

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039484.D
 Acq On : 05 Dec 2025 16:50
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5336

Quant Time: Dec 05 22:50:09 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)

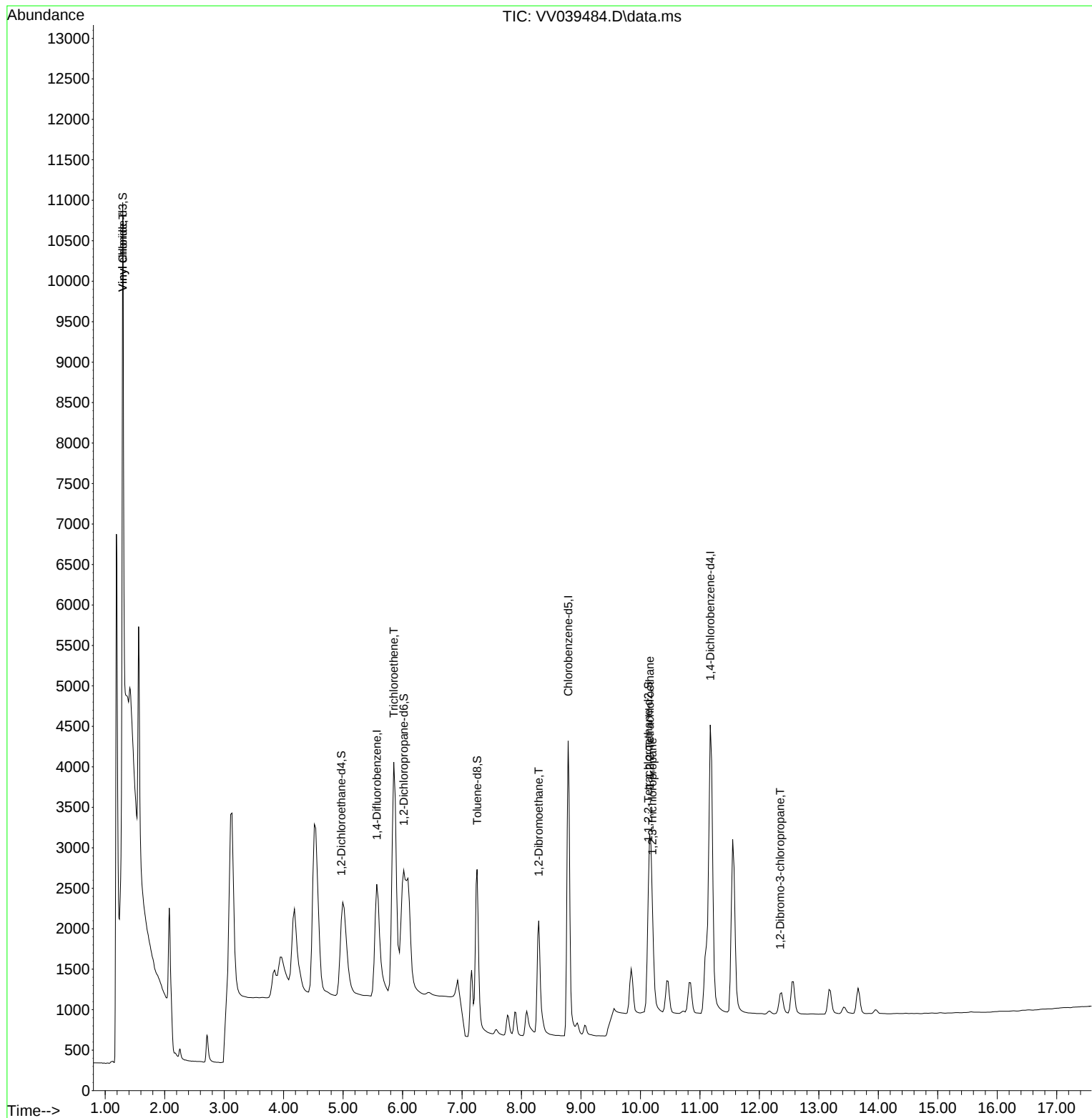
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6239	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6786	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3790	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3559	0.567	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 114.000%			
4) 1,2-Dichloroethane-d4	4.969	65	2069	0.498	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 100.000%			
7) 1,2-Dichloropropane-d6	6.019	67	2925	0.511	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery = 102.000%			
8) Toluene-d8	7.253	98	4583	0.474	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery = 94.000%			
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1690	0.524	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 104.000%			
Target Compounds						
3) Vinyl chloride	1.294	62	6882	0.510	ug/L	# 1
6) Trichloroethene	5.852	95	4189	0.498	ug/L	100
9) 1,2-Dibromoethane	8.290	107	2636	0.474	ug/L	99
11) 1,1,2,2-Tetrachloroethane	10.155	83	3596	0.528	ug/L	100
13) 1,2,3-Trichloropropane	10.199	75	1995	0.500	ug/L	98
14) 1,2-Dibromo-3-chloropr...	12.350	75	394	0.488	ug/L	98

