

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039512.D
 Acq On : 09 Dec 2025 18:09
 Operator : SY/MD
 Sample : Q3787-20
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OW-02B-21.2-120425-SIM

Quant Time: Dec 10 01:18:21 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)

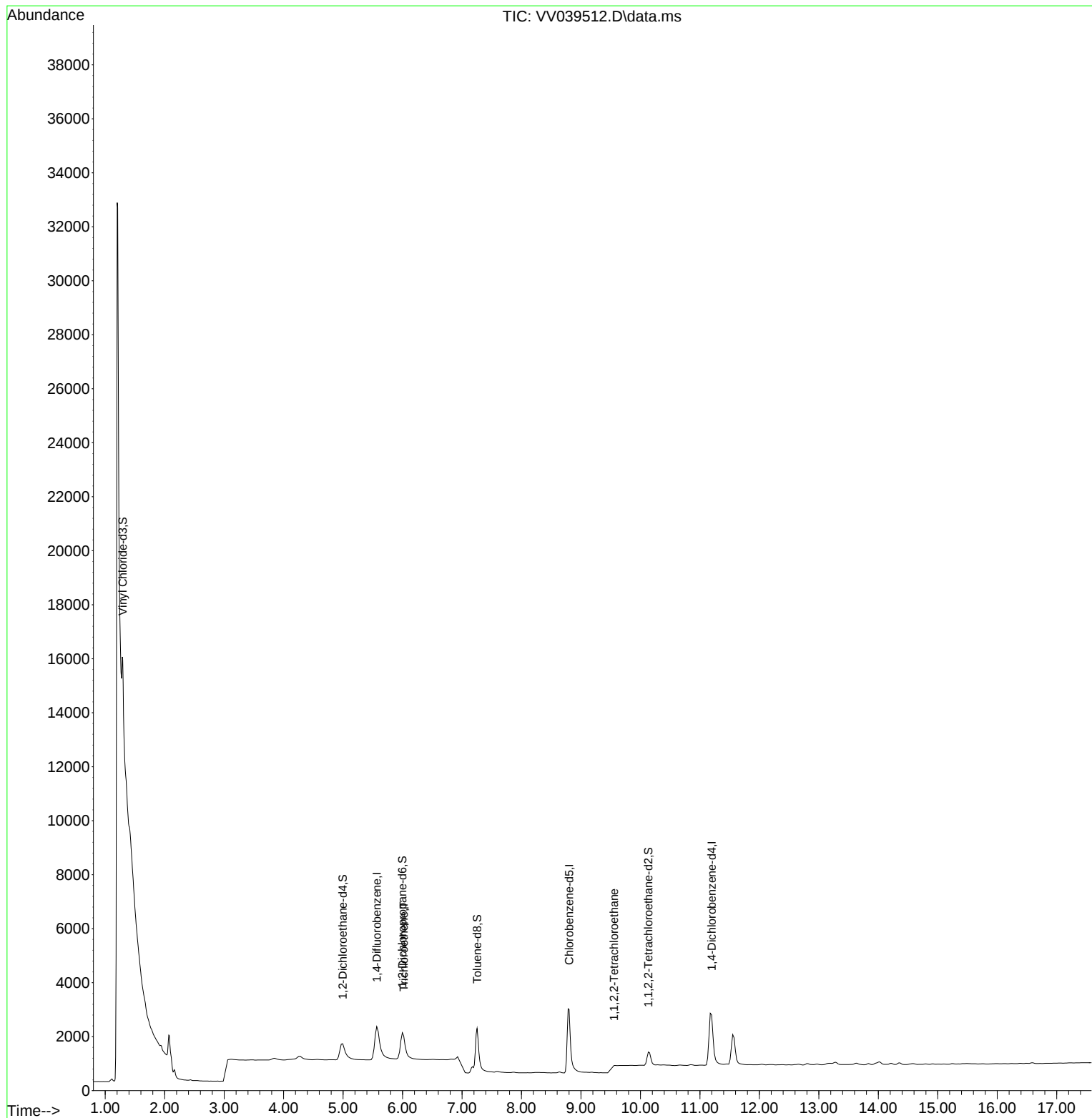
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5439	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5451	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2889	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	4271	0.800	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	160.000%#
4) 1,2-Dichloroethane-d4	4.993	65	1705	0.471	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
7) 1,2-Dichloropropane-d6	5.996	67	2050	0.446	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	90.000%
8) Toluene-d8	7.254	98	3897	0.502	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1384	0.534	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	106.000%
Target Compounds						
						Qvalue
6) Trichloroethene	6.019	95	147	0.022	ug/L #	72
11) 1,1,2,2-Tetrachloroethane	9.556	83	675	0.123	ug/L #	45

