

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039508.D
 Acq On : 09 Dec 2025 16:45
 Operator : SY/MD
 Sample : Q3787-12
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OW-03B-51.5-120425-SIM

Quant Time: Dec 10 01:17:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 09 08:40:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

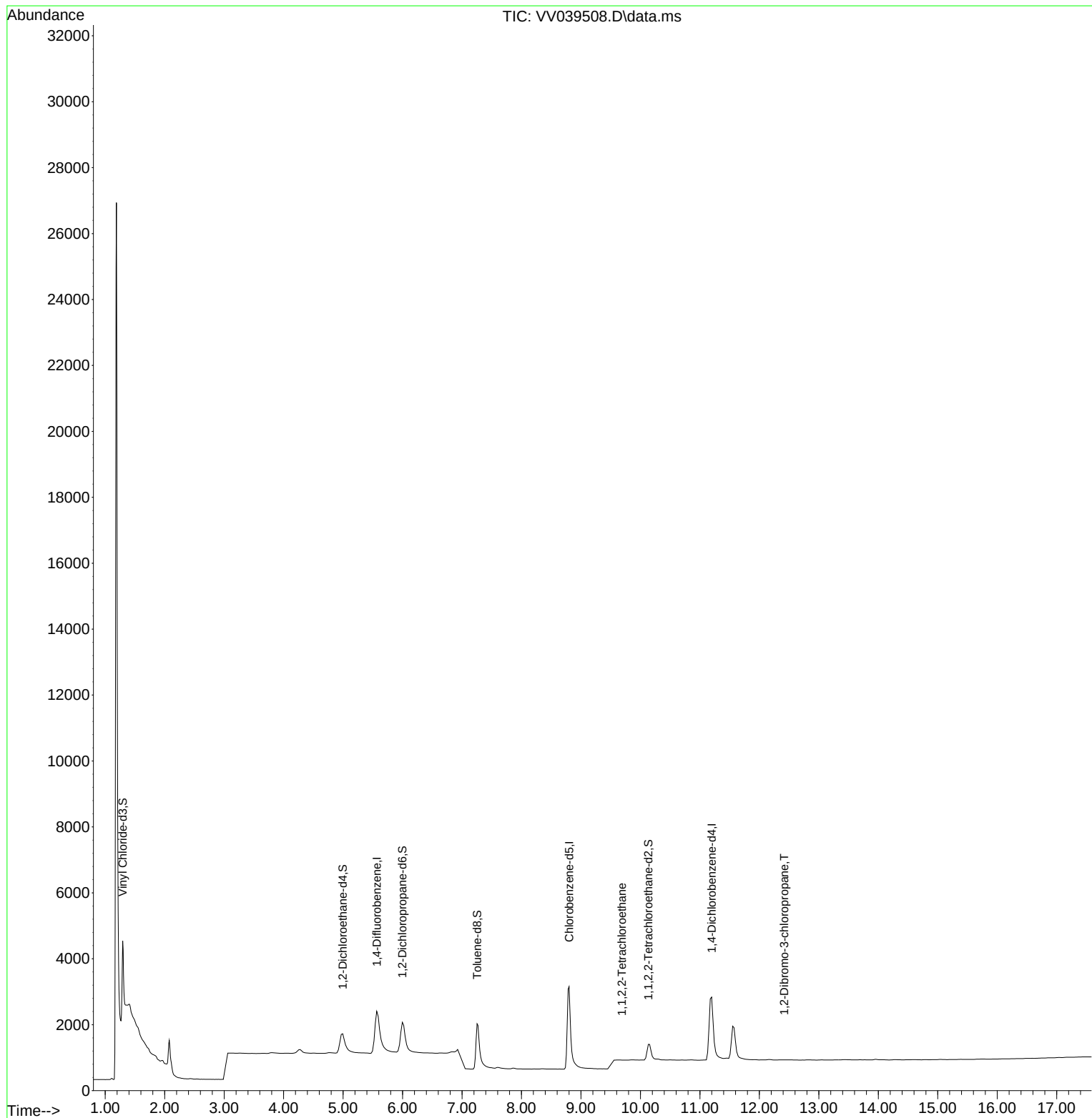
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5747	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5849	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3001	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3153	0.559	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	112.000%
4) 1,2-Dichloroethane-d4	4.993	65	1739	0.454	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
7) 1,2-Dichloropropane-d6	5.995	67	2006	0.406	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	82.000%
8) Toluene-d8	7.253	98	3685	0.443	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1439	0.517	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
11) 1,1,2,2-Tetrachloroethane	9.689	83	1316	0.224	ug/L #	38
14) 1,2-Dibromo-3-chloropr...	12.417	75	27	0.042	ug/L	96

