

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
 Data File : VV039488.D
 Acq On : 08 Dec 2025 12:02
 Operator : SY/MD
 Sample : Q3787-21
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TB01-120425

Quant Time: Dec 09 01:27:05 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)

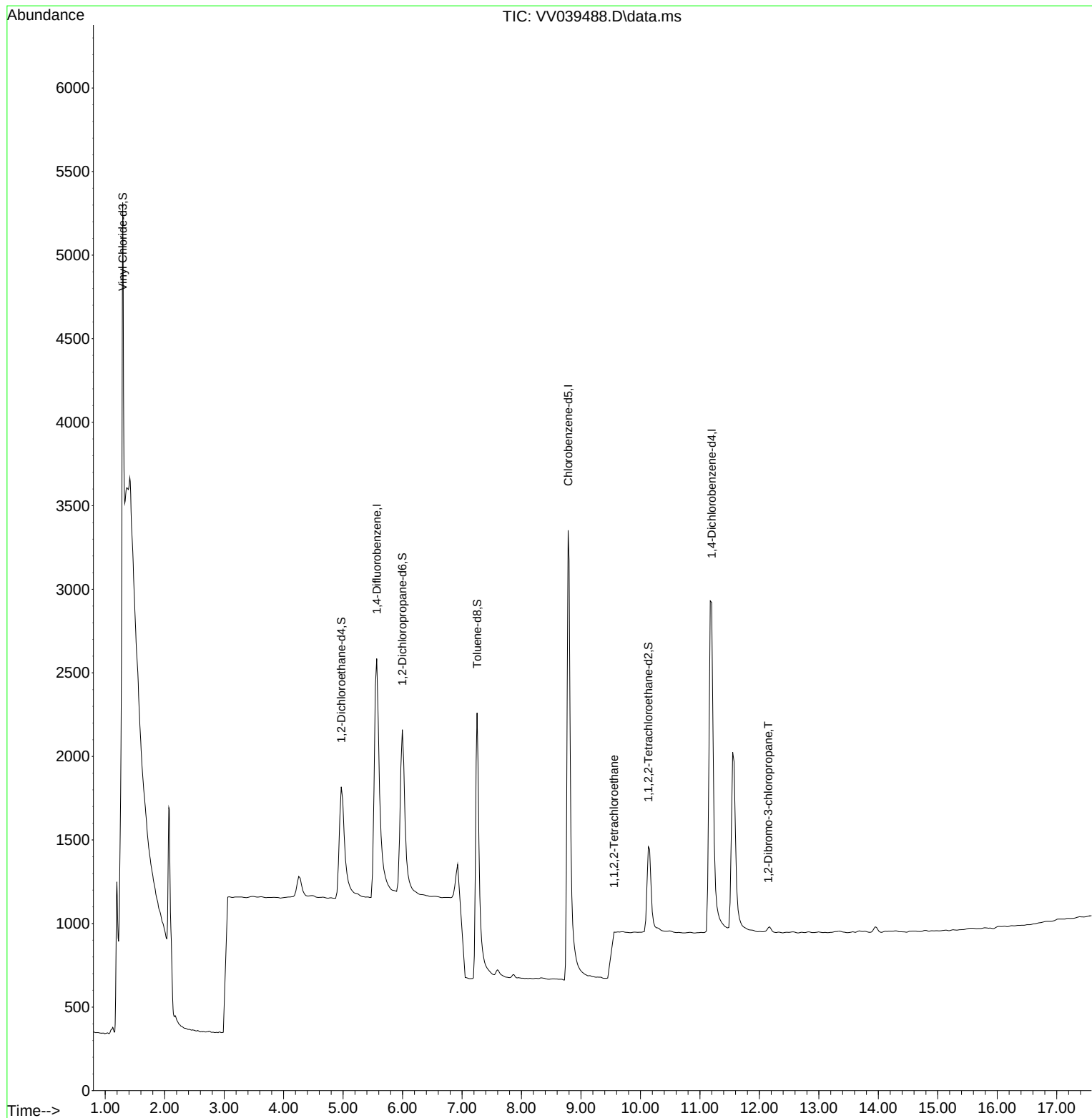
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6543	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6120	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.197	152	3130	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3588	0.545	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	110.000%
4) 1,2-Dichloroethane-d4	4.970	65	1891	0.434	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
7) 1,2-Dichloropropane-d6	5.996	67	2168	0.420	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.254	98	4063	0.466	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1537	0.528	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
11) 1,1,2,2-Tetrachloroethane	9.556	83	570	0.093	ug/L #	23
14) 1,2-Dibromo-3-chloropr...	12.151	75	90	0.135	ug/L #	83

