

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039468.D
 Acq On : 04 Dec 2025 15:03
 Operator : SY/MD
 Sample : Q3756-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 OW-04B-26.5-120225-SIMRE

Quant Time: Dec 05 00:10:16 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)

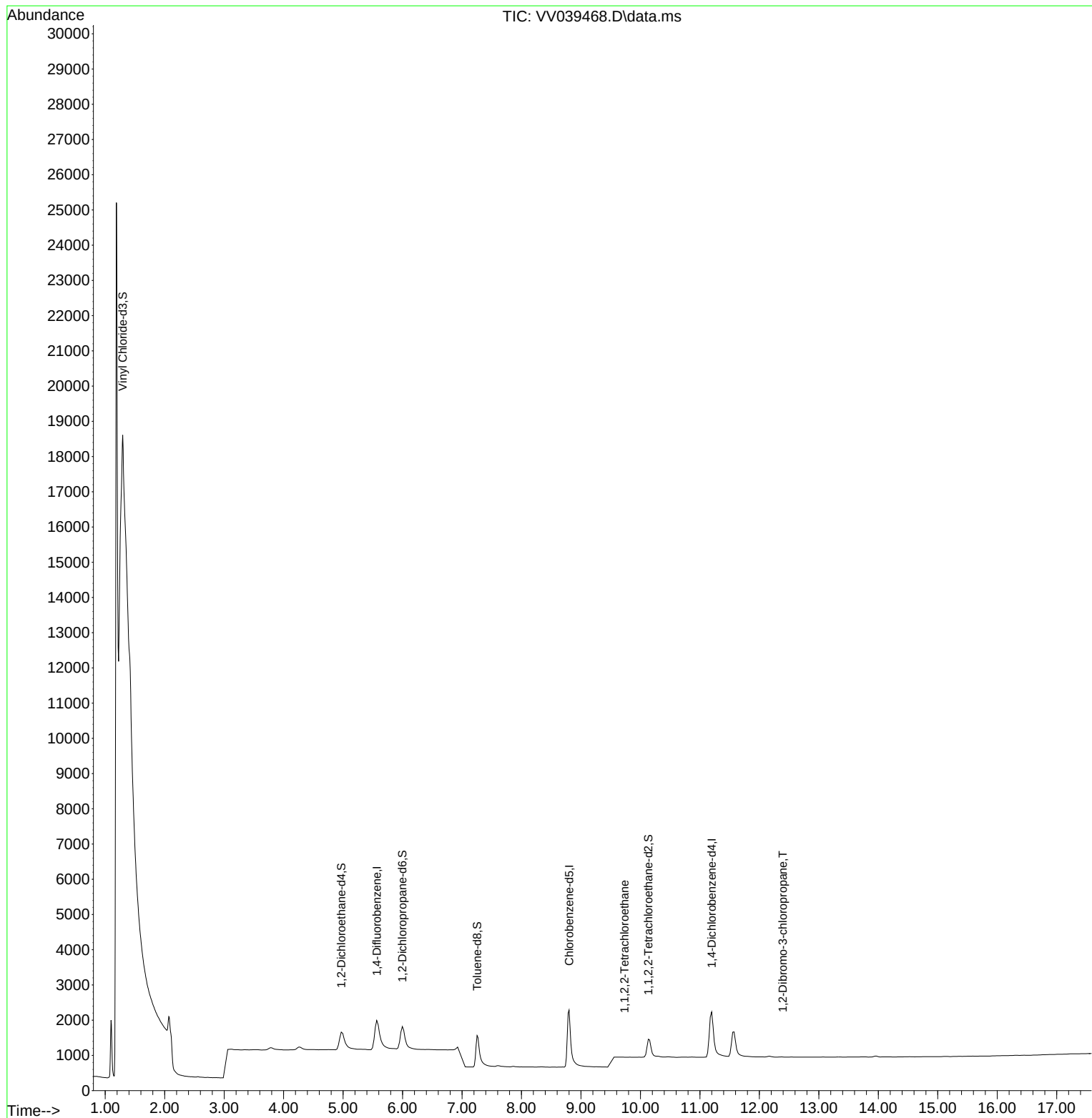
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	3823	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	3906	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2028	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	2733	0.711	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	142.000%#
4) 1,2-Dichloroethane-d4	4.969	65	1499	0.589	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	118.000%
7) 1,2-Dichloropropane-d6	5.995	67	1414	0.429	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	86.000%
8) Toluene-d8	7.253	98	2475	0.445	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1480	0.797	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	160.000%#
Target Compounds						
						Qvalue
11) 1,1,2,2-Tetrachloroethane	9.733	83	1856	0.474	ug/L	# 71
14) 1,2-Dibromo-3-chloropr...	12.395	75	15	0.035	ug/L	96