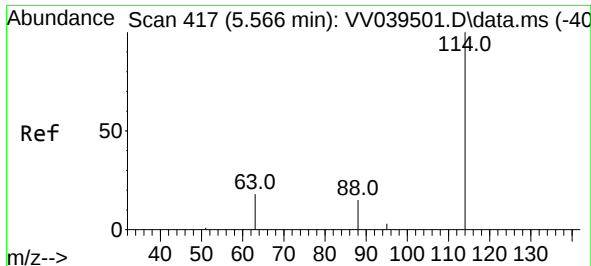
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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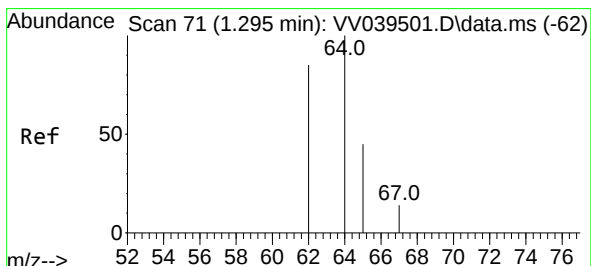
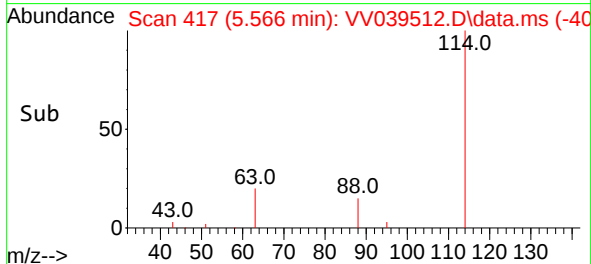
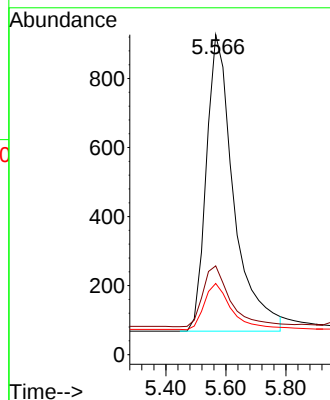
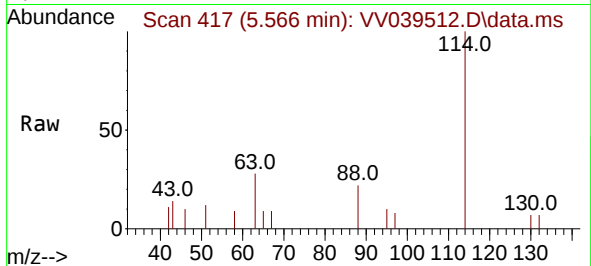




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039512.D
Acq: 09 Dec 2025 18:09