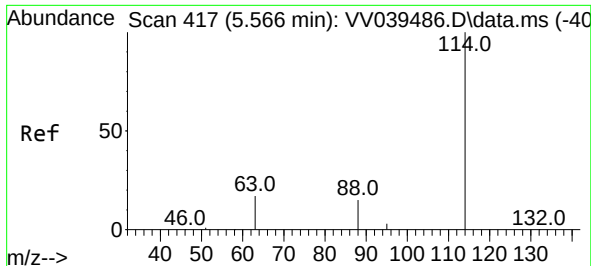
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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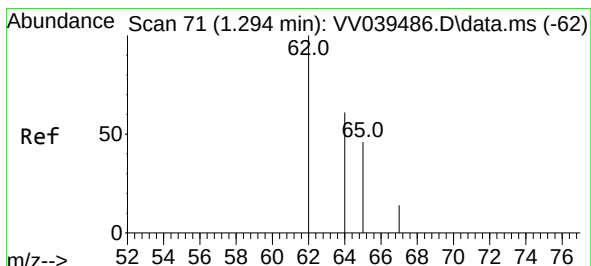
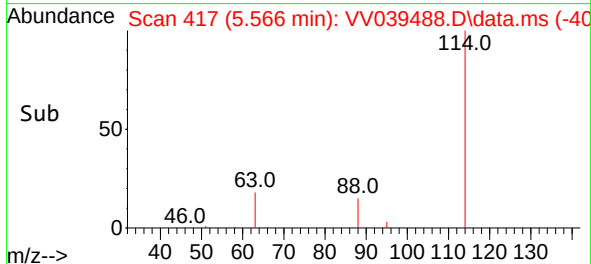
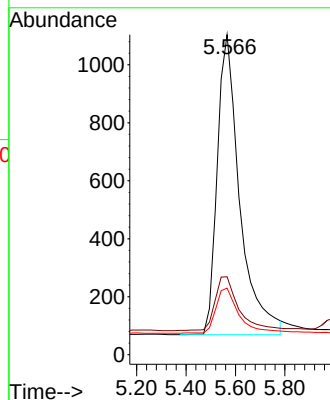
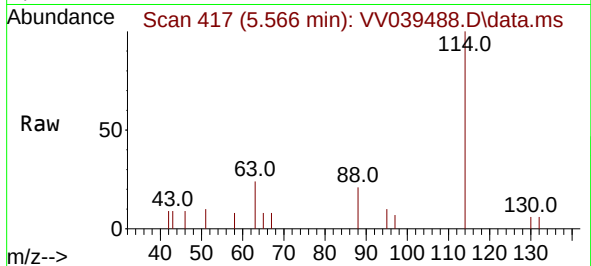




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039488.D
 Acq: 08 Dec 2025 12:02