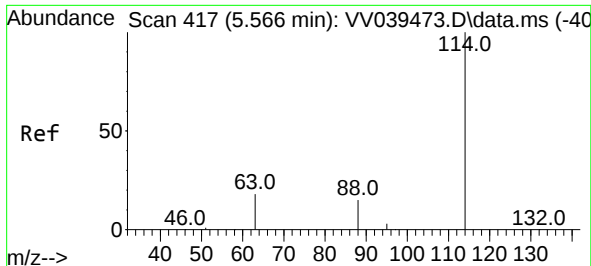
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
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Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5336

Quant Time: Dec 05 22:50:09 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

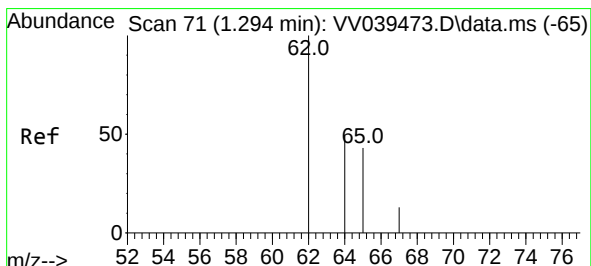
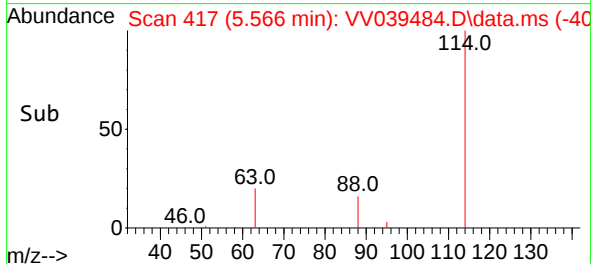
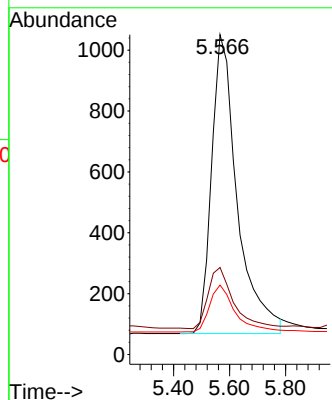
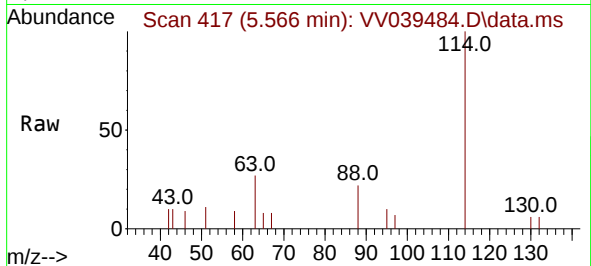




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV039484.D
 Acq: 05 Dec 2025 16:50

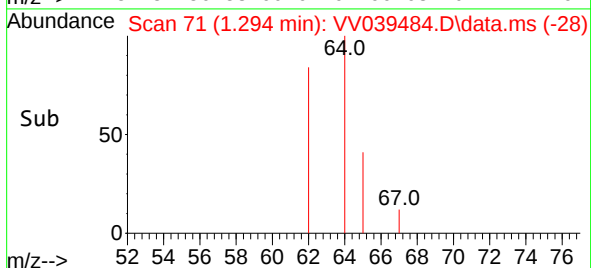
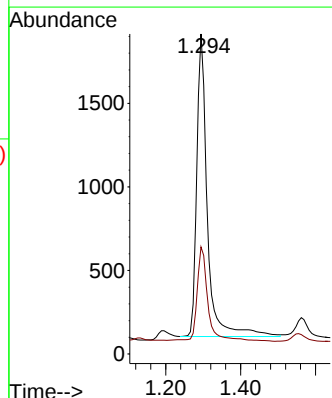
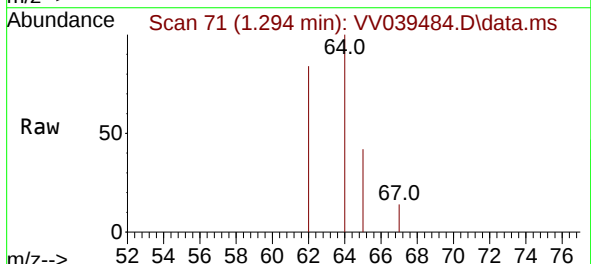
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5336

