

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039473.D
 Acq On : 05 Dec 2025 11:47
 Operator : SY/MD
 Sample : VSTDCCC0.5
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5335

Quant Time: Dec 05 22:46:18 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)

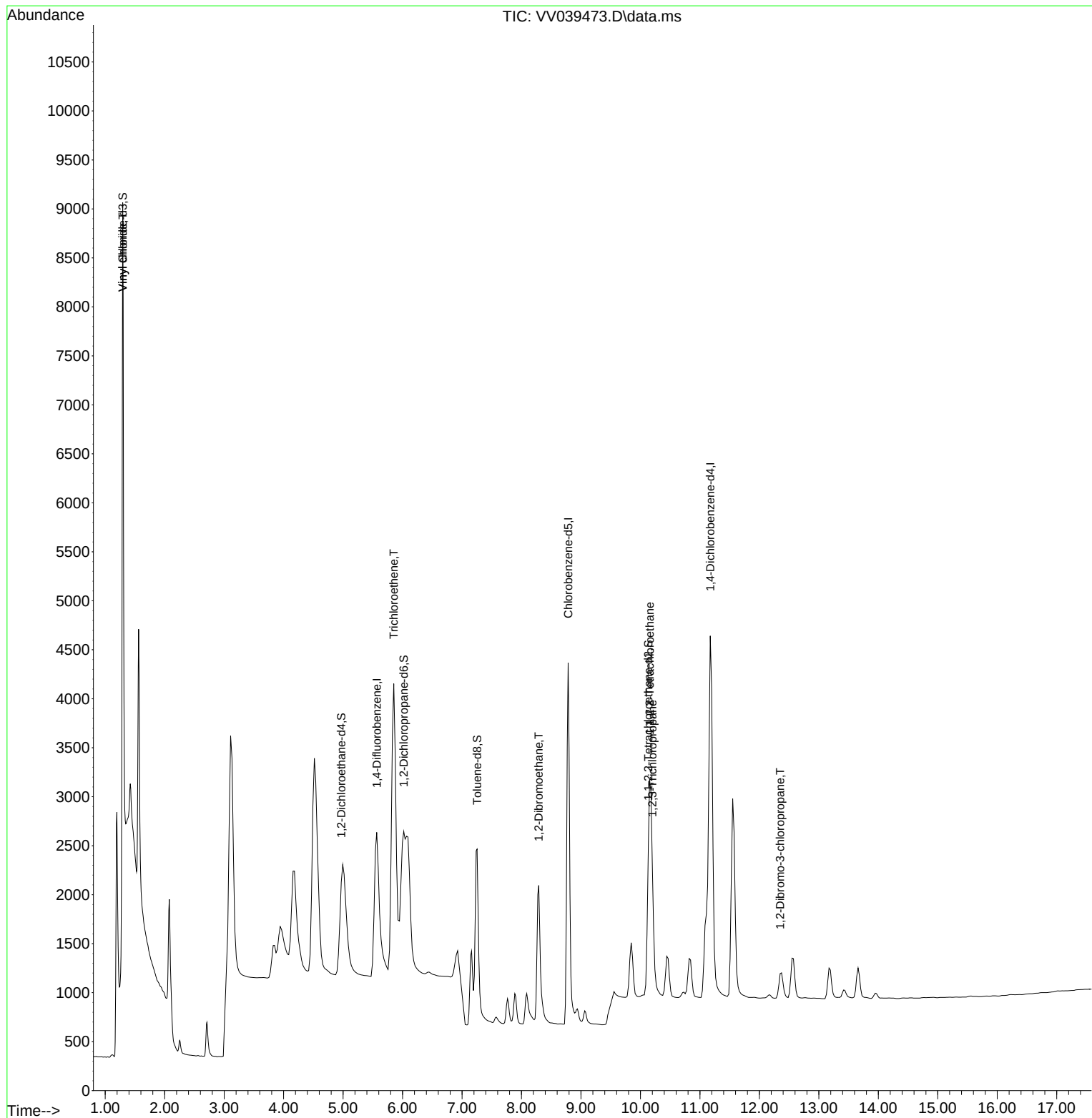
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6700	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6813	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3959	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3018	0.448	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	90.000%
4) 1,2-Dichloroethane-d4	4.969	65	1917	0.430	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
7) 1,2-Dichloropropane-d6	6.019	67	2766	0.481	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	96.000%
8) Toluene-d8	7.253	98	4131	0.426	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1536	0.474	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	6966	0.481	ug/L #	42
6) Trichloroethene	5.852	95	4447	0.527	ug/L	99
9) 1,2-Dibromoethane	8.290	107	2666	0.478	ug/L	99
11) 1,1,2,2-Tetrachloroethane	10.155	83	3617	0.529	ug/L	100
13) 1,2,3-Trichloropropane	10.199	75	2023	0.486	ug/L	97
14) 1,2-Dibromo-3-chloropr...	12.350	75	390	0.462	ug/L	99

