

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039471.D
 Acq On : 04 Dec 2025 16:56
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC0.5EC

Quant Time: Dec 05 00:26:58 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)

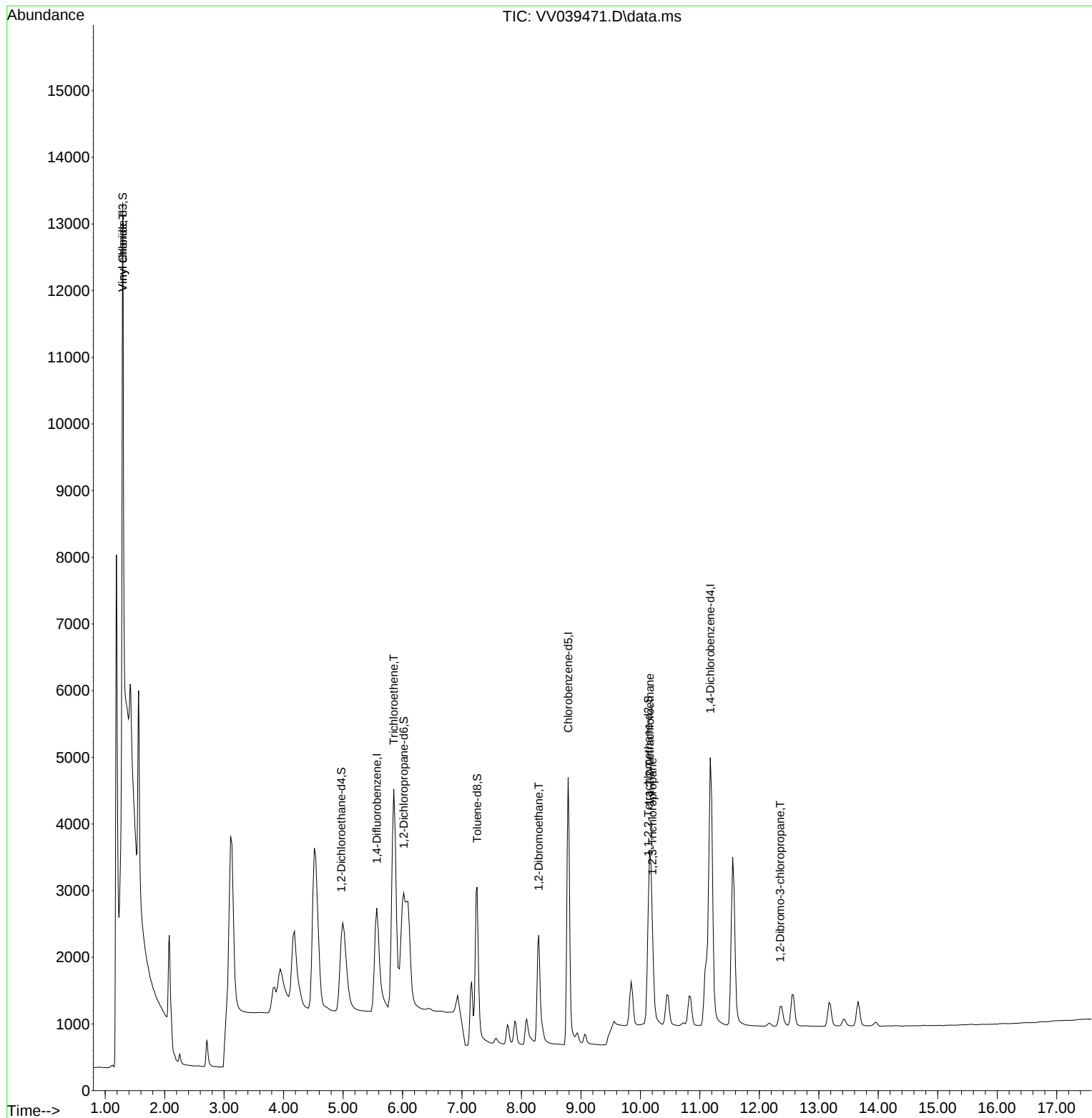
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6921	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7314	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	4168	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3966	0.570	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	4.970	65	2331	0.506	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.000%
7) 1,2-Dichloropropane-d6	6.020	67	3374	0.547	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	110.000%
8) Toluene-d8	7.254	98	5330	0.512	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1967	0.566	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	114.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.295	62	7682	0.513	ug/L	# 1
6) Trichloroethene	5.853	95	4720	0.521	ug/L	99
9) 1,2-Dibromoethane	8.290	107	3092	0.516	ug/L	100
11) 1,1,2,2-Tetrachloroethane	10.155	83	4141	0.564	ug/L	99
13) 1,2,3-Trichloropropane	10.200	75	2302	0.525	ug/L	97
14) 1,2-Dibromo-3-chloropr...	12.351	75	447	0.503	ug/L	99