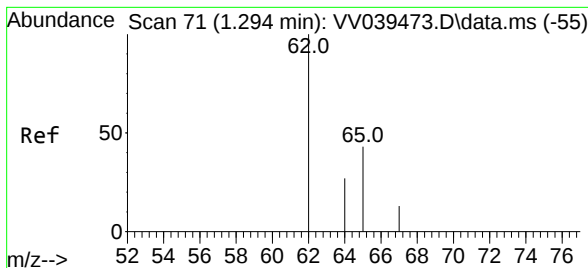
Tgt Ion:	114	Resp:	6239
Ion	Ratio	Lower	Upper
114	100		
63	20.2	15.0	22.4
88	15.6	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.567 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039484.D
 Acq: 05 Dec 2025 16:50

Tgt Ion:	65	Resp:	3559
Ion	Ratio	Lower	Upper
65	100		
67	32.7	22.3	41.5

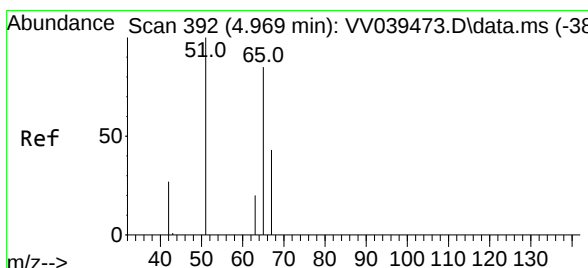
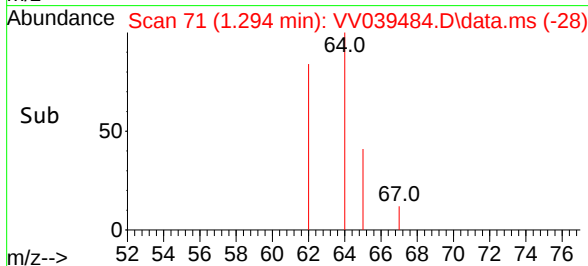
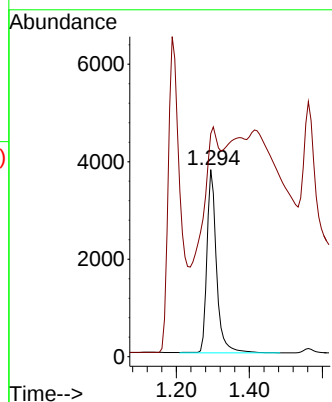
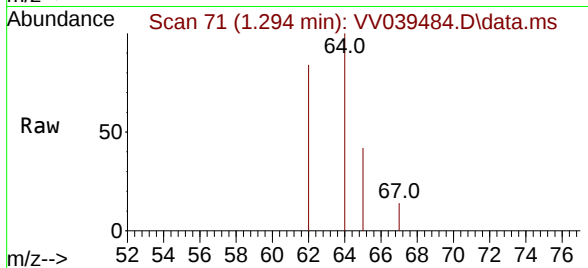




#3
 Vinyl chloride
 Concen: 0.510 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039484.D
 Acq: 05 Dec 2025 16:50

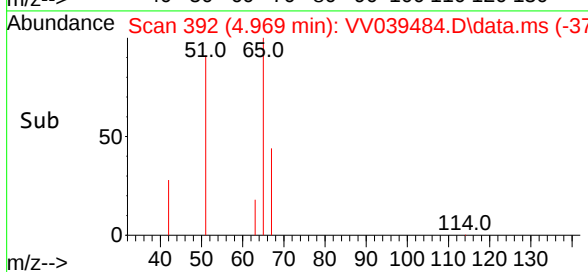
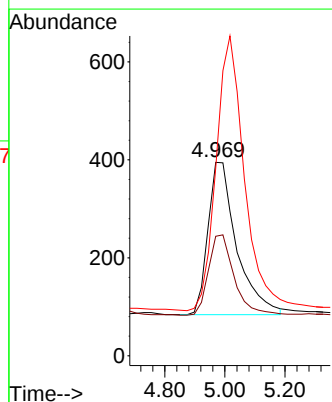
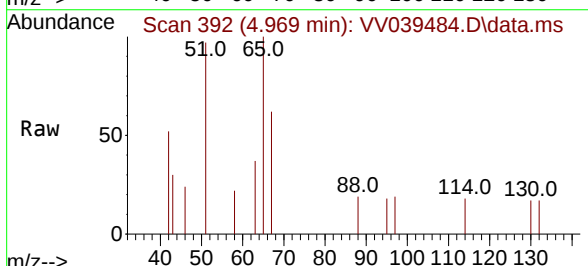
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5336