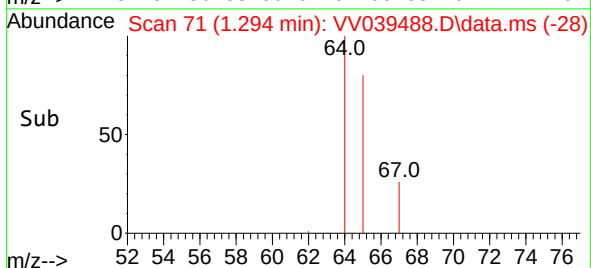
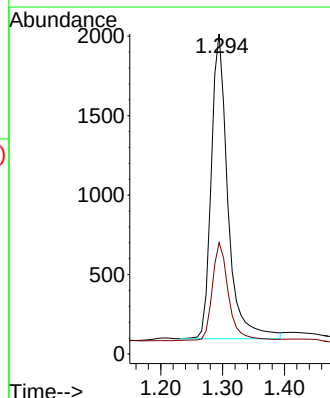
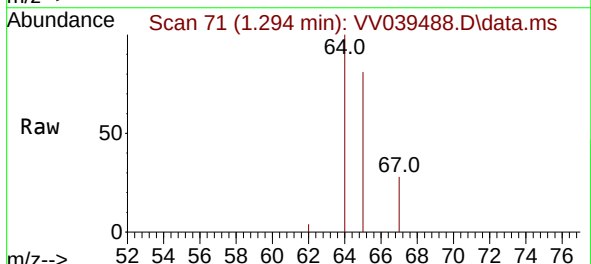
Instrument :
 MSVOA_V
 ClientSampleId :
 TB01-120425

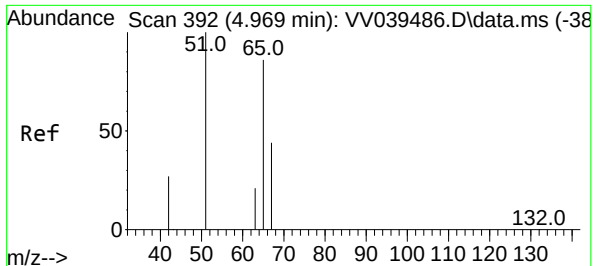
Tgt Ion:	114	Resp:	6543
Ion	Ratio	Lower	Upper
114	100		
63	18.8	15.0	22.4
88	15.2	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.545 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039488.D
 Acq: 08 Dec 2025 12:02

Tgt Ion:	65	Resp:	3588
Ion	Ratio	Lower	Upper
65	100		
67	31.5	22.3	41.5

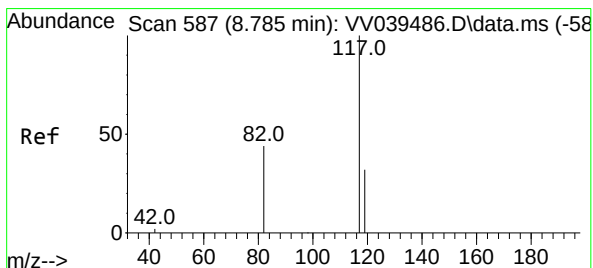
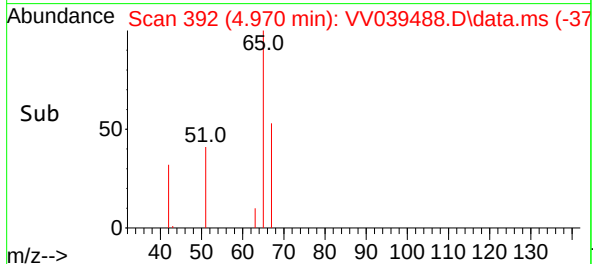
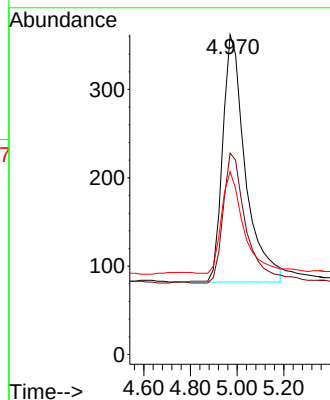
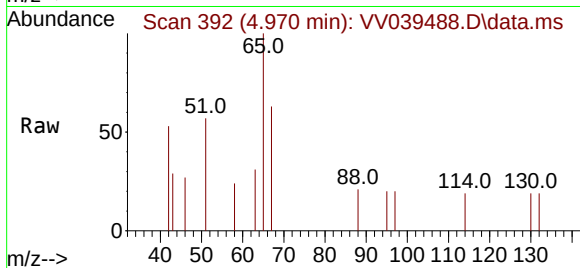