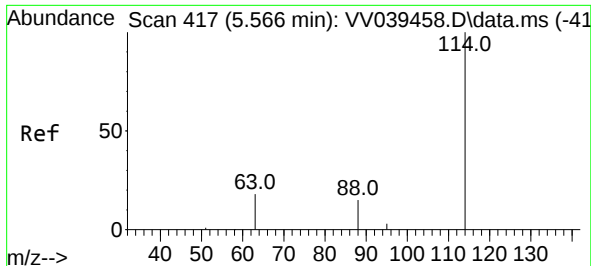
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VSTDCCC0.5EC

Quant Time: Dec 05 00:26:58 2025
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Quant Title : TRACE VOA SOM01.0
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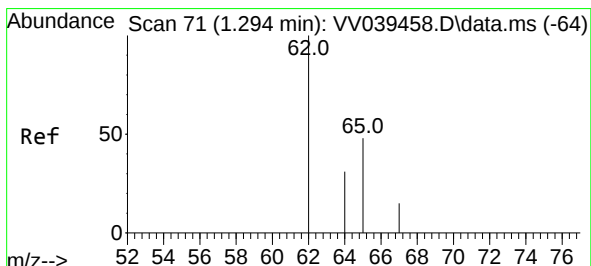
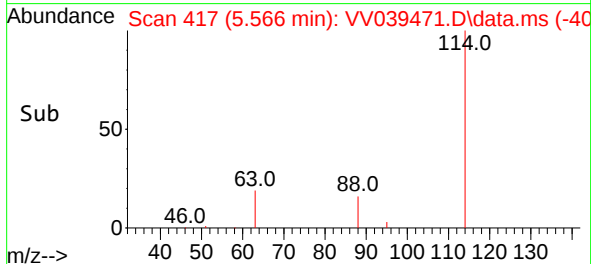
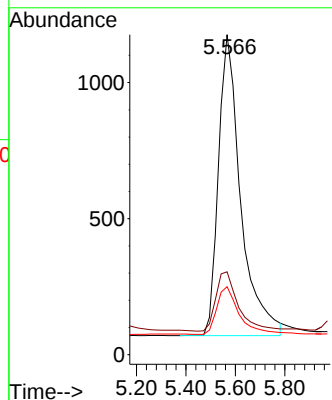
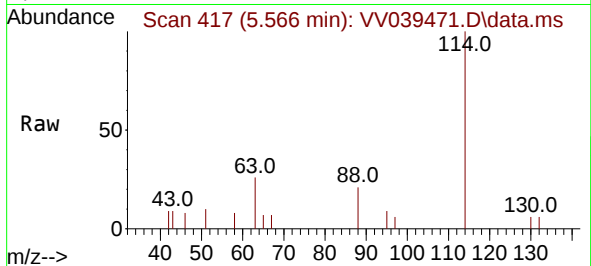




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

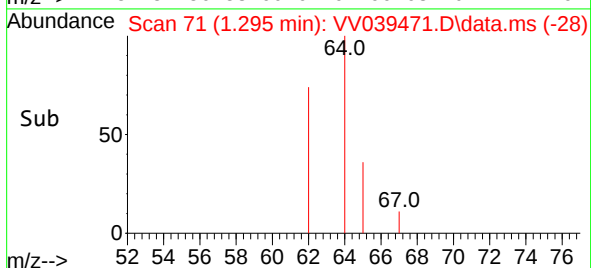
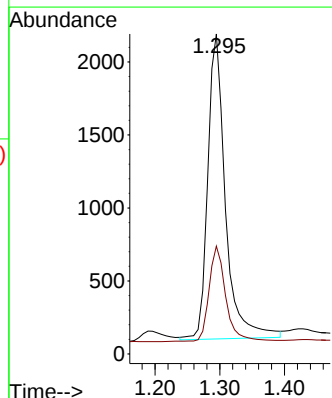
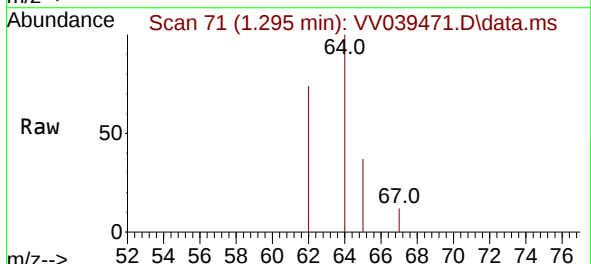
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC0.5EC