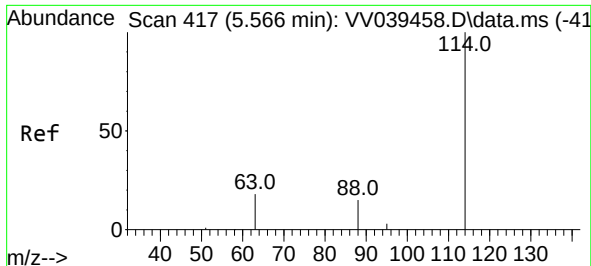
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
Data File : VV039473.D
Acq On : 05 Dec 2025 11:47
Operator : SY/MD
Sample : VSTDCCC0.5
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5335

Quant Time: Dec 05 22:46:18 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

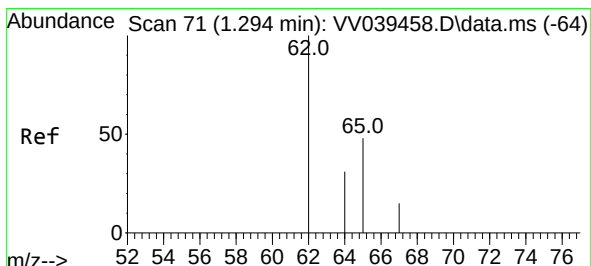
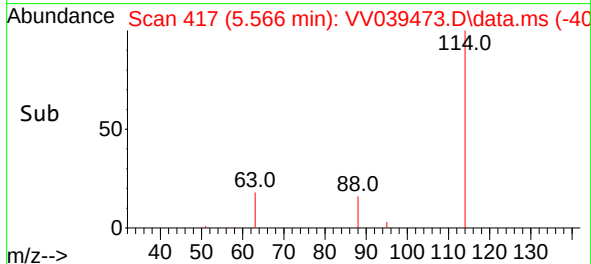
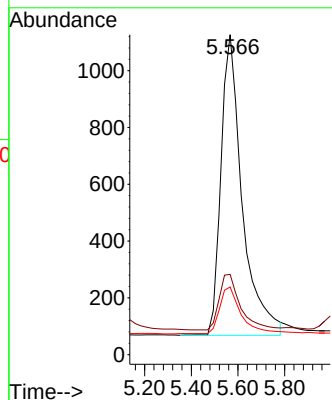
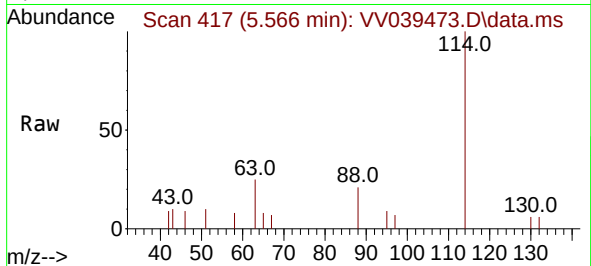




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV039473.D
Acq: 05 Dec 2025 11:47

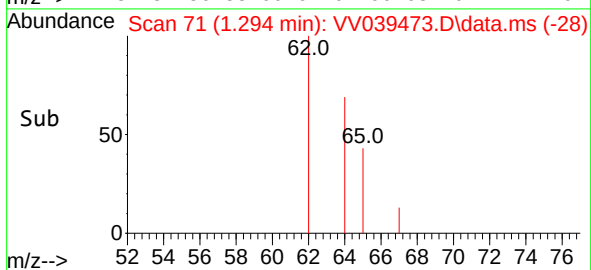
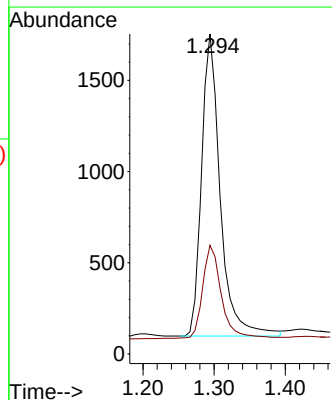
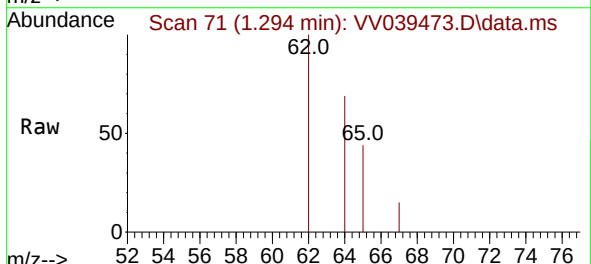
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5335