#4
1,2-Dichloroethane-d4
Concen: 0.434 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039488.D
Acq: 08 Dec 2025 12:02

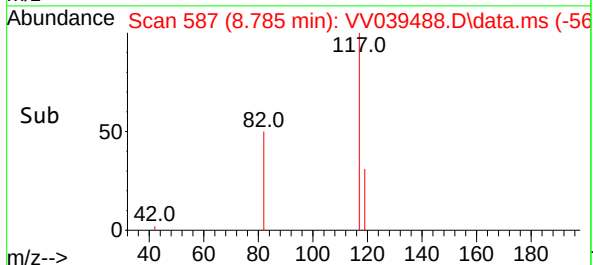
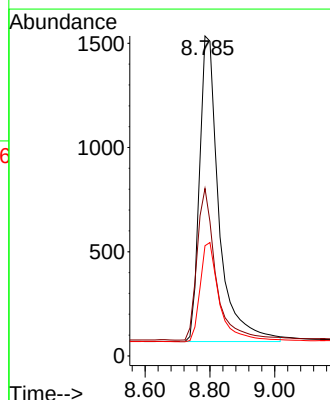
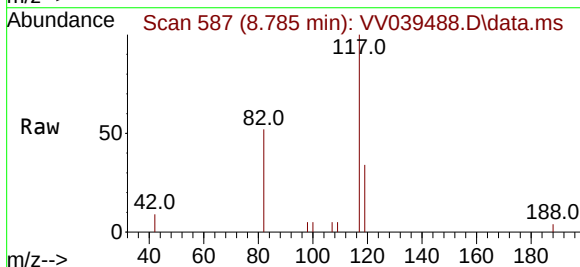
Instrument :
MSVOA_V
ClientSampleId :
TB01-120425

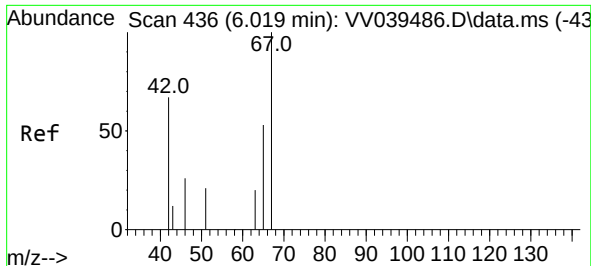
Tgt Ion: 65 Resp: 1891
Ion Ratio Lower Upper
65 100
67 52.3 32.5 60.3
51 39.8 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039488.D
Acq: 08 Dec 2025 12:02

Tgt Ion: 117 Resp: 6120
Ion Ratio Lower Upper
117 100
82 48.2 39.4 59.2
119 32.7 26.2 39.2