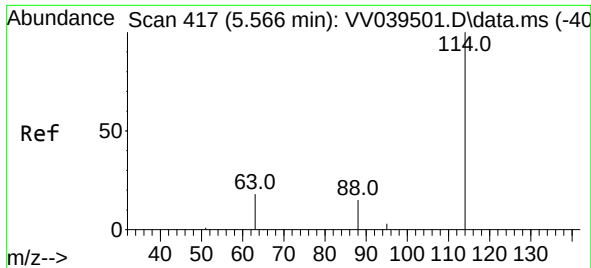
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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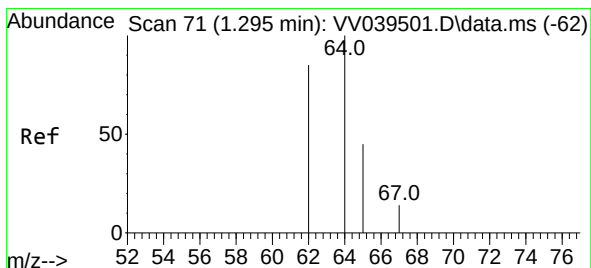
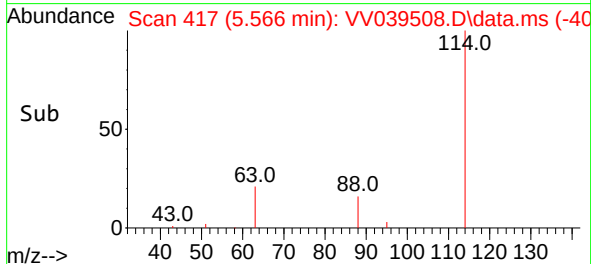
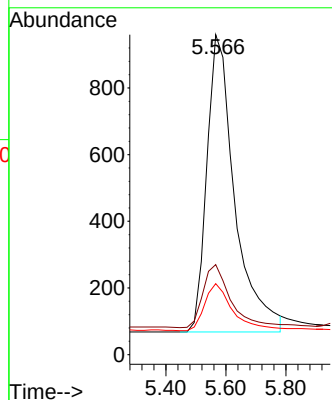
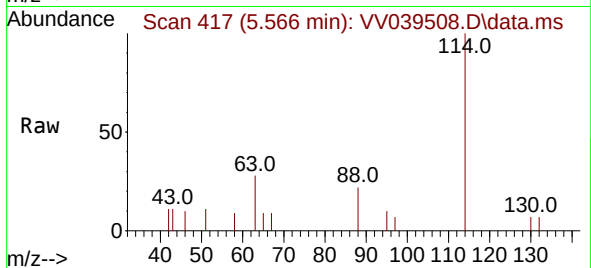




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV039508.D
 Acq: 09 Dec 2025 16:45

