

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039482.D
 Acq On : 05 Dec 2025 16:08
 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 05 22:49:47 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)

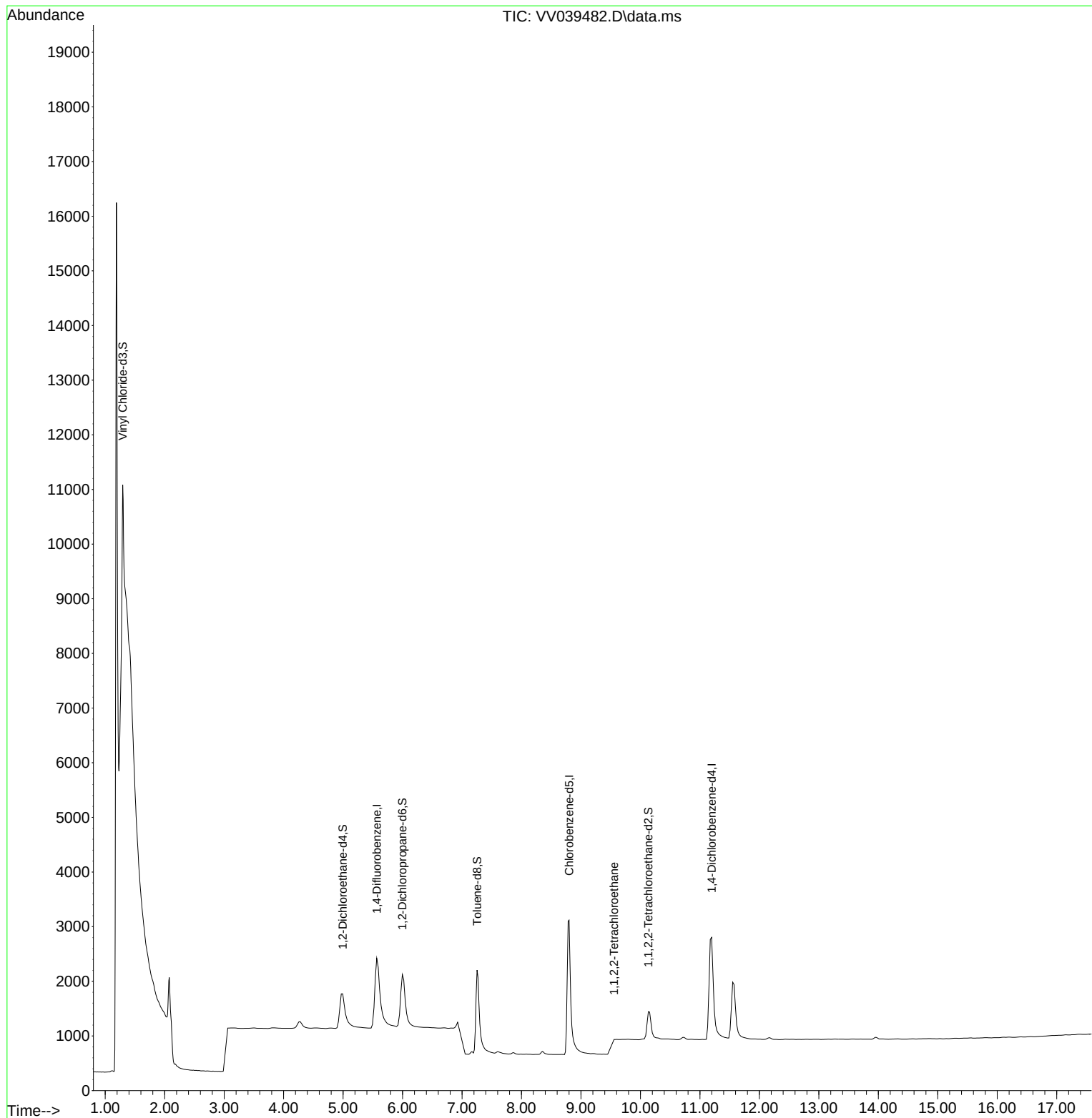
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5790	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.801	117	5820	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	2998	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	4105	0.705	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	142.000%#
4) 1,2-Dichloroethane-d4	4.994	65	1874	0.486	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
7) 1,2-Dichloropropane-d6	5.996	67	2146	0.437	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	88.000%
8) Toluene-d8	7.254	98	4011	0.484	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1552	0.561	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	112.000%
Target Compounds						
11) 1,1,2,2-Tetrachloroethane	9.556	83	289	0.050	ug/L	Qvalue # 1

