

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039481.D
 Acq On : 05 Dec 2025 15:47
 Operator : SY/MD
 Sample : Q3757-10
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OW-05B-72-120325-SIM

Quant Time: Dec 05 22:49:35 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)

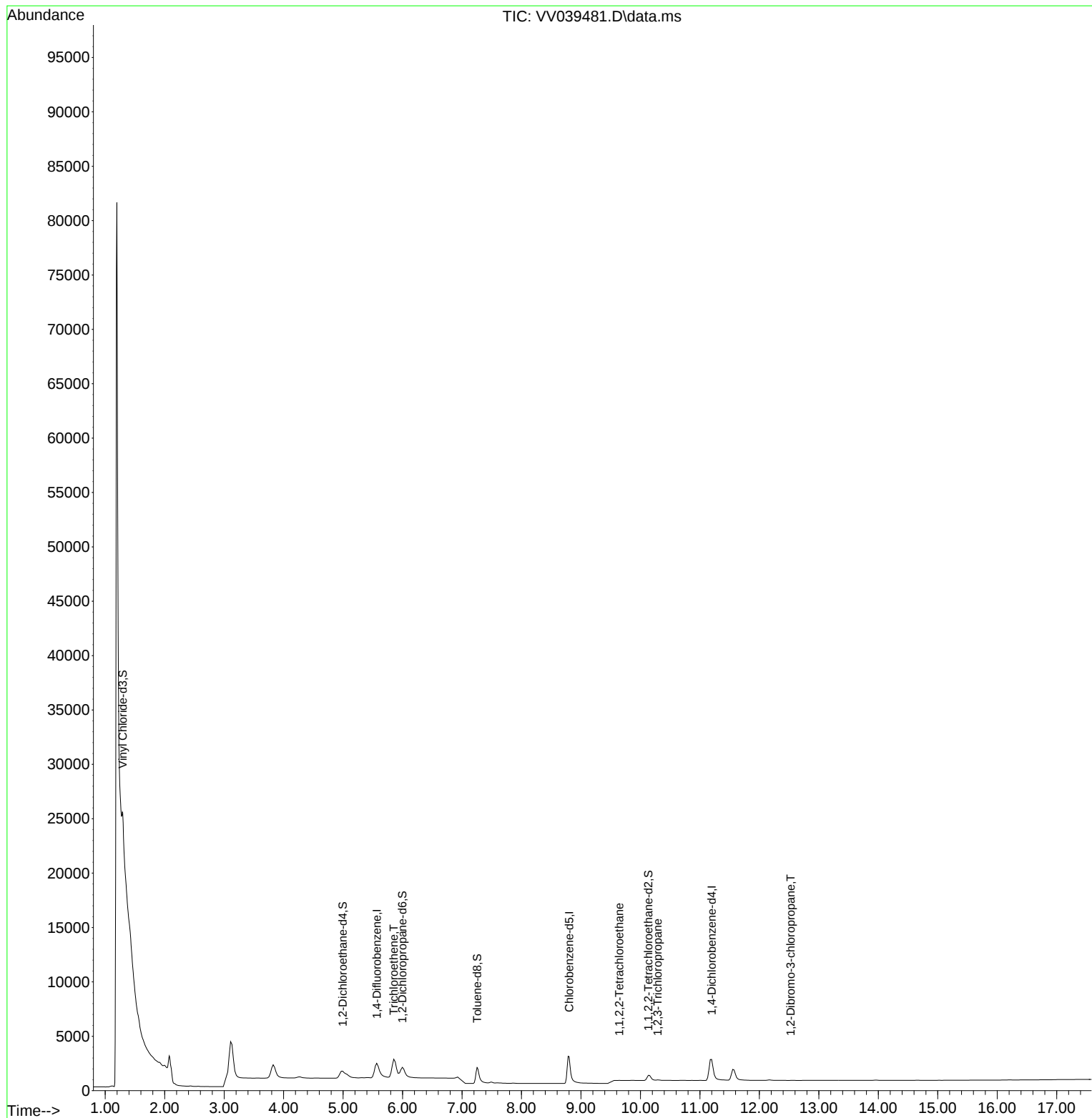
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6092	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5835	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3054	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3469	0.566	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	4.993	65	1934	0.477	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
7) 1,2-Dichloropropane-d6	5.995	67	1928	0.392	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	78.000%
8) Toluene-d8	7.253	98	3680	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	1408	0.507	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
6) Trichloroethene	5.852	95	2498	0.345	ug/L	98
11) 1,1,2,2-Tetrachloroethane	9.645	83	1013	0.173	ug/L #	1
13) 1,2,3-Trichloropropane	10.288	75	72	0.022	ug/L #	55
14) 1,2-Dibromo-3-chloropr...	12.528	75	21	0.032	ug/L	95