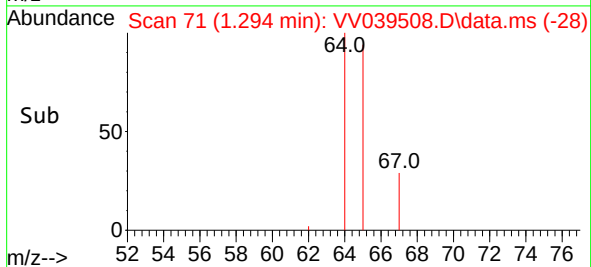
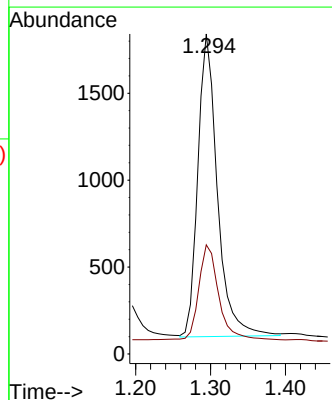
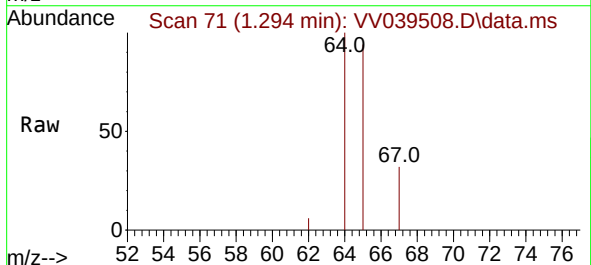
Instrument :
 MSVOA_V
 ClientSampleId :
 OW-03B-51.5-120425-SIM

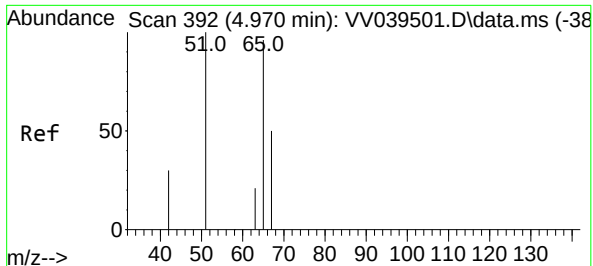
Tgt Ion:114	Resp:	5747
Ion	Ratio	Lower Upper
114	100	
63	21.1	15.0 22.4
88	15.9	12.0 18.0



#2
 Vinyl Chloride-d3
 Concen: 0.559 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039508.D
 Acq: 09 Dec 2025 16:45

Tgt Ion: 65	Resp:	3153
Ion	Ratio	Lower Upper
65	100	
67	33.0	22.3 41.5

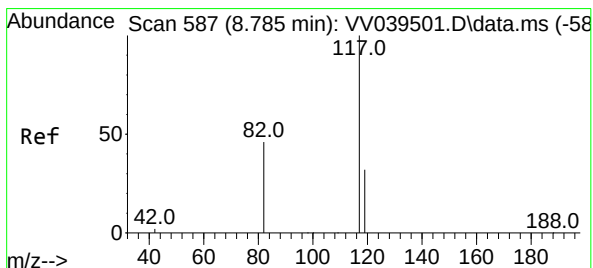
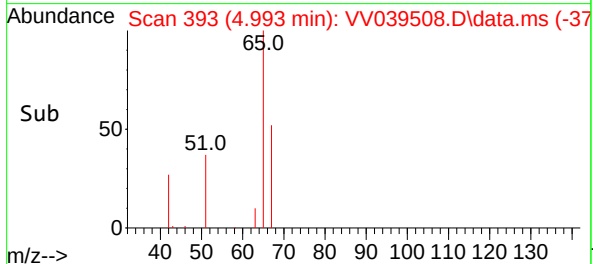
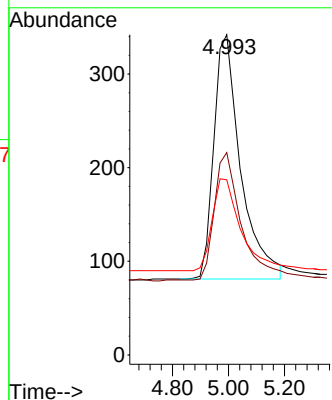
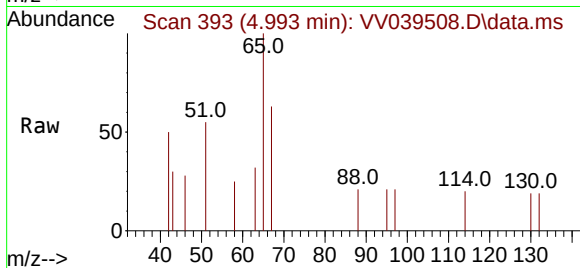




