

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039520.D
 Acq On : 10 Dec 2025 10:40
 Operator : SY/MD
 Sample : Q3788-08
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 00:05:37 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)

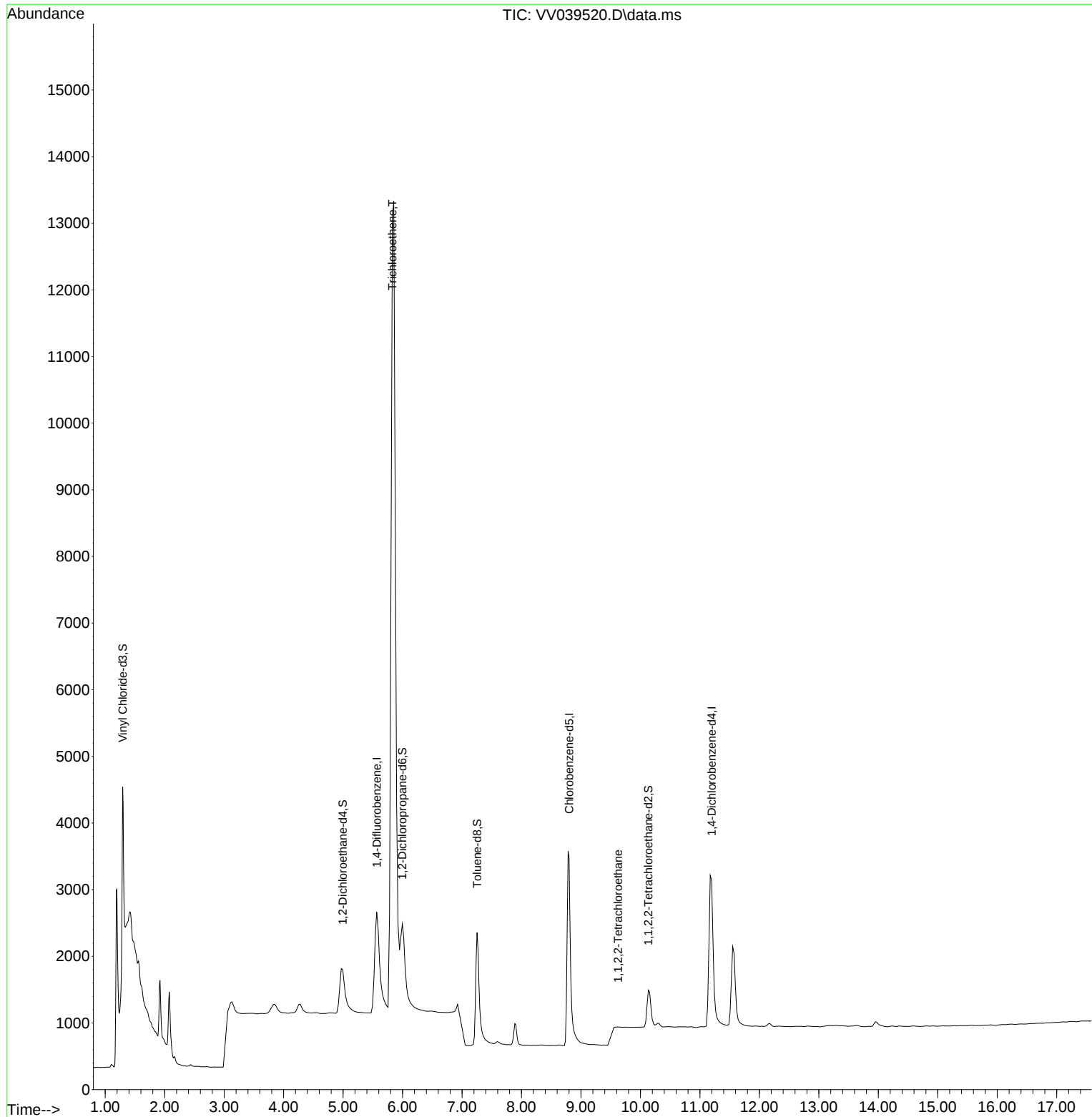
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6755	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6616	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	3449	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3530	0.532	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	106.000%
4) 1,2-Dichloroethane-d4	4.994	65	1966	0.437	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.000%
7) 1,2-Dichloropropane-d6	5.996	67	2210	0.396	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	80.000%
8) Toluene-d8	7.254	98	4208	0.447	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1600	0.509	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%
Target Compounds						
6) Trichloroethene	5.829	95	17417	2.171	ug/L	91
11) 1,1,2,2-Tetrachloroethane	9.623	83	909	0.137	ug/L #	37