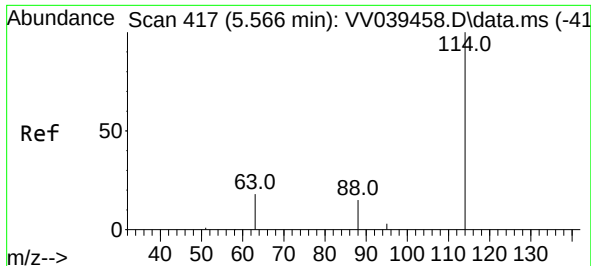
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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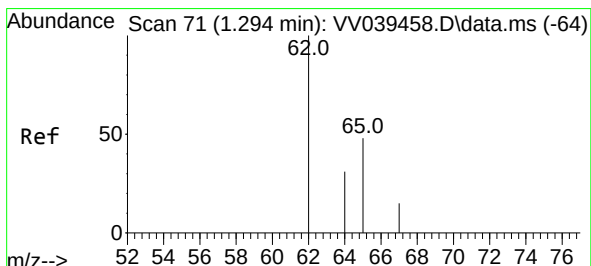
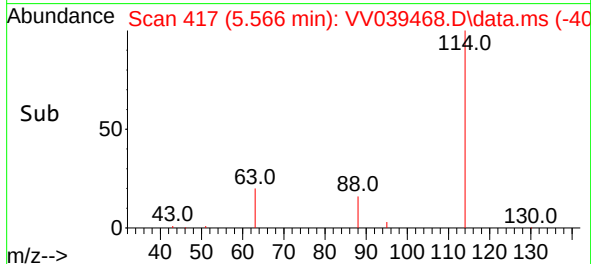
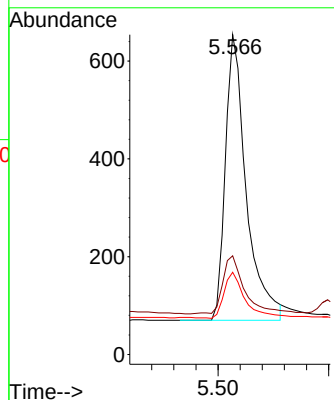
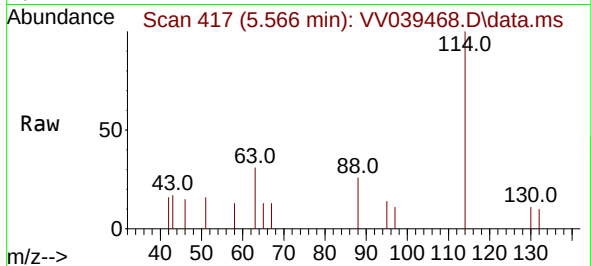




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039468.D
Acq: 04 Dec 2025 15:03