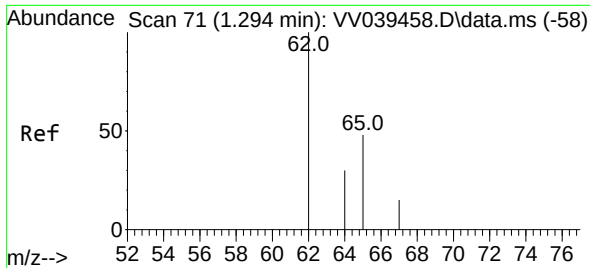
Tgt Ion:114 Resp: 6700
Ion Ratio Lower Upper
114 100
63 18.5 15.0 22.4
88 15.4 12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.448 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039473.D
Acq: 05 Dec 2025 11:47

Tgt Ion: 65 Resp: 3018
Ion Ratio Lower Upper
65 100
67 32.1 22.3 41.5





#3
Vinyl chloride
Concen: 0.481 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039473.D
Acq: 05 Dec 2025 11:47

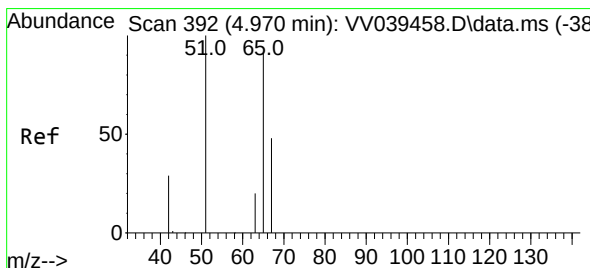
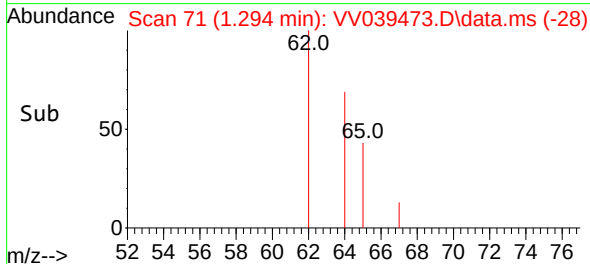
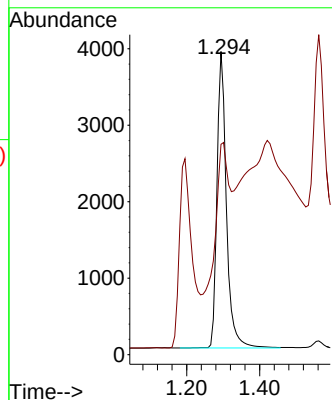
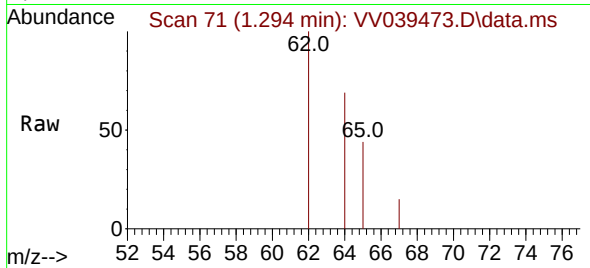
Instrument :

MSVOA_V

ClientSampleId :

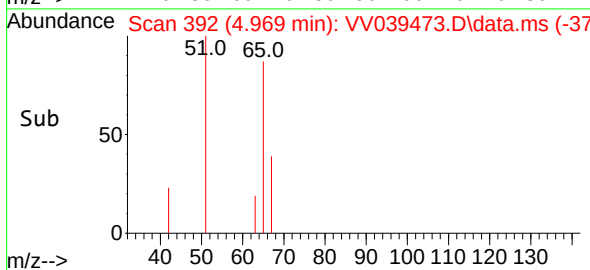
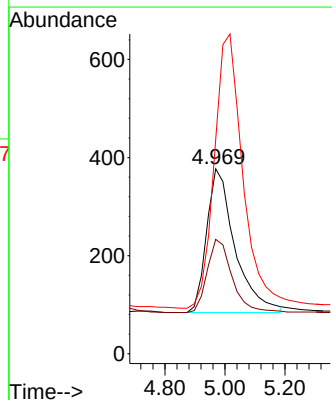
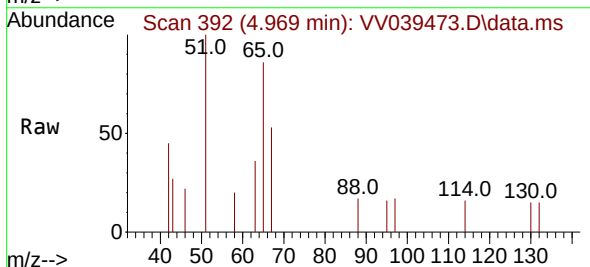
VSTD0.5335

