

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
 Data File : VV039491.D
 Acq On : 08 Dec 2025 14:38
 Operator : SY/MD
 Sample : Q3788-13
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TB01-120525

Quant Time: Dec 09 01:27:38 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)

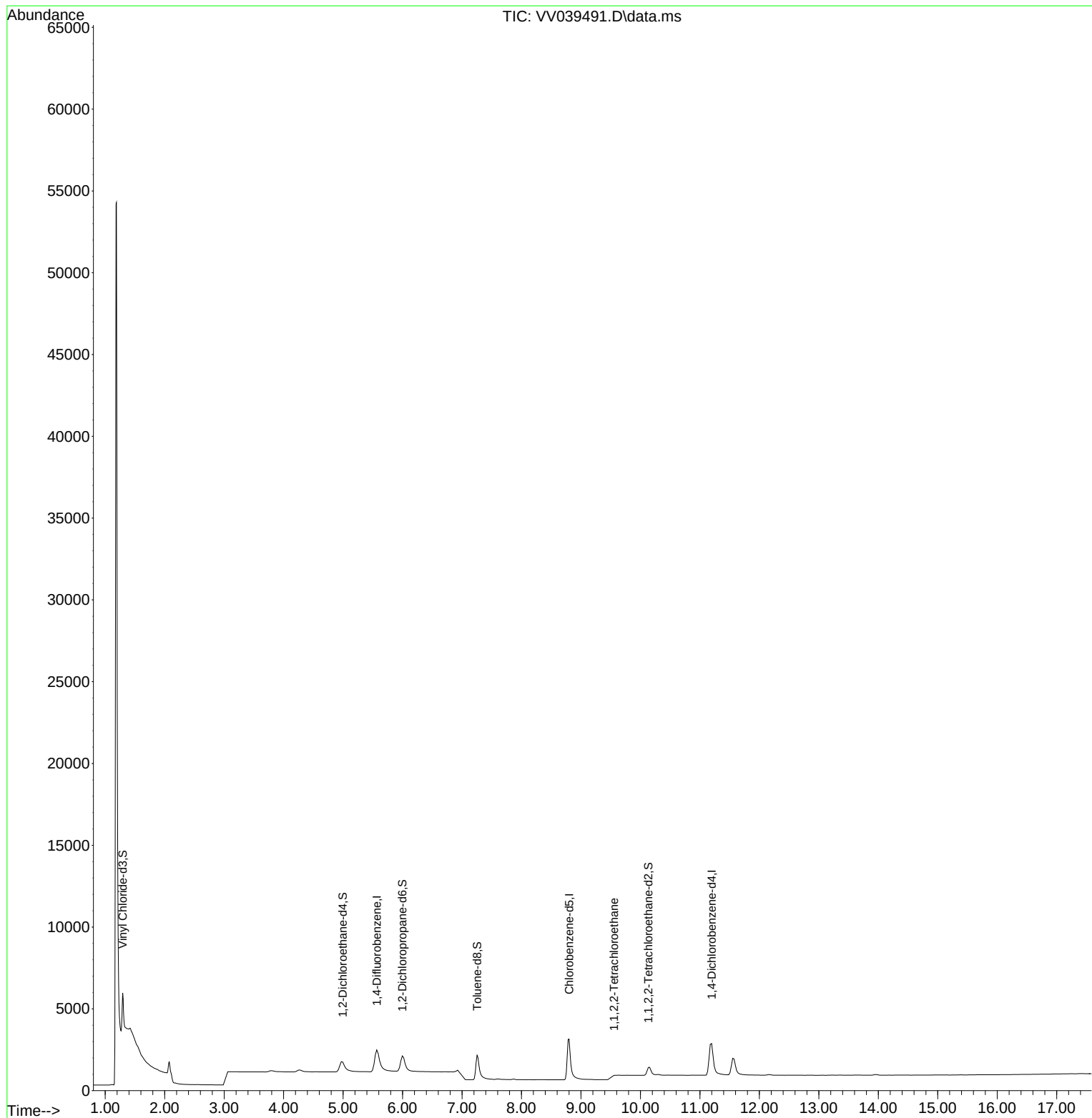
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5977	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5887	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3057	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3512	0.584	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	116.000%
4) 1,2-Dichloroethane-d4	4.993	65	1837	0.462	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	5.995	67	2107	0.424	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.253	98	3892	0.464	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1474	0.527	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	106.000%
Target Compounds						
11) 1,1,2,2-Tetrachloroethane	9.556	83	386	0.065	ug/L	Qvalue # 1