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

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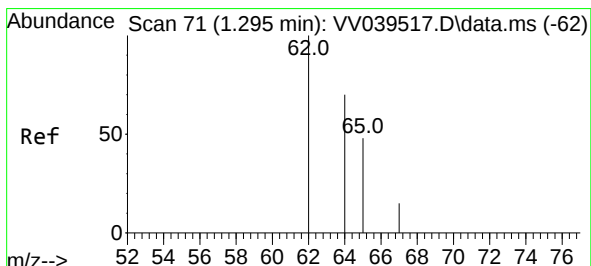
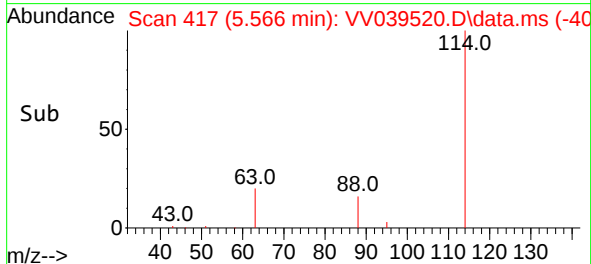
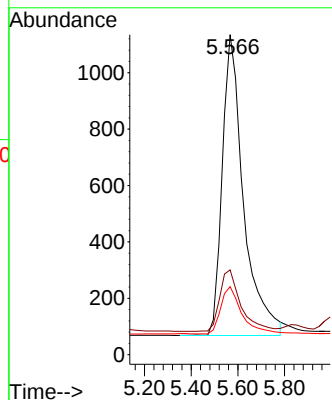
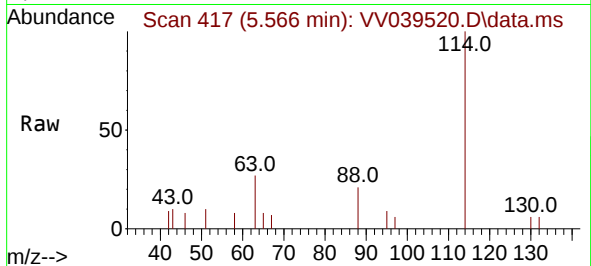




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039520.D
Acq: 10 Dec 2025 10:40

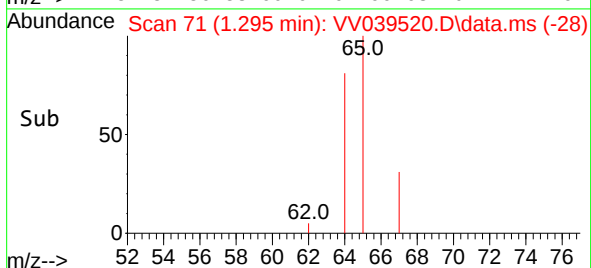
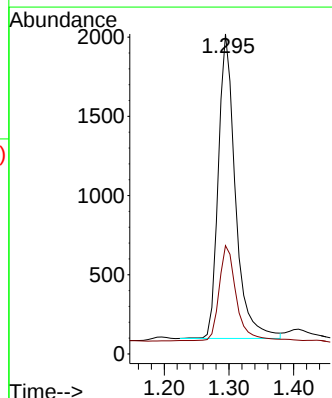
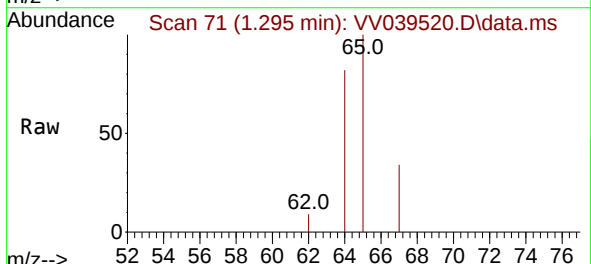
Instrument :
MSVOA_V
ClientSampleId :