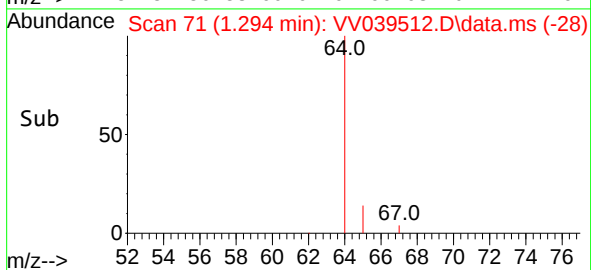
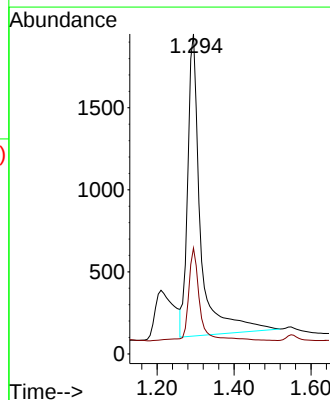
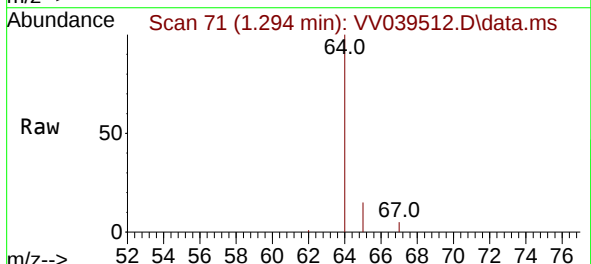
Instrument :
MSVOA_V
ClientSampleId :
OW-02B-21.2-120425-SIM

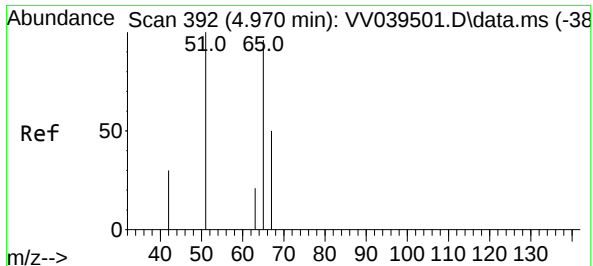
Tgt Ion:	114	Resp:	5439
Ion	Ratio	Lower	Upper
114	100		
63	20.6	15.0	22.4
88	15.3	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.800 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039512.D
Acq: 09 Dec 2025 18:09

Tgt Ion:	65	Resp:	4271
Ion	Ratio	Lower	Upper
65	100		
67	27.1	22.3	41.5

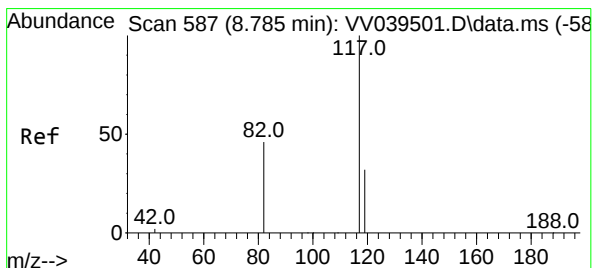
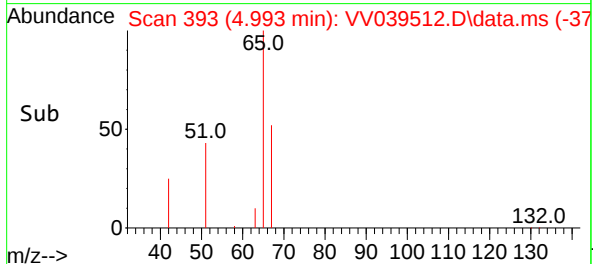
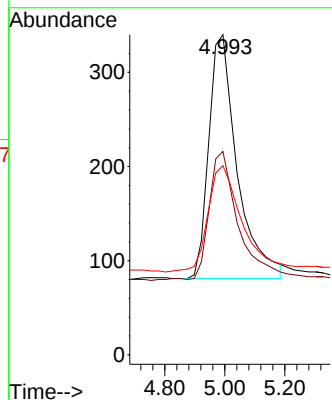
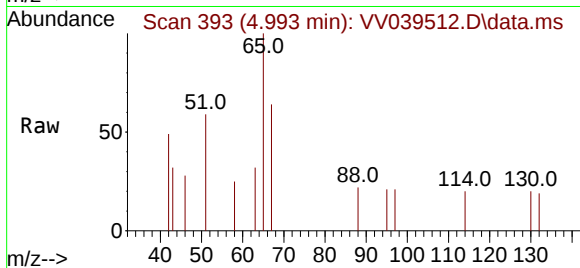