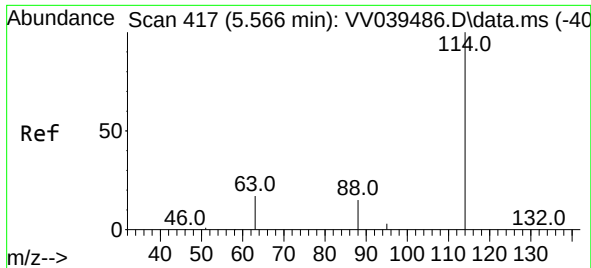
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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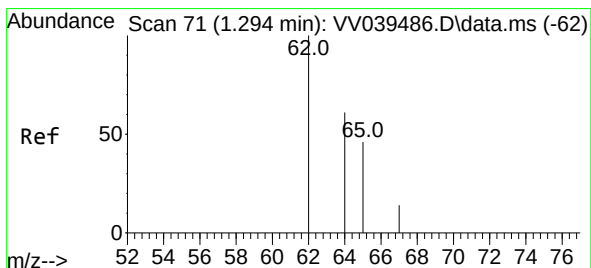
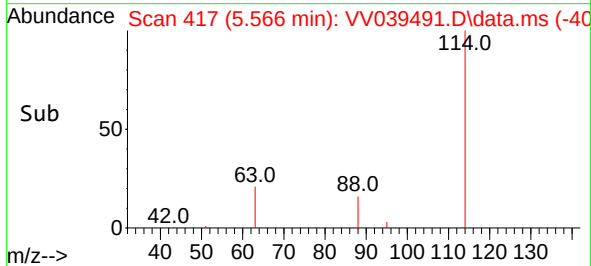
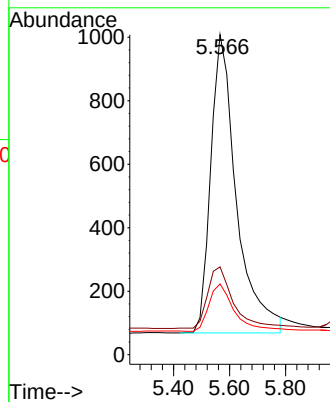
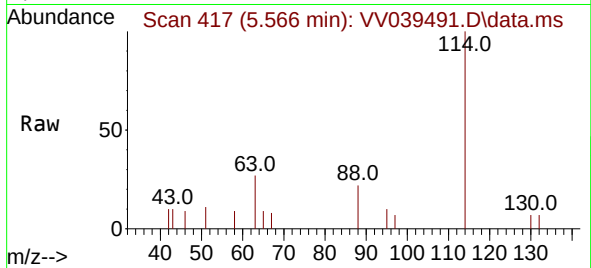




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV039491.D
 Acq: 08 Dec 2025 14:38

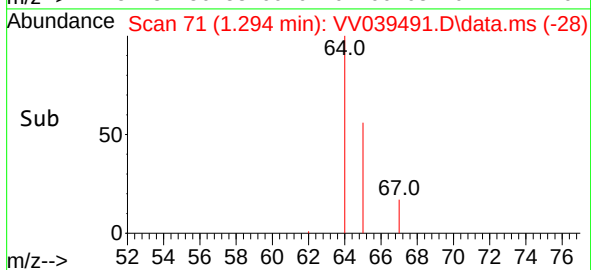
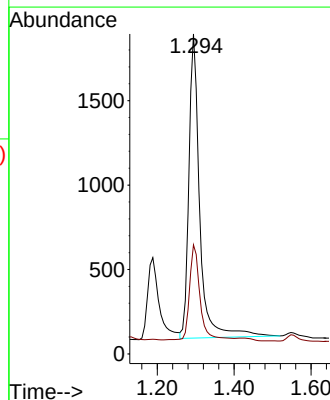
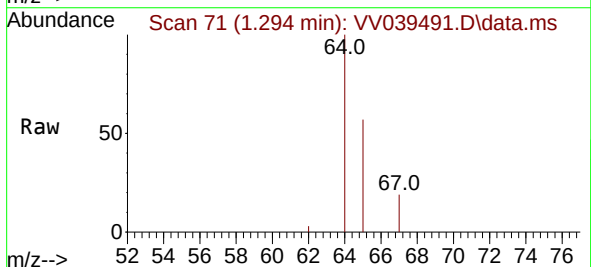
Instrument :
 MSVOA_V
 ClientSampleId :
 TB01-120525

