

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
 Data File : VV039499.D
 Acq On : 08 Dec 2025 17:27
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5338

Quant Time: Dec 09 01:29:12 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)

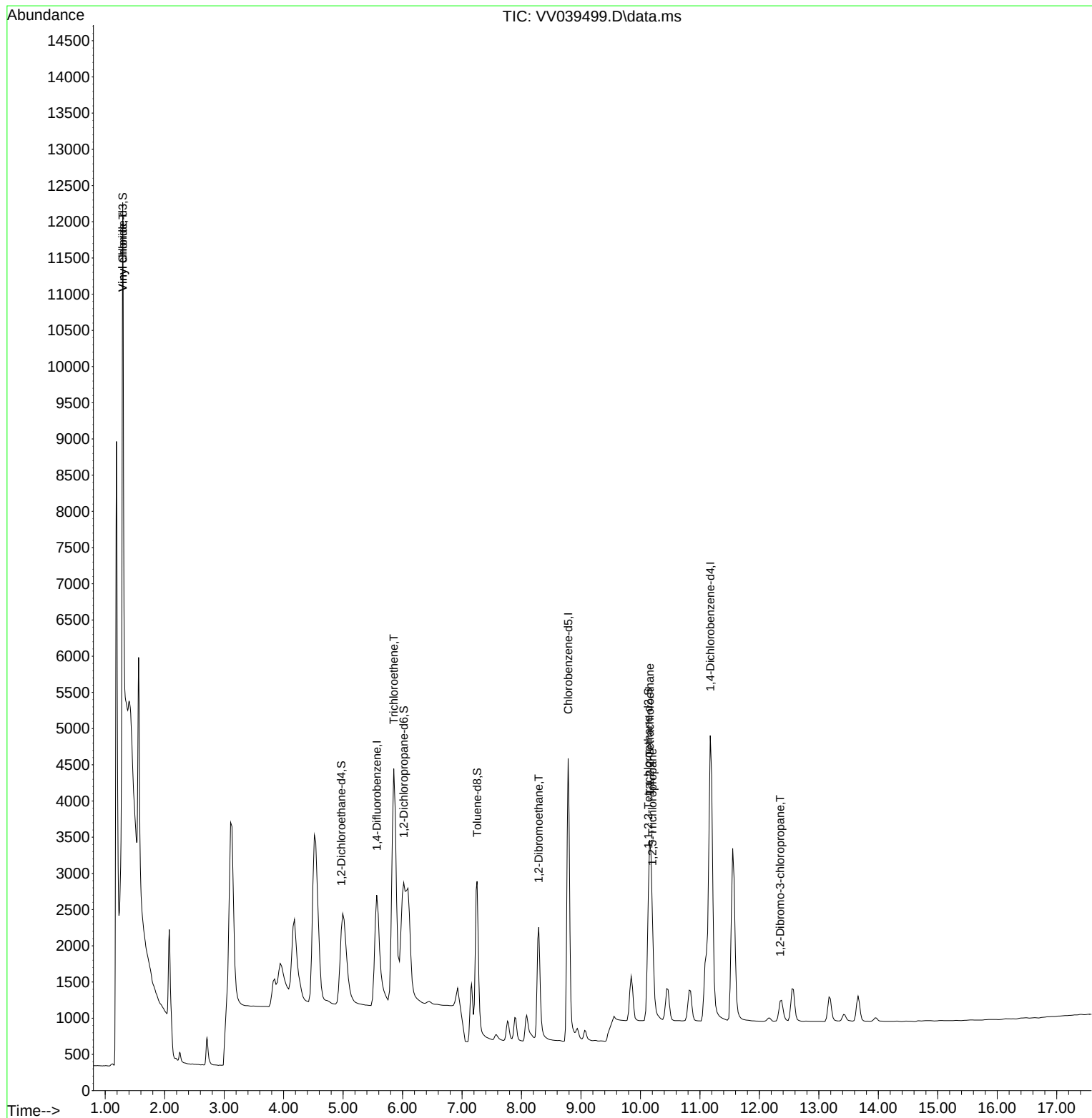
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6818	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7224	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	4139	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3645	0.532	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	106.000%
4) 1,2-Dichloroethane-d4	4.970	65	2208	0.486	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
7) 1,2-Dichloropropane-d6	6.019	67	3170	0.520	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	104.000%
8) Toluene-d8	7.254	98	4949	0.481	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1896	0.552	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	110.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	7484	0.507	ug/L	# 1
6) Trichloroethene	5.852	95	4743	0.530	ug/L	99
9) 1,2-Dibromoethane	8.290	107	2977	0.503	ug/L	99
11) 1,1,2,2-Tetrachloroethane	10.155	83	4371	0.603	ug/L	94
13) 1,2,3-Trichloropropane	10.199	75	2209	0.507	ug/L	98
14) 1,2-Dibromo-3-chloropr...	12.351	75	456	0.517	ug/L	99