#4
1,2-Dichloroethane-d4
Concen: 0.471 ug/L
RT: 4.993 min Scan# 392
Delta R.T. 0.024 min
Lab File: VV039512.D
Acq: 09 Dec 2025 18:09

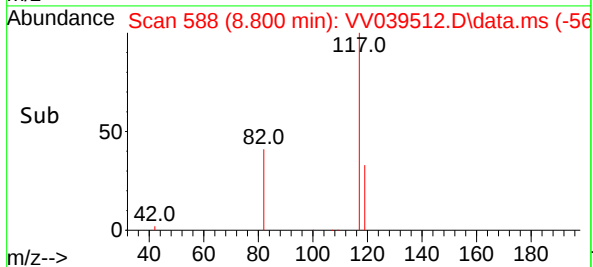
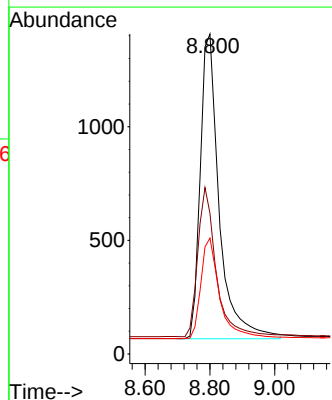
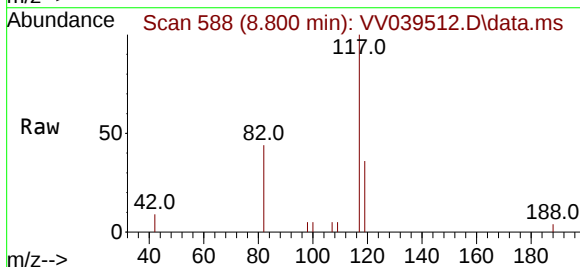
Instrument :
MSVOA_V
ClientSampleId :
OW-02B-21.2-120425-SIM

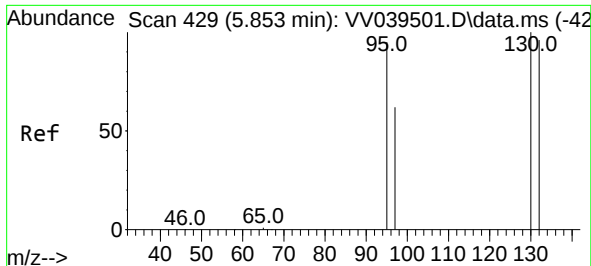
Tgt Ion: 65 Resp: 1705
Ion Ratio Lower Upper
65 100
67 54.9 32.5 60.3
51 51.8 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039512.D
Acq: 09 Dec 2025 18:09

Tgt Ion: 117 Resp: 5451
Ion Ratio Lower Upper
117 100
82 47.5 39.4 59.2
119 32.7 26.2 39.2





#6

Trichloroethene

Concen: 0.022 ug/L

RT: 6.019 min Scan# 41

Delta R.T. 0.167 min

Lab File: VV039512.D

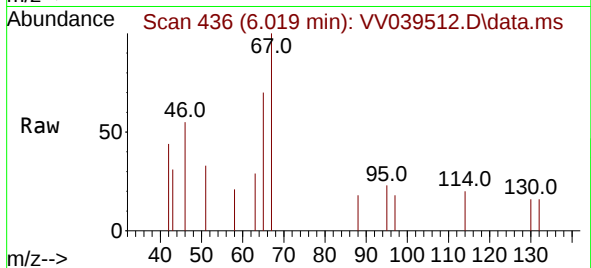
Acq: 09 Dec 2025 18:09

Instrument :

MSVOA_V

ClientSampleId :