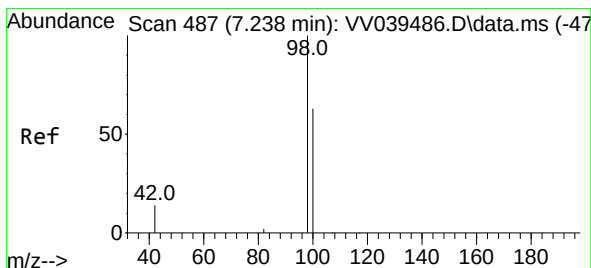
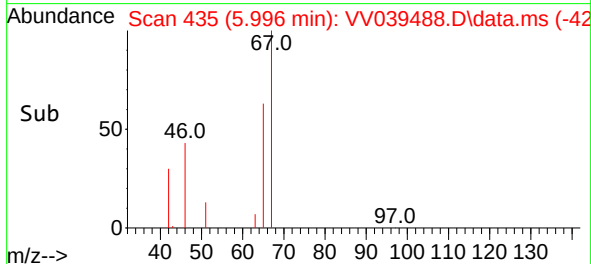
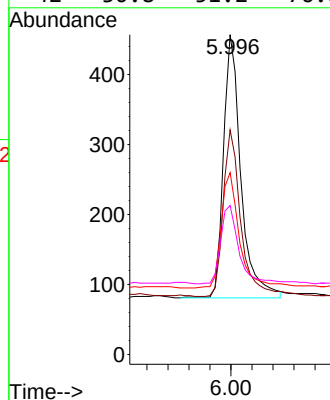
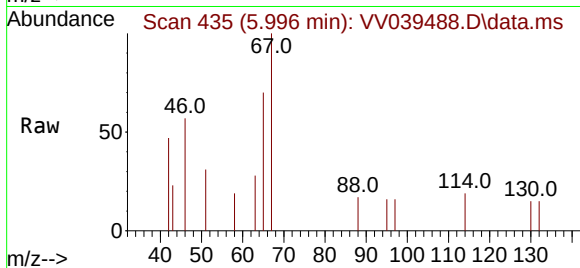


#7
1,2-Dichloropropane-d6
Concen: 0.420 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039488.D
Acq: 08 Dec 2025 12:02

Instrument :
MSVOA_V
ClientSampleId :
TB01-120425

Tgt Ion: 67 Resp: 2168

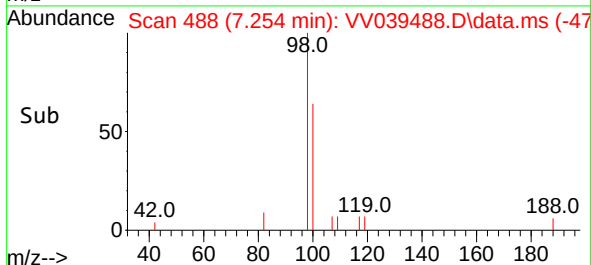
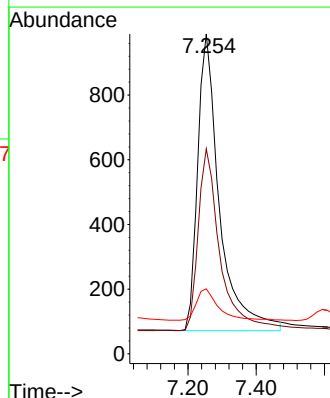
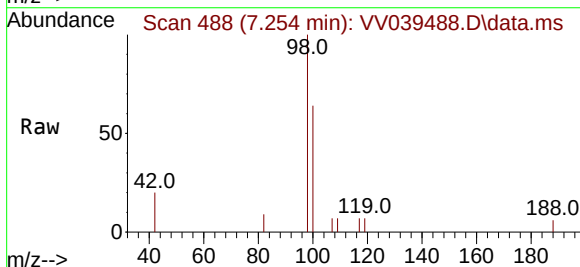
Ion	Ratio	Lower	Upper
67	100		
65	63.0	37.9	56.9#
46	45.0	27.4	41.0#
42	30.8	51.2	76.8#

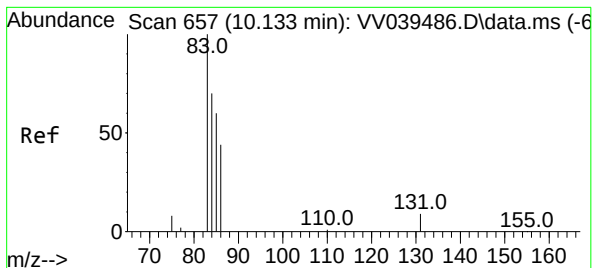


#8
Toluene-d8
Concen: 0.466 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039488.D
Acq: 08 Dec 2025 12:02