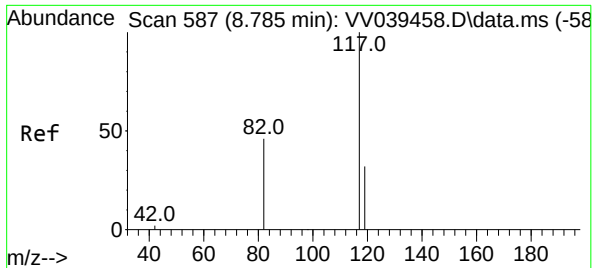
Tgt Ion: 62 Resp: 6966
Ion Ratio Lower Upper
62 100
64 69.4 24.8 46.0#



#4
1,2-Dichloroethane-d4
Concen: 0.430 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039473.D
Acq: 05 Dec 2025 11:47

Tgt Ion: 65 Resp: 1917
Ion Ratio Lower Upper
65 100
67 44.9 32.5 60.3
51 192.0 121.4 225.6

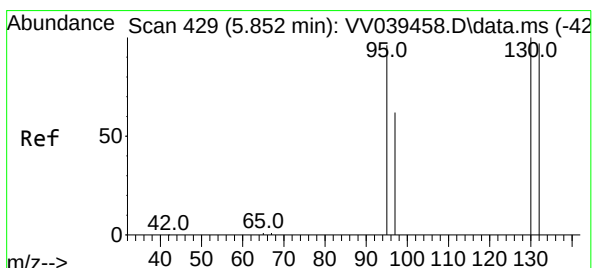
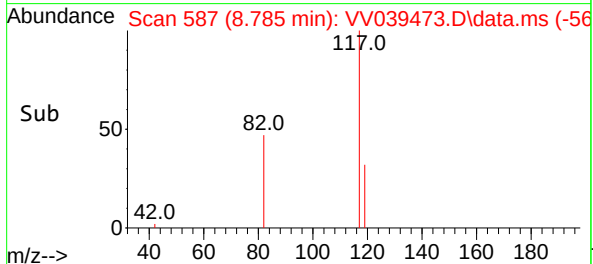
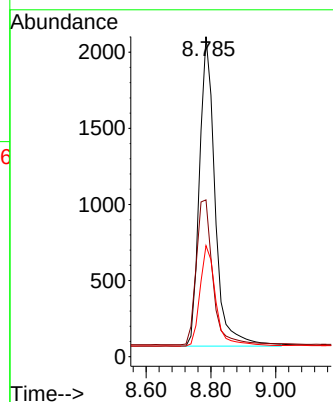
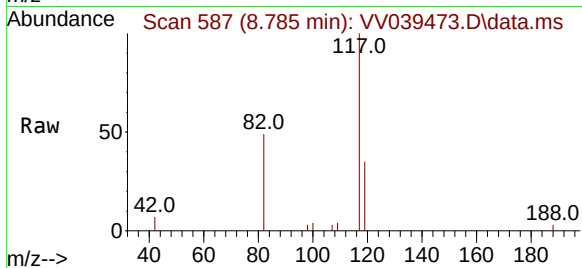




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV039473.D
Acq: 05 Dec 2025 11:47

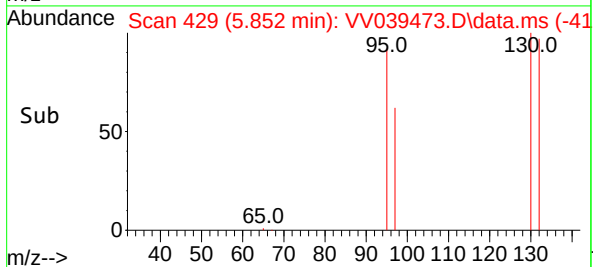
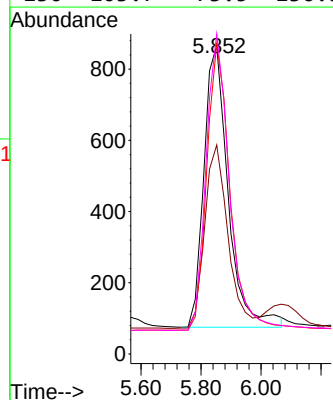
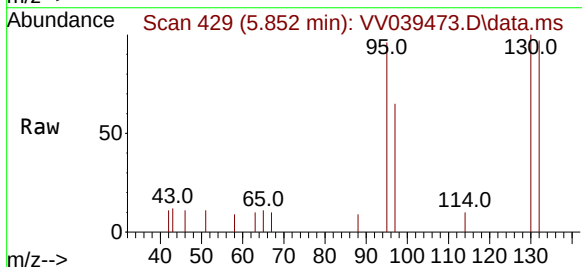
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5335

