

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120325\
 Data File : VV039448.D
 Acq On : 03 Dec 2025 11:25
 Operator : SY/MD
 Sample : VSTD0.572
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5272

Quant Time: Dec 04 00:44:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 04 00:43:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

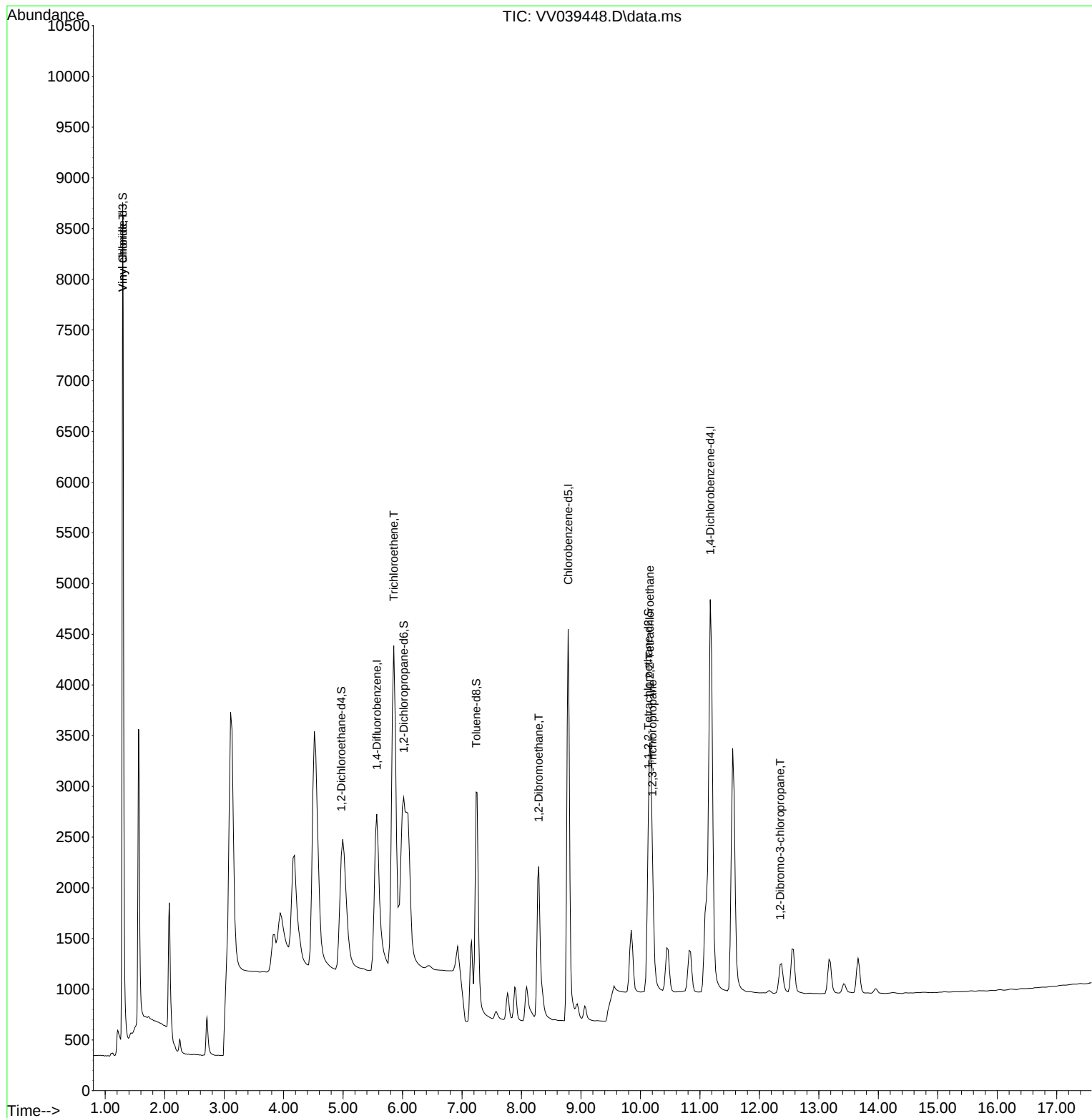
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6979	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7114	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	4101	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3722	0.530	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.969	65	2334	0.502	ug/L	0.00
7) 1,2-Dichloropropane-d6	6.019	67	3296	0.549	ug/L	0.00
8) Toluene-d8	7.238	98	5164	0.508	ug/L	0.00
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1864	0.551	ug/L	0.00
Target Compounds						
						Qvalue
3) Vinyl chloride	1.294	62	7679	0.509	ug/L	100
6) Trichloroethene	5.852	95	4538	0.526	ug/L	100
9) 1,2-Dibromoethane	8.290	107	2934	0.504	ug/L	100
11) 1,1,2,2-Tetrachloroethane	10.155	83	3894	0.546	ug/L	100
13) 1,2,3-Trichloropropane	10.199	75	2150	0.513	ug/L	100
14) 1,2-Dibromo-3-chloropr...	12.351	75	431	0.493	ug/L	100

