

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
 Data File : VV039501.D
 Acq On : 09 Dec 2025 13:58
 Operator : SY/MD
 Sample : VSTDCCC0.5
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5339

Quant Time: Dec 10 01:14:26 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)

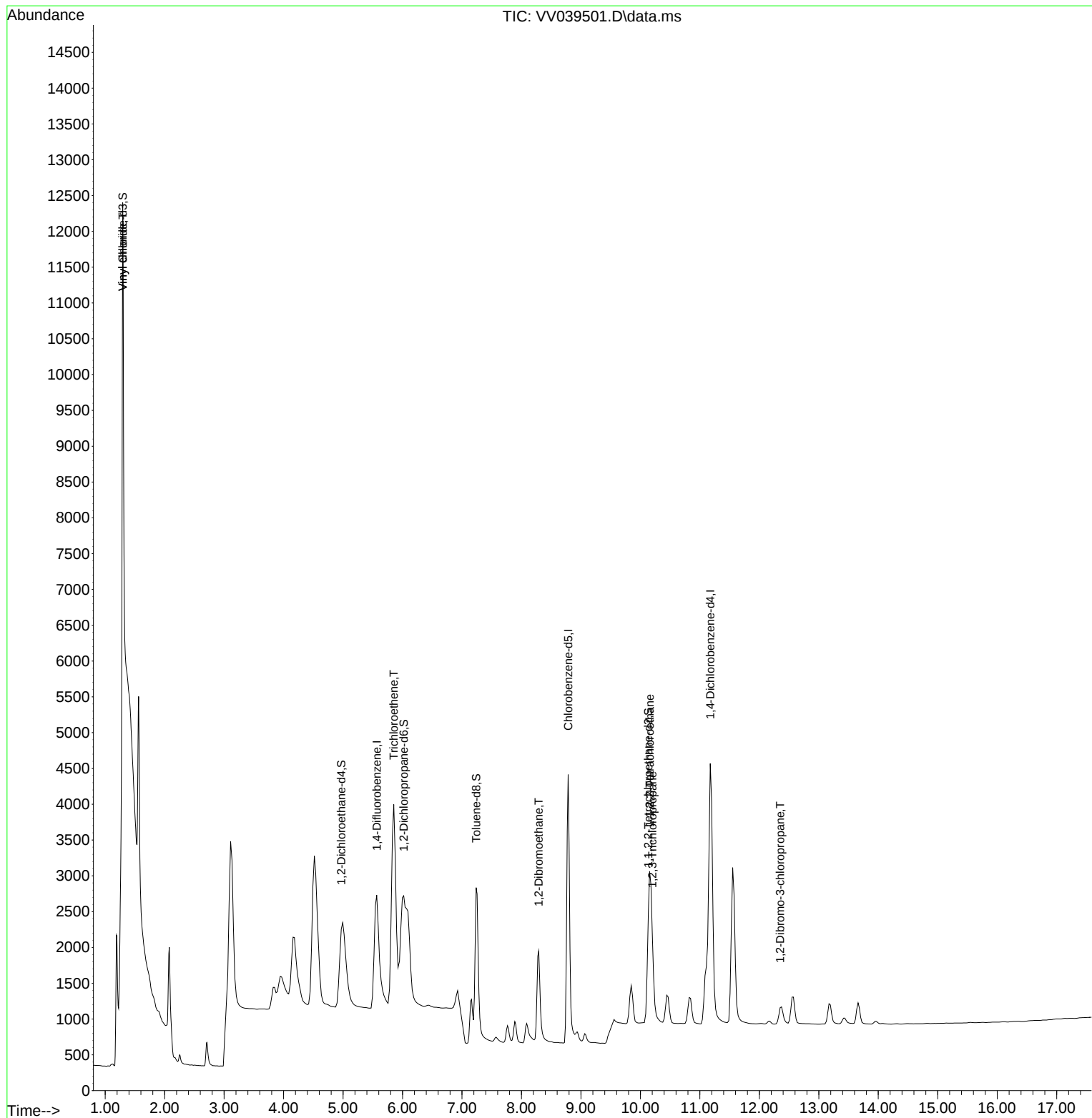
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7231	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7043	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3954	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3924	0.553	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	110.000%
4) 1,2-Dichloroethane-d4	4.970	65	2239	0.465	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	6.020	67	3019	0.508	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	102.000%
8) Toluene-d8	7.238	98	4925	0.491	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1710	0.511	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.295	62	6968	0.445	ug/L	# 1
6) Trichloroethene	5.853	95	4099	0.480	ug/L	99
9) 1,2-Dibromoethane	8.290	107	2434	0.422	ug/L	99
11) 1,1,2,2-Tetrachloroethane	10.155	83	3319	0.470	ug/L	99
13) 1,2,3-Trichloropropane	10.200	75	1855	0.459	ug/L	97
14) 1,2-Dibromo-3-chloropr...	12.351	75	362	0.430	ug/L	99