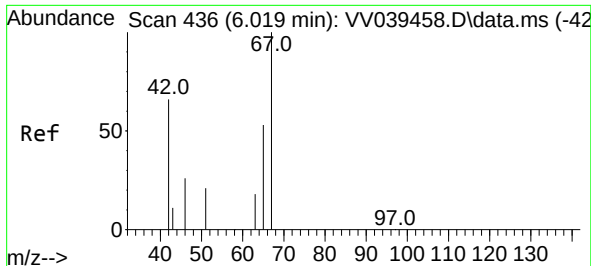
Tgt Ion:	117	Resp:	6813
Ion	Ratio	Lower	Upper
117	100		
82	49.4	39.4	59.2
119	32.9	26.2	39.2



#6
Trichloroethene
Concen: 0.527 ug/L
RT: 5.852 min Scan# 429
Delta R.T. -0.000 min
Lab File: VV039473.D
Acq: 05 Dec 2025 11:47

Tgt Ion:	95	Resp:	4447
Ion	Ratio	Lower	Upper
95	100		
97	67.7	47.7	88.7
132	100.6	70.8	131.4
130	103.7	73.5	136.5

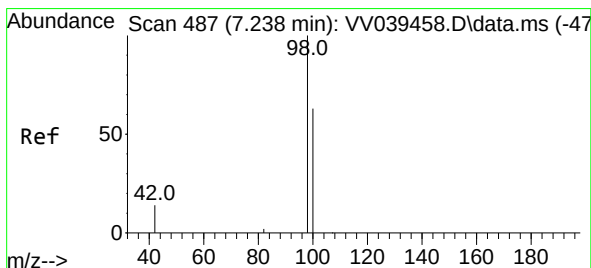
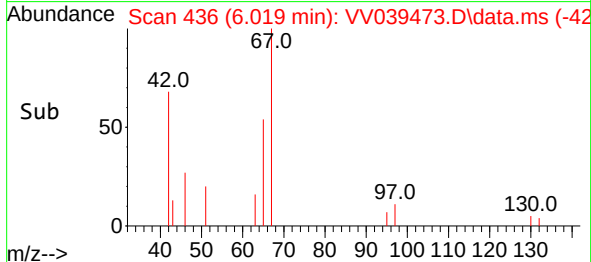
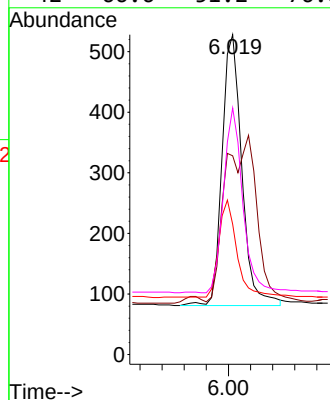
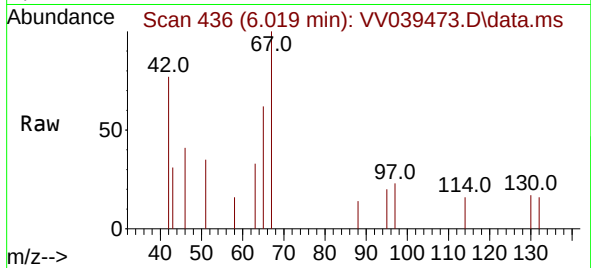




#7
1,2-Dichloropropane-d6
Concen: 0.481 ug/L
RT: 6.019 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039473.D
Acq: 05 Dec 2025 11:47

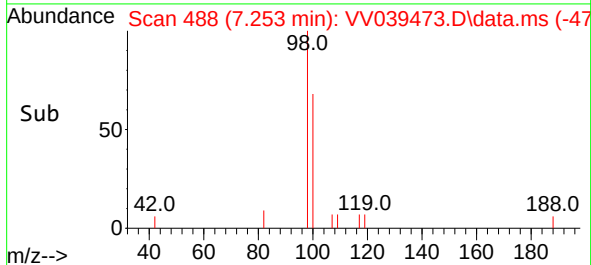
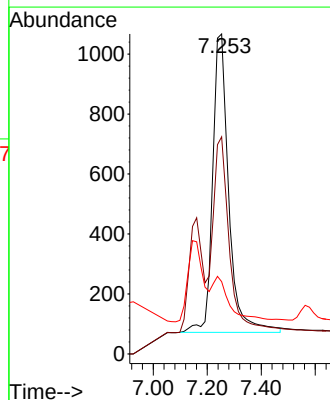
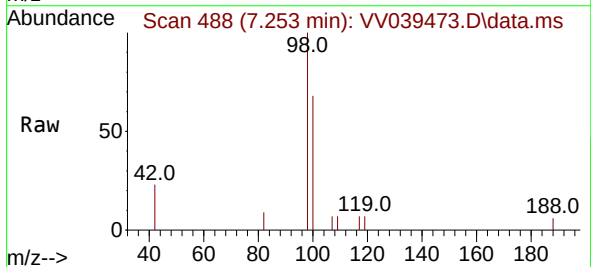
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5335