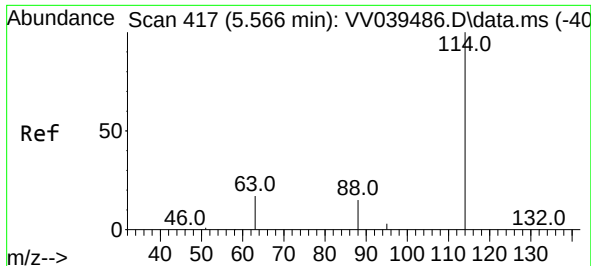
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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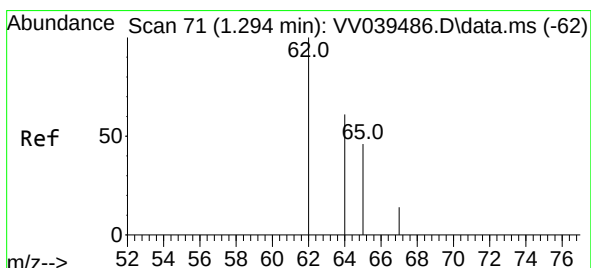
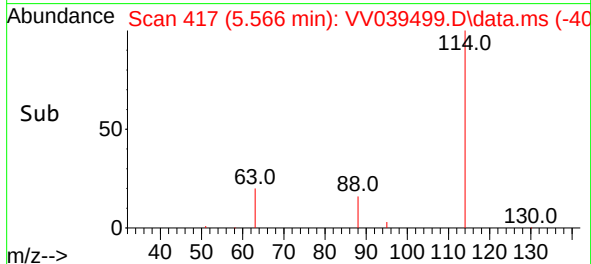
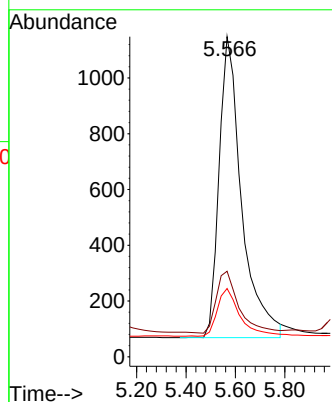
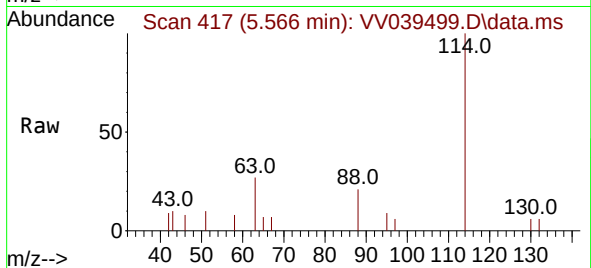




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039499.D
 Acq: 08 Dec 2025 17:27

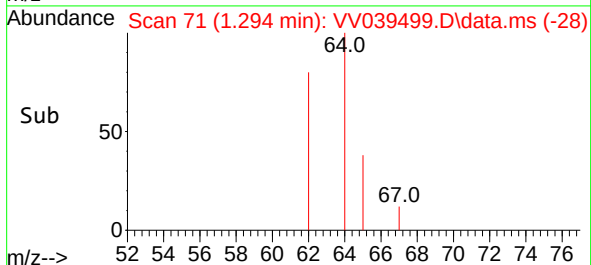
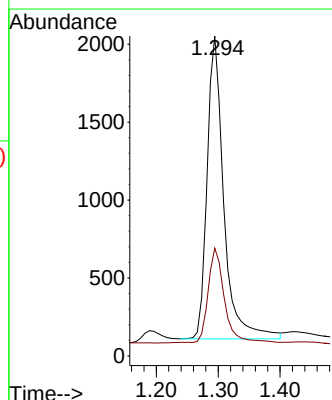
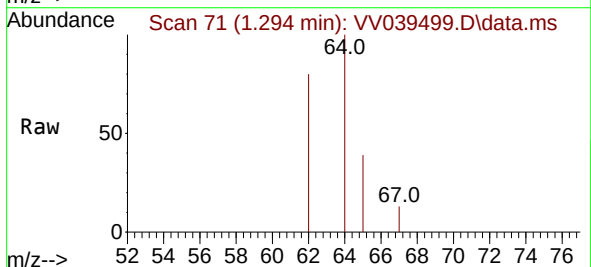
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5338