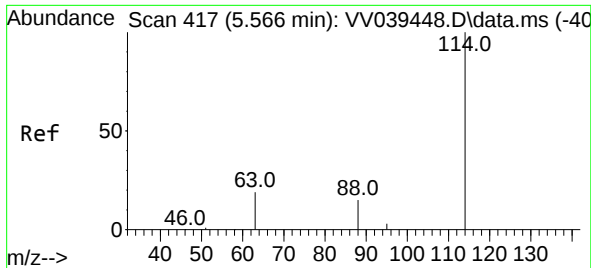
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 04 00:44:37 2025
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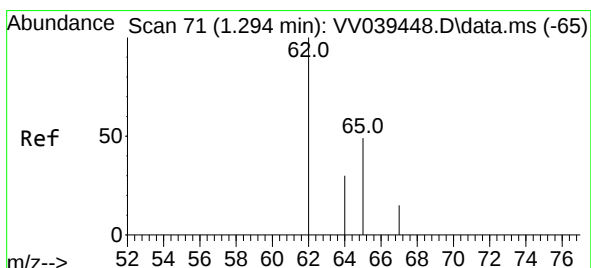
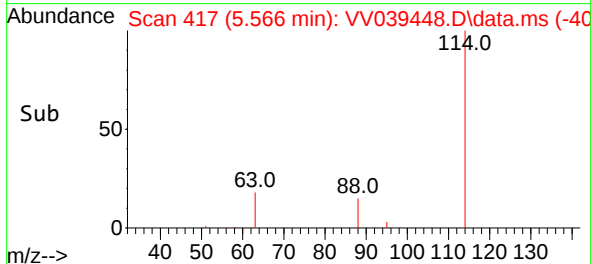
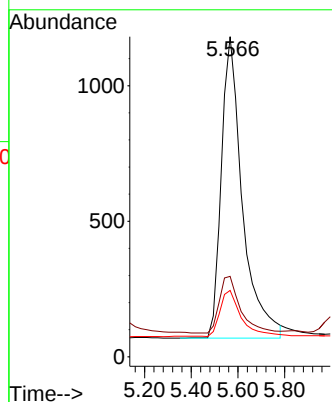
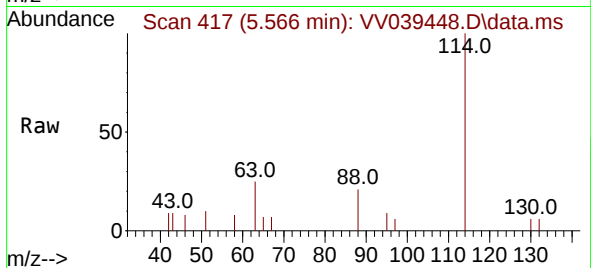




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV039448.D
 Acq: 03 Dec 2025 11:25

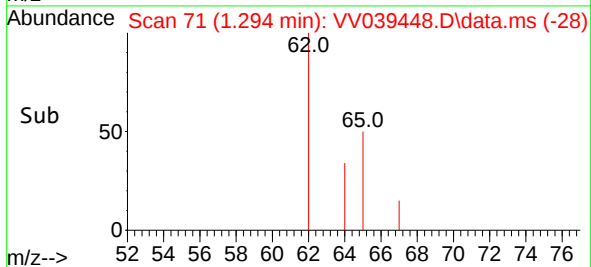
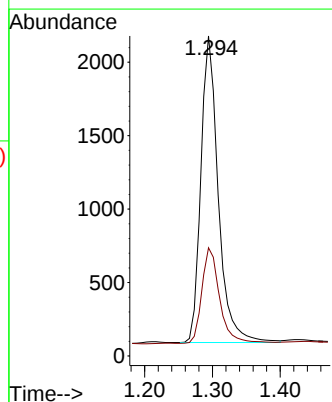
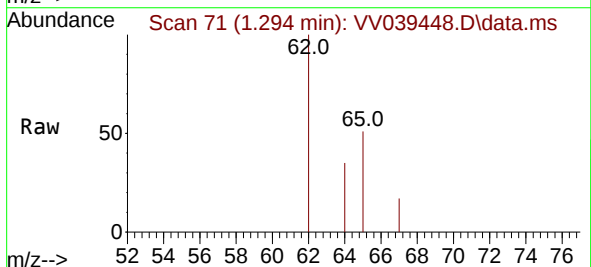
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5272