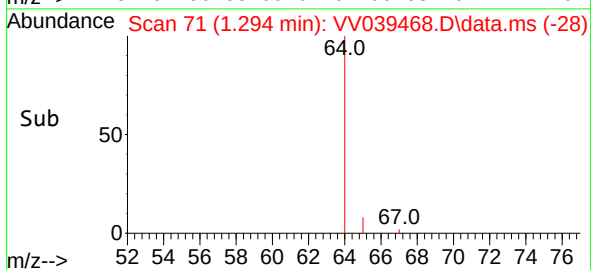
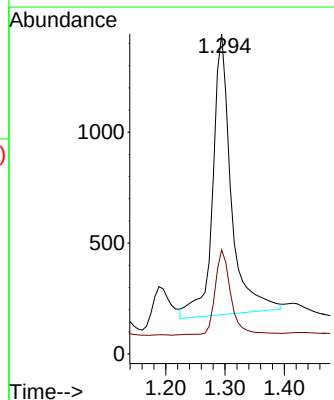
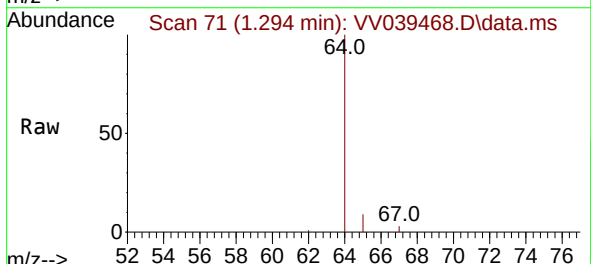
Instrument :
MSVOA_V
ClientSampleId :
OW-04B-26.5-120225-SIMRE

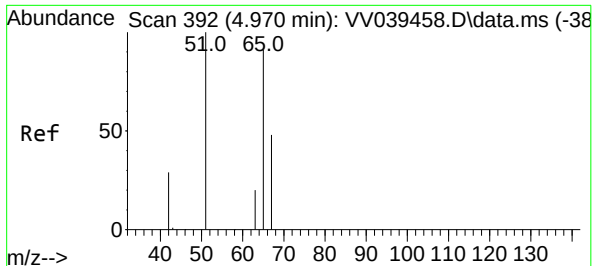
Tgt Ion:	114	Resp:	3823
Ion	Ratio	Lower	Upper
114	100		
63	20.8	15.0	22.4
88	15.5	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.711 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039468.D
Acq: 04 Dec 2025 15:03

Tgt Ion:	65	Resp:	2733
Ion	Ratio	Lower	Upper
65	100		
67	26.6	22.3	41.5

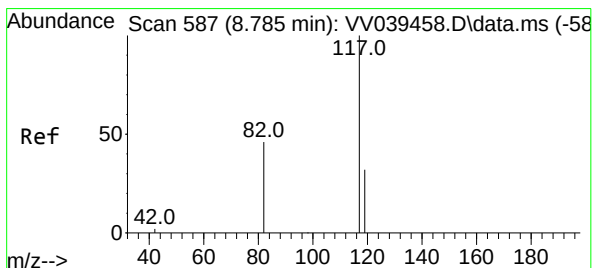
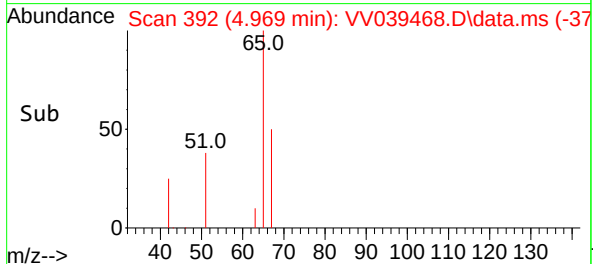
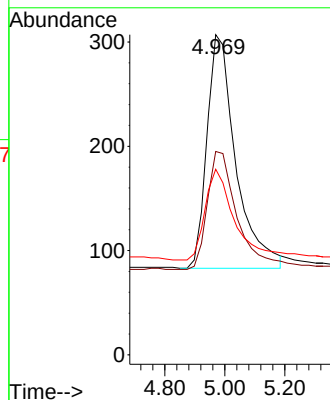
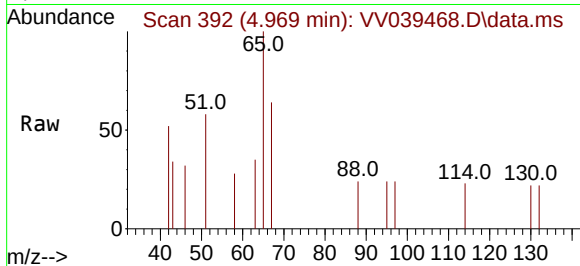