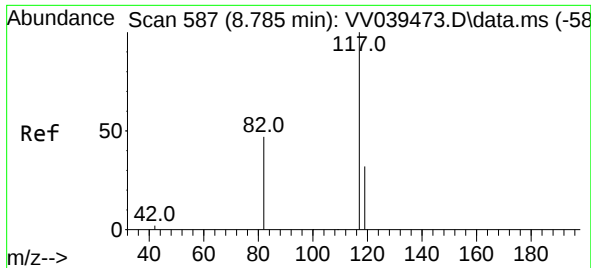
Tgt Ion: 62 Resp: 6882
 Ion Ratio Lower Upper
 62 100
 64 119.2 24.8 46.0#



#4
 1,2-Dichloroethane-d4
 Concen: 0.498 ug/L
 RT: 4.969 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV039484.D
 Acq: 05 Dec 2025 16:50

Tgt Ion: 65 Resp: 2069
 Ion Ratio Lower Upper
 65 100
 67 47.1 32.5 60.3
 51 176.6 121.4 225.6

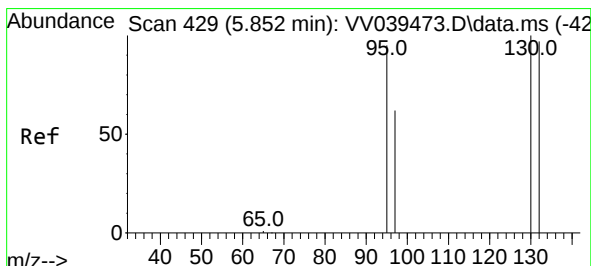
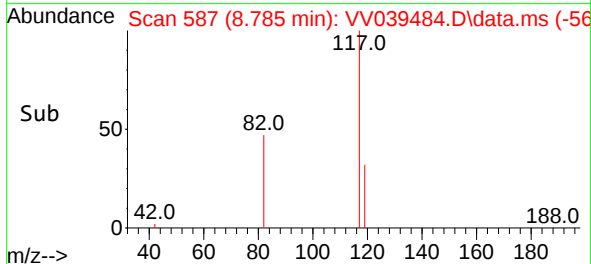
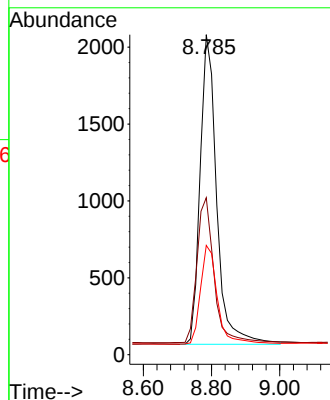
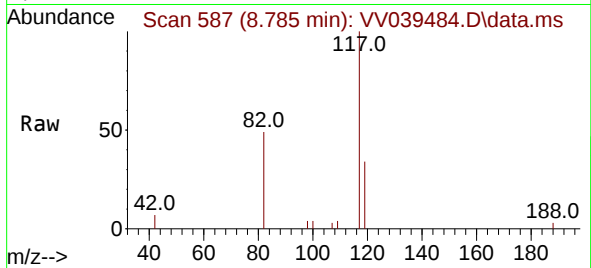




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV039484.D
Acq: 05 Dec 2025 16:50

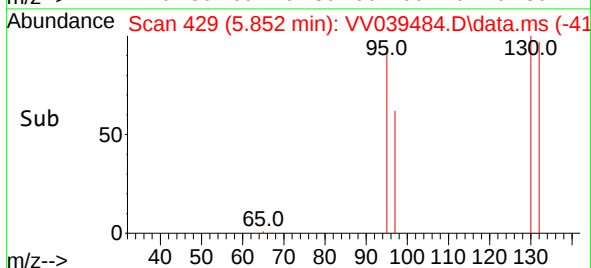
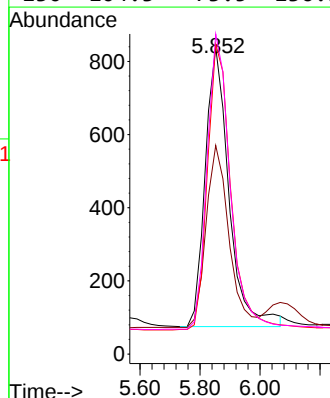
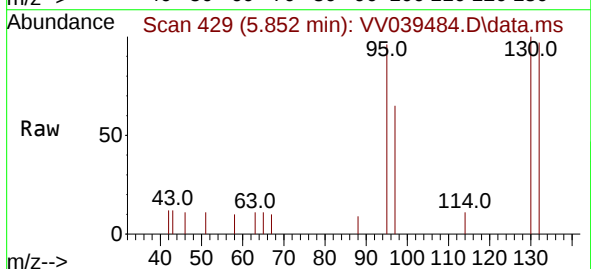
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5336