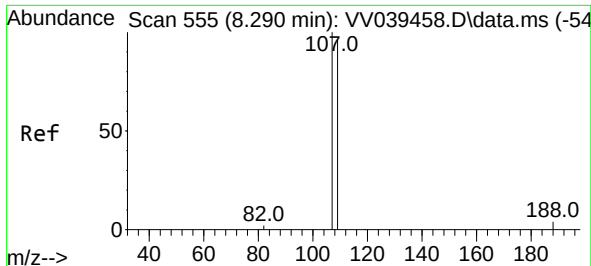
Tgt Ion:	67	Resp:	2766
Ion	Ratio	Lower	Upper
67	100		
65	48.0	37.9	56.9
46	32.7	27.4	41.0
42	66.6	51.2	76.8



#8
Toluene-d8
Concen: 0.426 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039473.D
Acq: 05 Dec 2025 11:47

Tgt Ion:	98	Resp:	4131
Ion	Ratio	Lower	Upper
98	100		
100	64.2	44.5	82.7
42	14.7	10.1	18.7



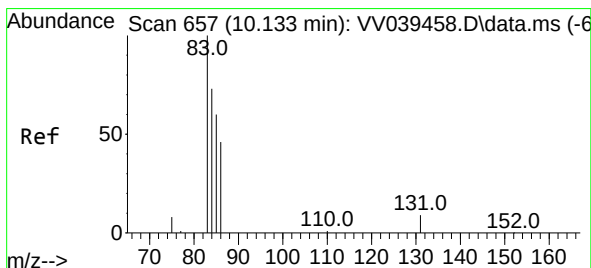
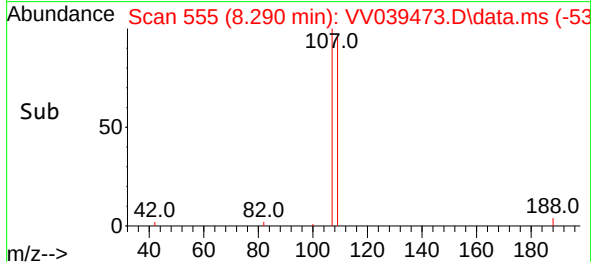
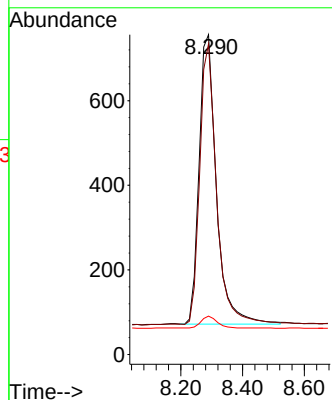
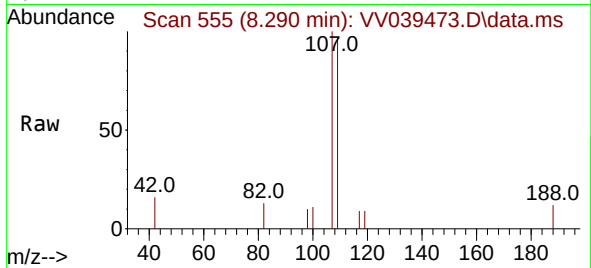


#9
 1,2-Dibromoethane
 Concen: 0.478 ug/L
 RT: 8.290 min Scan# 555
 Delta R.T. -0.000 min
 Lab File: VV039473.D
 Acq: 05 Dec 2025 11:47

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5335

Tgt Ion:107 Resp: 2666

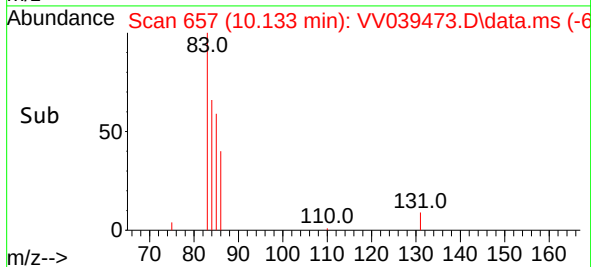
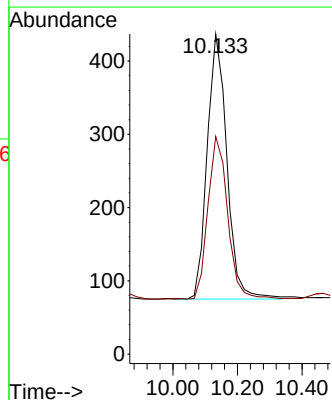
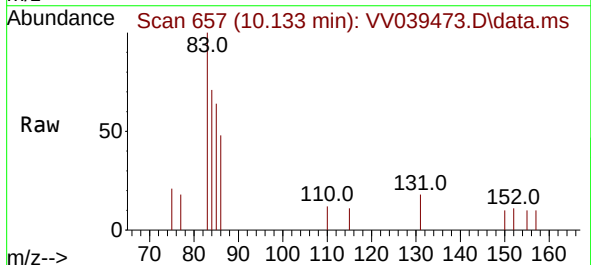
Ion	Ratio	Lower	Upper
107	100		
109	97.1	67.4	125.2
188	12.0	9.4	14.0