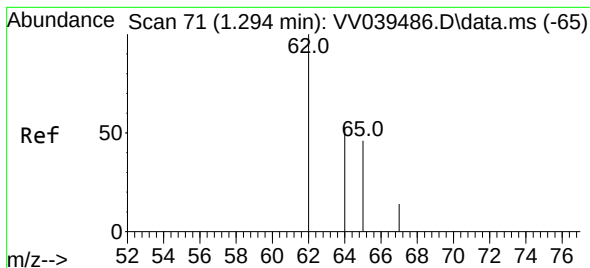
Tgt Ion:	114	Resp:	6818
Ion	Ratio	Lower	Upper
114	100		
63	20.3	15.0	22.4
88	15.8	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.532 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039499.D
 Acq: 08 Dec 2025 17:27

Tgt Ion:	65	Resp:	3645
Ion	Ratio	Lower	Upper
65	100		
67	30.8	22.3	41.5





#3

Vinyl chloride

Concen: 0.507 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039499.D

Acq: 08 Dec 2025 17:27

Instrument :

MSVOA_V

ClientSampleId :

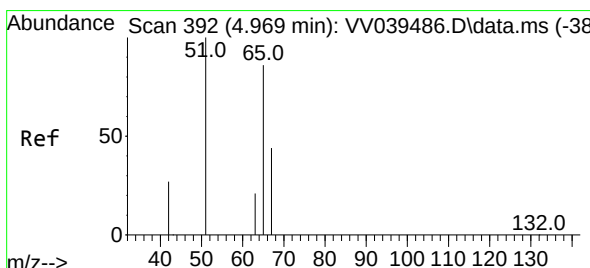
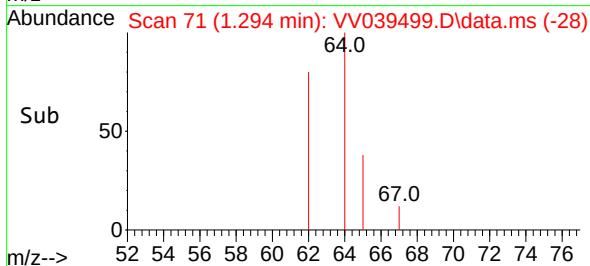
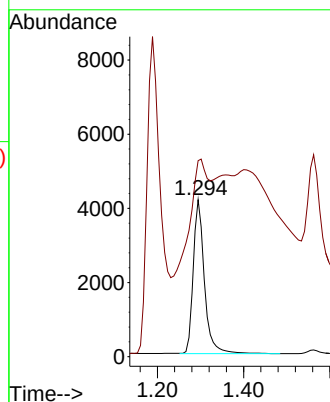
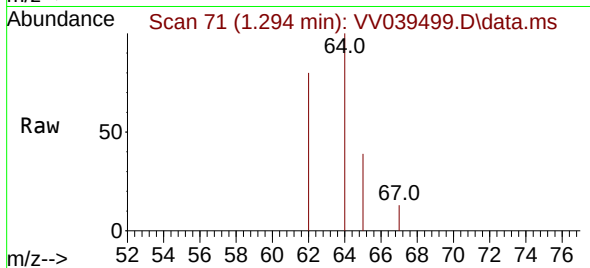
VSTD0.5338

Tgt Ion: 62 Resp: 7484

Ion Ratio Lower Upper

62 100

64 124.8 24.8 46.0#



#4

1,2-Dichloroethane-d4

Concen: 0.486 ug/L

RT: 4.970 min Scan# 392

Delta R.T. 0.001 min

Lab File: VV039499.D

Acq: 08 Dec 2025 17:27

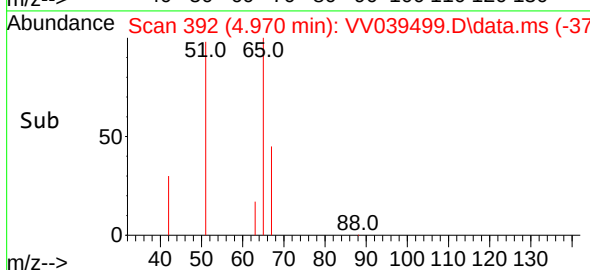
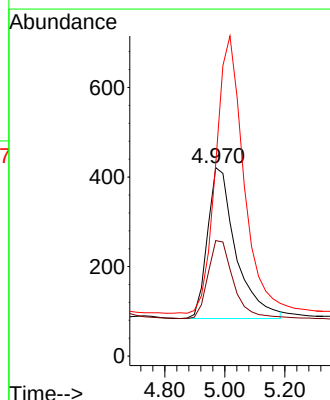
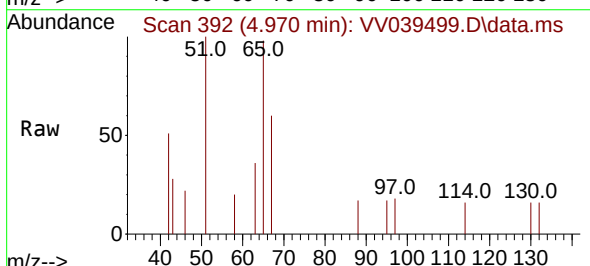
Tgt Ion: 65 Resp: 2208