#4
1,2-Dichloroethane-d4
Concen: 0.589 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039468.D
Acq: 04 Dec 2025 15:03

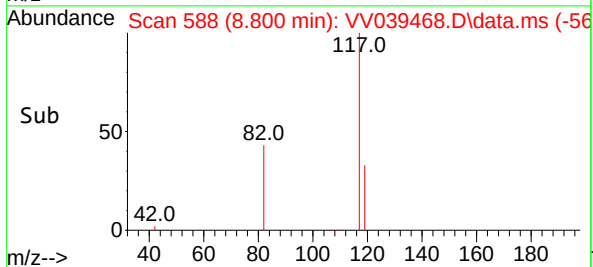
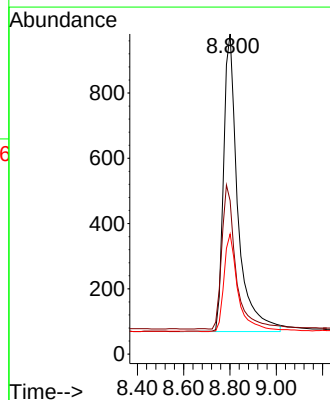
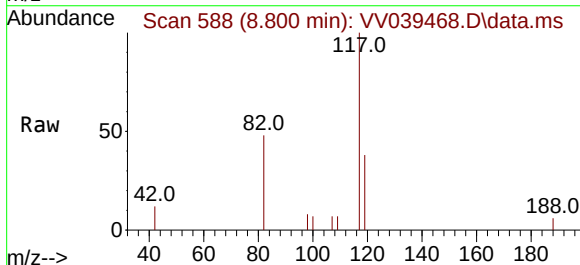
Instrument : MSVOA_V
ClientSampleId : OW-04B-26.5-120225-SIMRE

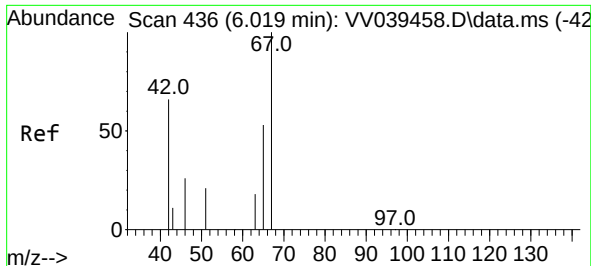
Tgt Ion: 65 Resp: 1499
Ion Ratio Lower Upper
65 100
67 52.0 32.5 60.3
51 39.6 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.015 min
Lab File: VV039468.D
Acq: 04 Dec 2025 15:03

Tgt Ion: 117 Resp: 3906
Ion Ratio Lower Upper
117 100
82 47.6 39.4 59.2
119 32.4 26.2 39.2