#4
1,2-Dichloroethane-d4
Concen: 0.454 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039508.D
Acq: 09 Dec 2025 16:45

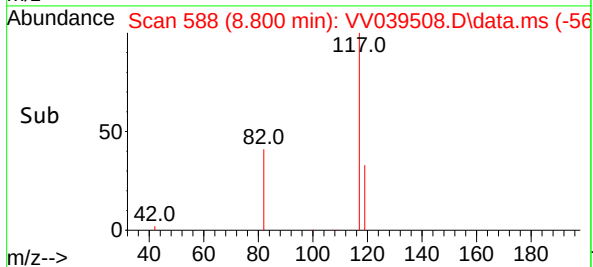
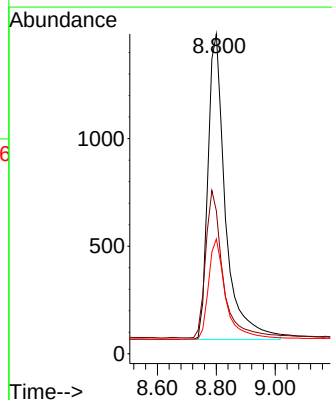
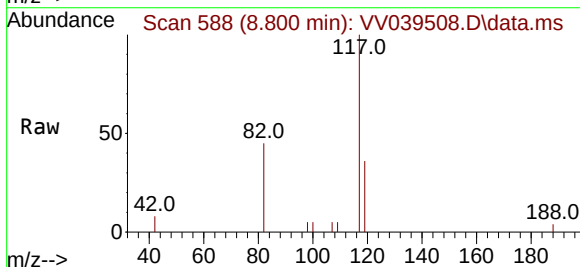
Instrument : MSVOA_V
ClientSampleId : OW-03B-51.5-120425-SIM

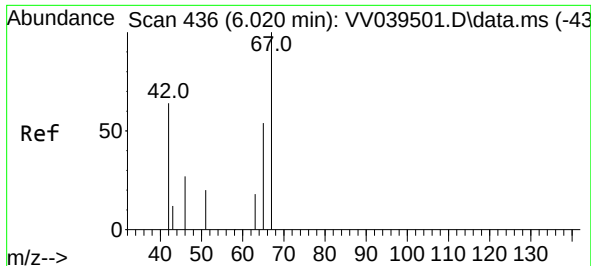
Tgt Ion: 65 Resp: 1739
Ion Ratio Lower Upper
65 100
67 52.1 32.5 60.3
51 39.7 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039508.D
Acq: 09 Dec 2025 16:45

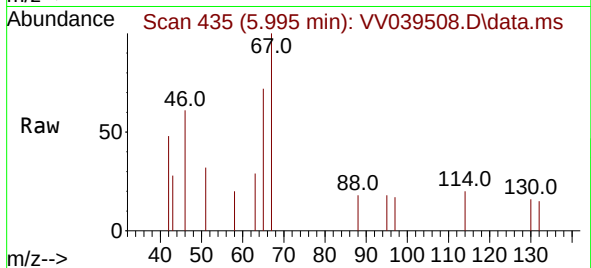
Tgt Ion: 117 Resp: 5849
Ion Ratio Lower Upper
117 100
82 47.6 39.4 59.2
119 32.4 26.2 39.2