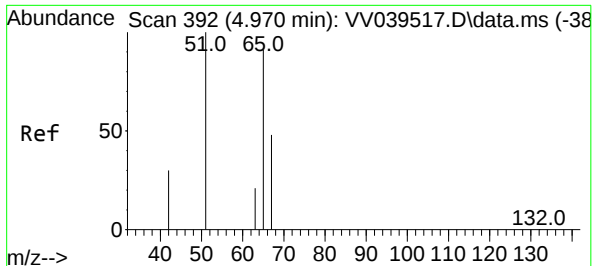
Tgt Ion:114 Resp: 6755
Ion Ratio Lower Upper
114 100
63 20.1 15.0 22.4
88 15.3 12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.532 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039520.D
Acq: 10 Dec 2025 10:40

Tgt Ion: 65 Resp: 3530
Ion Ratio Lower Upper
65 100
67 32.9 22.3 41.5

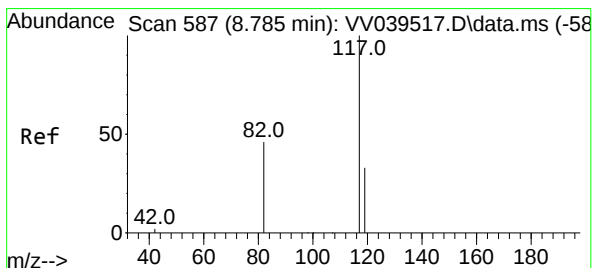
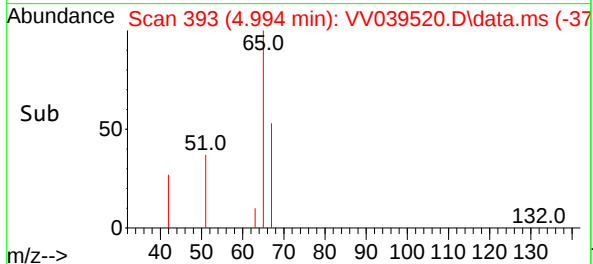
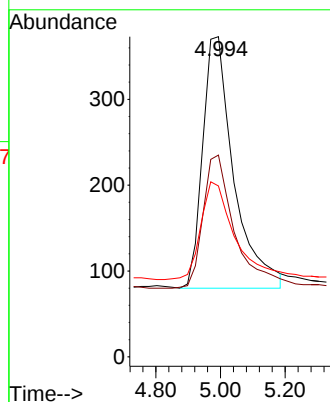
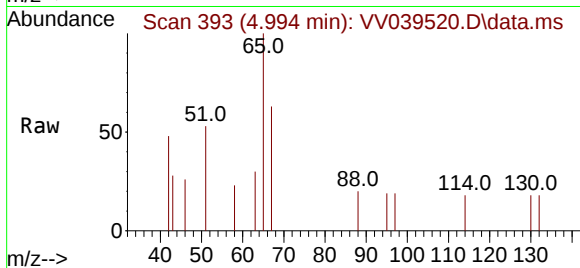




#4
1,2-Dichloroethane-d4
Concen: 0.437 ug/L
RT: 4.994 min Scan# 392
Delta R.T. 0.025 min
Lab File: VV039520.D
Acq: 10 Dec 2025 10:40