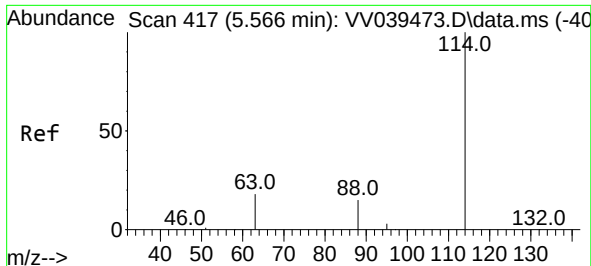
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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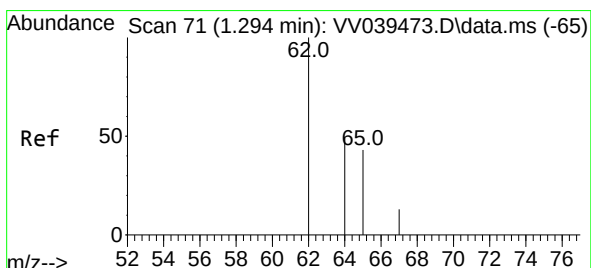
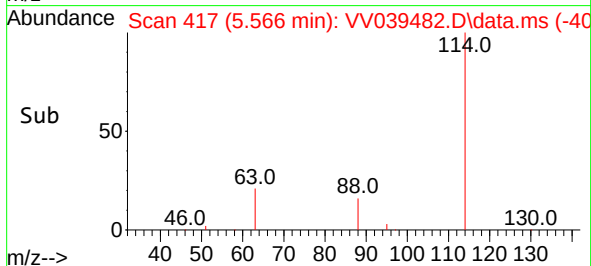
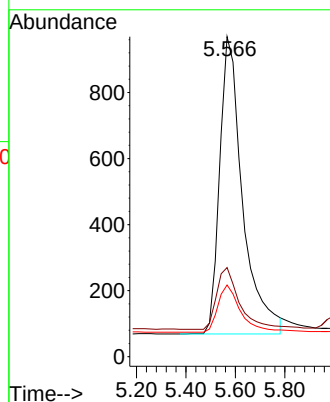
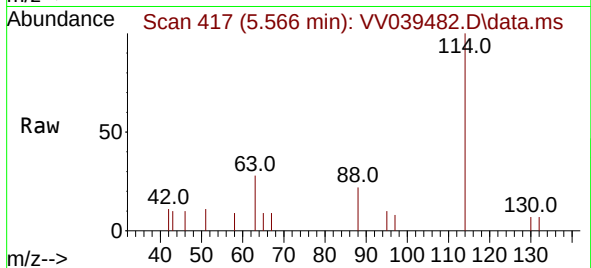




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039482.D
 Acq: 05 Dec 2025 16:08

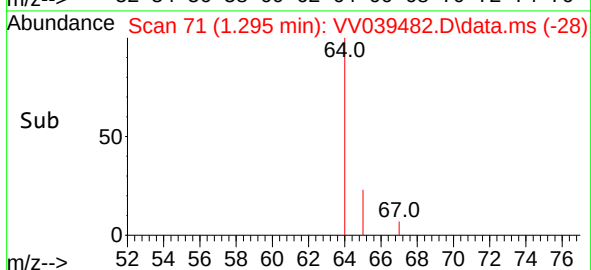
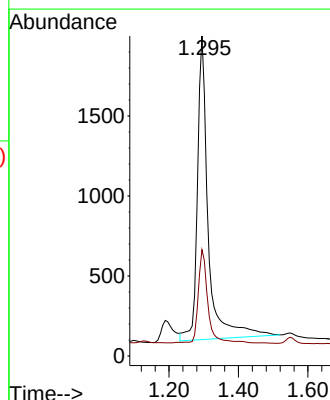
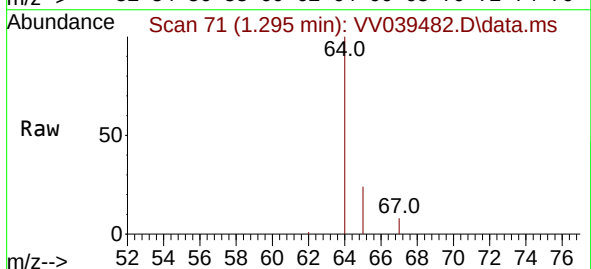
Instrument :
 MSVOA_V
 ClientSampleId :
 TB