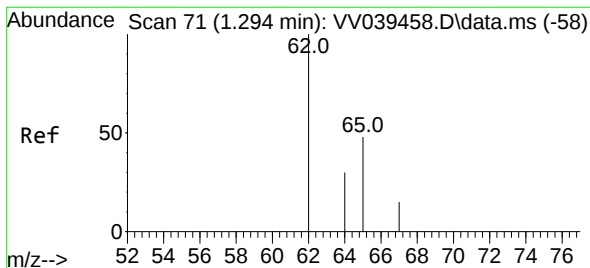
Tgt Ion:114 Resp: 6921
Ion Ratio Lower Upper
114 100
63 19.9 15.0 22.4
88 15.7 12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.570 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

Tgt Ion: 65 Resp: 3966
Ion Ratio Lower Upper
65 100
67 30.1 22.3 41.5

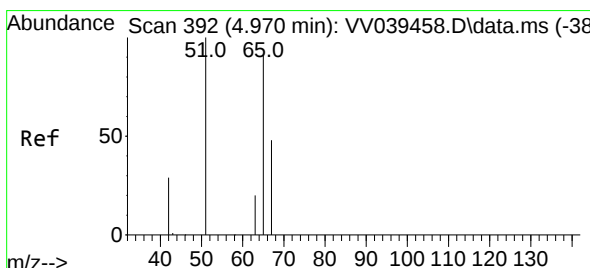
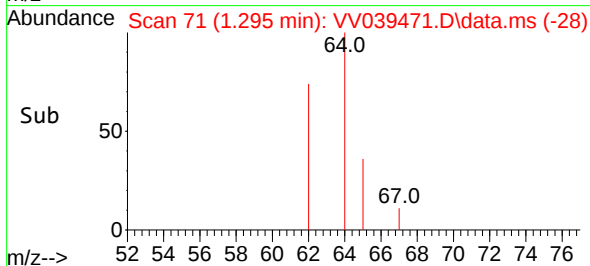
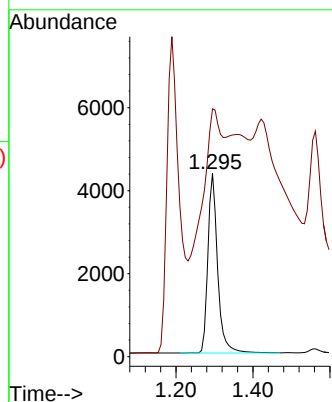
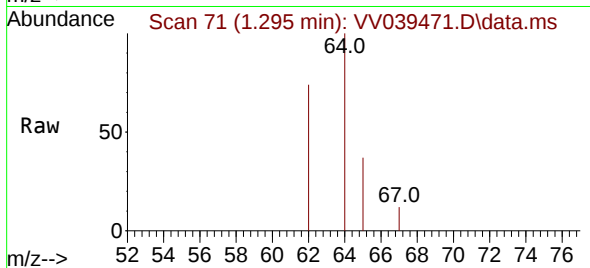




#3
Vinyl chloride
Concen: 0.513 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

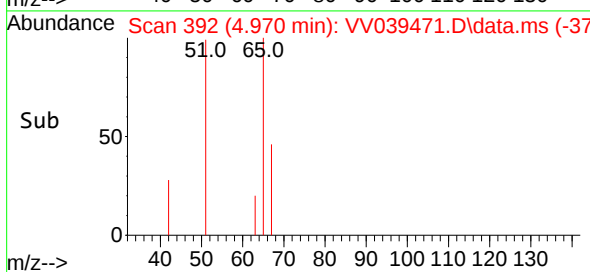
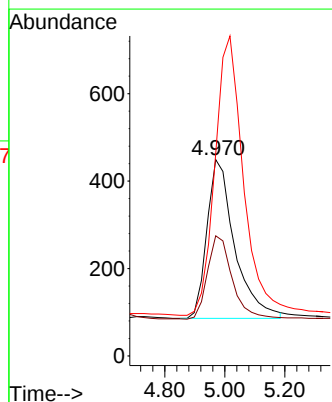
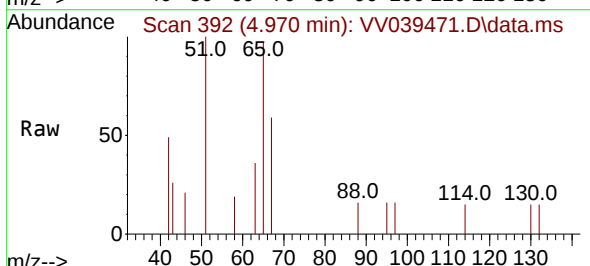
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC0.5EC