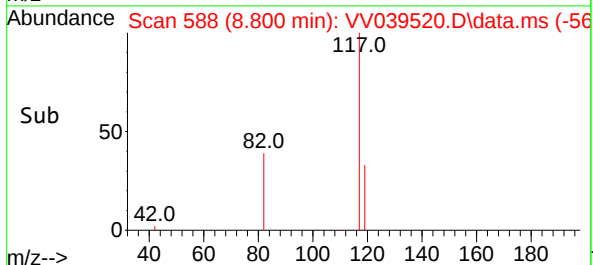
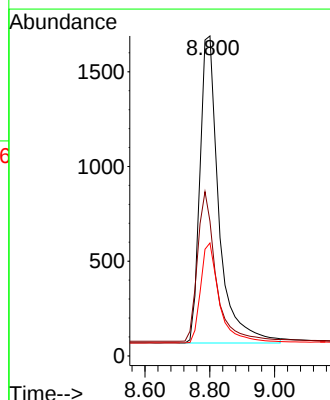
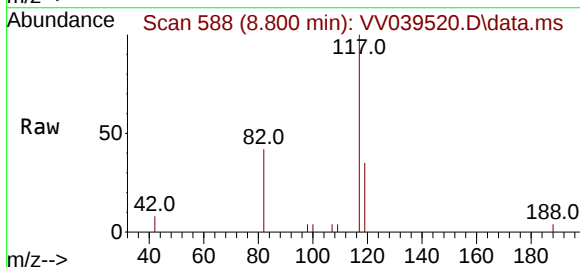
Instrument :
MSVOA_V
ClientSampleId :

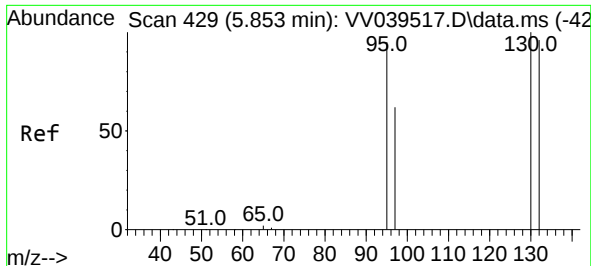
Tgt Ion: 65 Resp: 1966
Ion Ratio Lower Upper
65 100
67 53.5 32.5 60.3
51 42.1 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039520.D
Acq: 10 Dec 2025 10:40

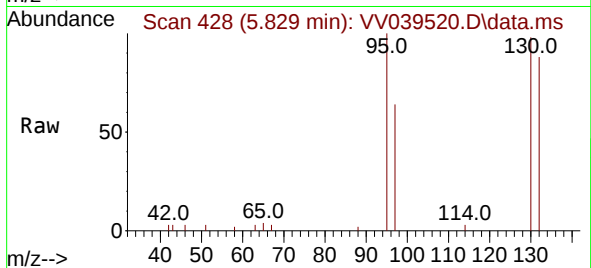
Tgt Ion:117 Resp: 6616
Ion Ratio Lower Upper
117 100
82 47.1 39.4 59.2
119 32.2 26.2 39.2