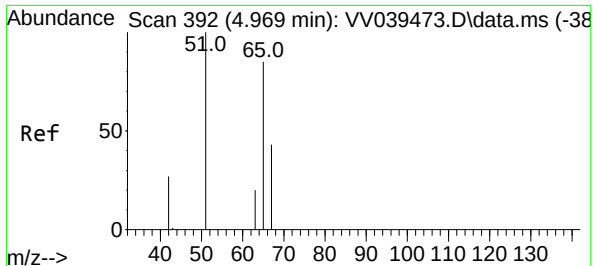
Tgt Ion:	114	Resp:	5790
Ion	Ratio	Lower	Upper
114	100		
63	20.6	15.0	22.4
88	15.4	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.705 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039482.D
 Acq: 05 Dec 2025 16:08

Tgt Ion:	65	Resp:	4105
Ion	Ratio	Lower	Upper
65	100		
67	26.8	22.3	41.5

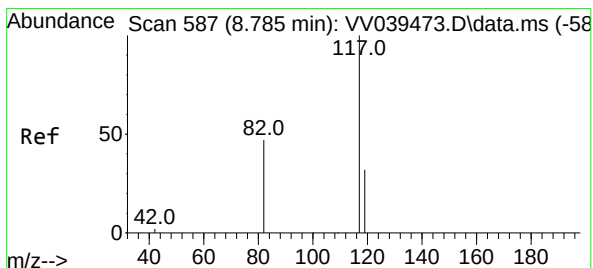
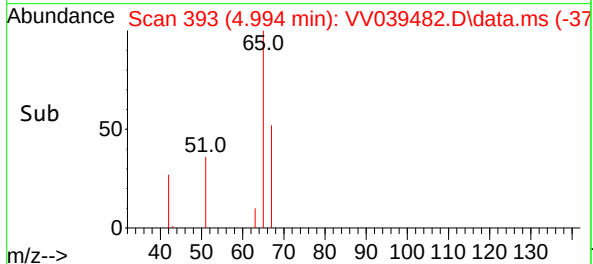
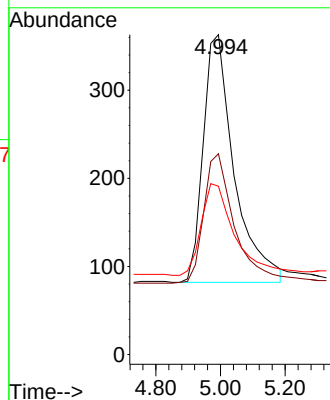
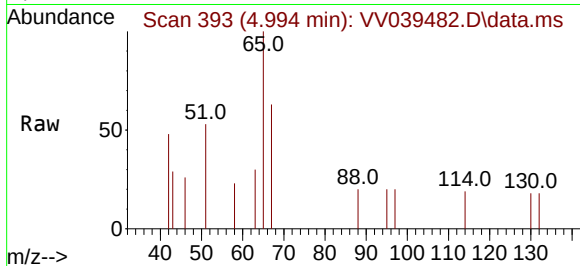




#4
1,2-Dichloroethane-d4
Concen: 0.486 ug/L
RT: 4.994 min Scan# 392
Delta R.T. 0.025 min
Lab File: VV039482.D
Acq: 05 Dec 2025 16:08