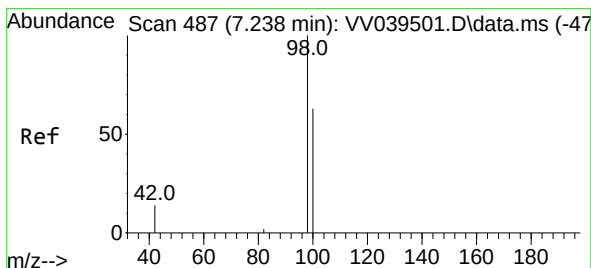
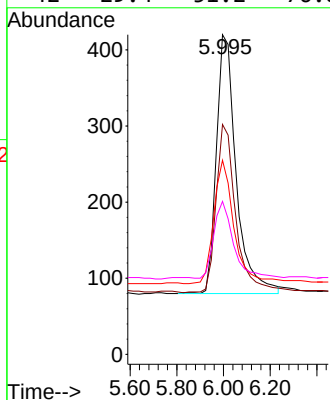
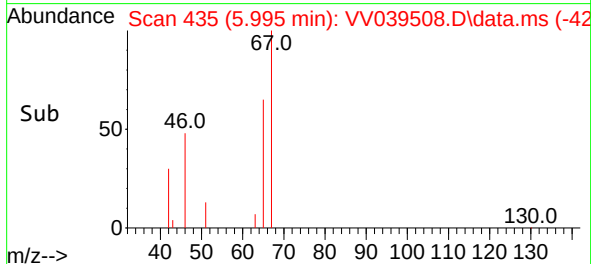


#7
1,2-Dichloropropane-d6
Concen: 0.406 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039508.D
Acq: 09 Dec 2025 16:45

Instrument :
MSVOA_V
ClientSampleId :
OW-03B-51.5-120425-SIM

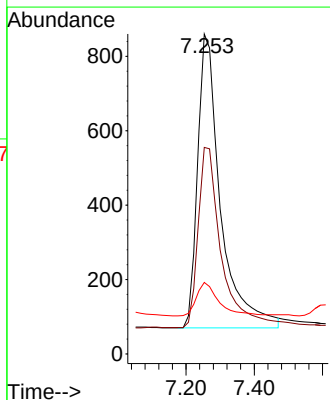
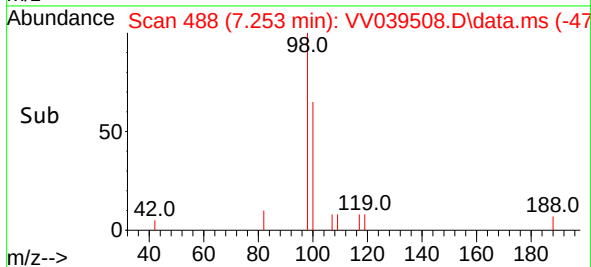
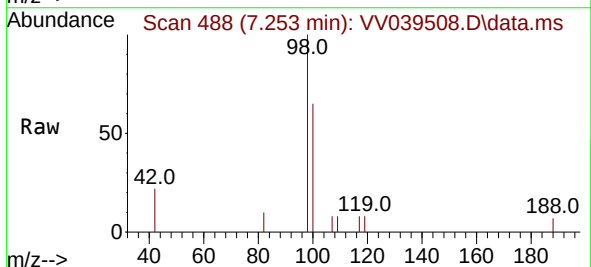


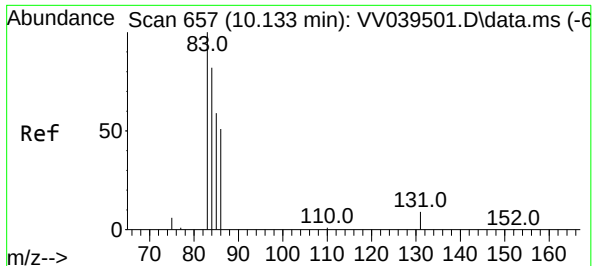
Tgt Ion:	67	Resp:	2006
Ion	Ratio	Lower	Upper
67	100		
65	64.7	37.9	56.9#
46	48.4	27.4	41.0#
42	29.4	51.2	76.8#



#8
Toluene-d8
Concen: 0.443 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039508.D
Acq: 09 Dec 2025 16:45