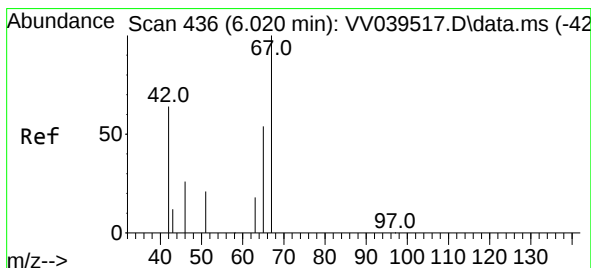
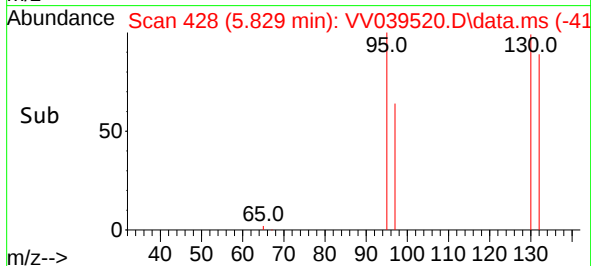
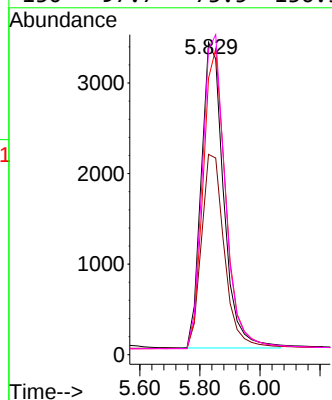


#6
 Trichloroethene
 Concen: 2.171 ug/L
 RT: 5.829 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VV039520.D
 Acq: 10 Dec 2025 10:40

Instrument :
 MSVOA_V
 ClientSampleId :

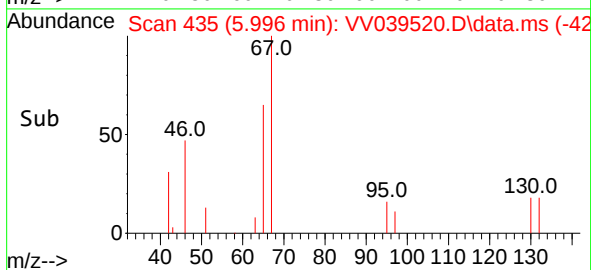
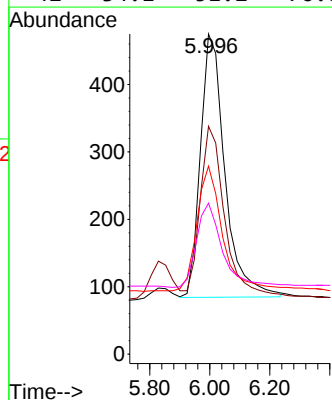
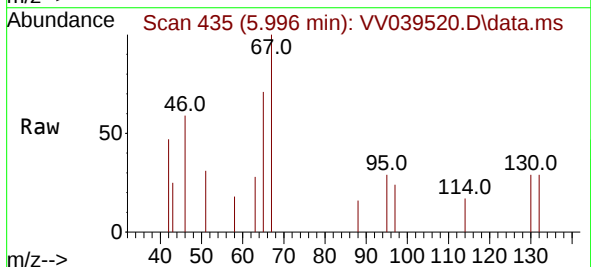


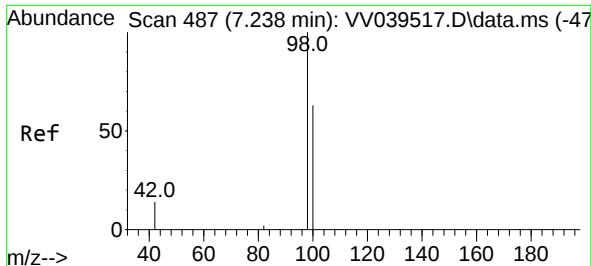
Tgt Ion: 95 Resp: 17417
 Ion Ratio Lower Upper
 95 100
 97 64.1 47.7 88.7
 132 88.4 70.8 131.4
 130 97.7 73.5 136.5



#7
 1,2-Dichloropropane-d6
 Concen: 0.396 ug/L
 RT: 5.996 min Scan# 435
 Delta R.T. -0.023 min
 Lab File: VV039520.D
 Acq: 10 Dec 2025 10:40

Tgt Ion: 67 Resp: 2210
 Ion Ratio Lower Upper
 67 100
 65 62.7 37.9 56.9#
 46 50.8 27.4 41.0#
 42 34.1 51.2 76.8#