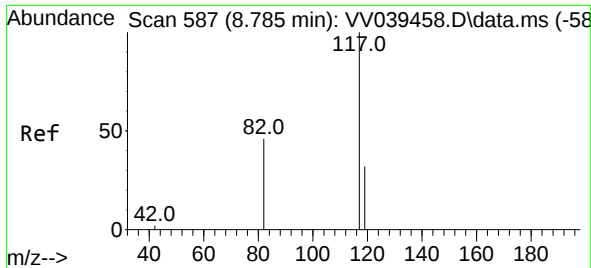
Tgt Ion: 62 Resp: 7682
Ion Ratio Lower Upper
62 100
64 135.3 24.8 46.0#



#4
1,2-Dichloroethane-d4
Concen: 0.506 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

Tgt Ion: 65 Resp: 2331
Ion Ratio Lower Upper
65 100
67 46.4 32.5 60.3
51 179.6 121.4 225.6

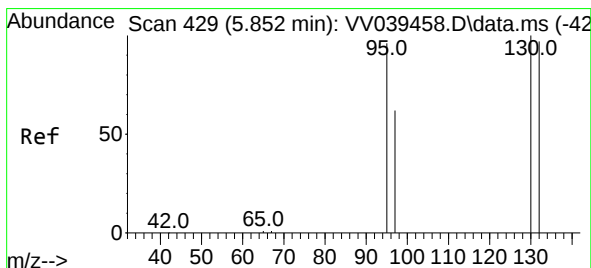
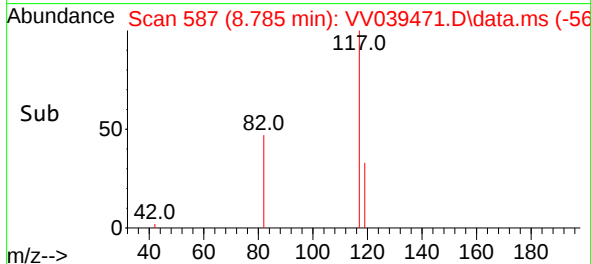
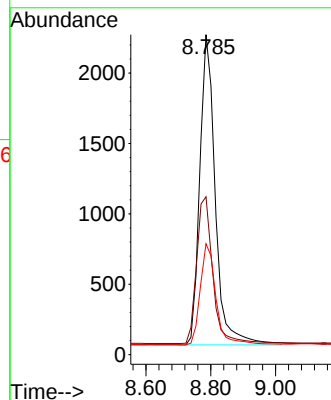
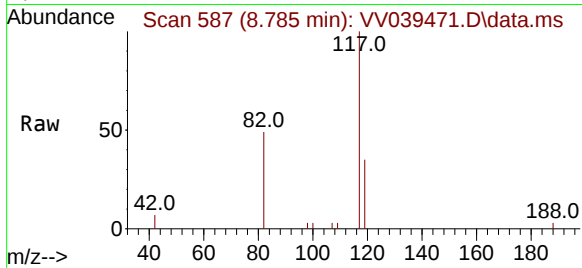




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

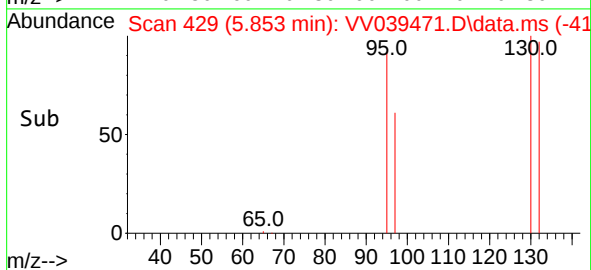
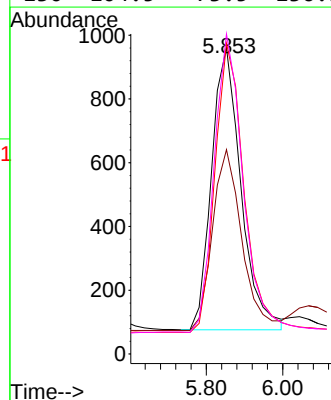
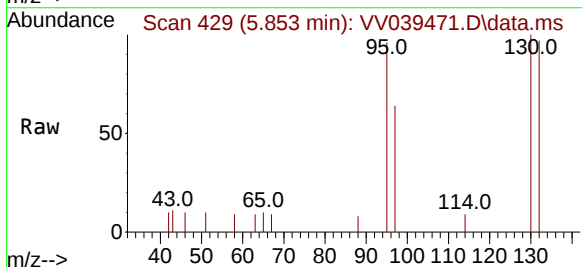
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC0.5EC