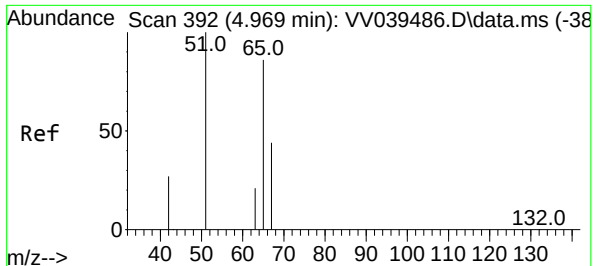
Tgt Ion:	114	Resp:	5977
Ion	Ratio	Lower	Upper
114	100		
63	20.6	15.0	22.4
88	15.7	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.584 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039491.D
 Acq: 08 Dec 2025 14:38

Tgt Ion:	65	Resp:	3512
Ion	Ratio	Lower	Upper
65	100		
67	30.0	22.3	41.5

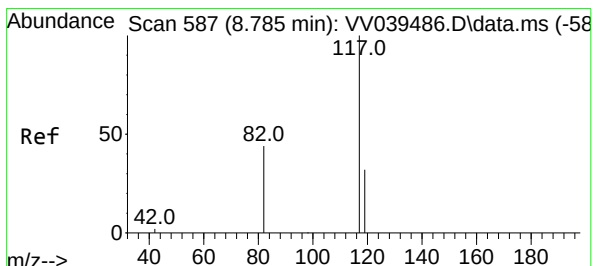
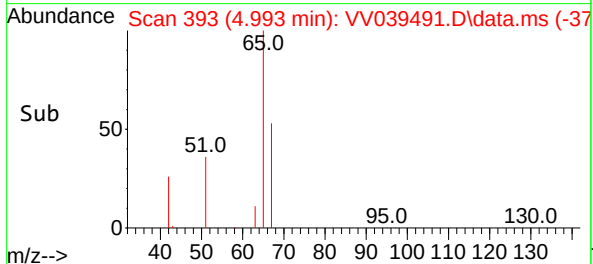
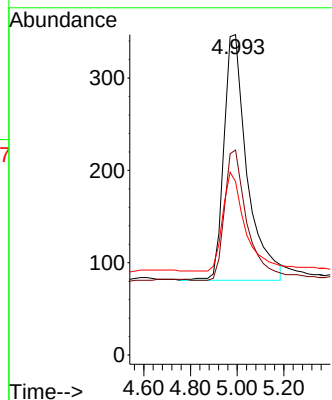
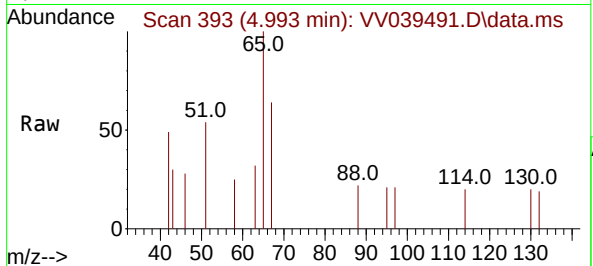




#4
1,2-Dichloroethane-d4
Concen: 0.462 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039491.D
Acq: 08 Dec 2025 14:38