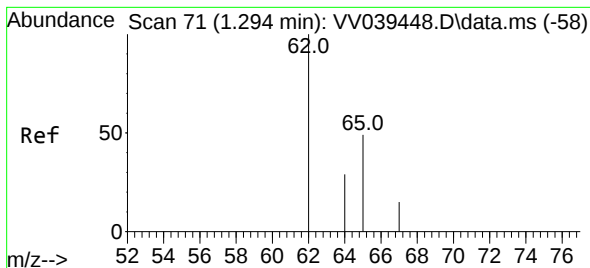
Tgt Ion:	114	Resp:	6979
Ion	Ratio	Lower	Upper
114	100		
63	18.7	15.0	22.4
88	15.0	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.530 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039448.D
 Acq: 03 Dec 2025 11:25

Tgt Ion:	65	Resp:	3722
Ion	Ratio	Lower	Upper
65	100		
67	31.9	22.3	41.5





#3

Vinyl chloride

Concen: 0.509 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039448.D

Acq: 03 Dec 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

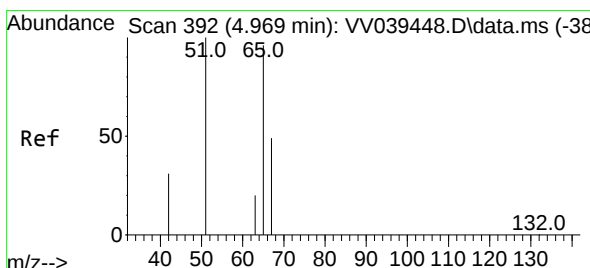
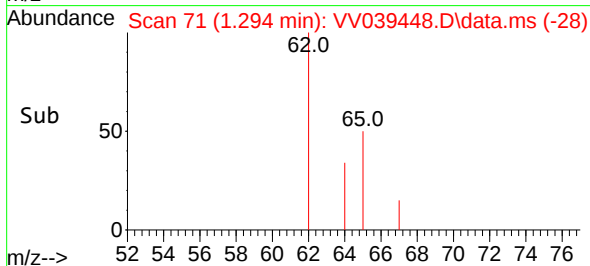
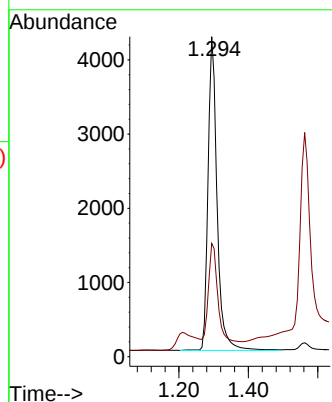
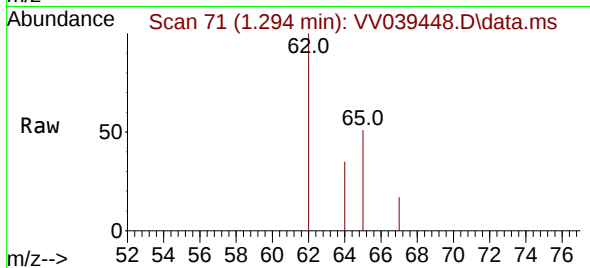
VSTD0.5272

Tgt Ion: 62 Resp: 7679

Ion Ratio Lower Upper

62 100

64 35.4 24.8 46.0



#4

1,2-Dichloroethane-d4

Concen: 0.502 ug/L

RT: 4.969 min Scan# 392

Delta R.T. 0.000 min

Lab File: VV039448.D

Acq: 03 Dec 2025 11:25

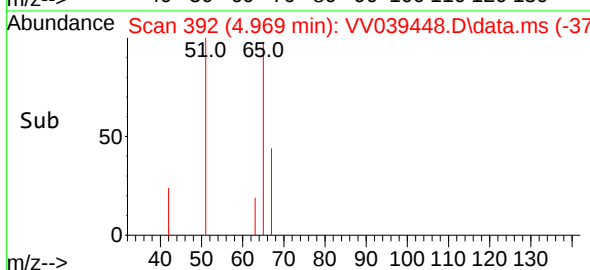
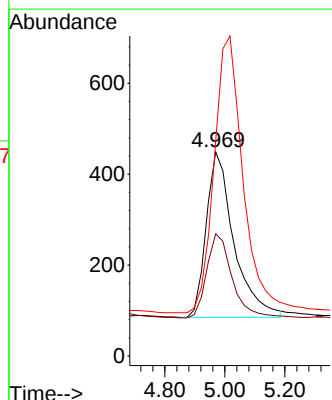
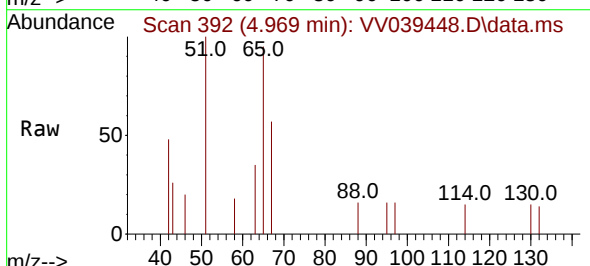
Tgt Ion: 65 Resp: 2334