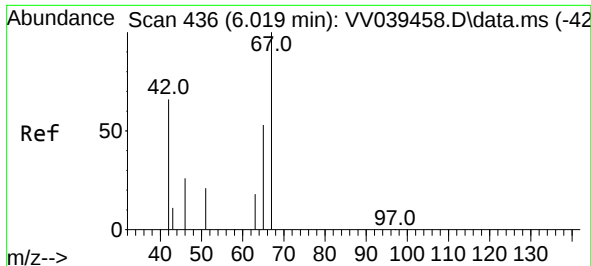
Tgt Ion:	117	Resp:	7314
Ion	Ratio	Lower	Upper
117	100		
82	49.3	39.4	59.2
119	32.9	26.2	39.2



#6
Trichloroethene
Concen: 0.521 ug/L
RT: 5.853 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

Tgt Ion:	95	Resp:	4720
Ion	Ratio	Lower	Upper
95	100		
97	66.7	47.7	88.7
132	101.5	70.8	131.4
130	104.5	73.5	136.5



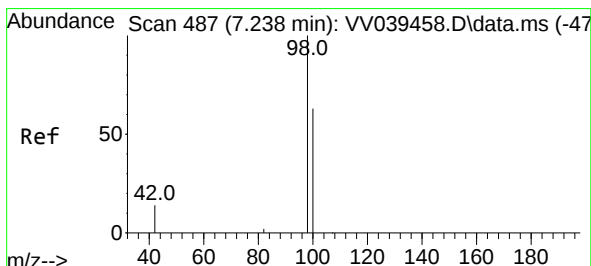
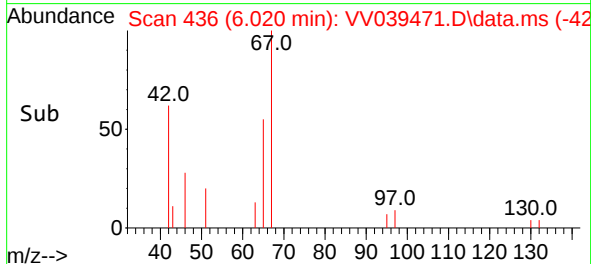
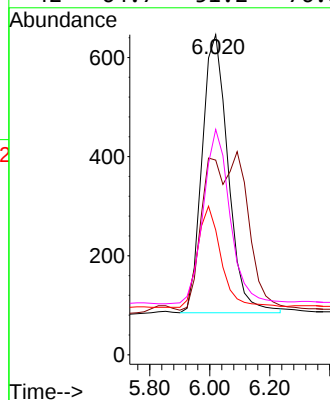
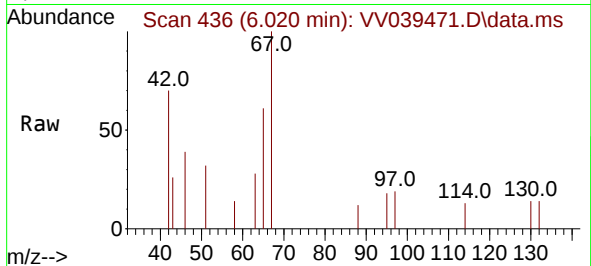


#7
1,2-Dichloropropane-d6
Concen: 0.547 ug/L
RT: 6.020 min Scan# 41
Delta R.T. 0.001 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC0.5EC

Tgt Ion: 67 Resp: 3374

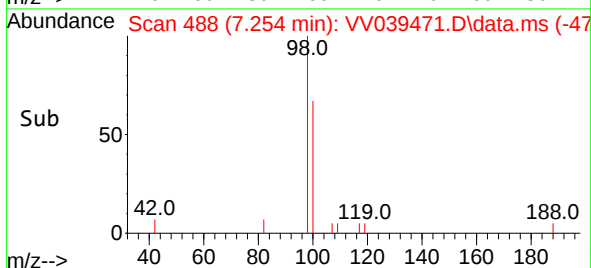
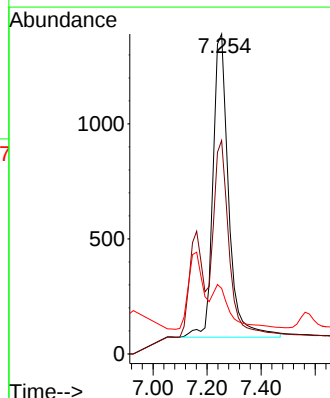
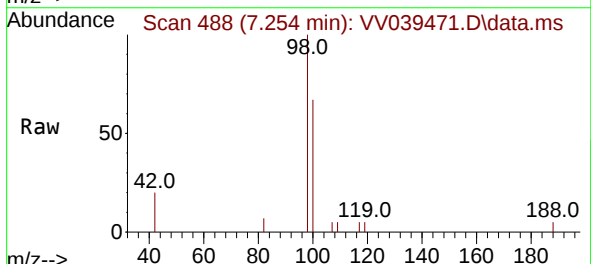
Ion	Ratio	Lower	Upper
67	100		
65	47.8	37.9	56.9
46	33.0	27.4	41.0
42	64.7	51.2	76.8