#8

Toluene-d8

Concen: 0.447 ug/L

RT: 7.254 min Scan# 488

Delta R.T. 0.016 min

Lab File: VV039520.D

Acq: 10 Dec 2025 10:40

Instrument :

MSVOA_V

ClientSampleId :

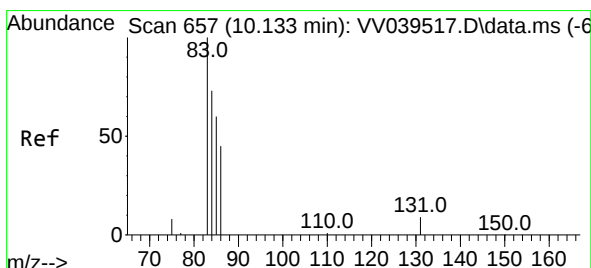
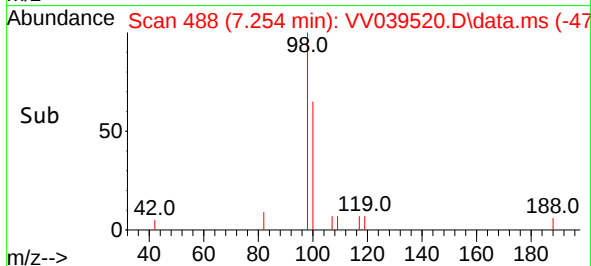
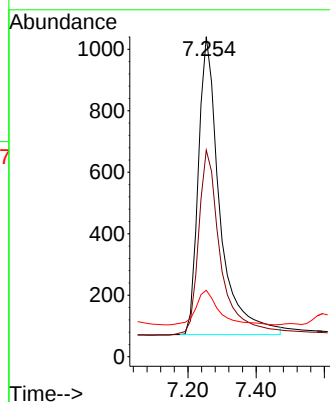
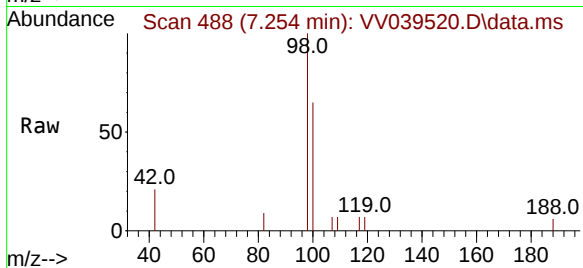
Tgt Ion: 98 Resp: 4208

Ion Ratio Lower Upper

98 100

100 63.0 44.5 82.7

42 12.1 10.1 18.7



#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.509 ug/L

RT: 10.133 min Scan# 657

Delta R.T. -0.000 min

Lab File: VV039520.D

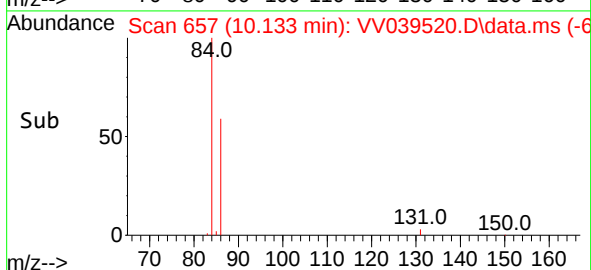
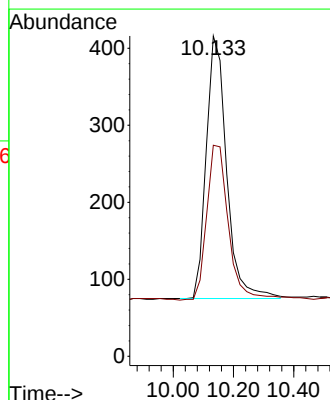
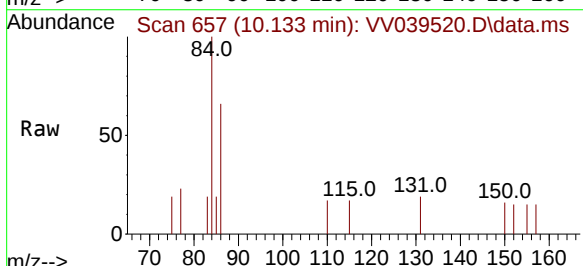
Acq: 10 Dec 2025 10:40