Tgt Ion:	98	Resp:	3685
Ion	Ratio	Lower	Upper
98	100		
100	61.8	44.5	82.7
42	11.2	10.1	18.7

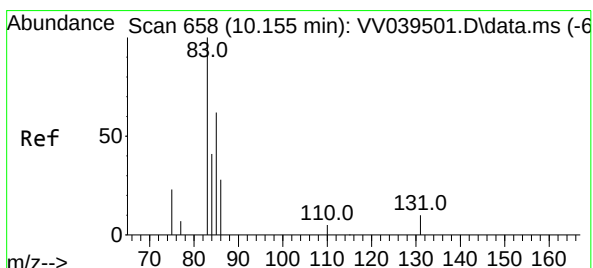
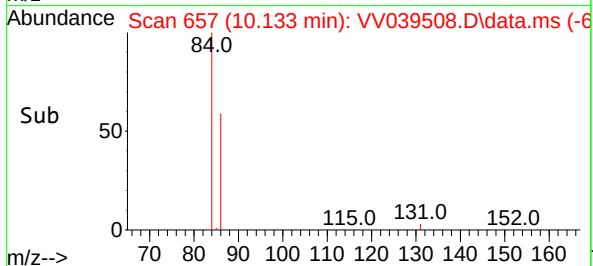
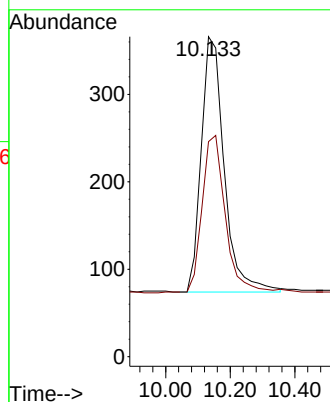
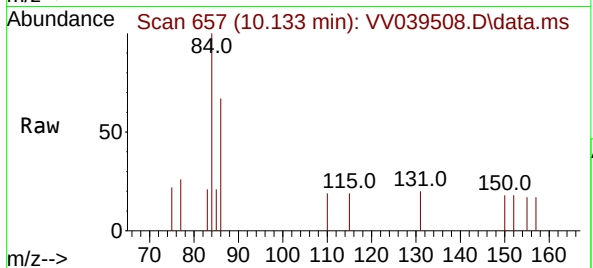




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.517 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039508.D
Acq: 09 Dec 2025 16:45

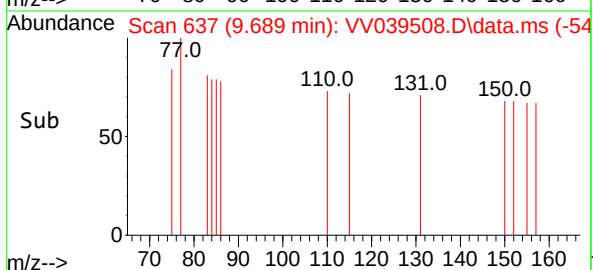
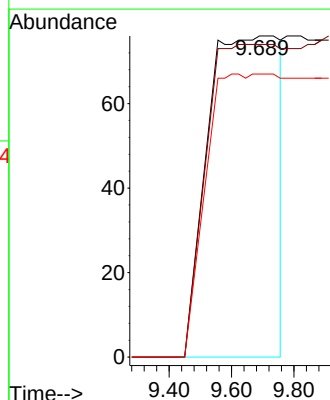
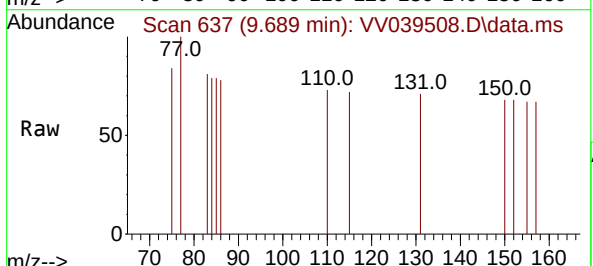
Instrument :
MSVOA_V
ClientSampleId :
OW-03B-51.5-120425-SIM