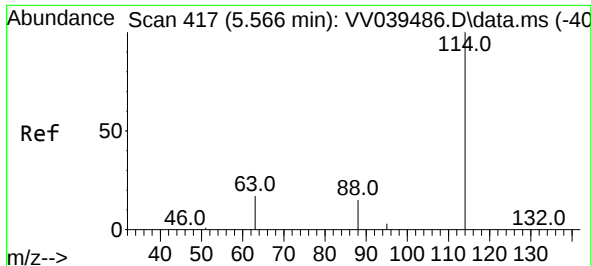
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120925\
Data File : VV039501.D
Acq On : 09 Dec 2025 13:58
Operator : SY/MD
Sample : VSTDCCC0.5
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5339

Quant Time: Dec 10 01:14:26 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

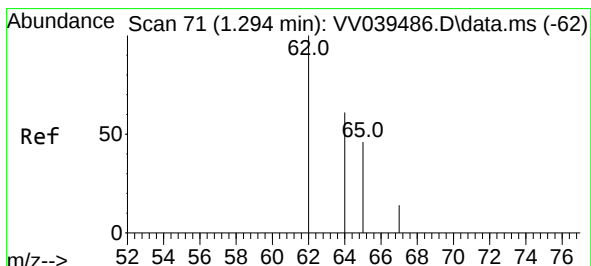
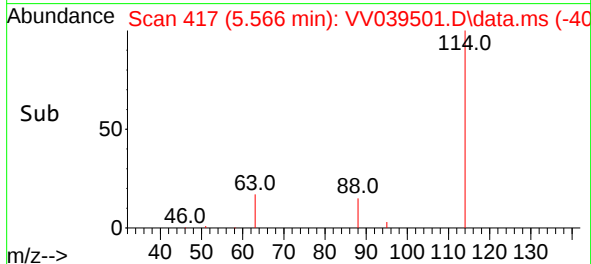
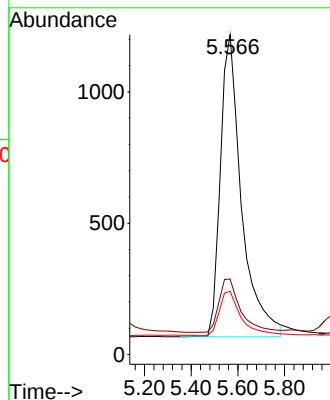
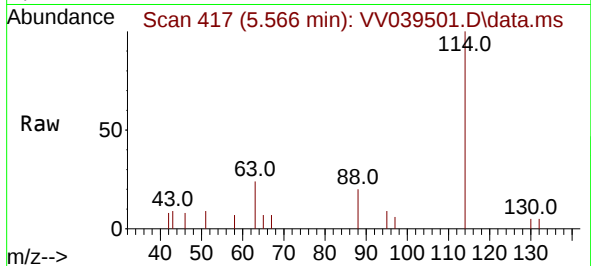




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039501.D
 Acq: 09 Dec 2025 13:58

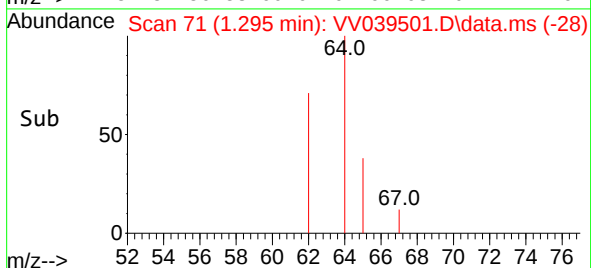
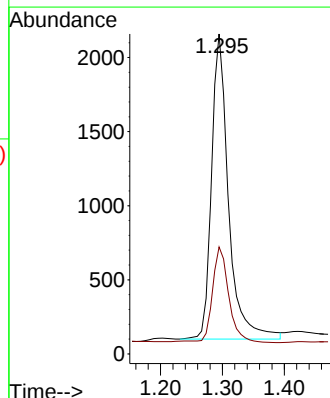
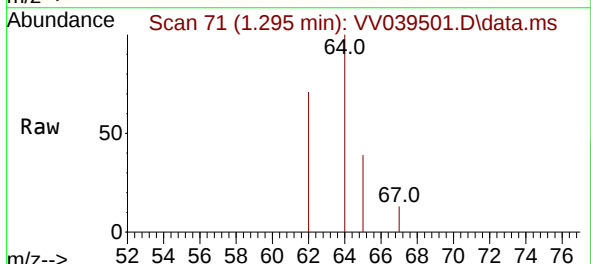
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5339