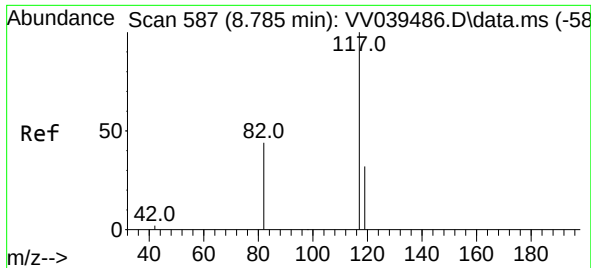
Ion Ratio Lower Upper

65 100

67 46.4 32.5 60.3

51 180.6 121.4 225.6

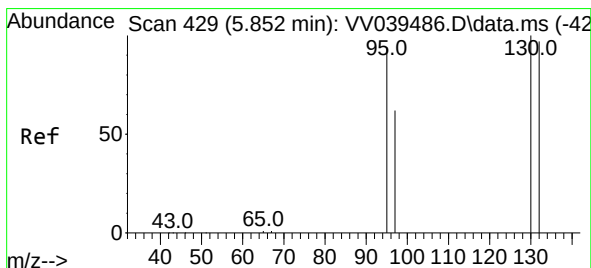
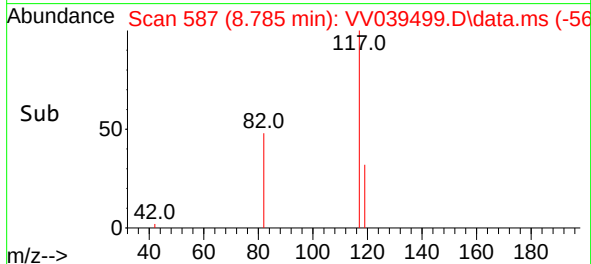
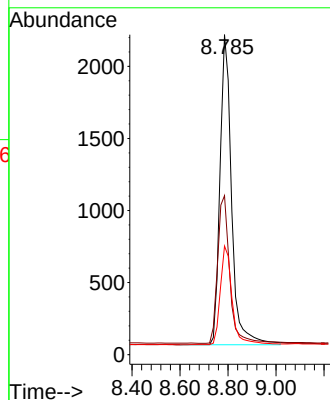
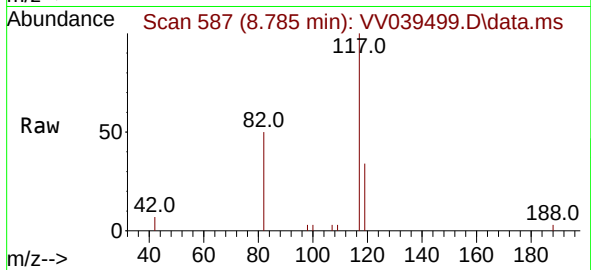




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039499.D
Acq: 08 Dec 2025 17:27

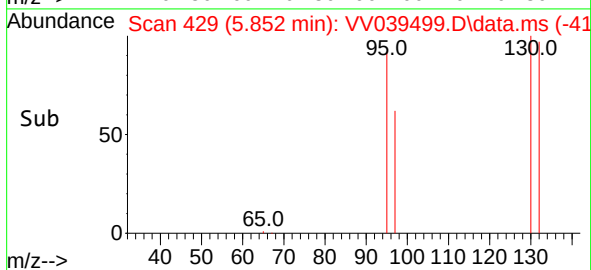
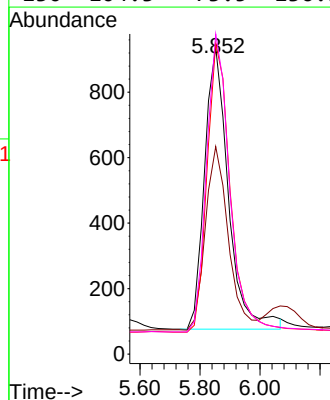
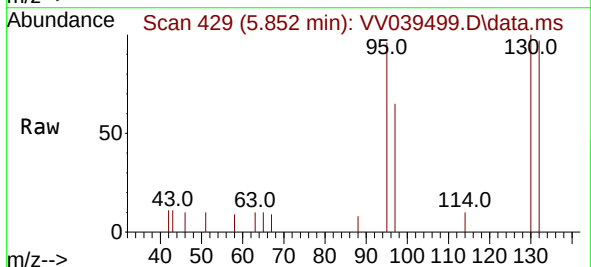
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5338