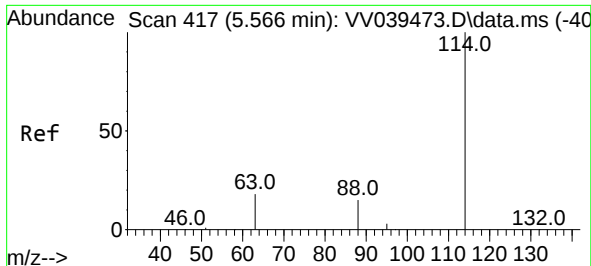
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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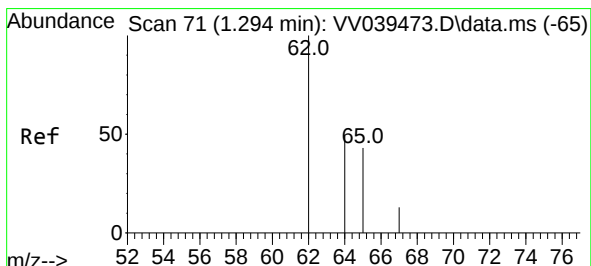
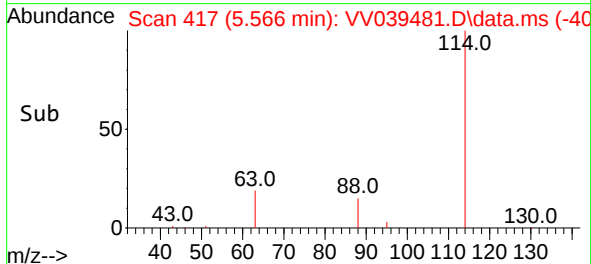
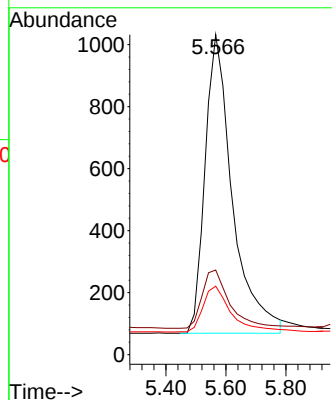
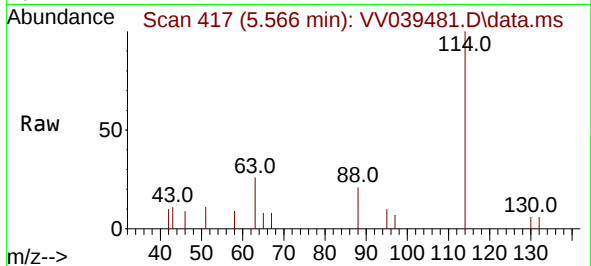




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039481.D
Acq: 05 Dec 2025 15:47