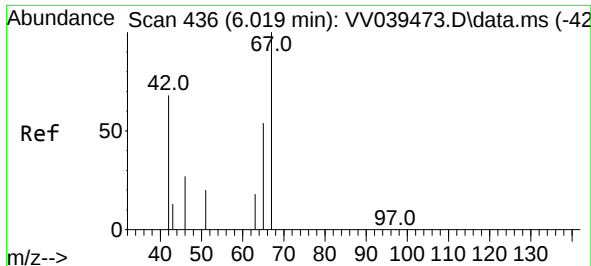
Tgt Ion:	117	Resp:	6786
Ion	Ratio	Lower	Upper
117	100		
82	48.3	39.4	59.2
119	32.6	26.2	39.2



#6
Trichloroethene
Concen: 0.498 ug/L
RT: 5.852 min Scan# 429
Delta R.T. -0.000 min
Lab File: VV039484.D
Acq: 05 Dec 2025 16:50

Tgt Ion:	95	Resp:	4189
Ion	Ratio	Lower	Upper
95	100		
97	67.9	47.7	88.7
132	101.1	70.8	131.4
130	104.3	73.5	136.5



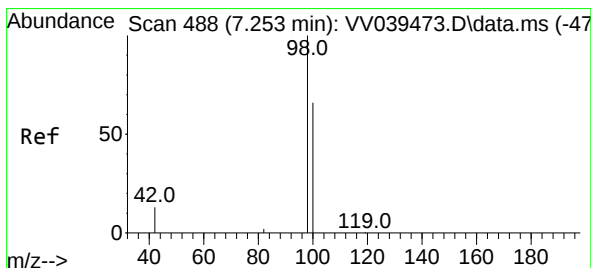
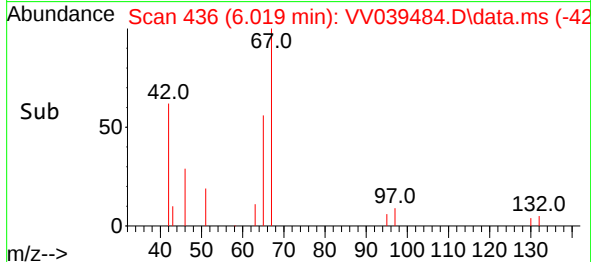
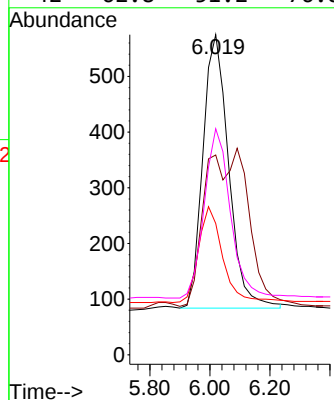
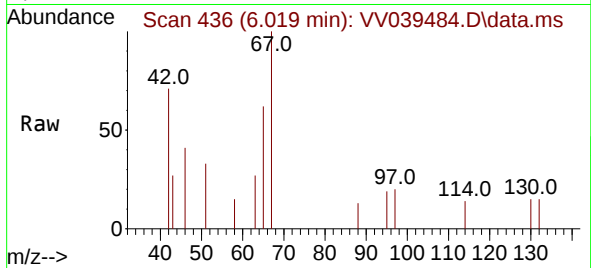


#7
1,2-Dichloropropane-d6
Concen: 0.511 ug/L
RT: 6.019 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039484.D
Acq: 05 Dec 2025 16:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5336

Tgt Ion: 67 Resp: 2925

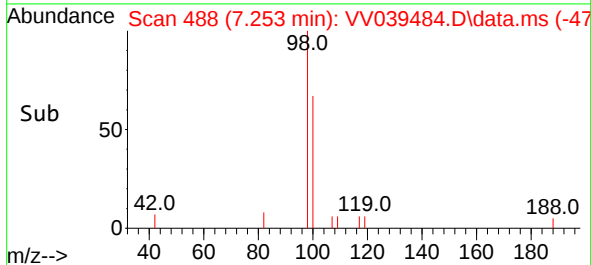
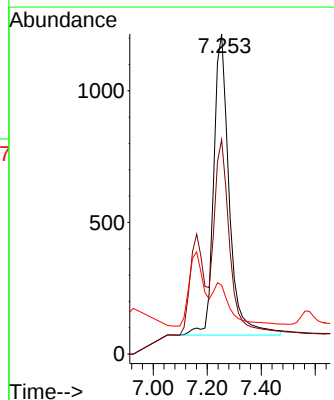
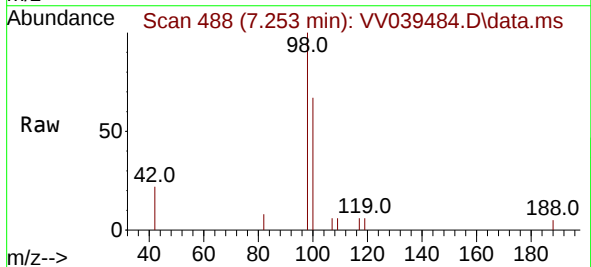
Ion	Ratio	Lower	Upper
67	100		
65	47.6	37.9	56.9
46	33.1	27.4	41.0
42	62.8	51.2	76.8