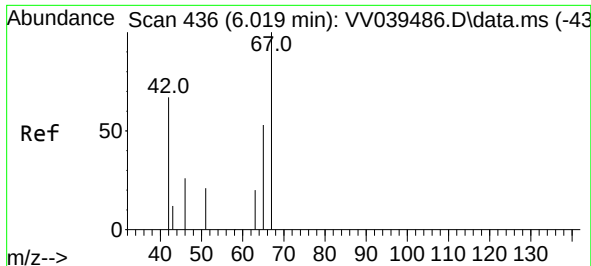
Tgt Ion:	117	Resp:	7224
Ion	Ratio	Lower	Upper
117	100		
82	49.4	39.4	59.2
119	32.5	26.2	39.2



#6
Trichloroethene
Concen: 0.530 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039499.D
Acq: 08 Dec 2025 17:27

Tgt Ion:	95	Resp:	4743
Ion	Ratio	Lower	Upper
95	100		
97	67.6	47.7	88.7
132	101.3	70.8	131.4
130	104.3	73.5	136.5

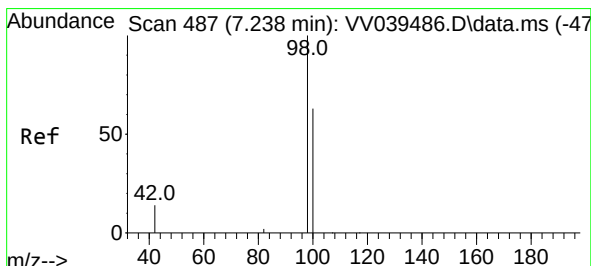
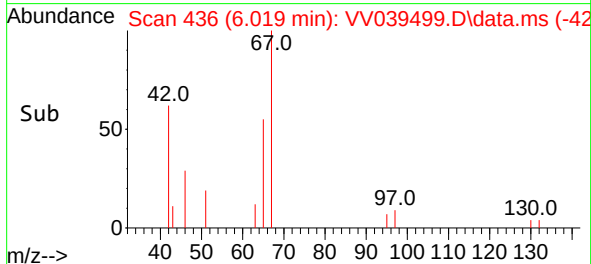
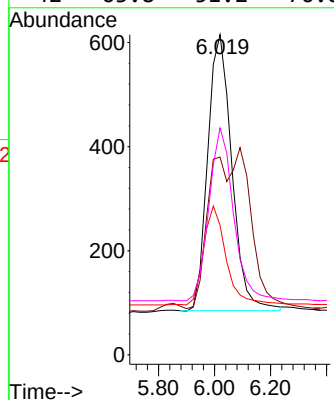
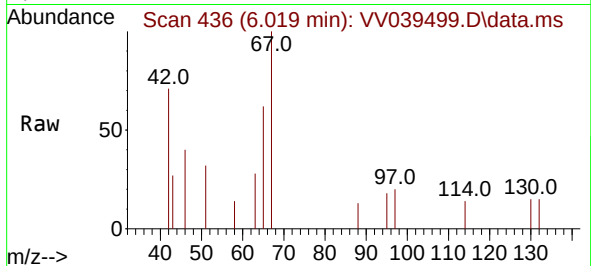




#7
1,2-Dichloropropane-d6
Concen: 0.520 ug/L
RT: 6.019 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039499.D
Acq: 08 Dec 2025 17:27

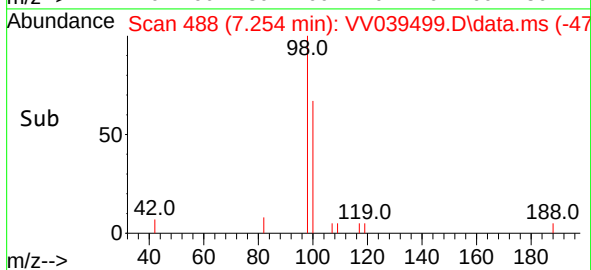
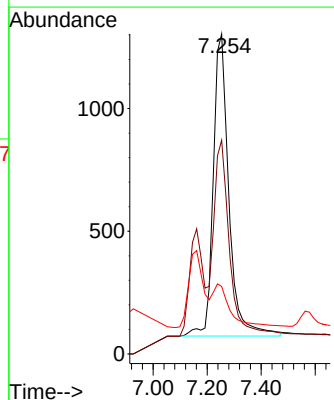
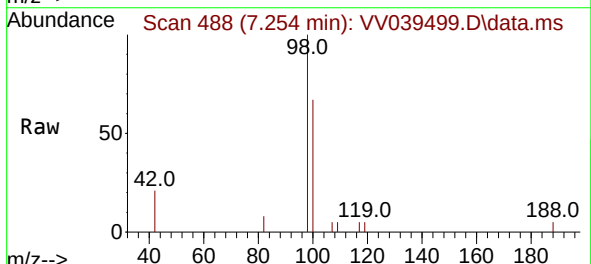
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5338