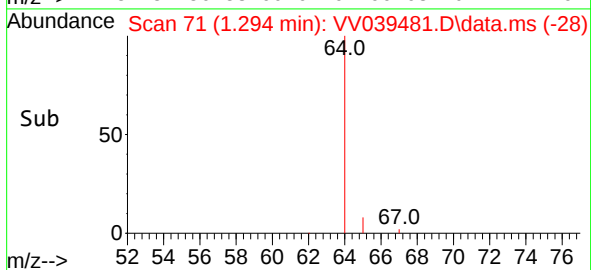
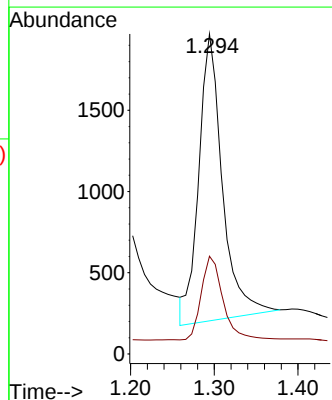
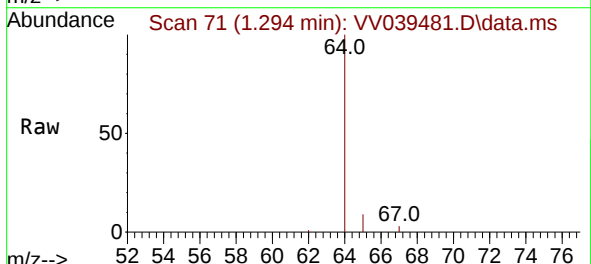
Instrument :
MSVOA_V
ClientSampleId :
OW-05B-72-120325-SIM

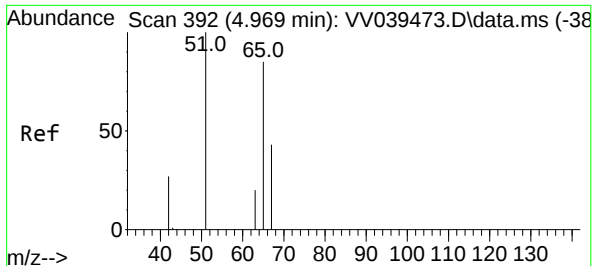
Tgt Ion:114	Resp:	6092
Ion	Ratio	Lower Upper
114	100	
63	19.7	15.0 22.4
88	15.7	12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.566 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039481.D
Acq: 05 Dec 2025 15:47

Tgt Ion: 65	Resp:	3469
Ion	Ratio	Lower Upper
65	100	
67	27.2	22.3 41.5





#4

1,2-Dichloroethane-d4

Concen: 0.477 ug/L

RT: 4.993 min Scan# 392

Delta R.T. 0.024 min

Lab File: VV039481.D

Acq: 05 Dec 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

OW-05B-72-120325-SIM

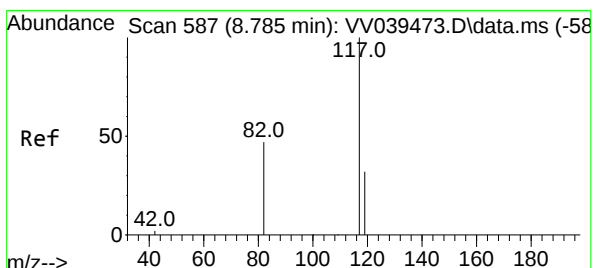
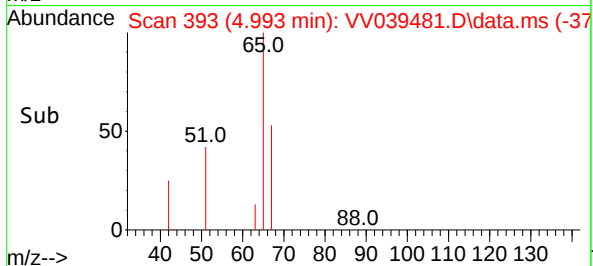
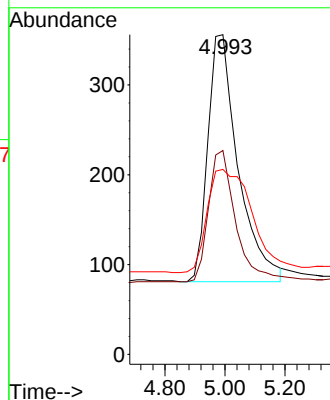
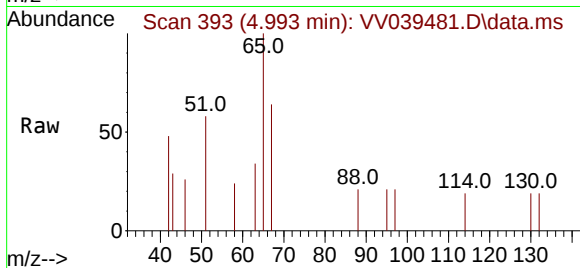
Tgt Ion: 65 Resp: 1934