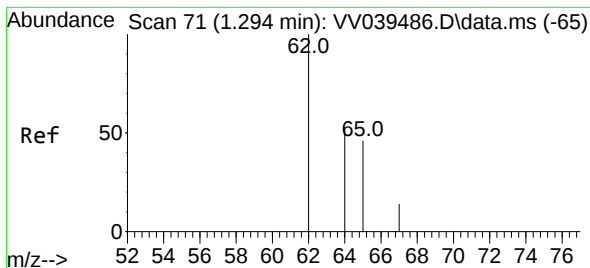
Tgt Ion:114 Resp: 7231
 Ion Ratio Lower Upper
 114 100
 63 18.0 15.0 22.4
 88 15.0 12.0 18.0



#2
 Vinyl Chloride-d3
 Concen: 0.553 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039501.D
 Acq: 09 Dec 2025 13:58

Tgt Ion: 65 Resp: 3924
 Ion Ratio Lower Upper
 65 100
 67 30.2 22.3 41.5





#3

Vinyl chloride

Concen: 0.445 ug/L

RT: 1.295 min Scan# 71

Delta R.T. 0.001 min

Lab File: VV039501.D

Acq: 09 Dec 2025 13:58

Instrument :

MSVOA_V

ClientSampleId :

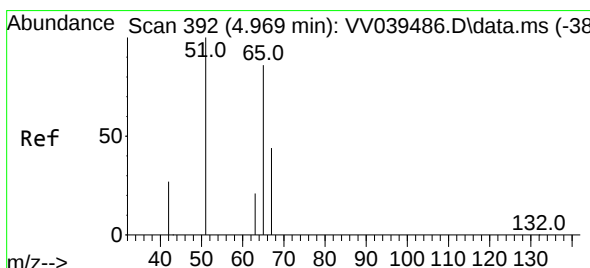
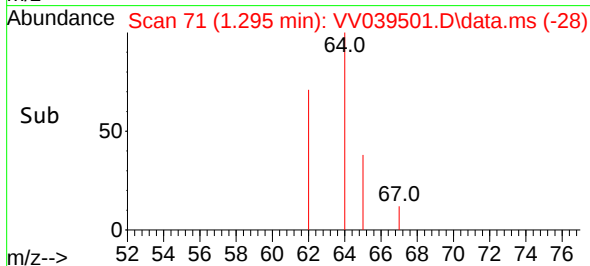
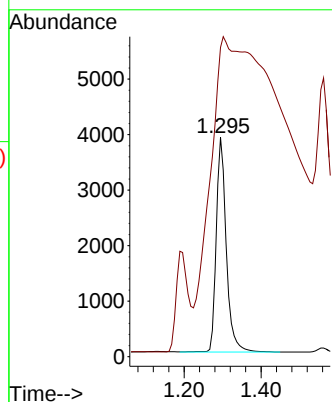
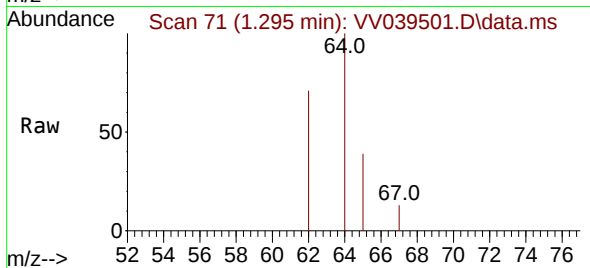
VSTD0.5339

Tgt Ion: 62 Resp: 6968

Ion Ratio Lower Upper

62 100

64 141.0 24.8 46.0#



#4

1,2-Dichloroethane-d4

Concen: 0.465 ug/L

RT: 4.970 min Scan# 392

Delta R.T. 0.001 min

Lab File: VV039501.D

Acq: 09 Dec 2025 13:58

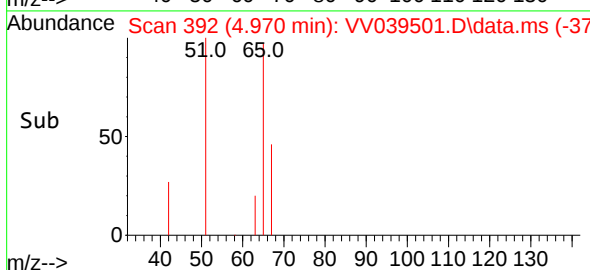
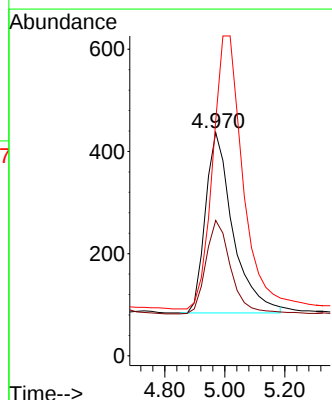
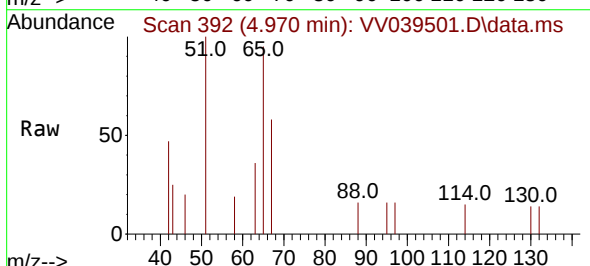
Tgt Ion: 65 Resp: 2239