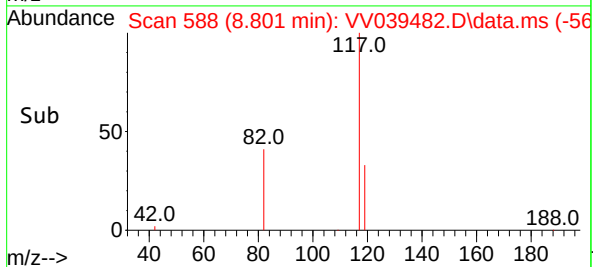
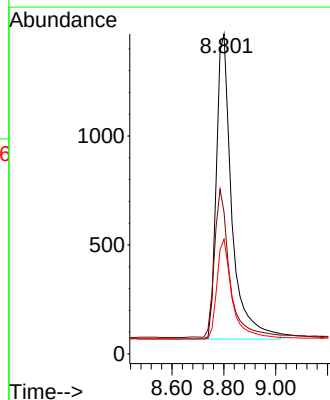
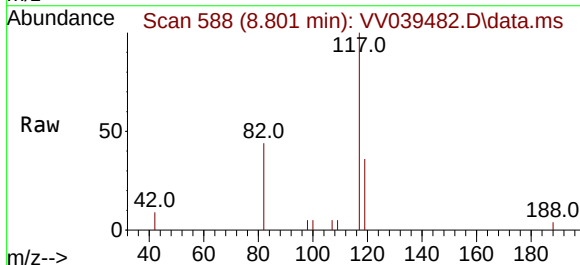
Instrument :
MSVOA_V
ClientSampleId :
TB

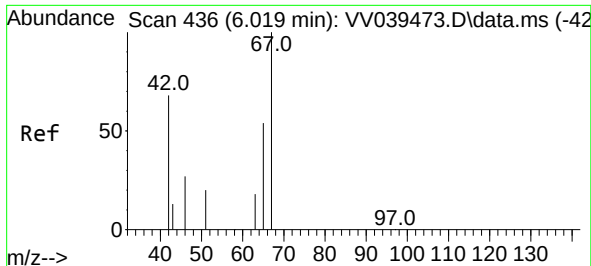
Tgt Ion: 65 Resp: 1874
Ion Ratio Lower Upper
65 100
67 51.5 32.5 60.3
51 39.6 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.801 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039482.D
Acq: 05 Dec 2025 16:08

Tgt Ion: 117 Resp: 5820
Ion Ratio Lower Upper
117 100
82 47.4 39.4 59.2
119 32.3 26.2 39.2

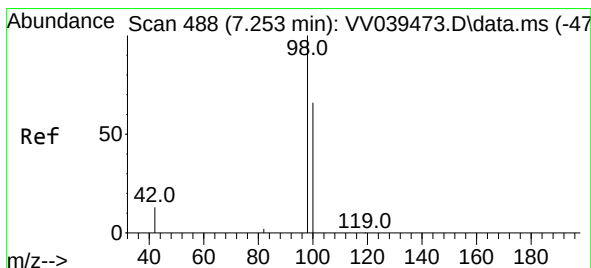
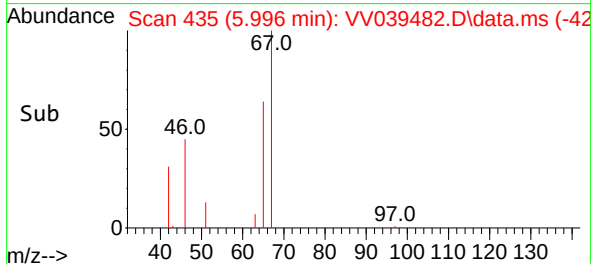
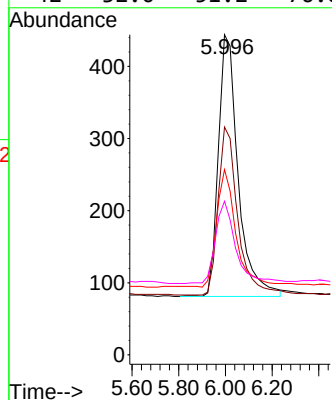
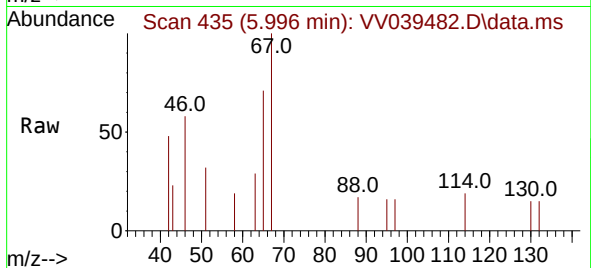




#7
1,2-Dichloropropane-d6
Concen: 0.437 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039482.D
Acq: 05 Dec 2025 16:08