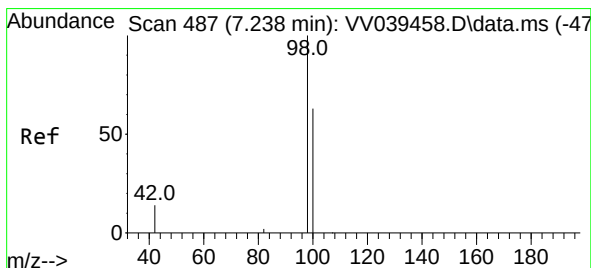
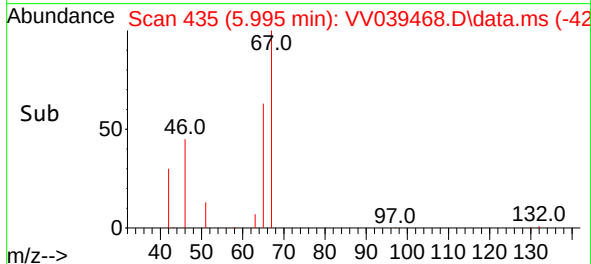
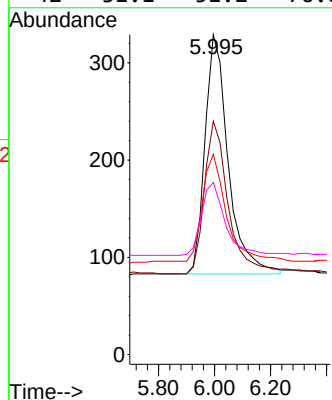
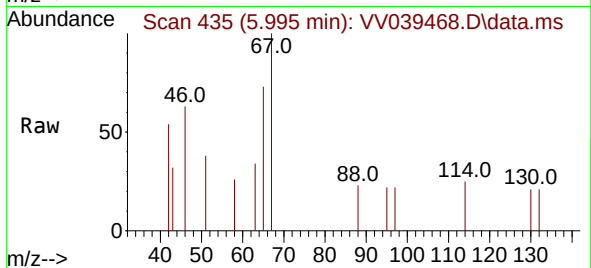




#7
1,2-Dichloropropane-d6
Concen: 0.429 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039468.D
Acq: 04 Dec 2025 15:03

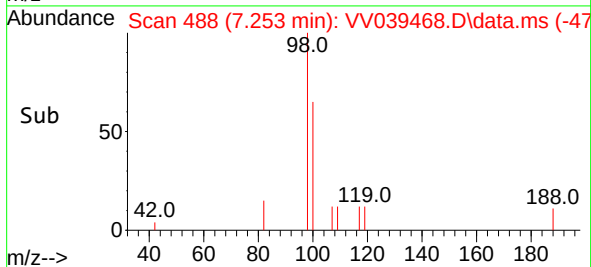
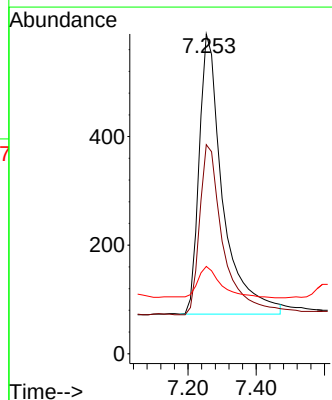
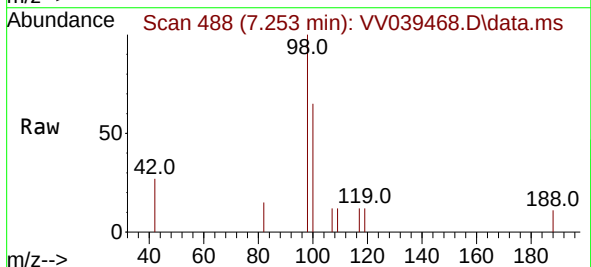
Instrument :
MSVOA_V
ClientSampleId :
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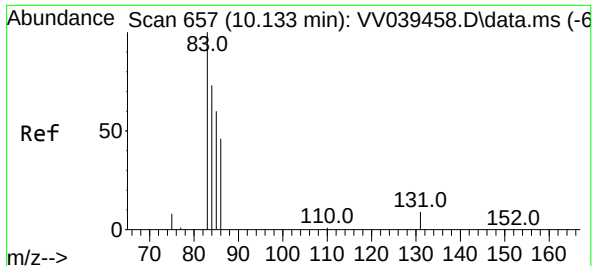
Tgt Ion:	67	Resp:	1414
Ion	Ratio	Lower	Upper
67	100		
65	65.2	37.9	56.9#
46	45.9	27.4	41.0#
42	31.1	51.2	76.8#



#8
Toluene-d8
Concen: 0.445 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039468.D
Acq: 04 Dec 2025 15:03