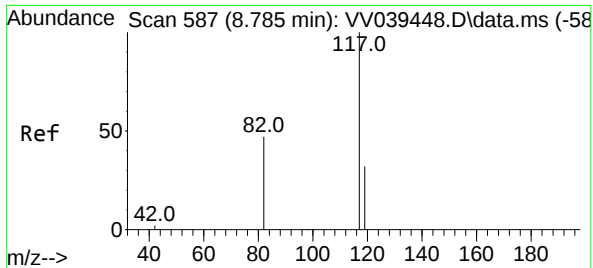
Ion Ratio Lower Upper

65 100

67 46.4 32.5 60.3

51 173.5 121.4 225.6

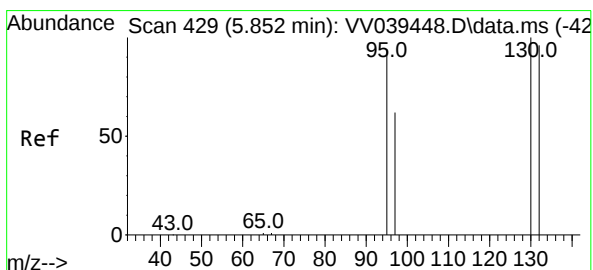
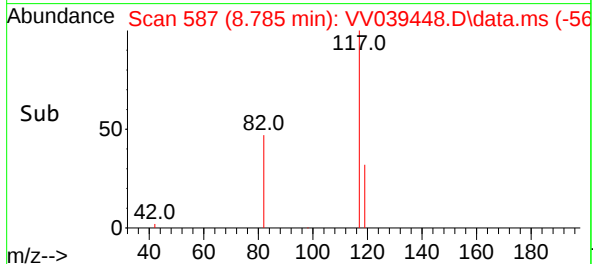
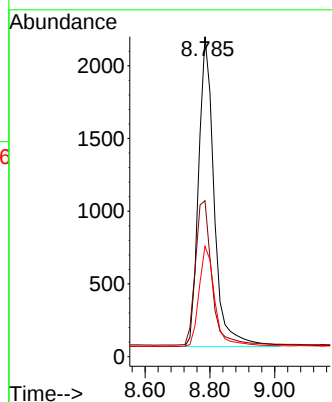
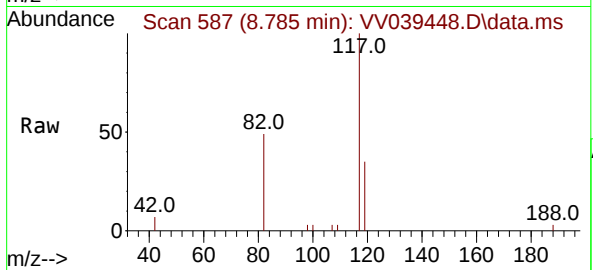




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039448.D
Acq: 03 Dec 2025 11:25

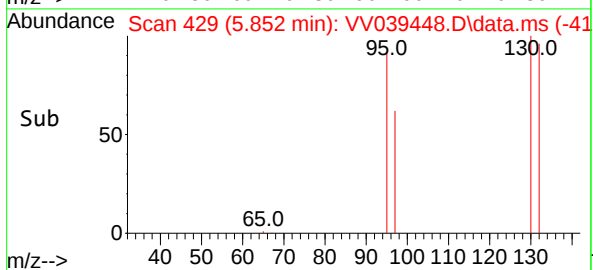
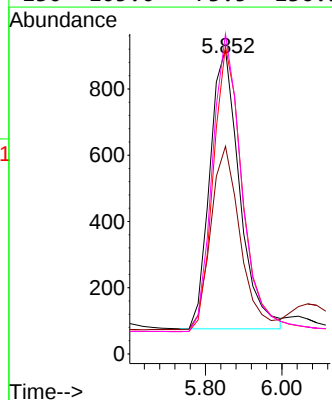
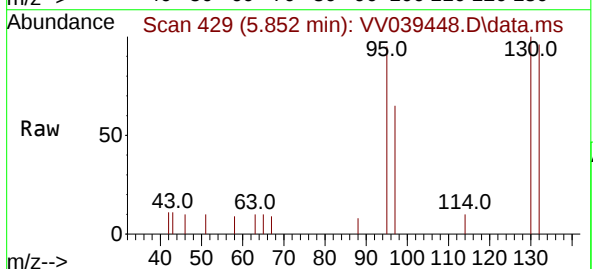
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5272