Ion Ratio Lower Upper

65 100

67 47.2 32.5 60.3

51 60.9 121.4 225.6#



#5

Chlorobenzene-d5

Concen: 0.500 ug/L

RT: 8.800 min Scan# 588

Delta R.T. 0.015 min

Lab File: VV039481.D

Acq: 05 Dec 2025 15:47

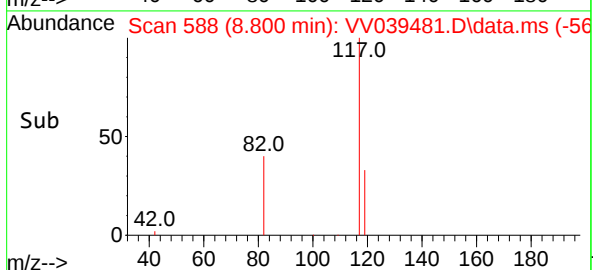
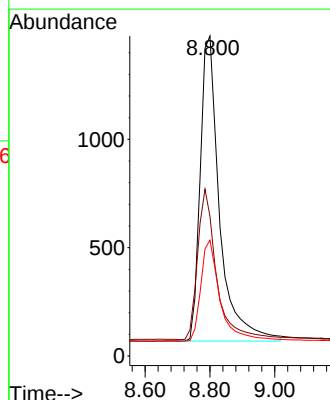
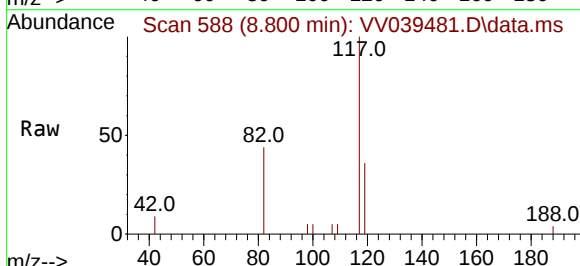
Tgt Ion: 117 Resp: 5835

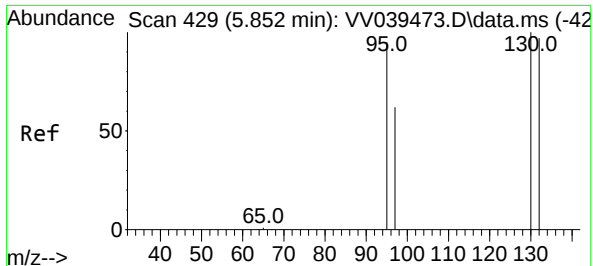
Ion Ratio Lower Upper

117 100

82 48.3 39.4 59.2

119 33.2 26.2 39.2





#6

Trichloroethene

Concen: 0.345 ug/L

RT: 5.852 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV039481.D

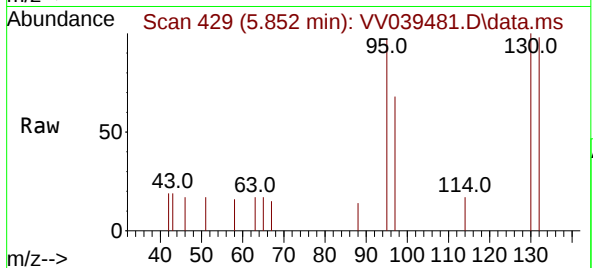
Acq: 05 Dec 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