Tgt Ion:	98	Resp:	2475
Ion	Ratio	Lower	Upper
98	100		
100	61.0	44.5	82.7
42	11.0	10.1	18.7

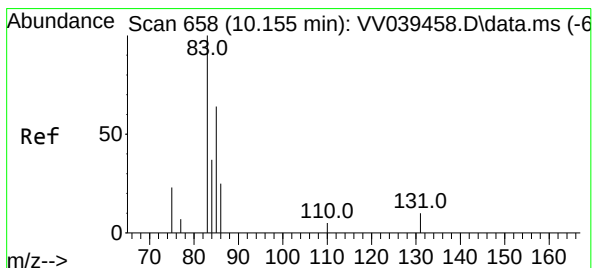
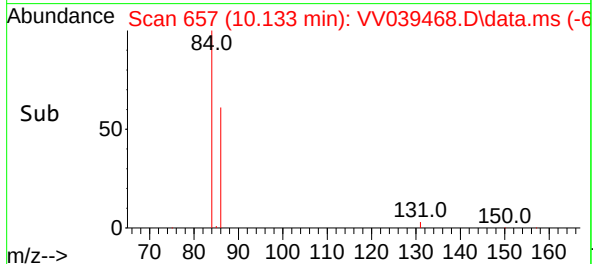
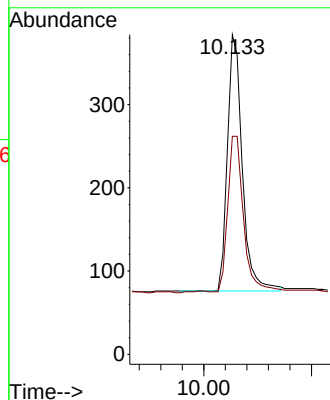
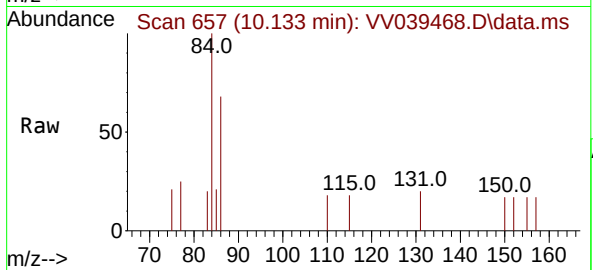




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.797 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039468.D
Acq: 04 Dec 2025 15:03

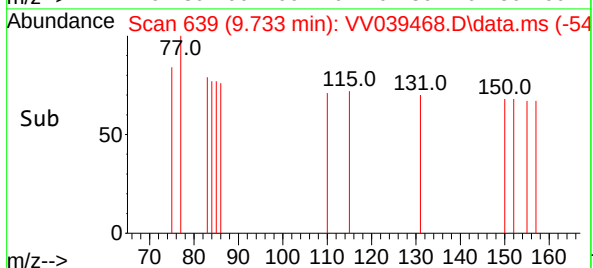
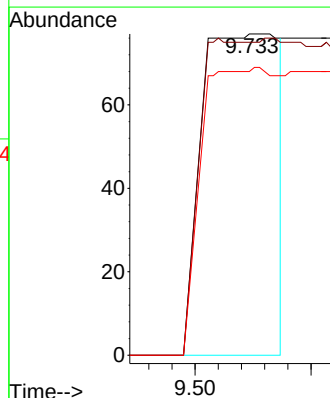
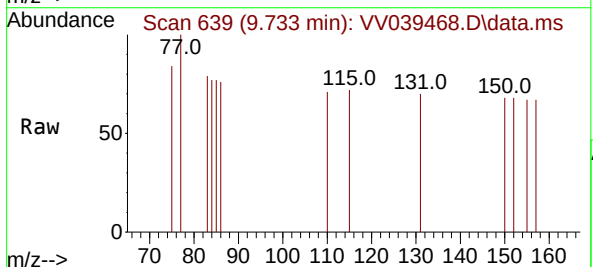
Instrument :
MSVOA_V
ClientSampleId :
OW-04B-26.5-120225-SIMRE