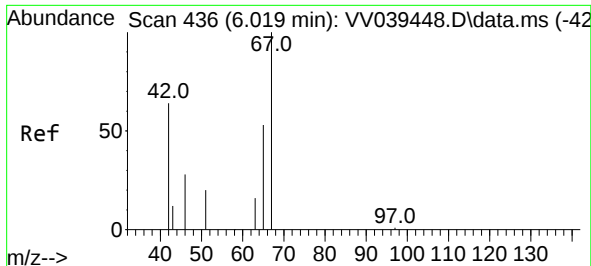
Tgt Ion:	117	Resp:	7114
Ion	Ratio	Lower	Upper
117	100		
82	49.3	39.4	59.2
119	32.7	26.2	39.2



#6
Trichloroethene
Concen: 0.526 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039448.D
Acq: 03 Dec 2025 11:25

Tgt Ion:	95	Resp:	4538
Ion	Ratio	Lower	Upper
95	100		
97	68.2	47.7	88.7
132	101.1	70.8	131.4
130	105.0	73.5	136.5

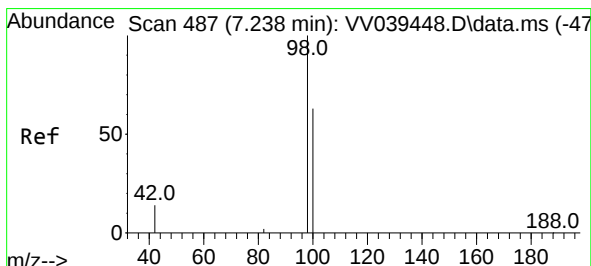
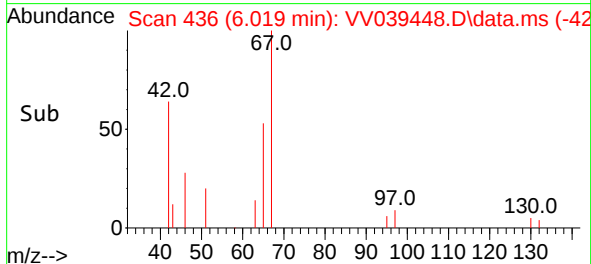
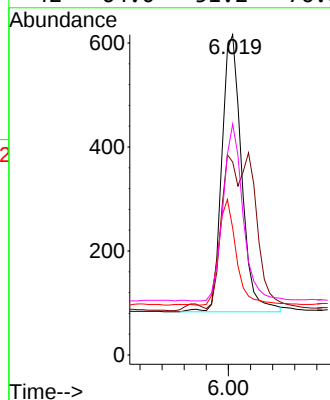
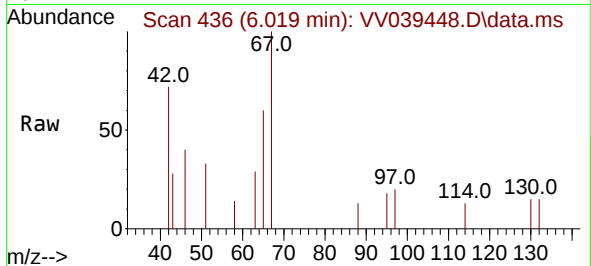




#7
1,2-Dichloropropane-d6
Concen: 0.549 ug/L
RT: 6.019 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039448.D
Acq: 03 Dec 2025 11:25

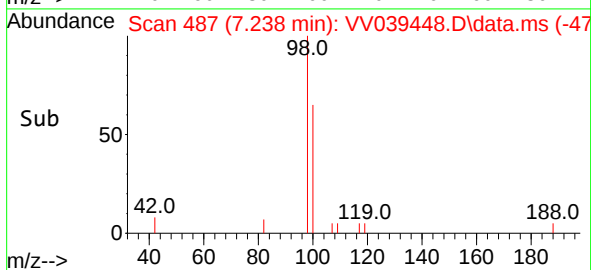
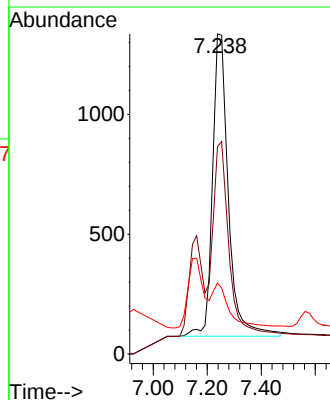
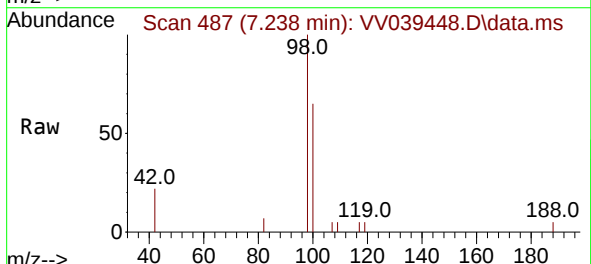
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5272