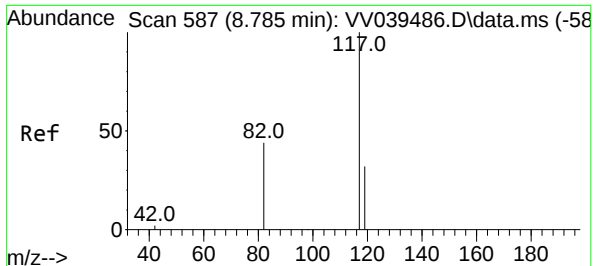
Ion Ratio Lower Upper

65 100

67 47.0 32.5 60.3

51 164.1 121.4 225.6

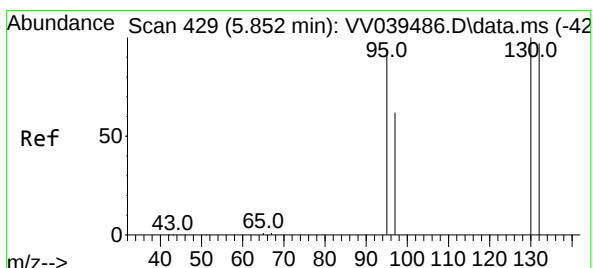
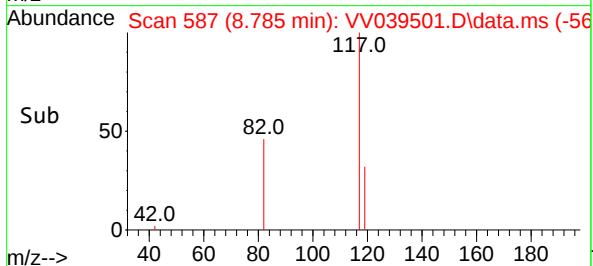
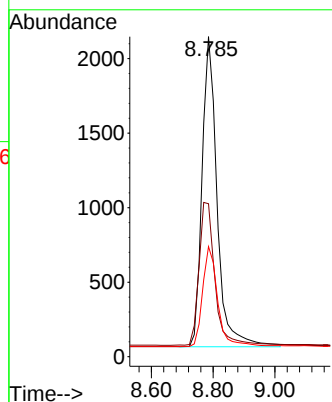
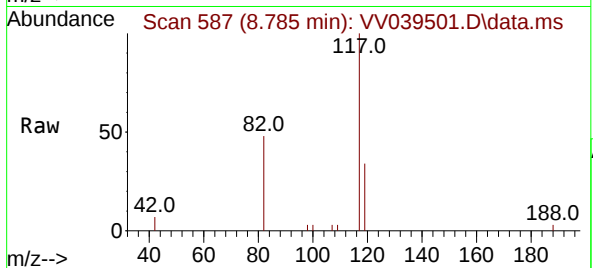




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039501.D
Acq: 09 Dec 2025 13:58

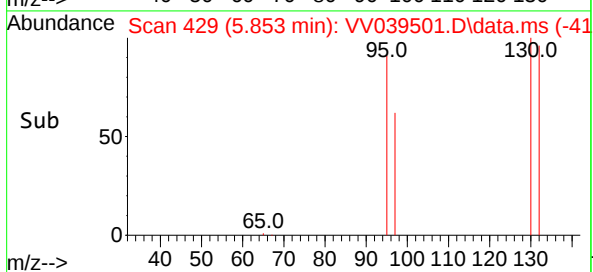
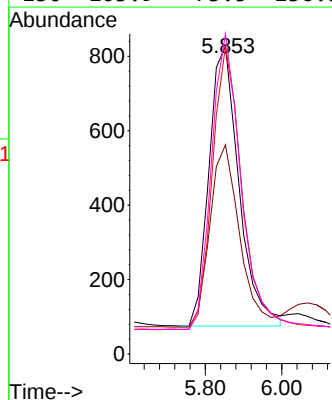
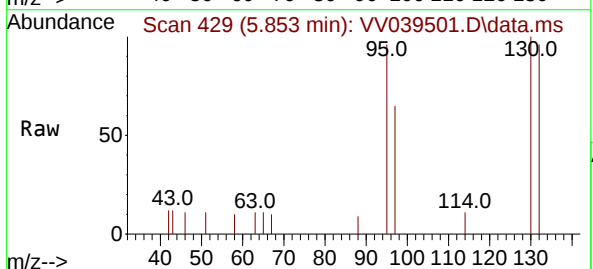
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5339