OW-02B-21.2-120425-SIM



Tgt Ion: 95 Resp: 147

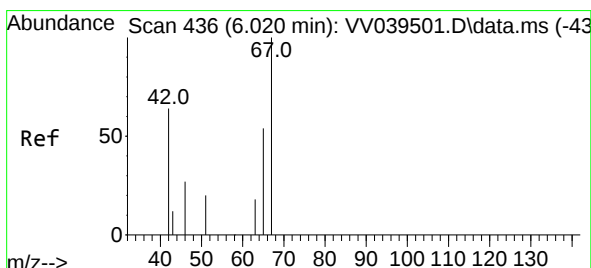
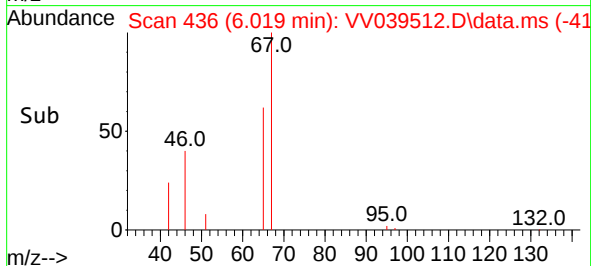
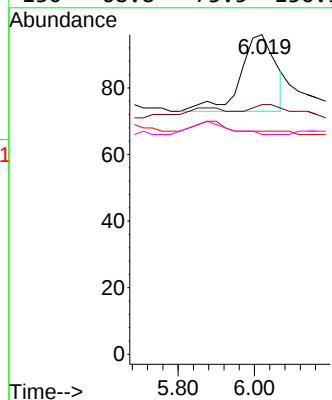
Ion Ratio Lower Upper

95 100

97 78.1 47.7 88.7

132 69.8 70.8 131.4#

130 68.8 73.5 136.5#



#7

1,2-Dichloropropane-d6

Concen: 0.446 ug/L

RT: 5.996 min Scan# 435

Delta R.T. -0.023 min

Lab File: VV039512.D

Acq: 09 Dec 2025 18:09

Tgt Ion: 67 Resp: 2050

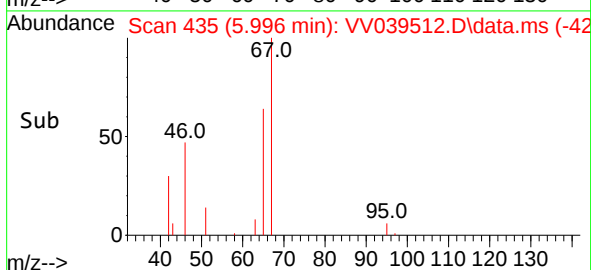
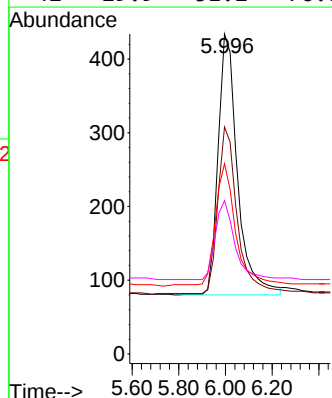
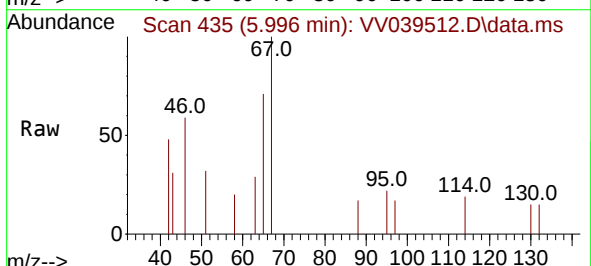
Ion Ratio Lower Upper