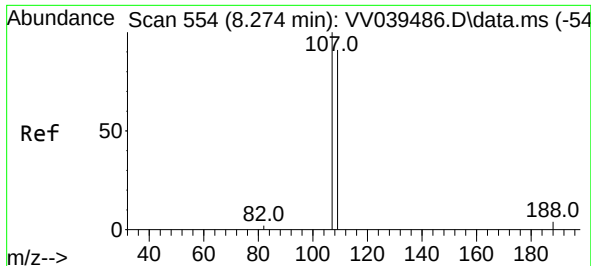
Tgt Ion:	67	Resp:	3170
Ion	Ratio	Lower	Upper
67	100		
65	47.6	37.9	56.9
46	33.6	27.4	41.0
42	63.8	51.2	76.8



#8
Toluene-d8
Concen: 0.481 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039499.D
Acq: 08 Dec 2025 17:27

Tgt Ion:	98	Resp:	4949
Ion	Ratio	Lower	Upper
98	100		
100	64.2	44.5	82.7
42	15.0	10.1	18.7

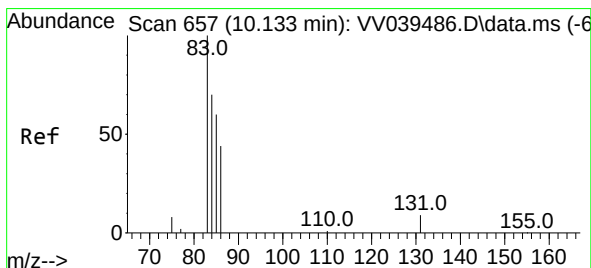
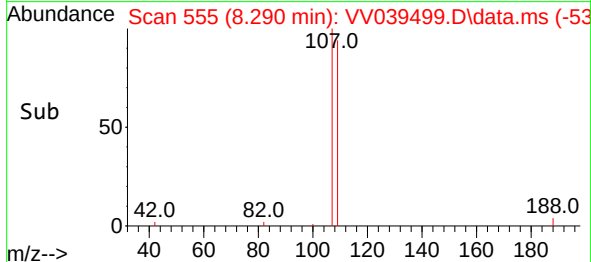
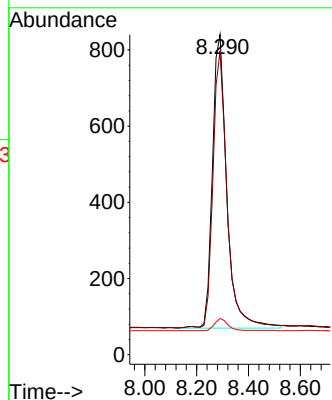
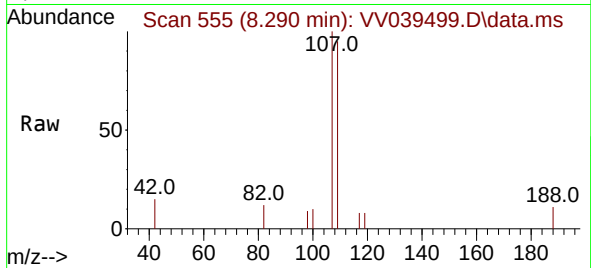




#9
1,2-Dibromoethane
Concen: 0.503 ug/L
RT: 8.290 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV039499.D
Acq: 08 Dec 2025 17:27

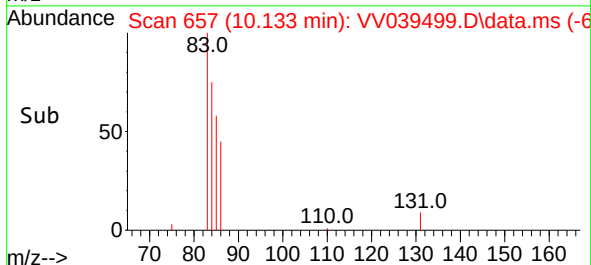
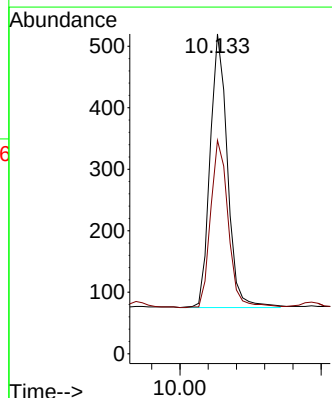
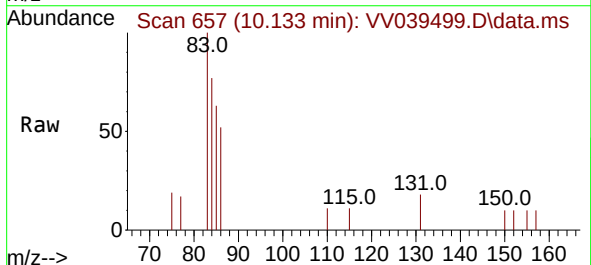
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5338