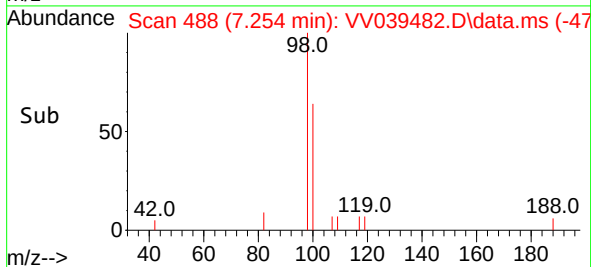
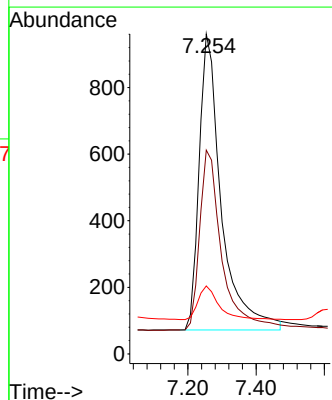
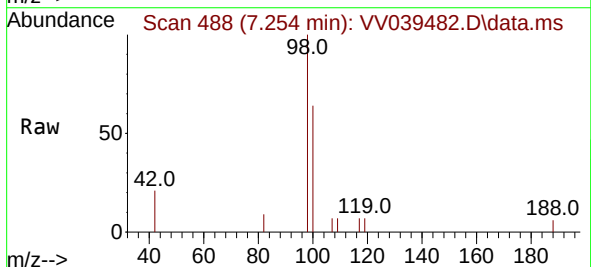
Instrument :
MSVOA_V
ClientSampleId :
TB

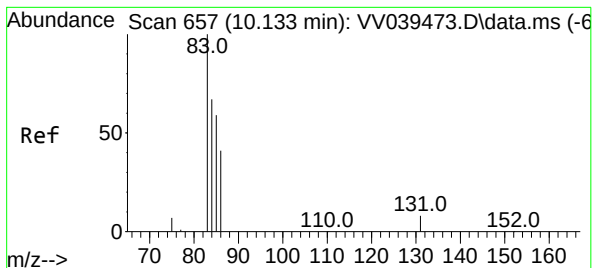
Tgt Ion:	67	Resp:	2146
Ion	Ratio	Lower	Upper
67	100		
65	63.4	37.9	56.9#
46	43.0	27.4	41.0#
42	32.0	51.2	76.8#



#8
Toluene-d8
Concen: 0.484 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039482.D
Acq: 05 Dec 2025 16:08

Tgt Ion:	98	Resp:	4011
Ion	Ratio	Lower	Upper
98	100		
100	60.7	44.5	82.7
42	10.6	10.1	18.7

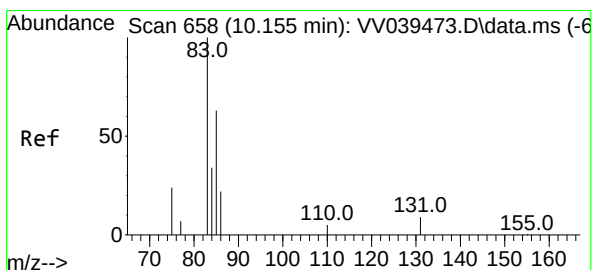
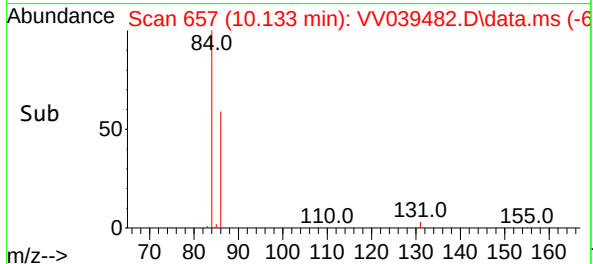
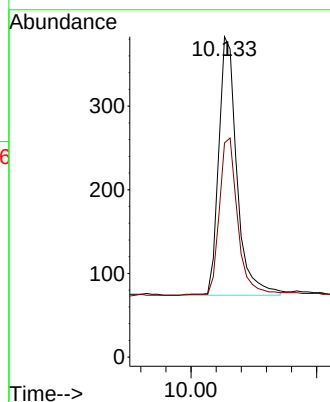
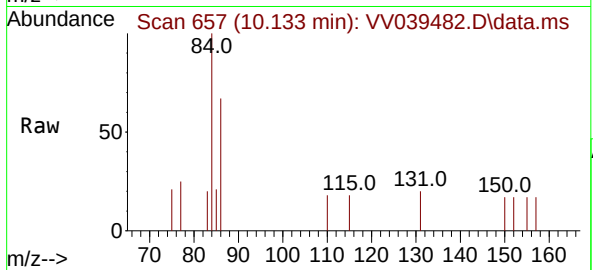