Tgt Ion: 98 Resp: 4063

Ion	Ratio	Lower	Upper
98	100		
100	61.2	44.5	82.7
42	10.6	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.528 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039488.D

Acq: 08 Dec 2025 12:02

Instrument :

MSVOA_V

ClientSampleId :

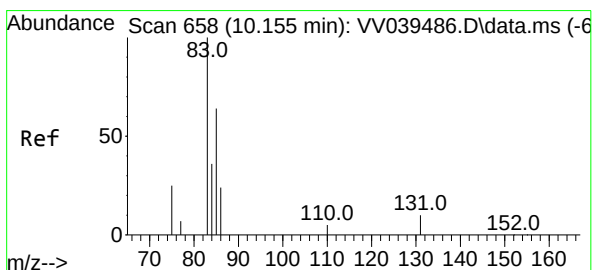
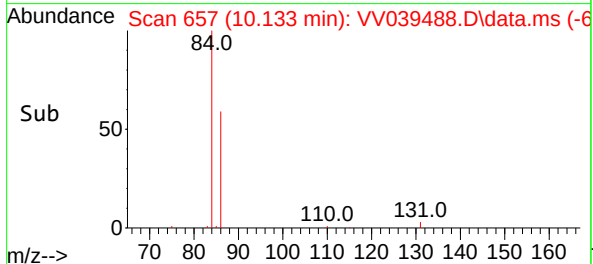
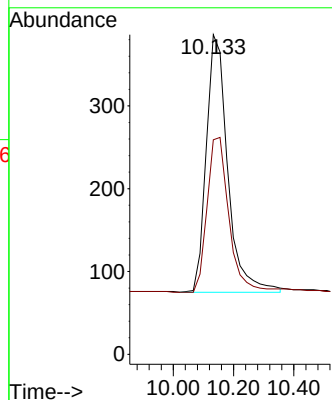
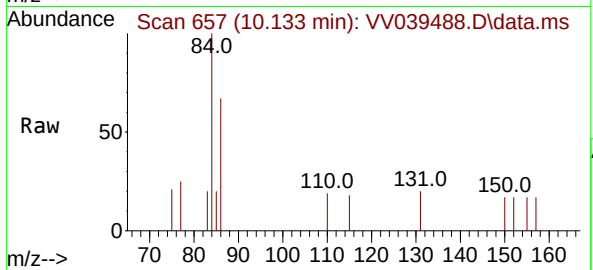
TB01-120425

Tgt Ion: 84 Resp: 1537

Ion Ratio Lower Upper

84 100

86 61.0 44.4 82.5



#11

1,1,2,2-Tetrachloroethane

Concen: 0.093 ug/L

RT: 9.556 min Scan# 631

Delta R.T. -0.599 min

Lab File: VV039488.D

Acq: 08 Dec 2025 12:02

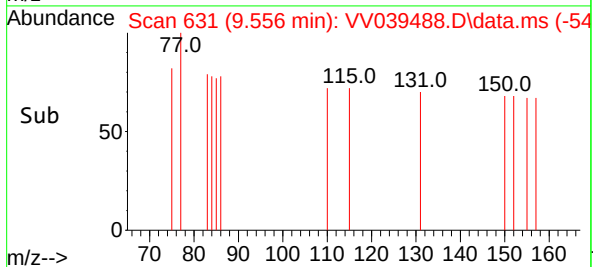
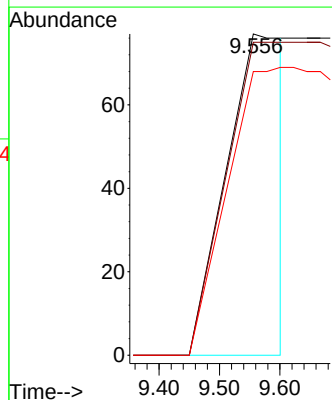
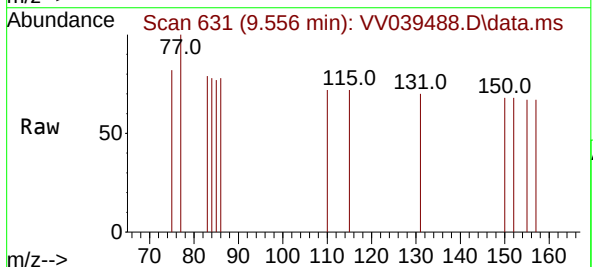
Tgt Ion: 83 Resp: 570