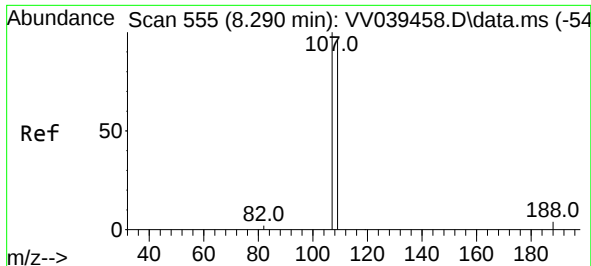


#8
Toluene-d8
Concen: 0.512 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

Tgt Ion: 98 Resp: 5330

Ion	Ratio	Lower	Upper
98	100		
100	63.7	44.5	82.7
42	15.2	10.1	18.7

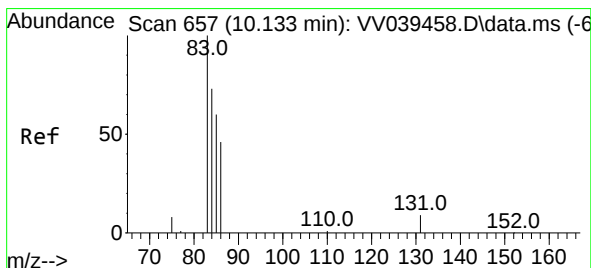
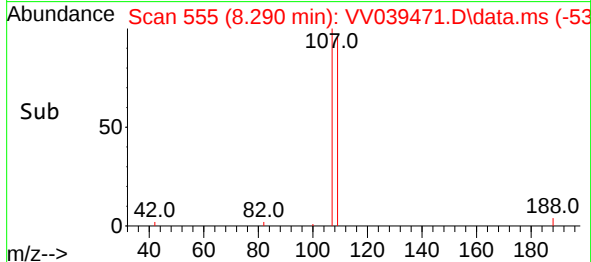
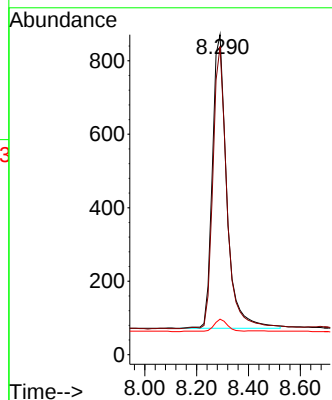
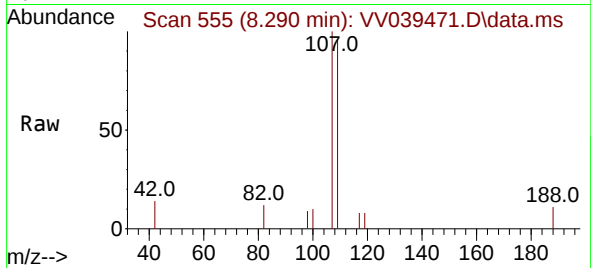




#9
 1,2-Dibromoethane
 Concen: 0.516 ug/L
 RT: 8.290 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VV039471.D
 Acq: 04 Dec 2025 16:56

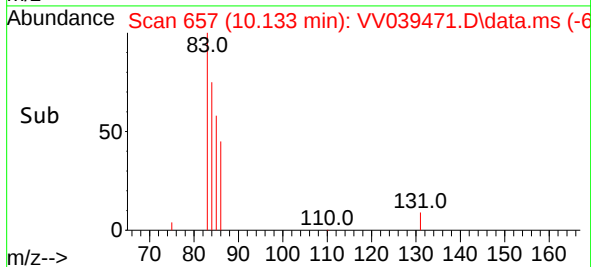
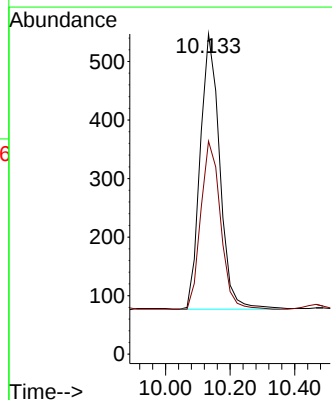
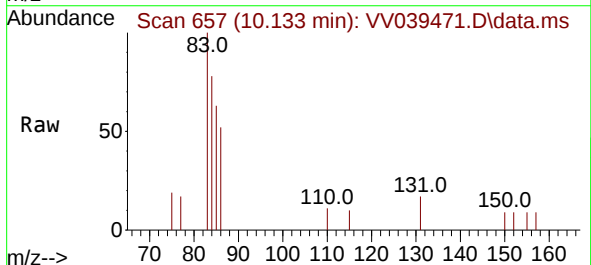
Instrument :
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 ClientSampleId :
 VSTDCCC0.5EC

