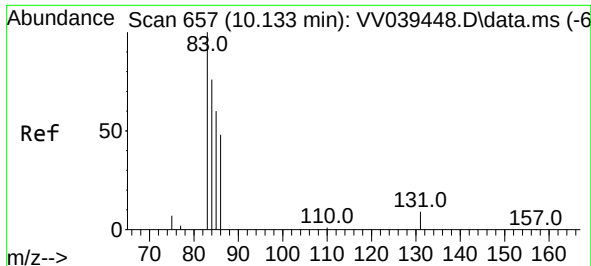
Tgt Ion:	67	Resp:	2398
Ion	Ratio	Lower	Upper
67	100		
65	66.1	37.9	56.9#
46	46.0	27.4	41.0#
42	31.0	51.2	76.8#



#8
Toluene-d8
Concen: 0.478 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039453.D
Acq: 03 Dec 2025 14:42

Tgt Ion:	98	Resp:	4556
Ion	Ratio	Lower	Upper
98	100		
100	61.7	44.5	82.7
42	11.1	10.1	18.7

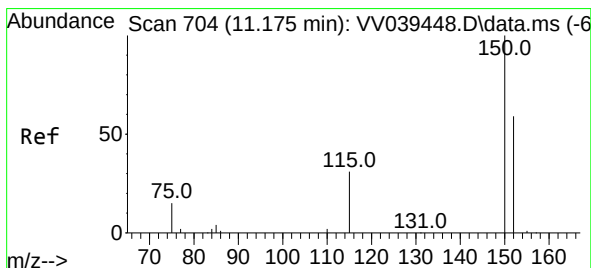
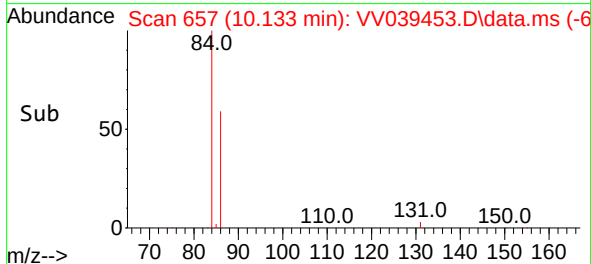
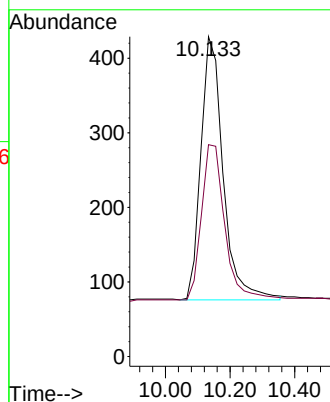
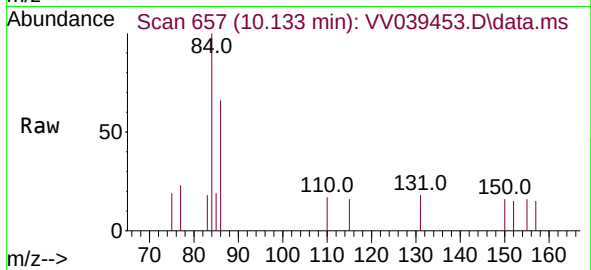




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.531 ug/L
RT: 10.133 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV039453.D
Acq: 03 Dec 2025 14:42

Instrument :
MSVOA_V
ClientSampleId :
TB

Tgt Ion: 84 Resp: 1691
Ion Ratio Lower Upper
84 100
86 63.3 44.4 82.5



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.198 min Scan# 705
Delta R.T. 0.023 min
Lab File: VV039453.D
Acq: 03 Dec 2025 14:42

Tgt Ion:152 Resp: 3485
Ion Ratio Lower Upper
152 100
115 54.0 0.0 101.6
150 159.1 0.0 396.2