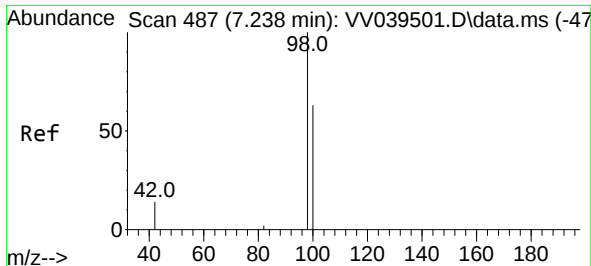
67 100

65 63.0 37.9 56.9#

46 48.2 27.4 41.0#

42 29.9 51.2 76.8#





#8

Toluene-d8

Concen: 0.502 ug/L

RT: 7.254 min Scan# 488

Delta R.T. 0.016 min

Lab File: VV039512.D

Acq: 09 Dec 2025 18:09

Instrument :

MSVOA_V

ClientSampleId :

OW-02B-21.2-120425-SIM

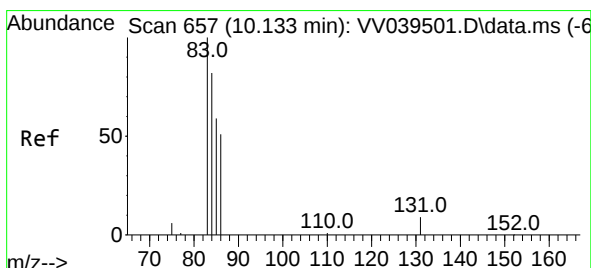
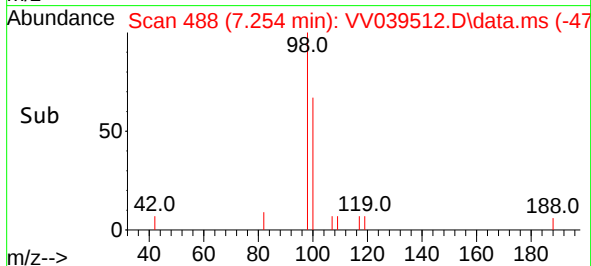
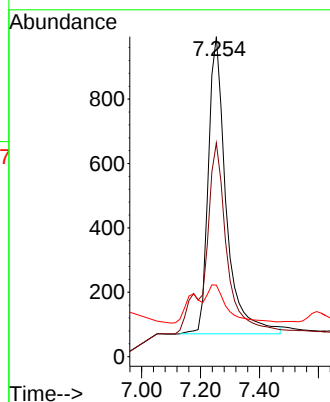
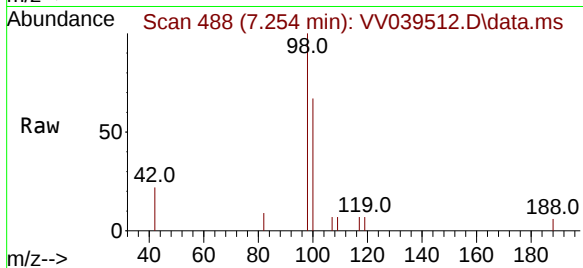
Tgt Ion: 98 Resp: 3897

Ion Ratio Lower Upper

98 100

100 77.0 44.5 82.7

42 13.7 10.1 18.7



#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.534 ug/L

RT: 10.133 min Scan# 657

Delta R.T. -0.000 min

Lab File: VV039512.D

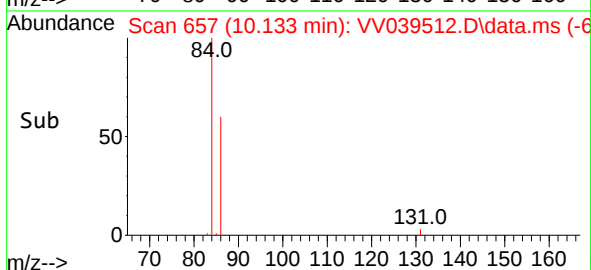
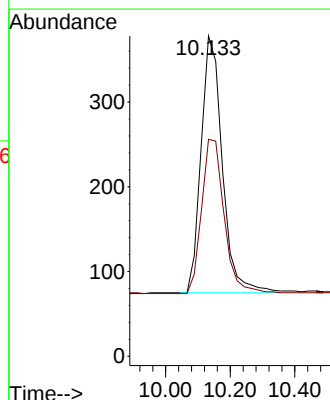
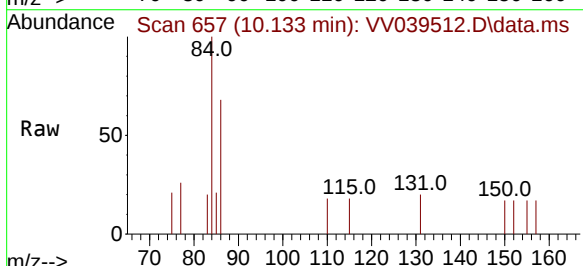
Acq: 09 Dec 2025 18:09