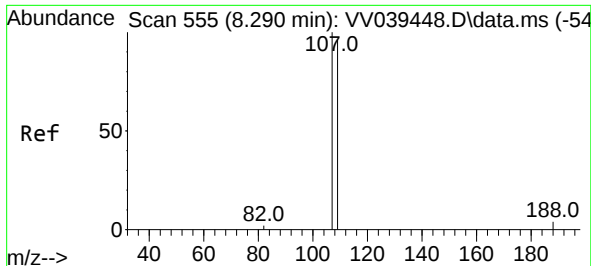
Tgt Ion:	67	Resp:	3296
Ion	Ratio	Lower	Upper
67	100		
65	47.4	37.9	56.9
46	34.2	27.4	41.0
42	64.0	51.2	76.8



#8
Toluene-d8
Concen: 0.508 ug/L
RT: 7.238 min Scan# 487
Delta R.T. 0.000 min
Lab File: VV039448.D
Acq: 03 Dec 2025 11:25

Tgt Ion:	98	Resp:	5164
Ion	Ratio	Lower	Upper
98	100		
100	63.2	44.5	82.7
42	14.1	10.1	18.7



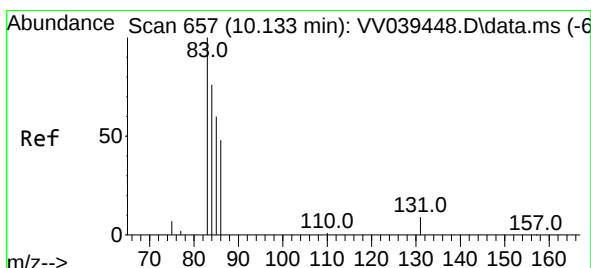
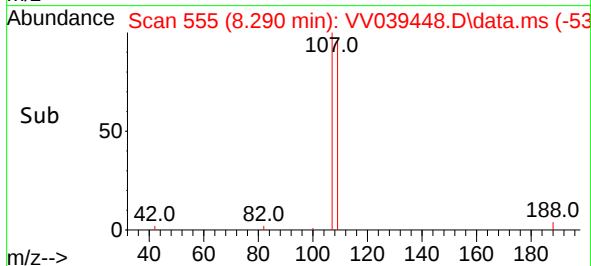
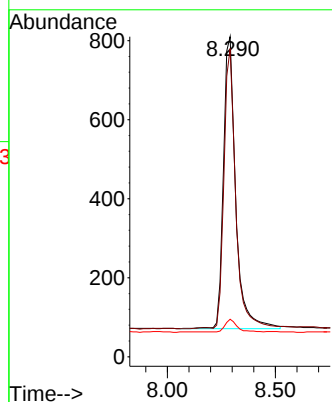
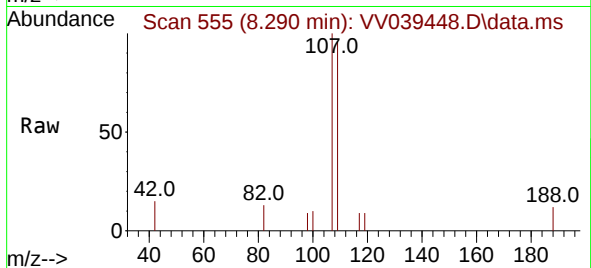


#9
1,2-Dibromoethane
Concen: 0.504 ug/L
RT: 8.290 min Scan# 555
Delta R.T. 0.000 min
Lab File: VV039448.D
Acq: 03 Dec 2025 11:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5272

Tgt Ion:107 Resp: 2934

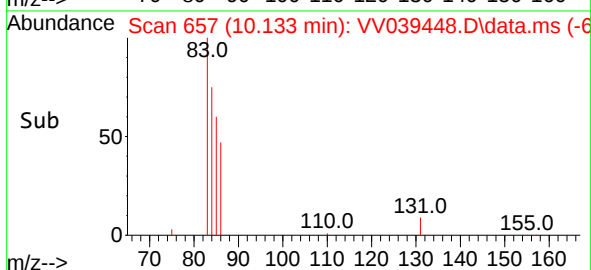
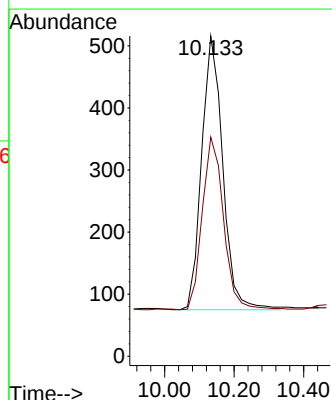
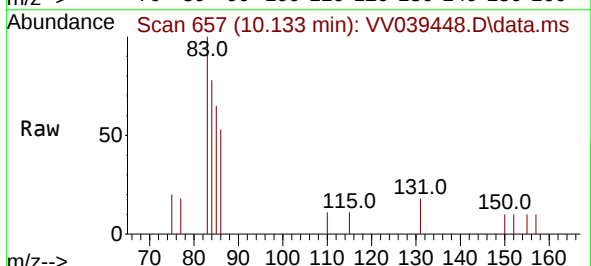
Ion	Ratio	Lower	Upper
107	100		
109	96.3	67.4	125.2
188	11.7	9.4	14.0