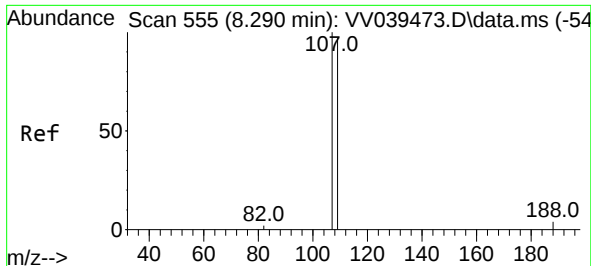


#8
Toluene-d8
Concen: 0.474 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039484.D
Acq: 05 Dec 2025 16:50

Tgt Ion: 98 Resp: 4583

Ion	Ratio	Lower	Upper
98	100		
100	60.7	44.5	82.7
42	15.0	10.1	18.7

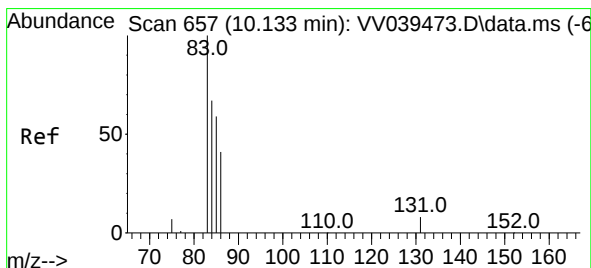
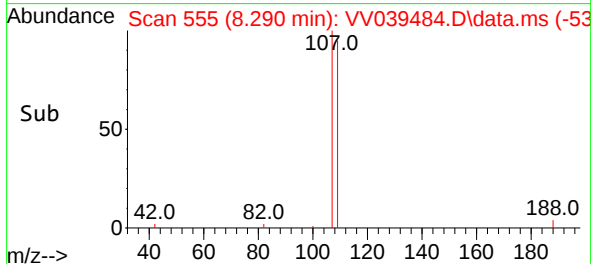
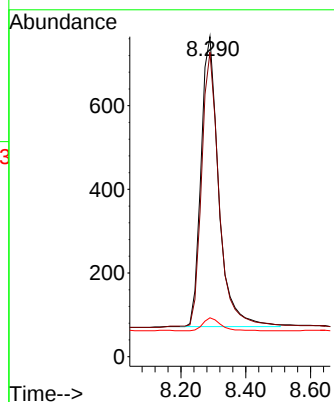
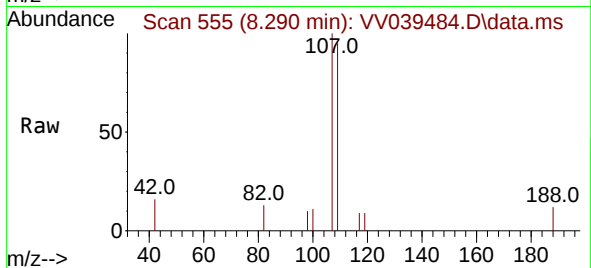




#9
1,2-Dibromoethane
Concen: 0.474 ug/L
RT: 8.290 min Scan# 555
Delta R.T. -0.000 min
Lab File: VV039484.D
Acq: 05 Dec 2025 16:50

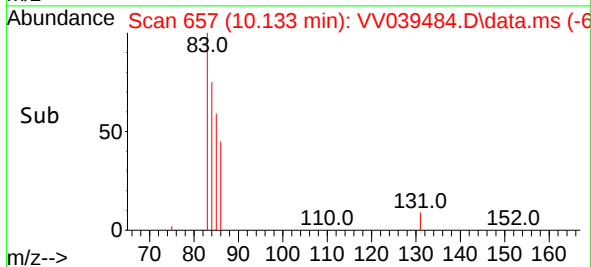
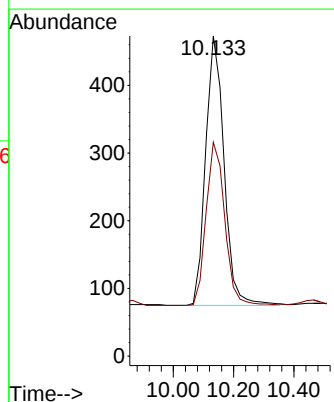
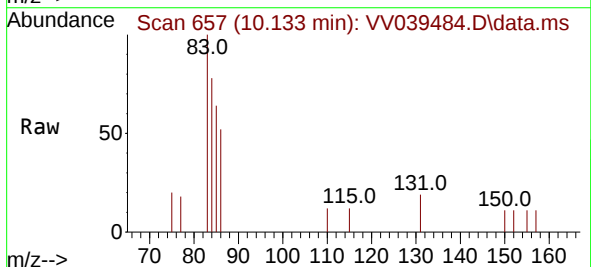
Instrument :
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ClientSampleId :
VSTD0.5336