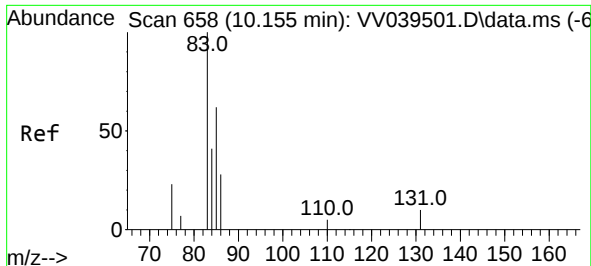
Tgt Ion: 84 Resp: 1384

Ion Ratio Lower Upper

84 100

86 63.9 44.4 82.5

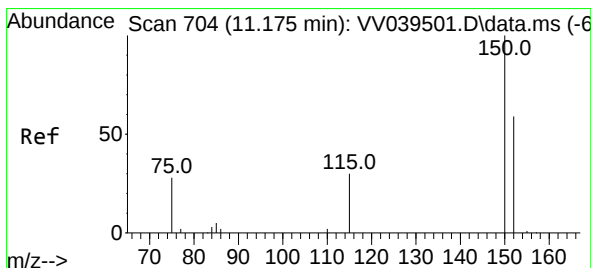
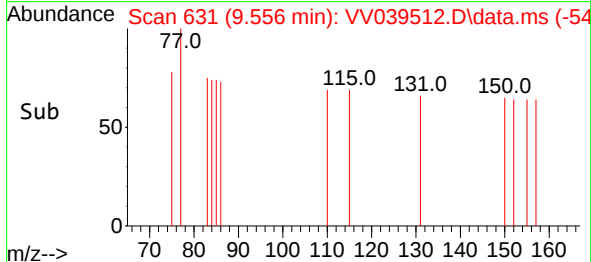
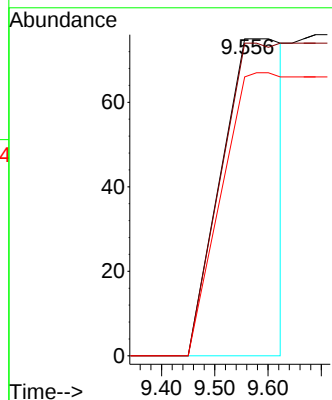
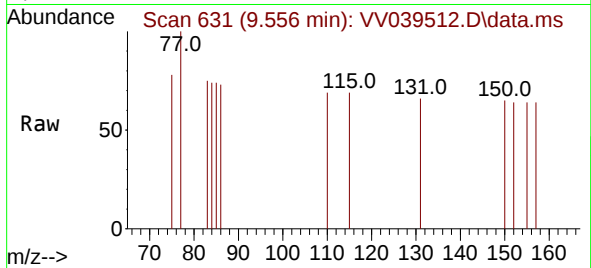




#11
1,1,2,2-Tetrachloroethane
Concen: 0.123 ug/L
RT: 9.556 min Scan# 611
Delta R.T. -0.599 min
Lab File: VV039512.D
Acq: 09 Dec 2025 18:09

Instrument :
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Tgt Ion: 83 Resp: 675
Ion Ratio Lower Upper
83 100
85 81.5 51.0 76.6#
131 103.6 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: VV039512.D
Acq: 09 Dec 2025 18:09

Tgt Ion: 152 Resp: 2889
Ion Ratio Lower Upper
152 100
115 55.4 0.0 101.6
150 159.6 0.0 396.2