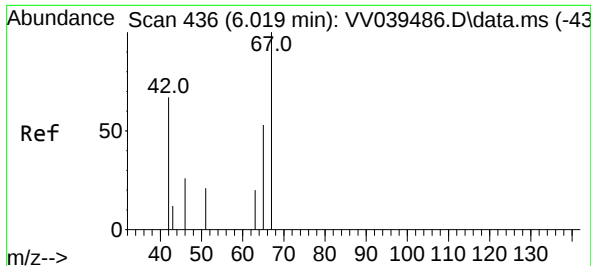
Tgt Ion:	117	Resp:	7043
Ion	Ratio	Lower	Upper
117	100		
82	48.8	39.4	59.2
119	32.3	26.2	39.2



#6
Trichloroethene
Concen: 0.480 ug/L
RT: 5.853 min Scan# 429
Delta R.T. 0.001 min
Lab File: VV039501.D
Acq: 09 Dec 2025 13:58

Tgt Ion:	95	Resp:	4099
Ion	Ratio	Lower	Upper
95	100		
97	67.9	47.7	88.7
132	99.9	70.8	131.4
130	103.9	73.5	136.5

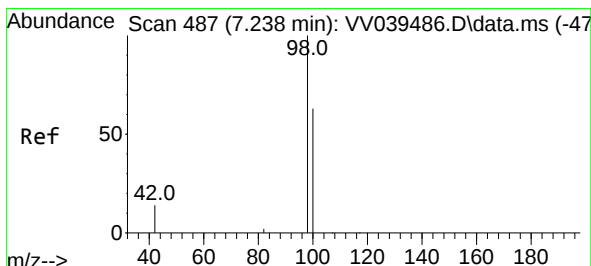
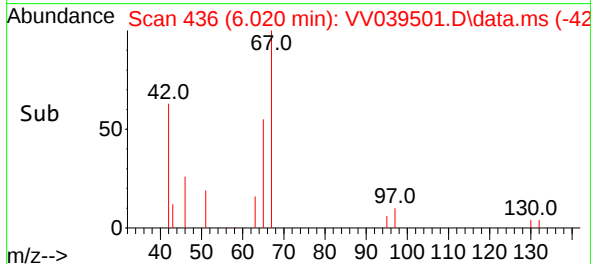
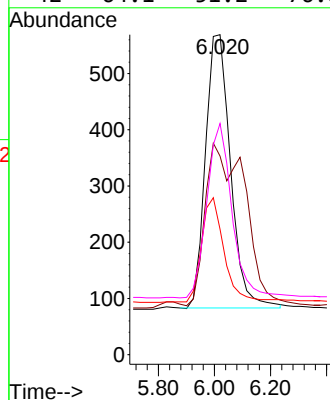
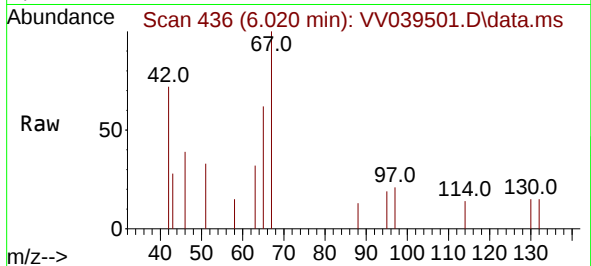




#7
1,2-Dichloropropane-d6
Concen: 0.508 ug/L
RT: 6.020 min Scan# 41
Delta R.T. 0.001 min
Lab File: VV039501.D
Acq: 09 Dec 2025 13:58

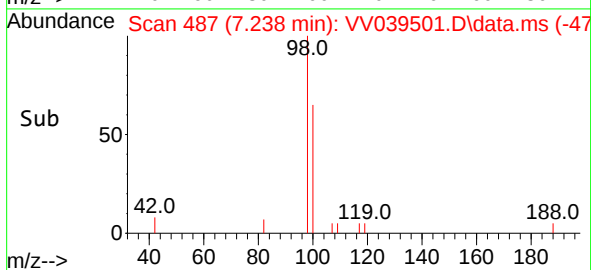
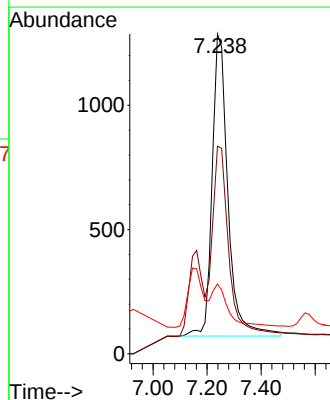
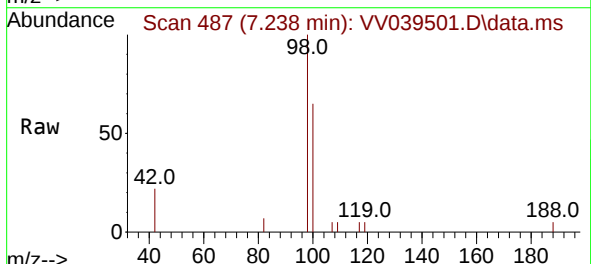
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5339