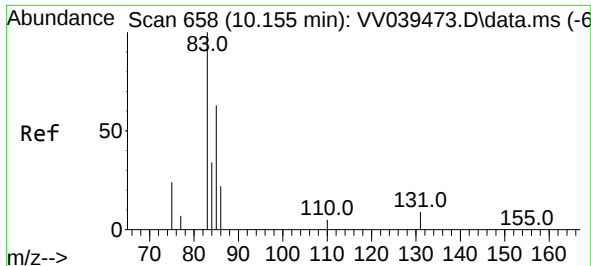
Tgt Ion:107 Resp: 2636
Ion Ratio Lower Upper
107 100
109 95.2 67.4 125.2
188 12.2 9.4 14.0



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.524 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039484.D
Acq: 05 Dec 2025 16:50

Tgt Ion: 84 Resp: 1690
Ion Ratio Lower Upper
84 100
86 61.1 44.4 82.5

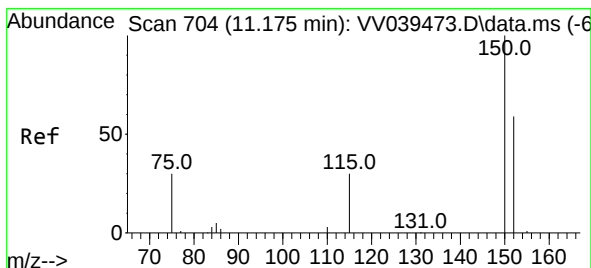
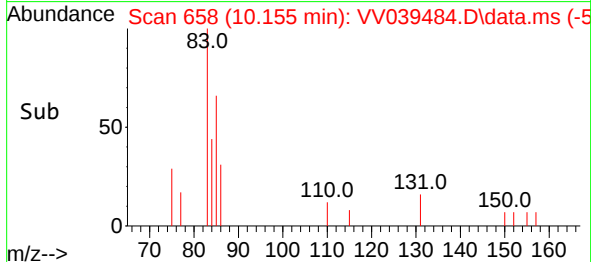
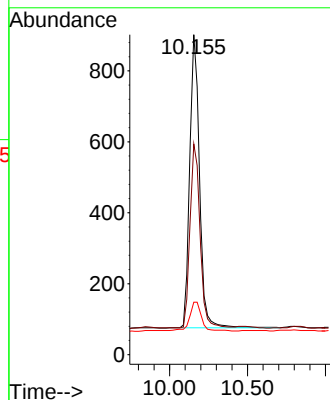
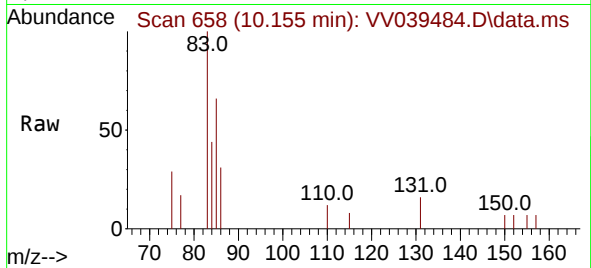




#11
1,1,2,2-Tetrachloroethane
Concen: 0.528 ug/L
RT: 10.155 min Scan# 611
Delta R.T. -0.000 min
Lab File: VV039484.D
Acq: 05 Dec 2025 16:50