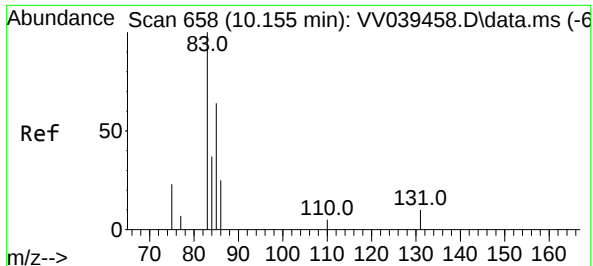
Tgt Ion:107 Resp: 3092
 Ion Ratio Lower Upper
 107 100
 109 96.3 67.4 125.2
 188 11.1 9.4 14.0



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.566 ug/L
 RT: 10.133 min Scan# 657
 Delta R.T. 0.000 min
 Lab File: VV039471.D
 Acq: 04 Dec 2025 16:56

Tgt Ion: 84 Resp: 1967
 Ion Ratio Lower Upper
 84 100
 86 61.6 44.4 82.5

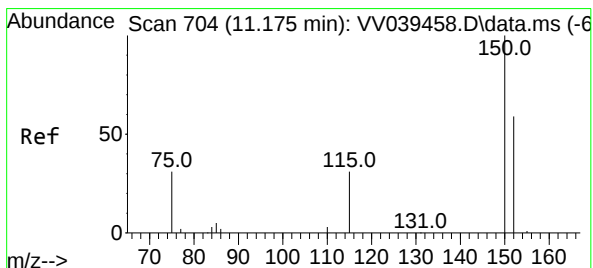
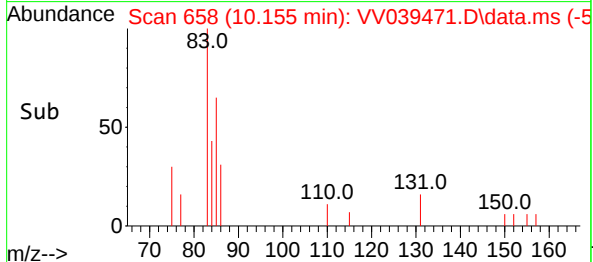
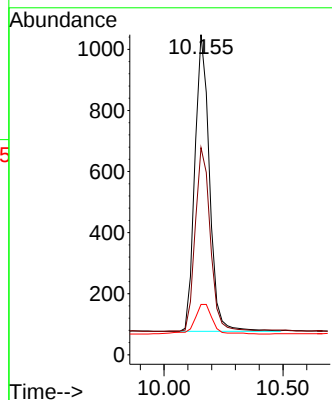
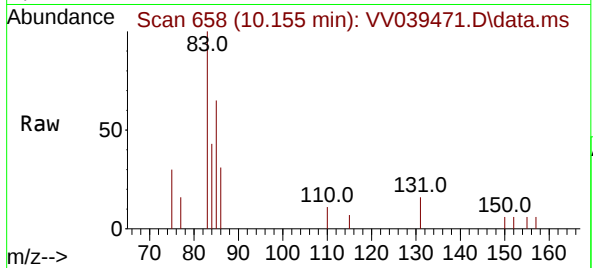




#11
1,1,2,2-Tetrachloroethane
Concen: 0.564 ug/L
RT: 10.155 min Scan# 658
Delta R.T. 0.000 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