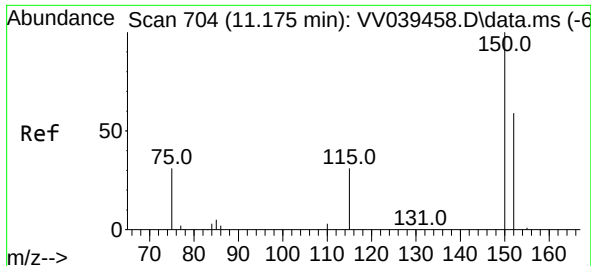
Tgt Ion: 84 Resp: 1480
Ion Ratio Lower Upper
84 100
86 64.2 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.474 ug/L
RT: 9.733 min Scan# 639
Delta R.T. -0.421 min
Lab File: VV039468.D
Acq: 04 Dec 2025 15:03

Tgt Ion: 83 Resp: 1856
Ion Ratio Lower Upper
83 100
85 42.6 51.0 76.6#
131 26.1 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: VV039468.D

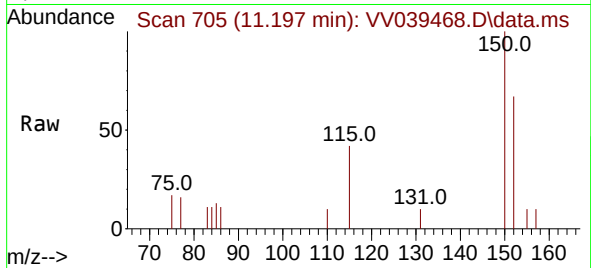
Acq: 04 Dec 2025 15:03

Instrument :

MSVOA_V

ClientSampleId :

OW-04B-26.5-120225-SIMRE



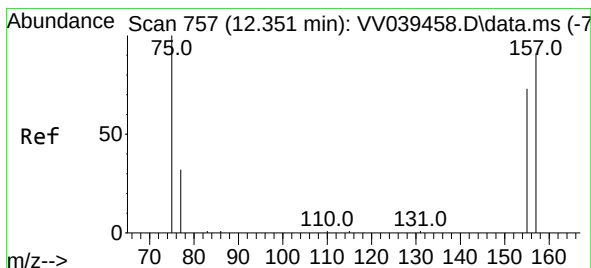
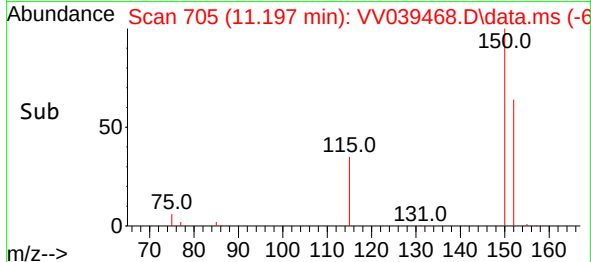
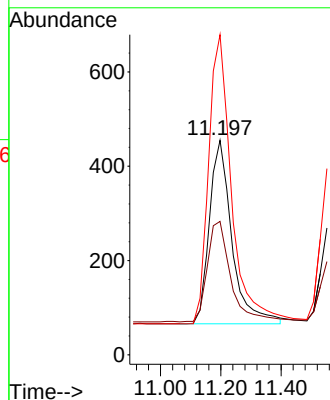
Tgt Ion:152 Resp: 2028

Ion Ratio Lower Upper

152 100

115 56.5 0.0 101.6

150 159.2 0.0 396.2



#14

1,2-Dibromo-3-chloropropane

Concen: 0.035 ug/L

RT: 12.395 min Scan# 759

Delta R.T. 0.044 min

Lab File: VV039468.D

Acq: 04 Dec 2025 15:03

Tgt Ion: 75 Resp: 15

Ion Ratio Lower Upper

75 100

157 79.5 67.8 101.6

155 79.5 61.9 92.9