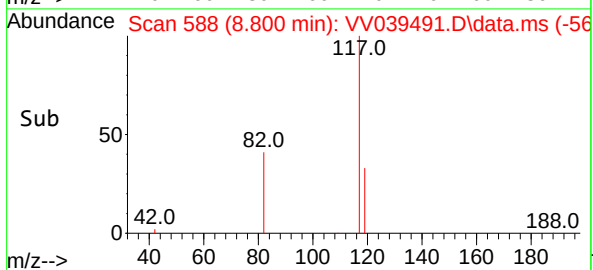
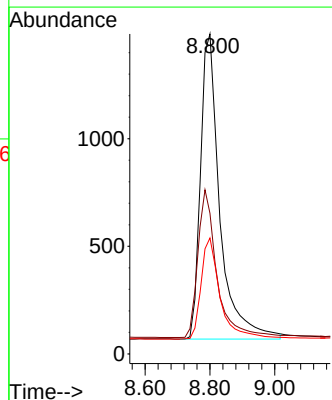
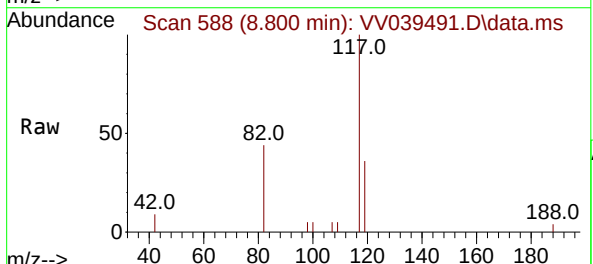
Instrument :
MSVOA_V
ClientSampleId :
TB01-120525

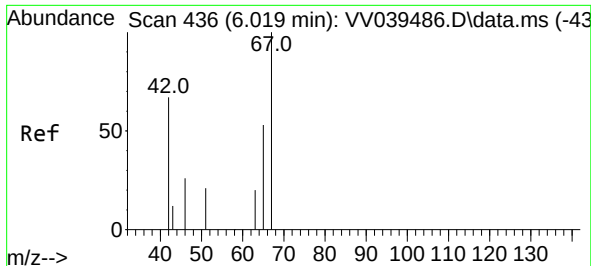
Tgt Ion: 65 Resp: 1837
Ion Ratio Lower Upper
65 100
67 51.5 32.5 60.3
51 38.8 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039491.D
Acq: 08 Dec 2025 14:38

Tgt Ion: 117 Resp: 5887
Ion Ratio Lower Upper
117 100
82 47.6 39.4 59.2
119 32.8 26.2 39.2

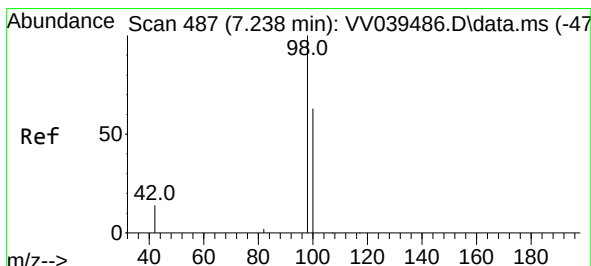
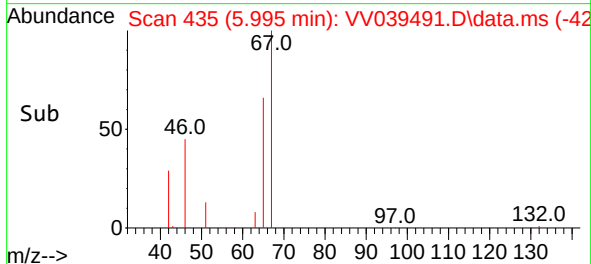
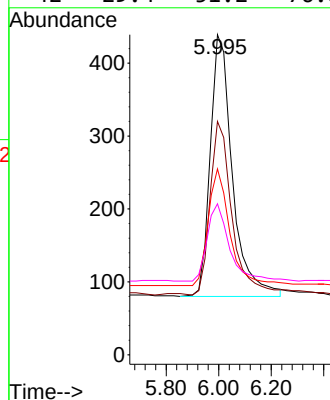
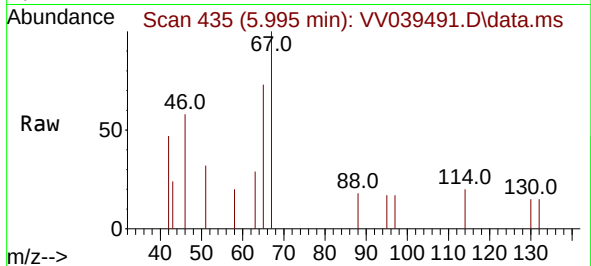




#7
1,2-Dichloropropane-d6
Concen: 0.424 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039491.D
Acq: 08 Dec 2025 14:38