OW-05B-72-120325-SIM



Tgt Ion: 95 Resp: 2498

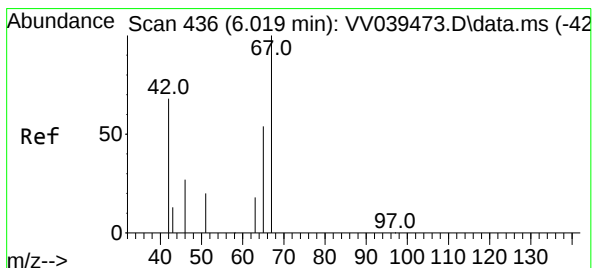
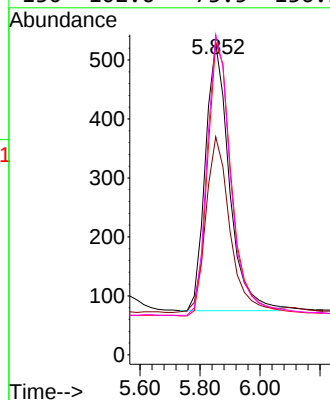
Ion Ratio Lower Upper

95 100

97 69.9 47.7 88.7

132 100.2 70.8 131.4

130 102.6 73.5 136.5



#7

1,2-Dichloropropane-d6

Concen: 0.392 ug/L

RT: 5.995 min Scan# 435

Delta R.T. -0.024 min

Lab File: VV039481.D

Acq: 05 Dec 2025 15:47

Tgt Ion: 67 Resp: 1928

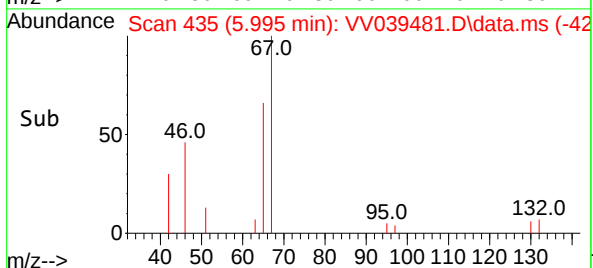
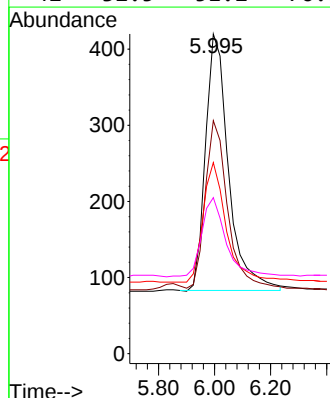
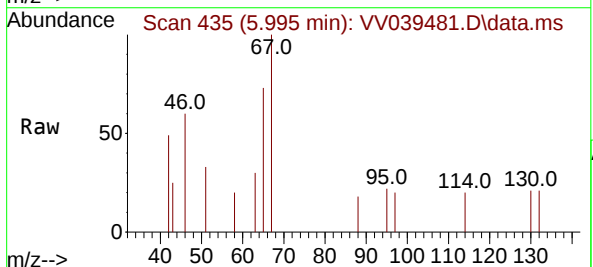
Ion Ratio Lower Upper