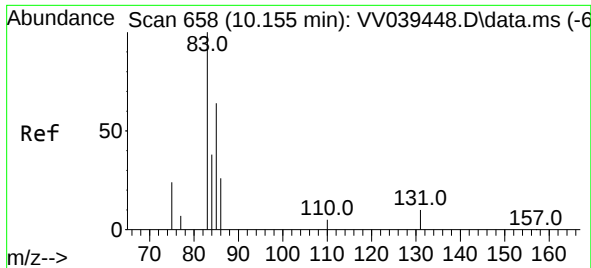


#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.551 ug/L
RT: 10.133 min Scan# 657
Delta R.T. 0.000 min
Lab File: VV039448.D
Acq: 03 Dec 2025 11:25

Tgt Ion: 84 Resp: 1864

Ion	Ratio	Lower	Upper
84	100		
86	63.5	44.4	82.5

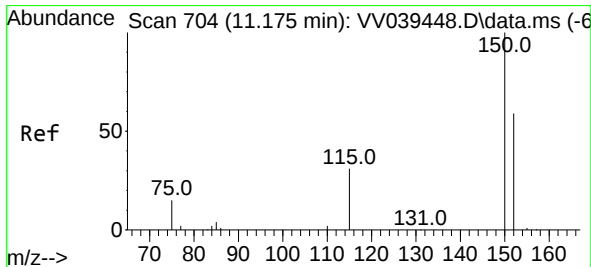
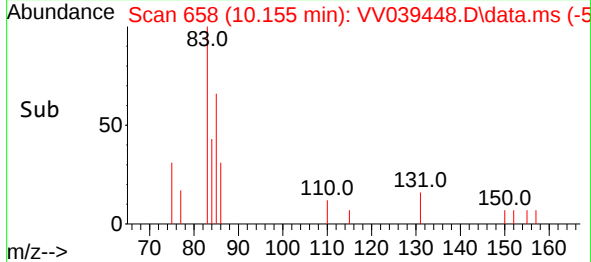
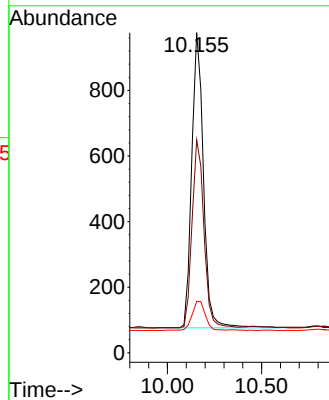
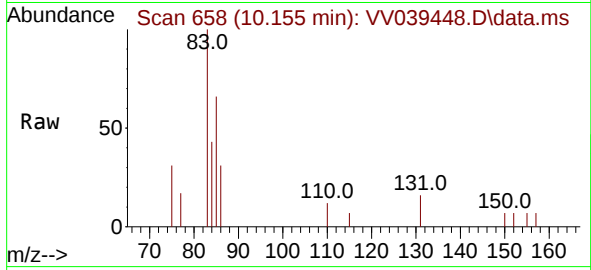




#11
1,1,2,2-Tetrachloroethane
Concen: 0.546 ug/L
RT: 10.155 min Scan# 658
Delta R.T. 0.000 min
Lab File: VV039448.D
Acq: 03 Dec 2025 11:25