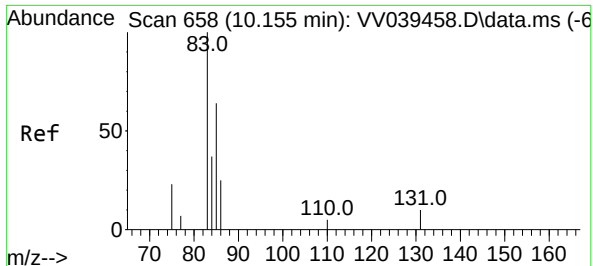


#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.474 ug/L
 RT: 10.133 min Scan# 657
 Delta R.T. -0.000 min
 Lab File: VV039473.D
 Acq: 05 Dec 2025 11:47

Tgt Ion: 84 Resp: 1536

Ion	Ratio	Lower	Upper
84	100		
86	61.8	44.4	82.5

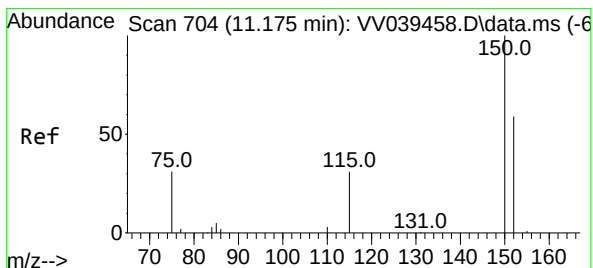
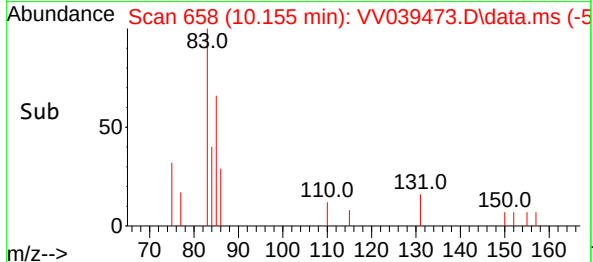
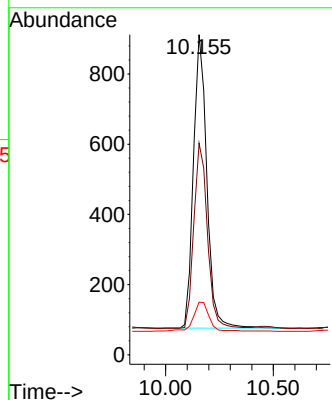
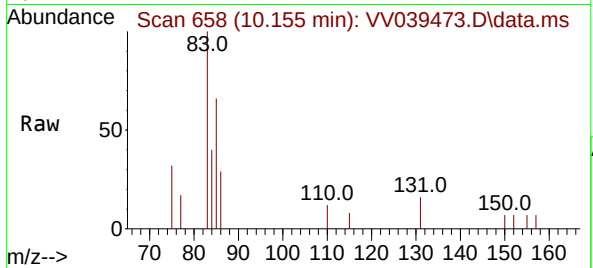




#11
1,1,2,2-Tetrachloroethane
Concen: 0.529 ug/L
RT: 10.155 min Scan# 611
Delta R.T. -0.000 min
Lab File: VV039473.D
Acq: 05 Dec 2025 11:47