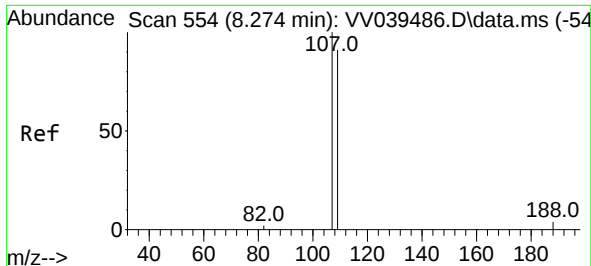
Tgt Ion:	67	Resp:	3019
Ion	Ratio	Lower	Upper
67	100		
65	51.0	37.9	56.9
46	34.8	27.4	41.0
42	64.1	51.2	76.8



#8
Toluene-d8
Concen: 0.491 ug/L
RT: 7.238 min Scan# 487
Delta R.T. 0.000 min
Lab File: VV039501.D
Acq: 09 Dec 2025 13:58

Tgt Ion:	98	Resp:	4925
Ion	Ratio	Lower	Upper
98	100		
100	62.9	44.5	82.7
42	13.7	10.1	18.7

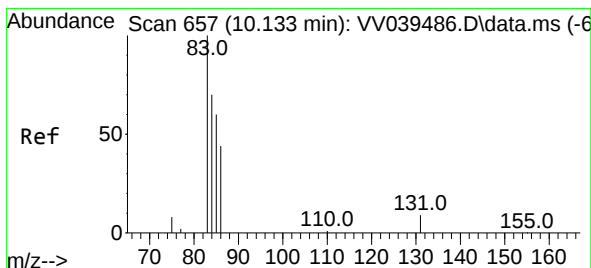
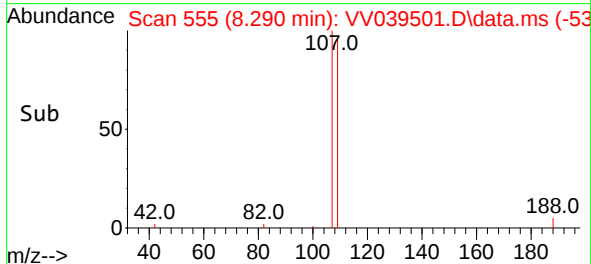
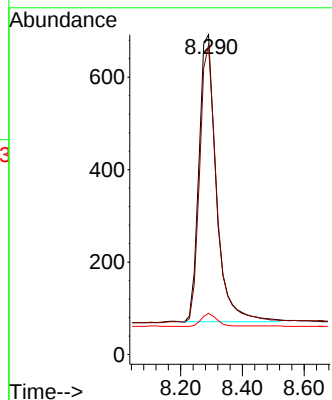
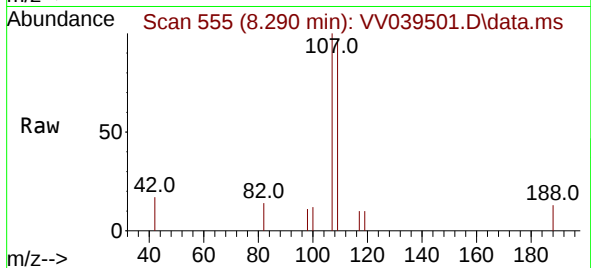




#9
 1,2-Dibromoethane
 Concen: 0.422 ug/L
 RT: 8.290 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VV039501.D
 Acq: 09 Dec 2025 13:58

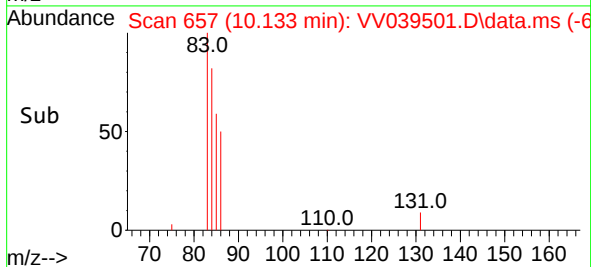
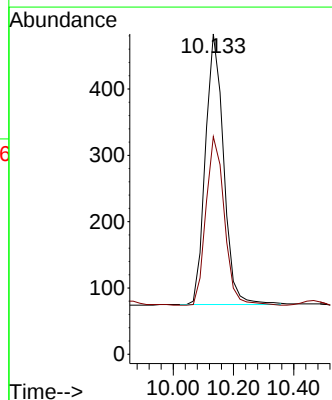
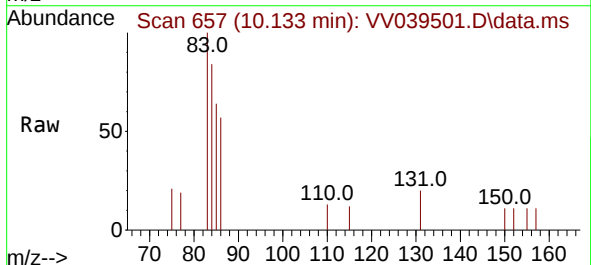
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5339