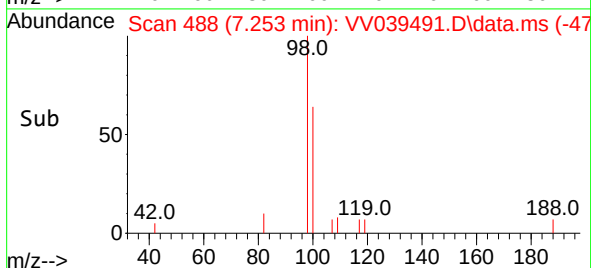
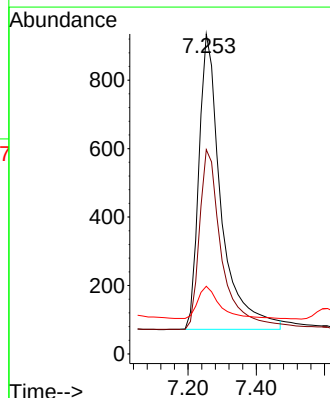
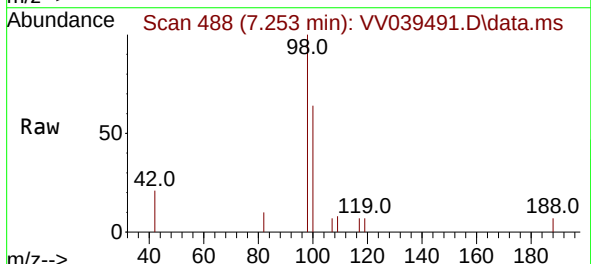
Instrument :
MSVOA_V
ClientSampleId :
TB01-120525

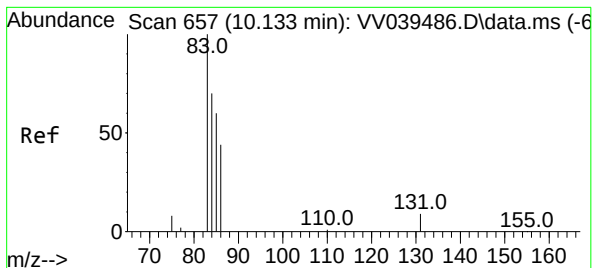
Tgt Ion:	67	Resp:	2107
Ion	Ratio	Lower	Upper
67	100		
65	65.0	37.9	56.9#
46	43.3	27.4	41.0#
42	29.4	51.2	76.8#



#8
Toluene-d8
Concen: 0.464 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039491.D
Acq: 08 Dec 2025 14:38

Tgt Ion:	98	Resp:	3892
Ion	Ratio	Lower	Upper
98	100		
100	61.4	44.5	82.7
42	10.5	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.527 ug/L

RT: 10.133 min Scan# 610

Delta R.T. -0.000 min

Lab File: VV039491.D

Acq: 08 Dec 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

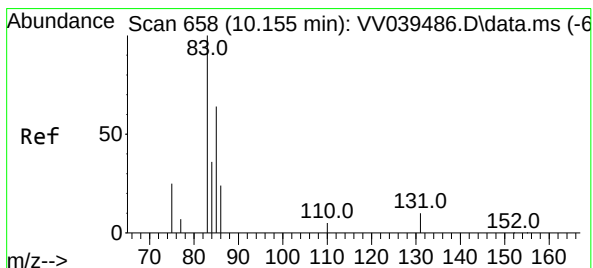
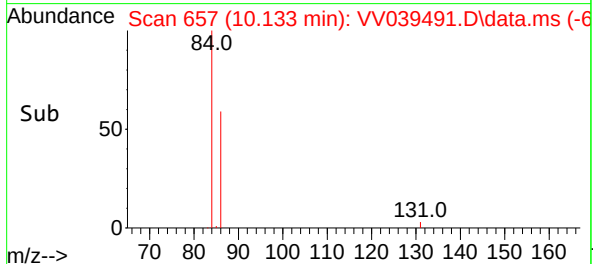
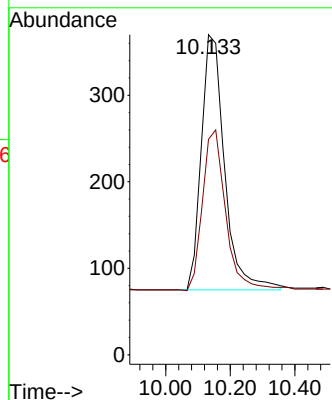
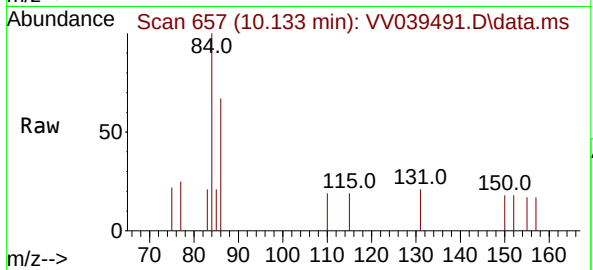
TB01-120525