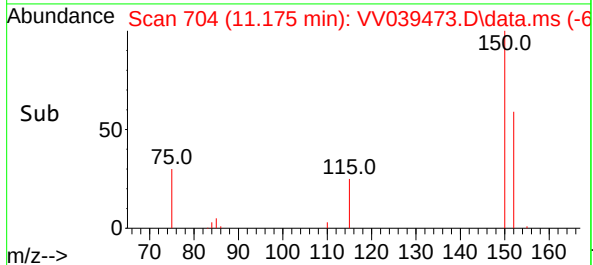
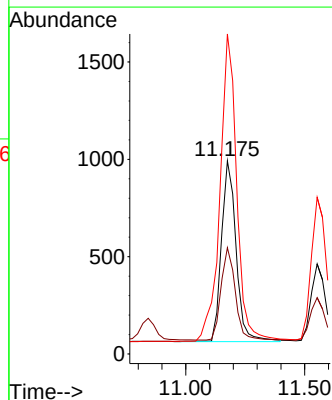
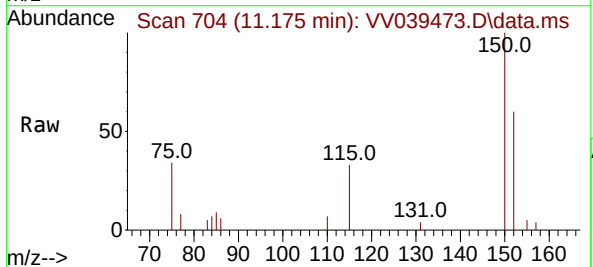
Instrument :
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ClientSampleId :
VSTD0.5335

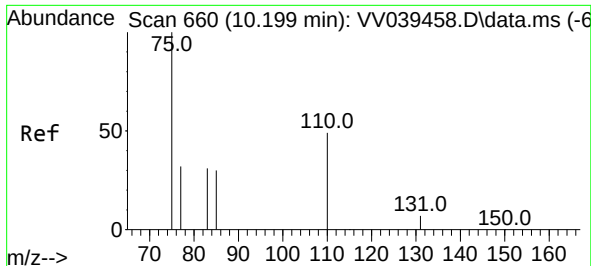
Tgt Ion:	83	Resp:	3617
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.6
131	11.3	8.6	12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. -0.000 min
Lab File: VV039473.D
Acq: 05 Dec 2025 11:47

Tgt Ion:	152	Resp:	3959
Ion	Ratio	Lower	Upper
152	100		
115	49.5	0.0	101.6
150	194.7	0.0	396.2

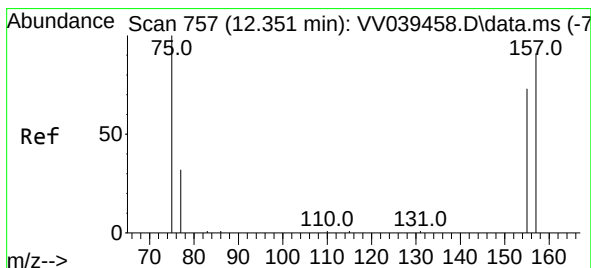
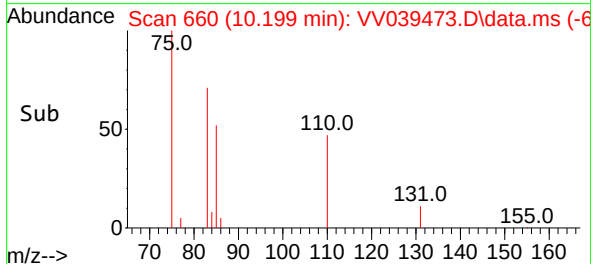
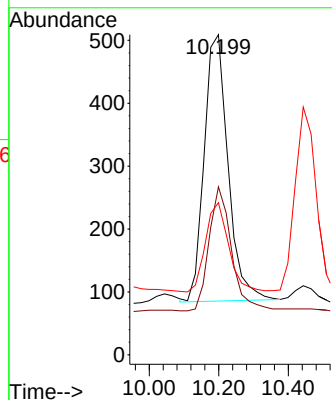
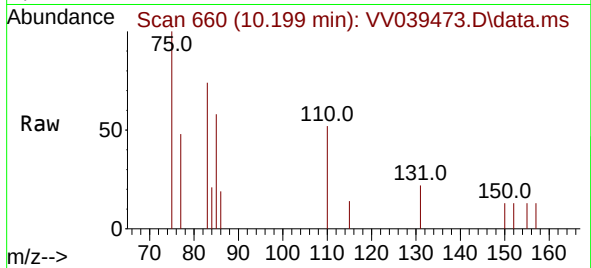




#13
1,2,3-Trichloropropane
Concen: 0.486 ug/L
RT: 10.199 min Scan# 660
Delta R.T. -0.000 min
Lab File: VV039473.D
Acq: 05 Dec 2025 11:47

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5335

Tgt Ion:	75	Resp:	2023
Ion	Ratio	Lower	Upper
75	100		
110	43.7	37.8	56.6
77	31.8	25.6	38.4



#14
1,2-Dibromo-3-chloropropane
Concen: 0.462 ug/L
RT: 12.350 min Scan# 757
Delta R.T. -0.000 min
Lab File: VV039473.D
Acq: 05 Dec 2025 11:47

Tgt Ion:	75	Resp:	390
Ion	Ratio	Lower	Upper
75	100		
157	84.5	67.8	101.6
155	75.6	61.9	92.9