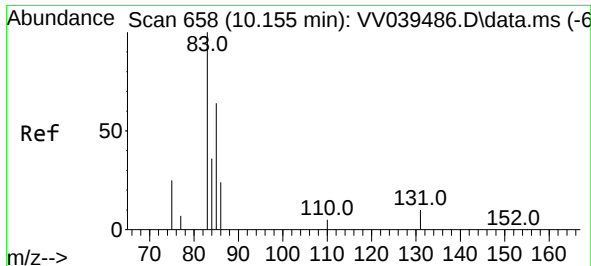
Tgt Ion:107 Resp: 2434
 Ion Ratio Lower Upper
 107 100
 109 96.7 67.4 125.2
 188 12.9 9.4 14.0



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.511 ug/L
 RT: 10.133 min Scan# 657
 Delta R.T. 0.000 min
 Lab File: VV039501.D
 Acq: 09 Dec 2025 13:58

Tgt Ion: 84 Resp: 1710
 Ion Ratio Lower Upper
 84 100
 86 63.1 44.4 82.5

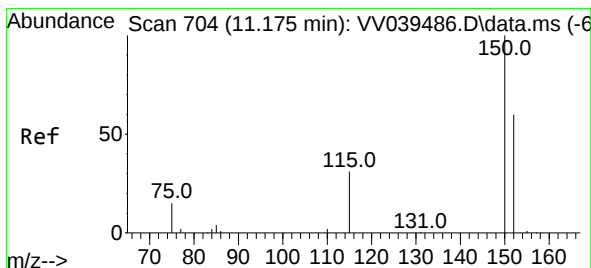
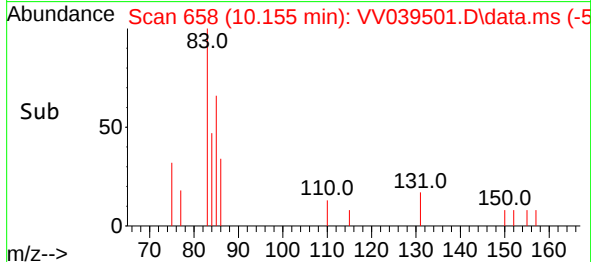
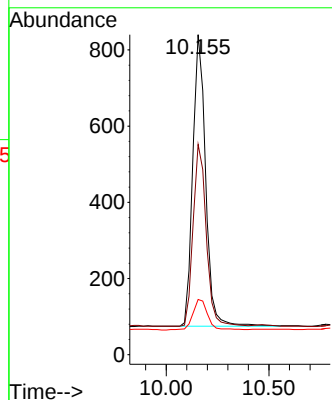
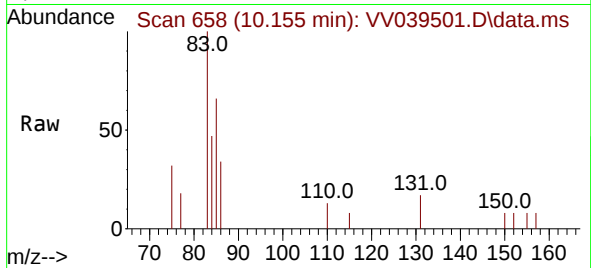




#11
1,1,2,2-Tetrachloroethane
Concen: 0.470 ug/L
RT: 10.155 min Scan# 658
Delta R.T. 0.000 min
Lab File: VV039501.D
Acq: 09 Dec 2025 13:58