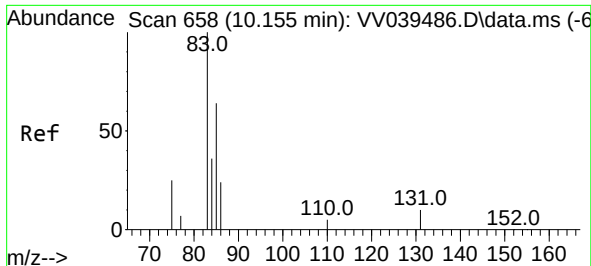
Tgt Ion:	107	Resp:	2977
Ion	Ratio	Lower	Upper
107	100		
109	94.9	67.4	125.2
188	11.3	9.4	14.0



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.552 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039499.D
Acq: 08 Dec 2025 17:27

Tgt Ion:	84	Resp:	1896
Ion	Ratio	Lower	Upper
84	100		
86	62.1	44.4	82.5

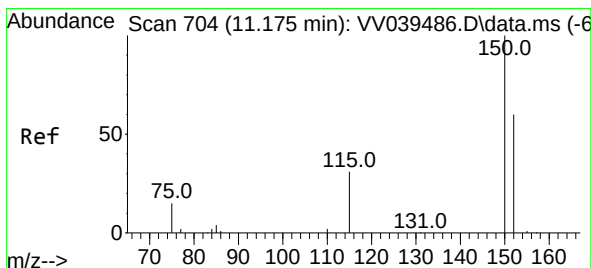
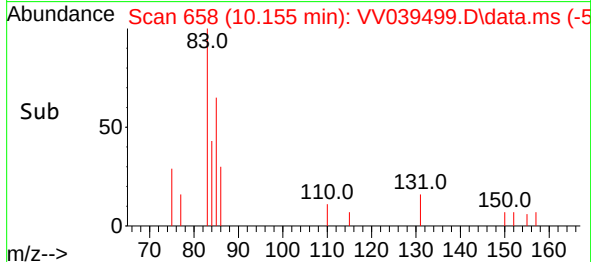
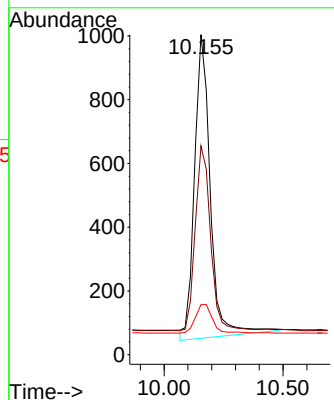
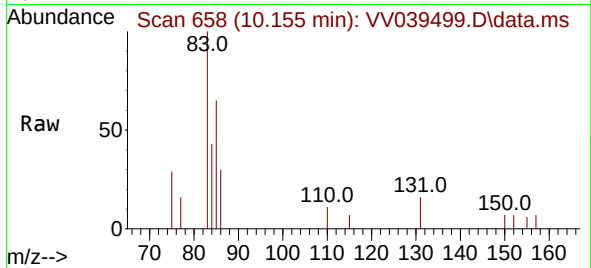




#11
1,1,2,2-Tetrachloroethane
Concen: 0.603 ug/L
RT: 10.155 min Scan# 658
Delta R.T. 0.000 min
Lab File: VV039499.D
Acq: 08 Dec 2025 17:27

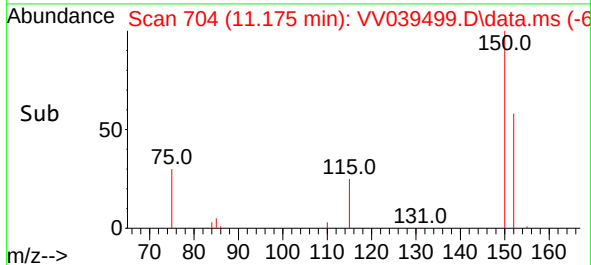
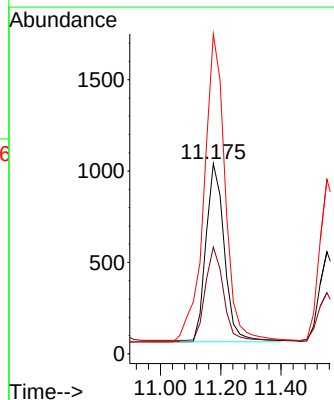
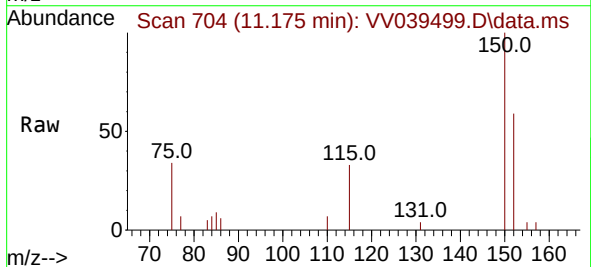
Instrument :
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VSTD0.5338