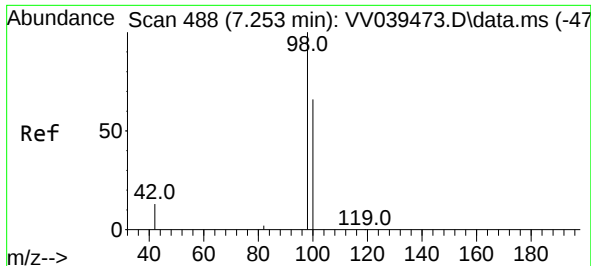
67 100

65 63.5 37.9 56.9#

46 47.1 27.4 41.0#

42 32.5 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: VV039481.D

Acq: 05 Dec 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

OW-05B-72-120325-SIM

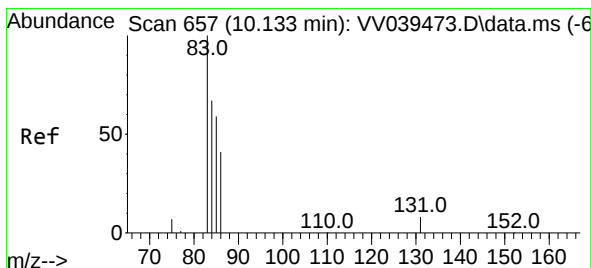
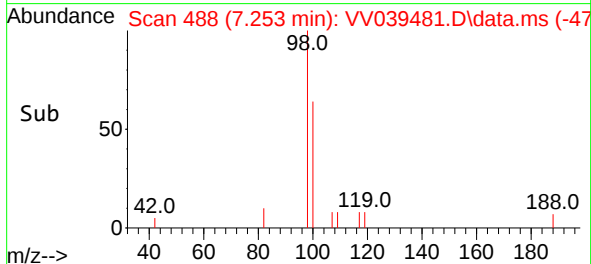
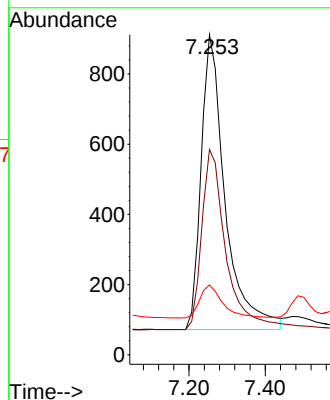
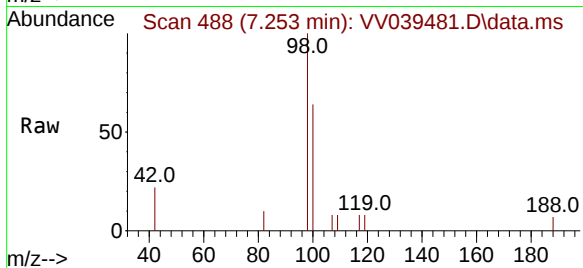
Tgt Ion: 98 Resp: 3680

Ion Ratio Lower Upper

98 100

100 61.8 44.5 82.7

42 10.7 10.1 18.7



#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.507 ug/L

RT: 10.133 min Scan# 657

Delta R.T. -0.000 min

Lab File: VV039481.D

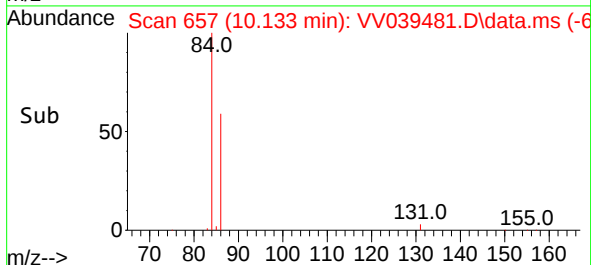
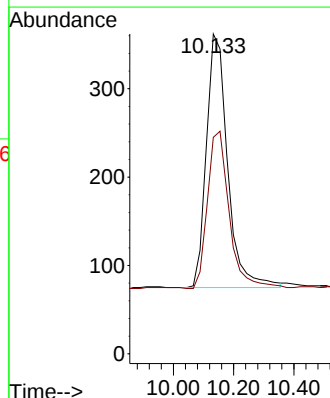
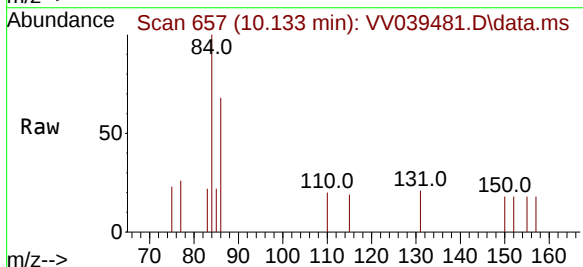
Acq: 05 Dec 2025 15:47