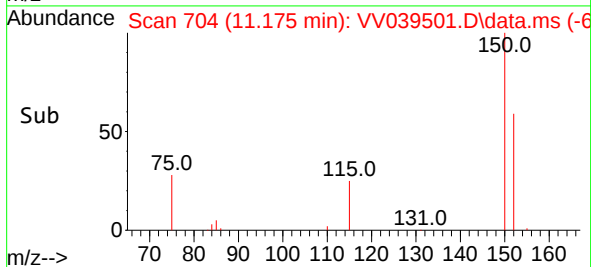
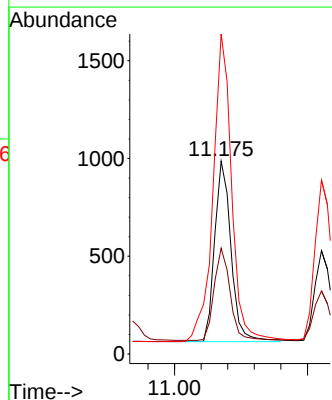
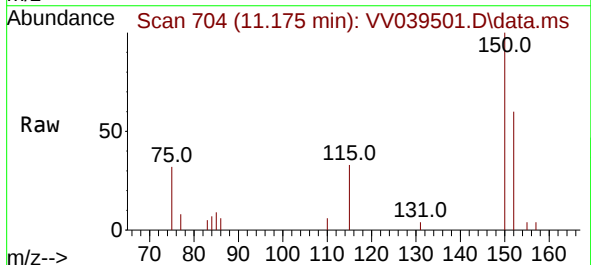
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5339

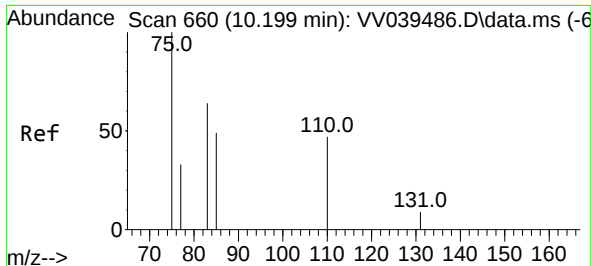
Tgt Ion: 83	Resp:	3319	
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.0	76.6
131	11.5	8.6	12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. 0.000 min
Lab File: VV039501.D
Acq: 09 Dec 2025 13:58

Tgt Ion:152	Resp:	3954	
Ion	Ratio	Lower	Upper
152	100		
115	49.7	0.0	101.6
150	194.1	0.0	396.2

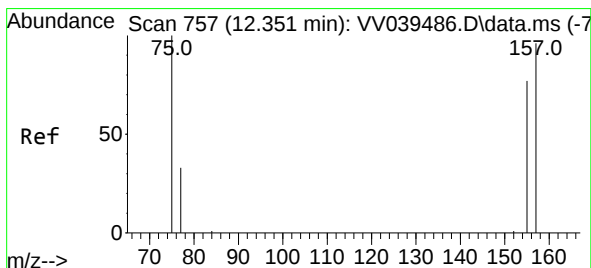
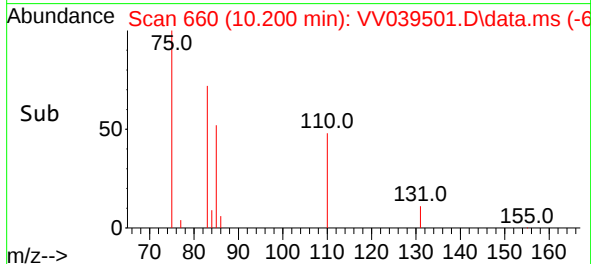
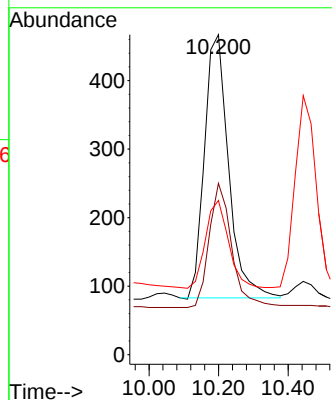
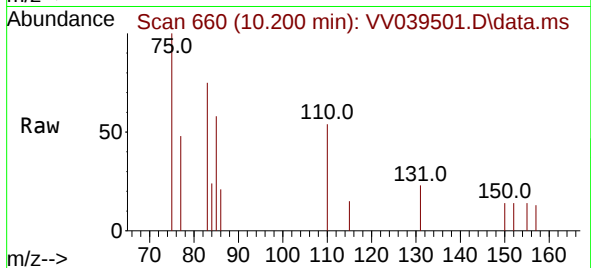




#13
1,2,3-Trichloropropane
Concen: 0.459 ug/L
RT: 10.200 min Scan# 660
Delta R.T. 0.001 min
Lab File: VV039501.D
Acq: 09 Dec 2025 13:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5339

Tgt Ion: 75	Resp:	1855
Ion	Ratio	Lower Upper
75	100	
110	44.3	37.8 56.6
77	31.1	25.6 38.4



#14
1,2-Dibromo-3-chloropropane
Concen: 0.430 ug/L
RT: 12.351 min Scan# 757
Delta R.T. -0.000 min
Lab File: VV039501.D
Acq: 09 Dec 2025 13:58

Tgt Ion: 75	Resp:	362
Ion	Ratio	Lower Upper
75	100	
157	85.3	67.8 101.6
155	78.8	61.9 92.9