Tgt Ion: 84 Resp: 1474

Ion Ratio Lower Upper

84 100

86 61.6 44.4 82.5



#11

1,1,2,2-Tetrachloroethane

Concen: 0.065 ug/L

RT: 9.556 min Scan# 631

Delta R.T. -0.599 min

Lab File: VV039491.D

Acq: 08 Dec 2025 14:38

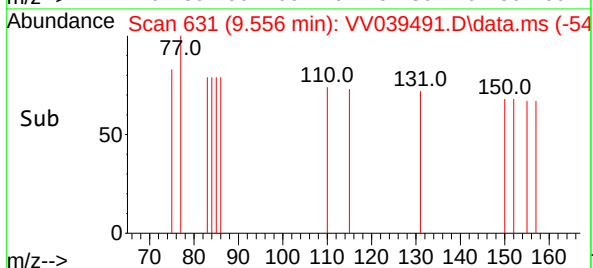
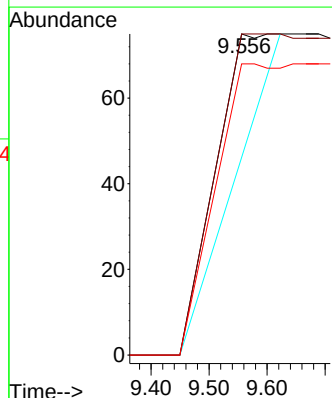
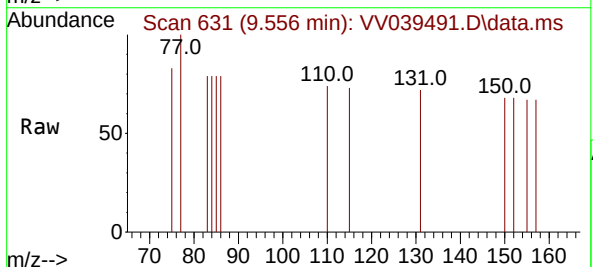
Tgt Ion: 83 Resp: 386

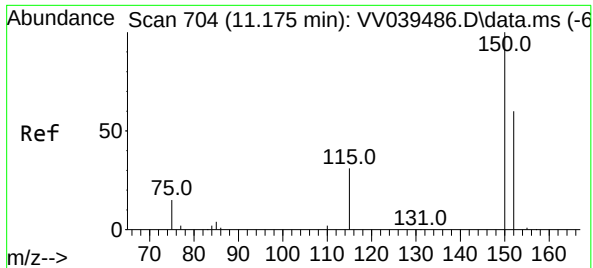
Ion Ratio Lower Upper

83 100

85 231.3 51.0 76.6#

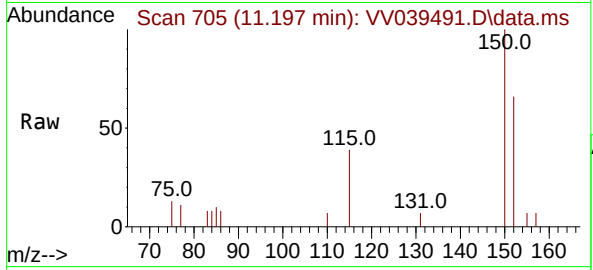
131 131.1 8.6 12.8#





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.197 min Scan# 705
 Delta R.T. 0.022 min
 Lab File: VV039491.D
 Acq: 08 Dec 2025 14:38

Instrument :
 MSVOA_V
 ClientSampleId :
 TB01-120525



Tgt Ion:	152	Resp:	3057
Ion	Ratio	Lower	Upper
152	100		
115	55.9	0.0	101.6
150	159.0	0.0	396.2