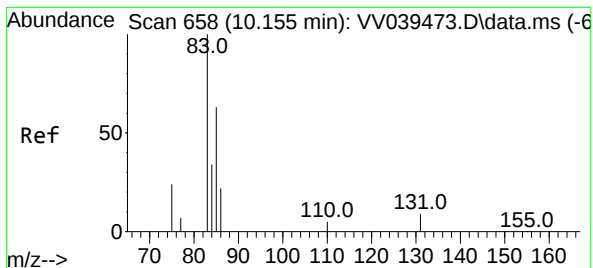
Tgt Ion: 84 Resp: 1408

Ion Ratio Lower Upper

84 100

86 63.4 44.4 82.5





#11

1,1,2,2-Tetrachloroethane

Concen: 0.173 ug/L

RT: 9.645 min Scan# 61

Delta R.T. -0.510 min

Lab File: VV039481.D

Acq: 05 Dec 2025 15:47

Instrument :

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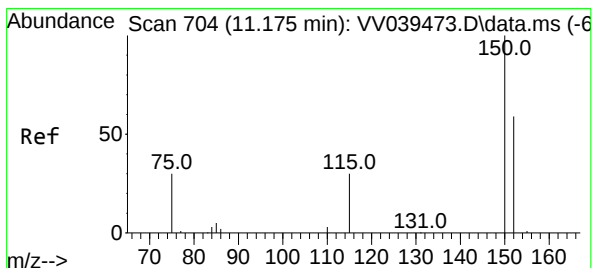
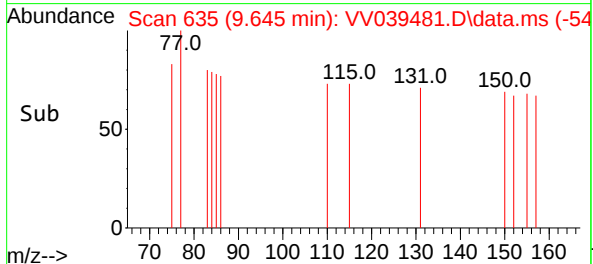
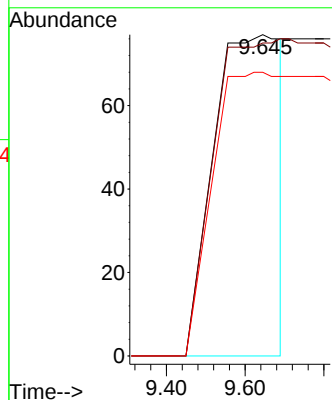
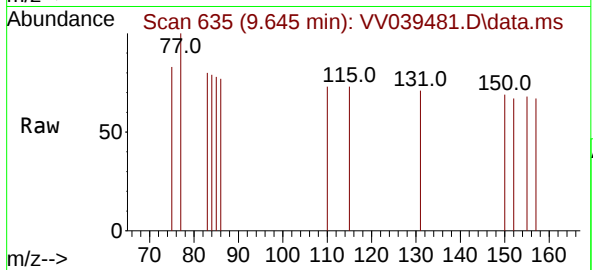
Tgt Ion: 83 Resp: 1013

Ion Ratio Lower Upper

83 100

85 129.4 51.0 76.6#

131 88.8 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: VV039481.D

Acq: 05 Dec 2025 15:47

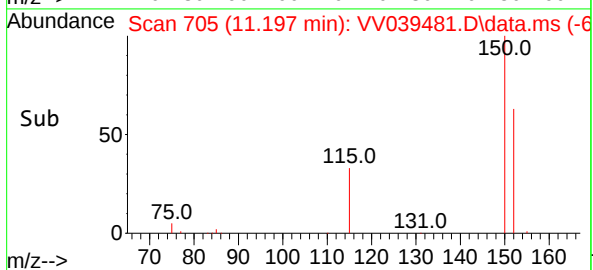
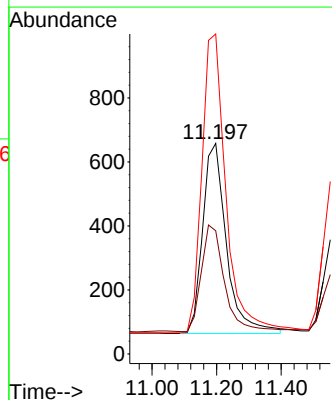
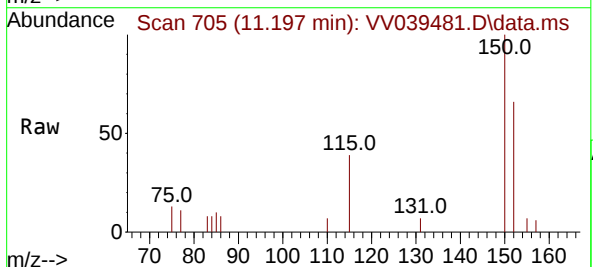
Tgt Ion: 152 Resp: 3054