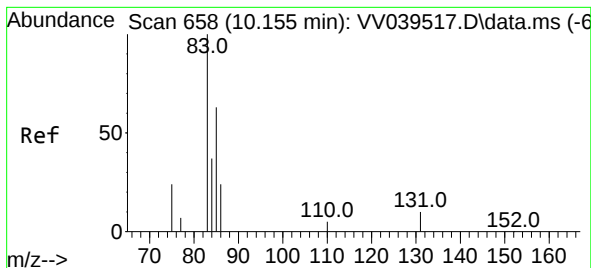
Tgt Ion: 84 Resp: 1600

Ion Ratio Lower Upper

84 100

86 63.1 44.4 82.5





#11

1,1,2,2-Tetrachloroethane

Concen: 0.137 ug/L

RT: 9.623 min Scan# 61

Delta R.T. -0.532 min

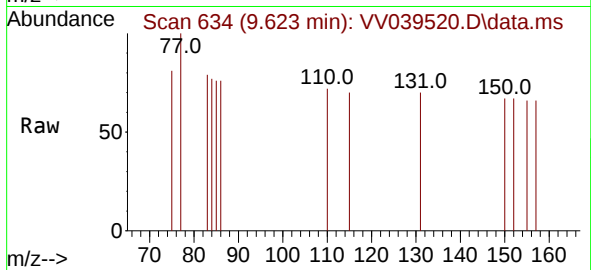
Lab File: VV039520.D

Acq: 10 Dec 2025 10:40

Instrument :

MSVOA_V

ClientSampleId :



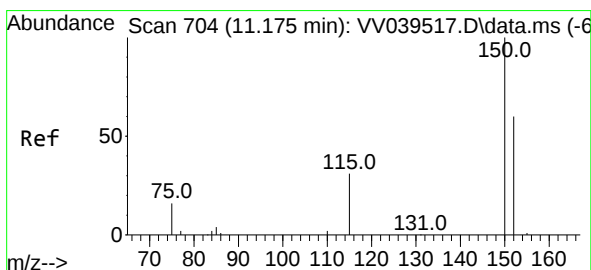
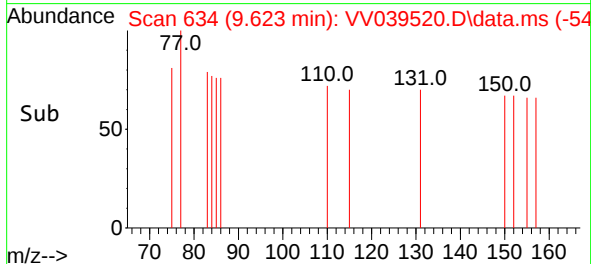
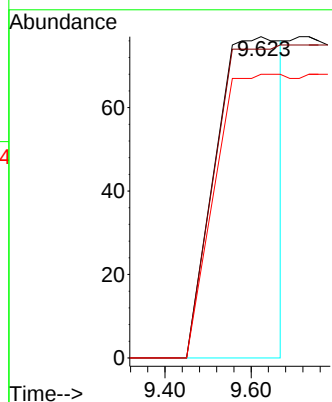
Tgt Ion: 83 Resp: 909

Ion Ratio Lower Upper

83 100

85 36.7 51.0 76.6#

131 99.2 8.6 12.8#



#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.198 min Scan# 705

Delta R.T. 0.022 min

Lab File: VV039520.D

Acq: 10 Dec 2025 10:40

Tgt Ion: 152 Resp: 3449

Ion Ratio Lower Upper

152 100

115 53.6 0.0 101.6

150 159.8 0.0 396.2