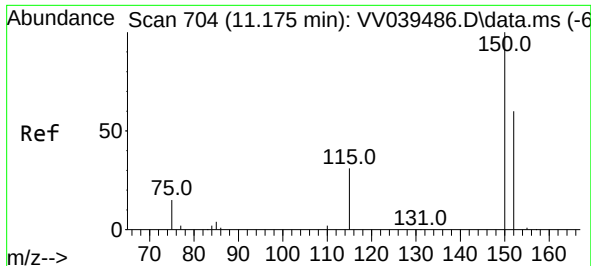
Ion Ratio Lower Upper

83 100

85 50.7 51.0 76.6#

131 176.1 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: VV039488.D

Acq: 08 Dec 2025 12:02

Instrument :

MSVOA_V

ClientSampleId :

TB01-120425

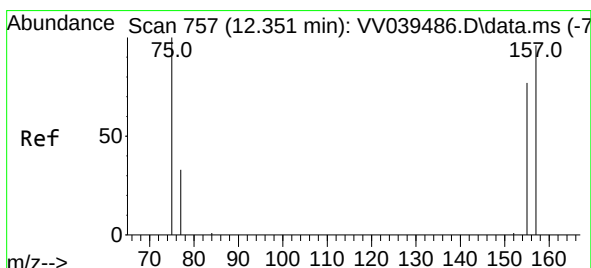
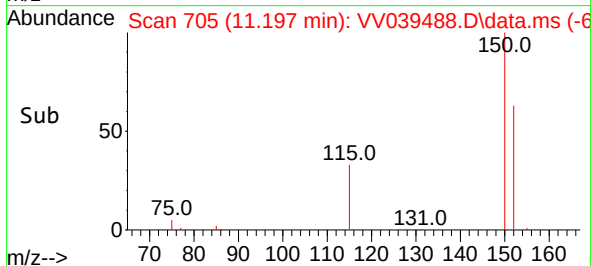
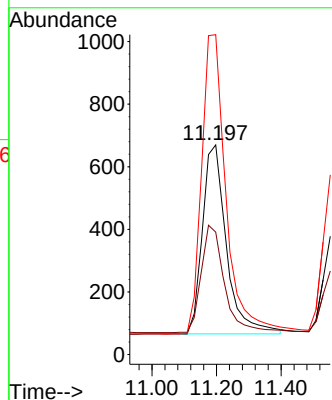
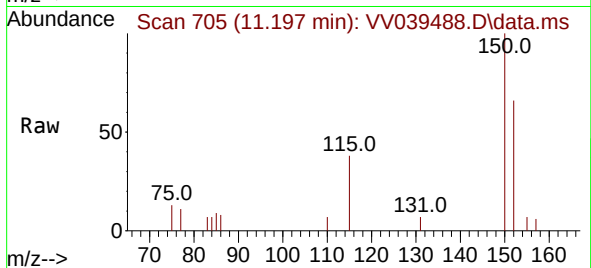
Tgt Ion:152 Resp: 3130

Ion Ratio Lower Upper

152 100

115 54.9 0.0 101.6

150 161.2 0.0 396.2



#14

1,2-Dibromo-3-chloropropane

Concen: 0.135 ug/L

RT: 12.151 min Scan# 748

Delta R.T. -0.200 min

Lab File: VV039488.D

Acq: 08 Dec 2025 12:02

Tgt Ion: 75 Resp: 90

Ion Ratio Lower Upper

75 100

157 64.4 67.8 101.6#

155 67.3 61.9 92.9