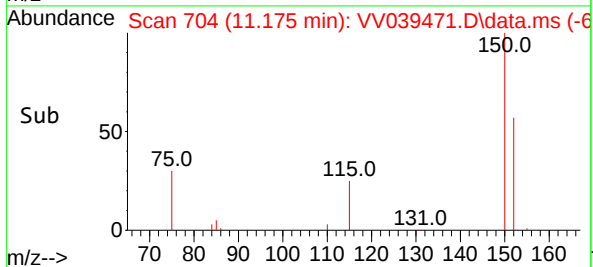
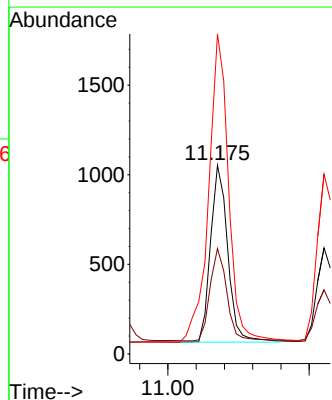
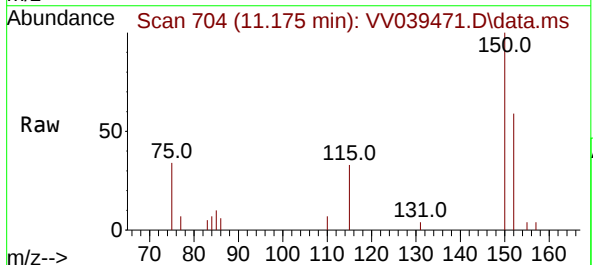
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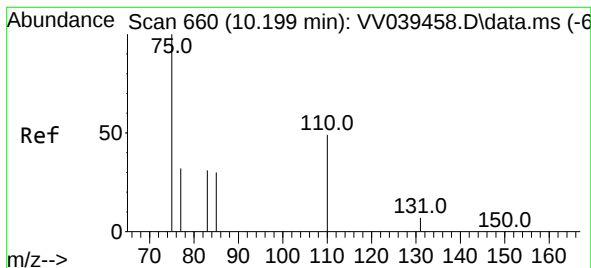
Tgt Ion:	83	Resp:	4141
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.0	76.6
131	11.5	8.6	12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. 0.000 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

Tgt Ion:	152	Resp:	4168
Ion	Ratio	Lower	Upper
152	100		
115	51.1	0.0	101.6
150	201.3	0.0	396.2





#13

1,2,3-Trichloropropane

Concen: 0.525 ug/L

RT: 10.200 min Scan# 660

Delta R.T. 0.000 min

Lab File: VV039471.D

Acq: 04 Dec 2025 16:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC0.5EC

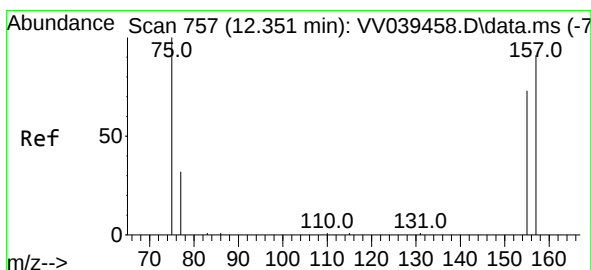
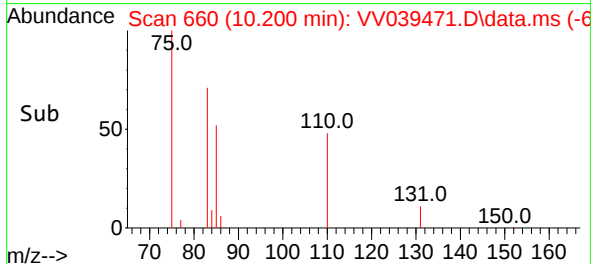
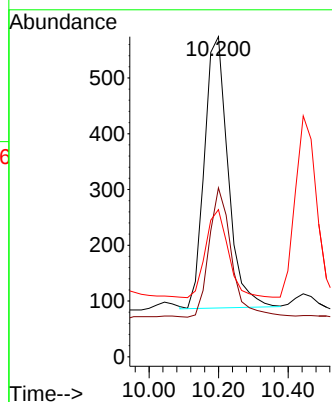
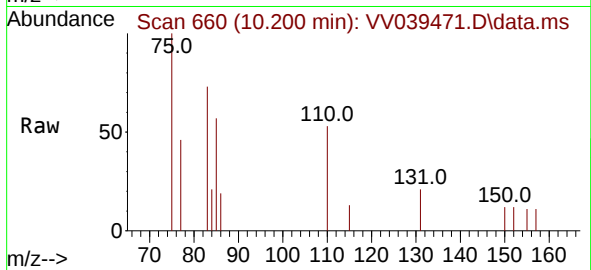
Tgt Ion: 75 Resp: 2302

Ion Ratio Lower Upper

75 100

110 45.3 37.8 56.6

77 30.6 25.6 38.4



#14

1,2-Dibromo-3-chloropropane

Concen: 0.503 ug/L

RT: 12.351 min Scan# 757

Delta R.T. 0.000 min

Lab File: VV039471.D

Acq: 04 Dec 2025 16:56

Tgt Ion: 75 Resp: 447

Ion Ratio Lower Upper

75 100

157 84.6 67.8 101.6

155 75.8 61.9 92.9