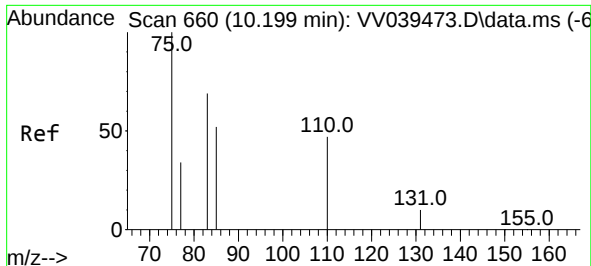
Ion Ratio Lower Upper

152 100

115 54.3 0.0 101.6

150 157.9 0.0 396.2





#13

1,2,3-Trichloropropane

Concen: 0.022 ug/L

RT: 10.288 min Scan# 660

Delta R.T. 0.089 min

Lab File: VV039481.D

Acq: 05 Dec 2025 15:47

Instrument :

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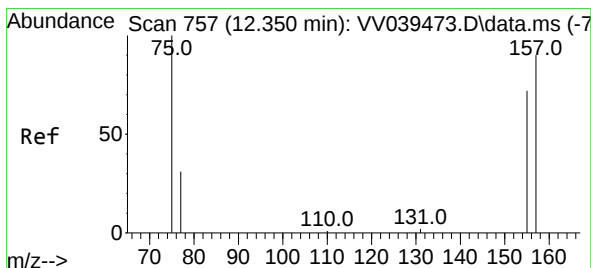
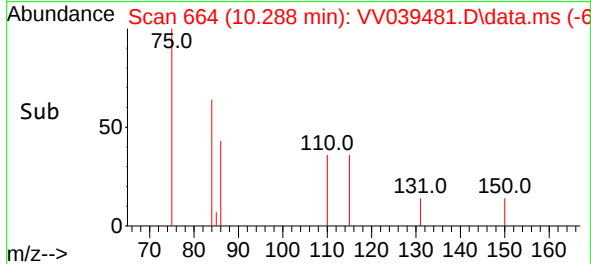
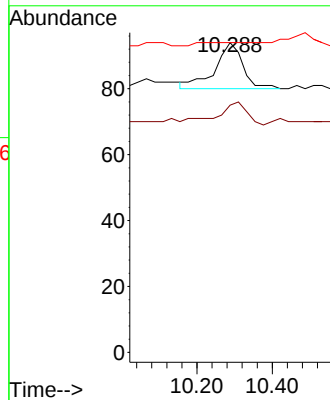
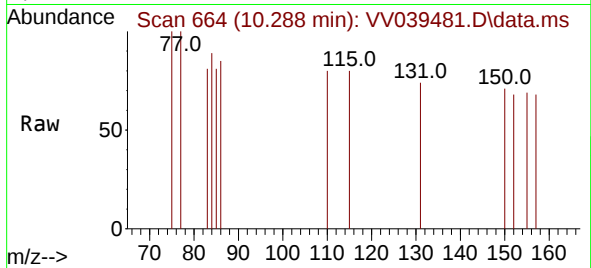
Tgt Ion: 75 Resp: 72

Ion Ratio Lower Upper

75 100

110 72.2 37.8 56.6#

77 0.0 25.6 38.4#



#14

1,2-Dibromo-3-chloropropane

Concen: 0.032 ug/L

RT: 12.528 min Scan# 765

Delta R.T. 0.177 min

Lab File: VV039481.D

Acq: 05 Dec 2025 15:47

Tgt Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

157 76.2 67.8 101.6

155 77.4 61.9 92.9