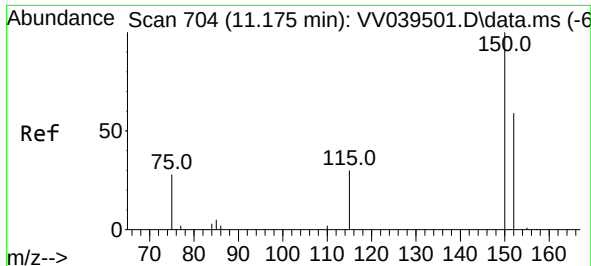
Tgt Ion: 84 Resp: 1439
Ion Ratio Lower Upper
84 100
86 62.6 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.224 ug/L
RT: 9.689 min Scan# 637
Delta R.T. -0.466 min
Lab File: VV039508.D
Acq: 09 Dec 2025 16:45

Tgt Ion: 83 Resp: 1316
Ion Ratio Lower Upper
83 100
85 105.5 51.0 76.6#
131 53.1 8.6 12.8#





#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.197 min Scan# 704

Delta R.T. 0.022 min

Lab File: VV039508.D

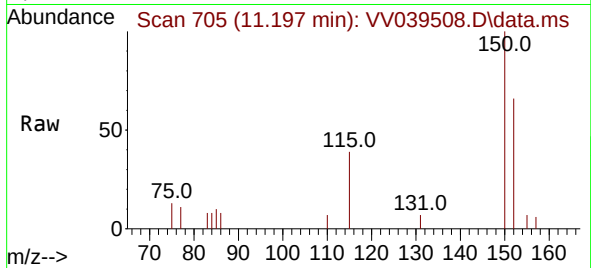
Acq: 09 Dec 2025 16:45

Instrument :

MSVOA_V

ClientSampleId :

OW-03B-51.5-120425-SIM



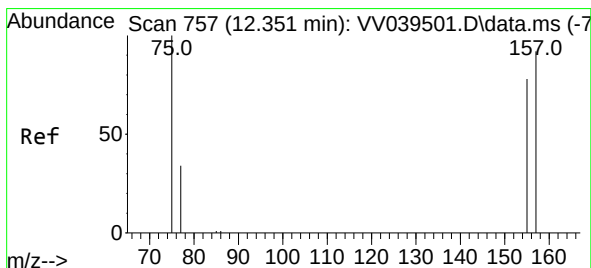
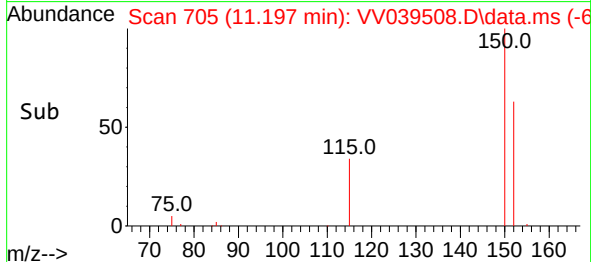
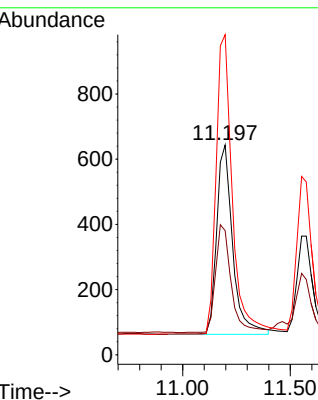
Tgt Ion:152 Resp: 3001

Ion Ratio Lower Upper

152 100

115 55.9 0.0 101.6

150 158.6 0.0 396.2



#14

1,2-Dibromo-3-chloropropane

Concen: 0.042 ug/L

RT: 12.417 min Scan# 760

Delta R.T. 0.066 min

Lab File: VV039508.D

Acq: 09 Dec 2025 16:45

Tgt Ion: 75 Resp: 27

Ion Ratio Lower Upper

75 100

157 79.0 67.8 101.6

155 79.0 61.9 92.9