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.561 ug/L
RT: 10.133 min Scan# 610
Delta R.T. 0.000 min
Lab File: VV039482.D
Acq: 05 Dec 2025 16:08

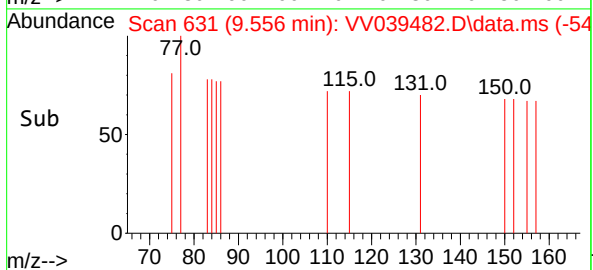
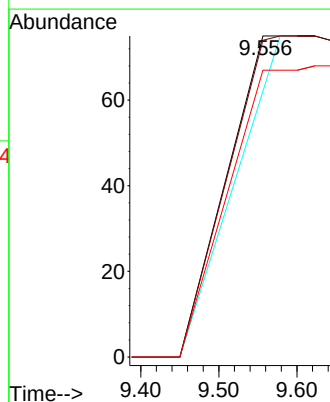
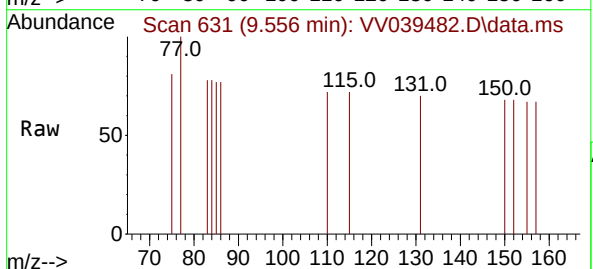
Instrument :
MSVOA_V
ClientSampleId :
TB

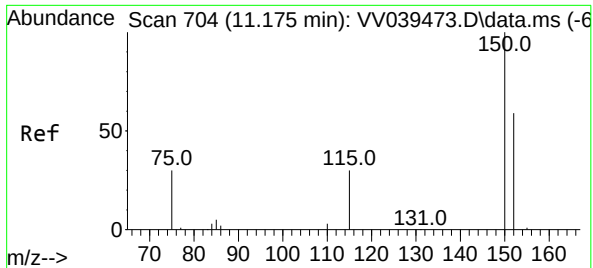
Tgt Ion: 84 Resp: 1552
Ion Ratio Lower Upper
84 100
86 60.1 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.050 ug/L
RT: 9.556 min Scan# 631
Delta R.T. -0.598 min
Lab File: VV039482.D
Acq: 05 Dec 2025 16:08

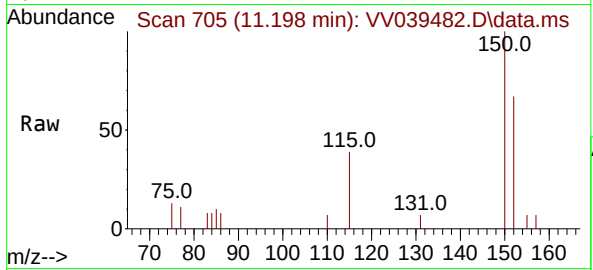
Tgt Ion: 83 Resp: 289
Ion Ratio Lower Upper
83 100
85 116.3 51.0 76.6#
131 344.3 8.6 12.8#





#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.198 min Scan# 705
Delta R.T. 0.023 min
Lab File: VV039482.D
Acq: 05 Dec 2025 16:08

Instrument :
MSVOA_V
ClientSampleId :
TB



Tgt Ion:	152	Resp:	2998
Ion	Ratio	Lower	Upper
152	100		
115	55.5	0.0	101.6
150	157.3	0.0	396.2