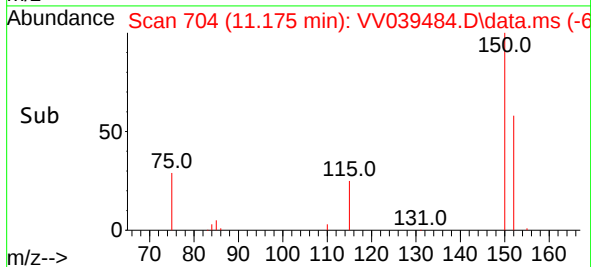
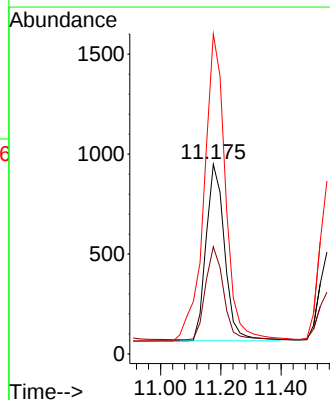
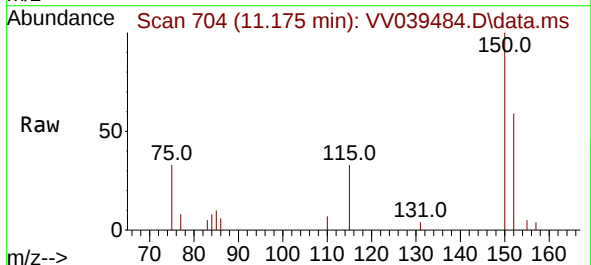
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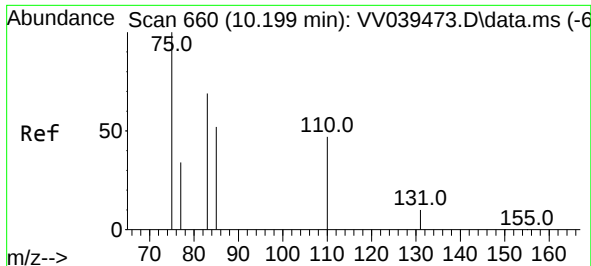
Tgt Ion: 83	Resp:	3596	
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.0	76.6
131	11.2	8.6	12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. -0.000 min
Lab File: VV039484.D
Acq: 05 Dec 2025 16:50

Tgt Ion:152	Resp:	3790	
Ion	Ratio	Lower	Upper
152	100		
115	51.4	0.0	101.6
150	200.0	0.0	396.2





#13

1,2,3-Trichloropropane

Concen: 0.500 ug/L

RT: 10.199 min Scan# 660

Delta R.T. -0.000 min

Lab File: VV039484.D

Acq: 05 Dec 2025 16:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5336

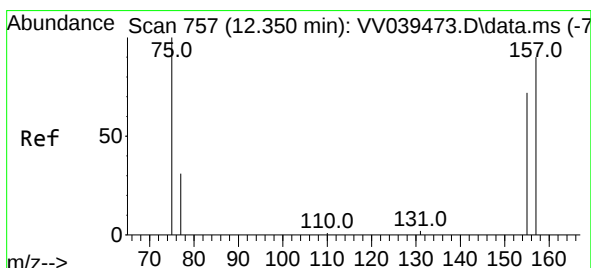
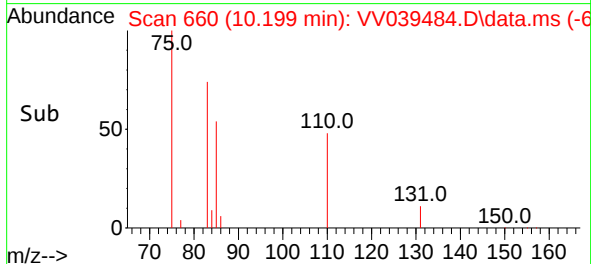
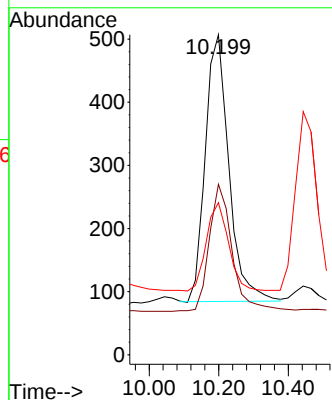
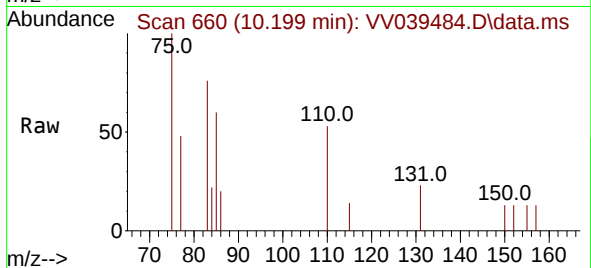
Tgt Ion: 75 Resp: 1995

Ion Ratio Lower Upper

75 100

110 46.2 37.8 56.6

77 30.5 25.6 38.4



#14

1,2-Dibromo-3-chloropropane

Concen: 0.488 ug/L

RT: 12.350 min Scan# 757

Delta R.T. -0.000 min

Lab File: VV039484.D

Acq: 05 Dec 2025 16:50

Tgt Ion: 75 Resp: 394

Ion Ratio Lower Upper

75 100

157 83.3 67.8 101.6

155 74.4 61.9 92.9