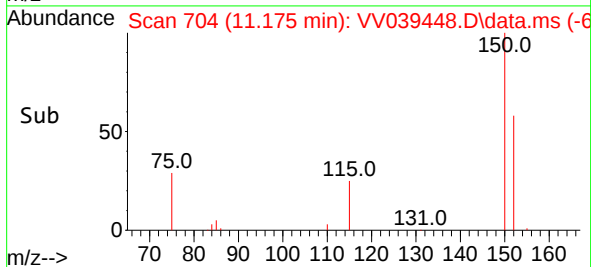
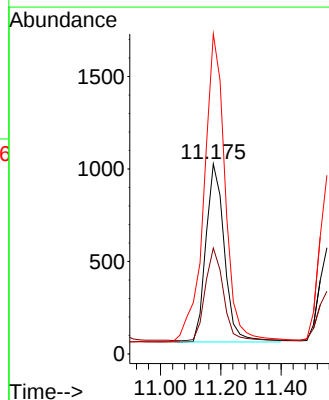
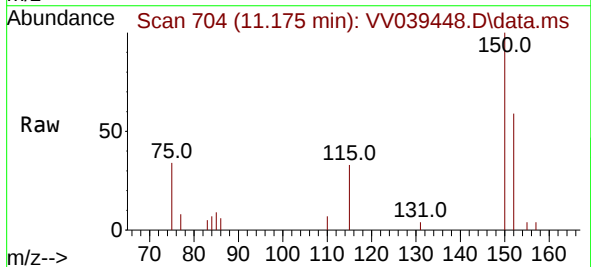
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5272

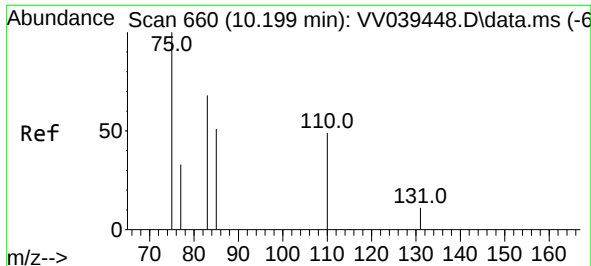
Tgt Ion: 83	Resp:	3894
Ion Ratio	Lower	Upper
83	100	
85	63.8	51.0 76.6
131	10.7	8.6 12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. 0.000 min
Lab File: VV039448.D
Acq: 03 Dec 2025 11:25

Tgt Ion: 152	Resp:	4101
Ion Ratio	Lower	Upper
152	100	
115	50.8	0.0 101.6
150	198.1	0.0 396.2





#13

1,2,3-Trichloropropane

Concen: 0.513 ug/L

RT: 10.199 min Scan# 660

Delta R.T. 0.000 min

Lab File: VV039448.D

Acq: 03 Dec 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5272

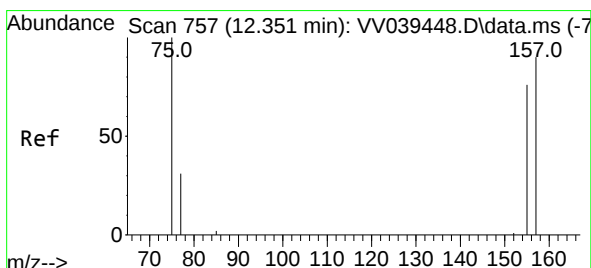
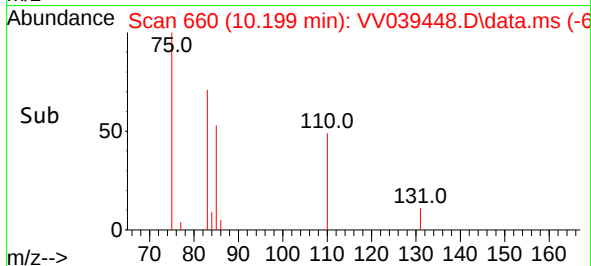
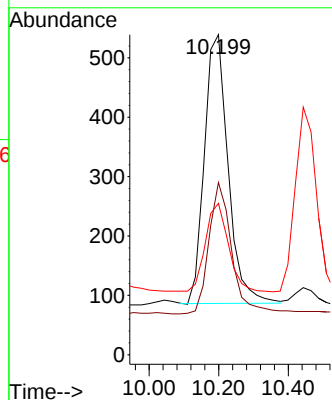
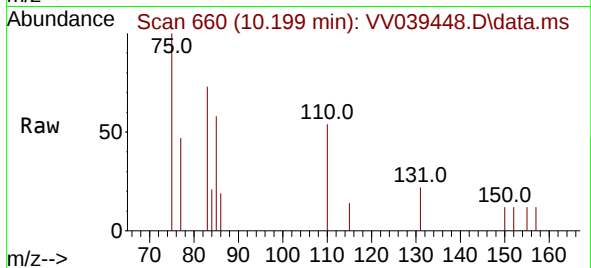
Tgt Ion: 75 Resp: 2150

Ion Ratio Lower Upper

75 100

110 47.2 37.8 56.6

77 32.0 25.6 38.4



#14

1,2-Dibromo-3-chloropropane

Concen: 0.493 ug/L

RT: 12.351 min Scan# 757

Delta R.T. 0.000 min

Lab File: VV039448.D

Acq: 03 Dec 2025 11:25

Tgt Ion: 75 Resp: 431

Ion Ratio Lower Upper

75 100

157 84.7 67.8 101.6

155 77.4 61.9 92.9