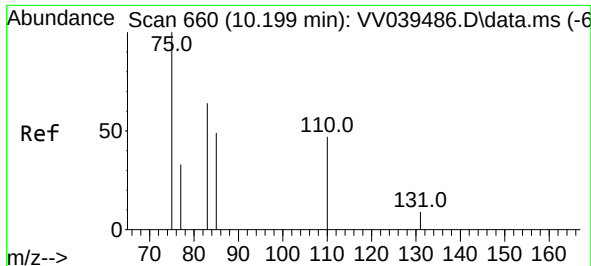
Tgt Ion: 83	Resp:	4371	
Ion Ratio	Lower	Upper	
83	100		
85	58.5	51.0	76.6
131	10.1	8.6	12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. 0.000 min
Lab File: VV039499.D
Acq: 08 Dec 2025 17:27

Tgt Ion:152	Resp:	4139	
Ion	Ratio	Lower	Upper
152	100		
115	50.4	0.0	101.6
150	199.3	0.0	396.2





#13

1,2,3-Trichloropropane

Concen: 0.507 ug/L

RT: 10.199 min Scan# 660

Delta R.T. 0.000 min

Lab File: VV039499.D

Acq: 08 Dec 2025 17:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5338

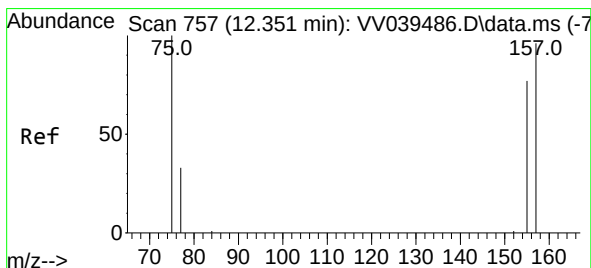
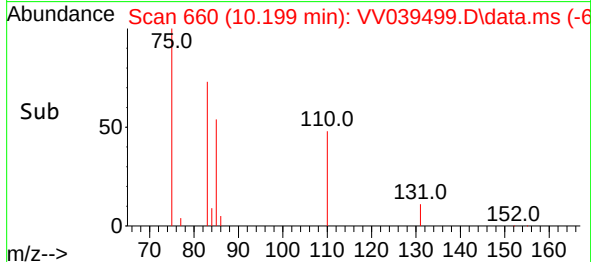
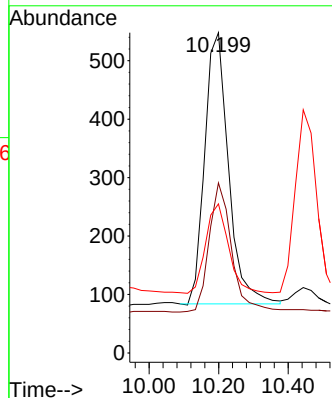
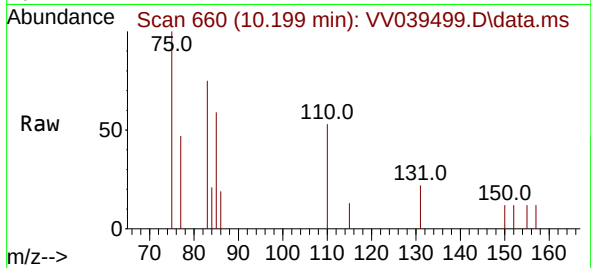
Tgt Ion: 75 Resp: 2209

Ion Ratio Lower Upper

75 100

110 45.2 37.8 56.6

77 31.2 25.6 38.4



#14

1,2-Dibromo-3-chloropropane

Concen: 0.517 ug/L

RT: 12.351 min Scan# 757

Delta R.T. 0.000 min

Lab File: VV039499.D

Acq: 08 Dec 2025 17:27

Tgt Ion: 75 Resp: 456

Ion Ratio Lower Upper

75 100

157 86.4 67.8 101.6

155 77.4 61.9 92.9

