

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
 Data File : VV039486.D
 Acq On : 08 Dec 2025 09:00
 Operator : SY/MD
 Sample : VSTDCCC0.5
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5337

Quant Time: Dec 09 01:25:34 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)

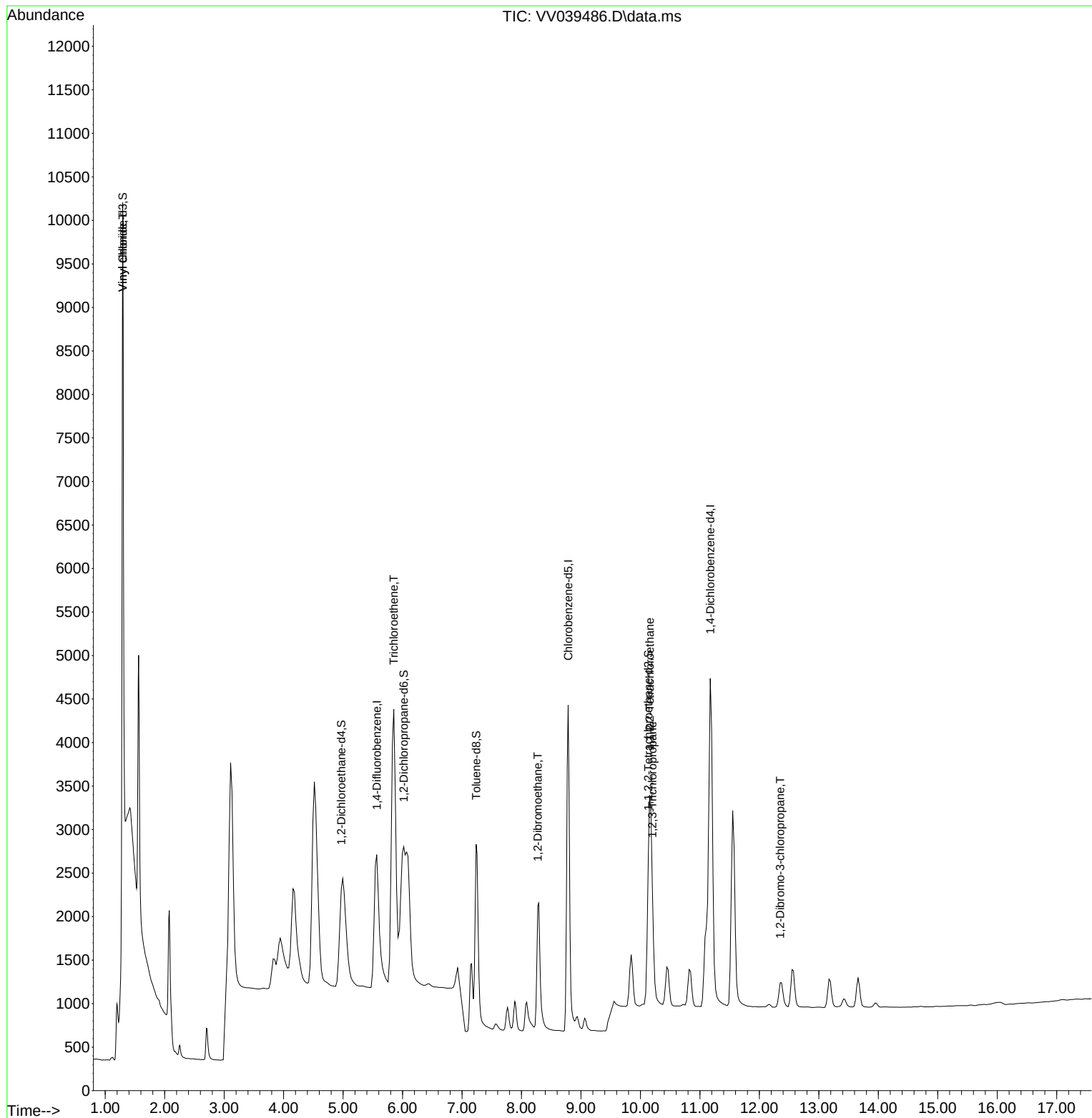
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6968	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7021	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3931	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3545	0.506	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 102.000%			
4) 1,2-Dichloroethane-d4	4.969	65	2205	0.475	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 96.000%			
7) 1,2-Dichloropropane-d6	6.019	67	3057	0.516	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery = 104.000%			
8) Toluene-d8	7.238	98	4785	0.479	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 96.000%			
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1734	0.519	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 104.000%			
Target Compounds						
3) Vinyl chloride	1.294	62	7597	0.504	ug/L	38
6) Trichloroethene	5.852	95	4723	0.543	ug/L	100
9) 1,2-Dibromoethane	8.274	107	2839	0.494	ug/L	96
11) 1,1,2,2-Tetrachloroethane	10.155	83	3799	0.539	ug/L	98
13) 1,2,3-Trichloropropane	10.199	75	2128	0.515	ug/L	96
14) 1,2-Dibromo-3-chloropr...	12.351	75	431	0.515	ug/L	97

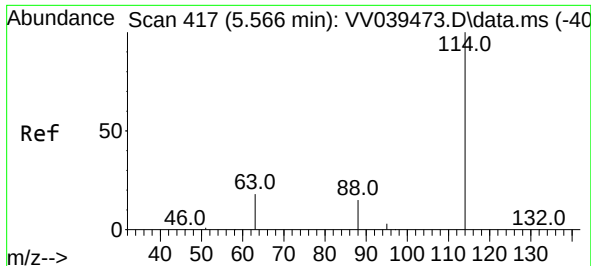
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
Data File : VV039486.D
Acq On : 08 Dec 2025 09:00
Operator : SY/MD
Sample : VSTDCCC0.5
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5337

Quant Time: Dec 09 01:25:34 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

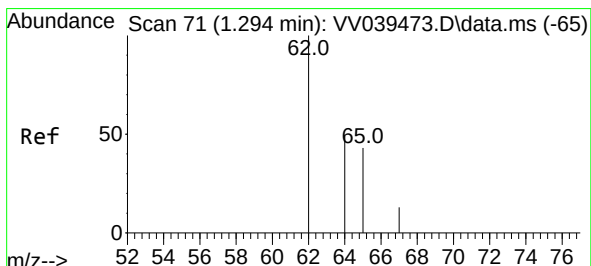
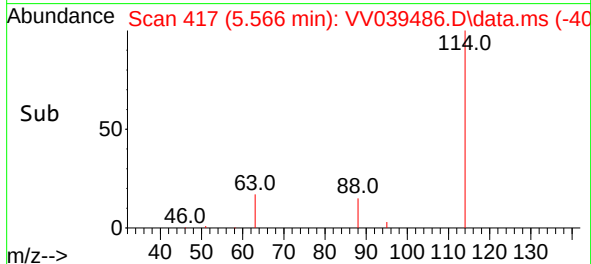
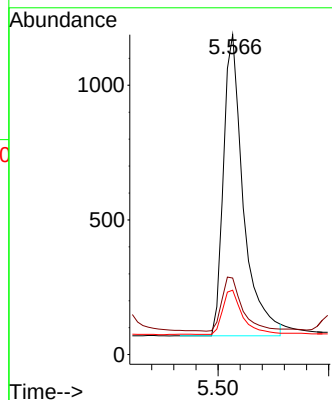
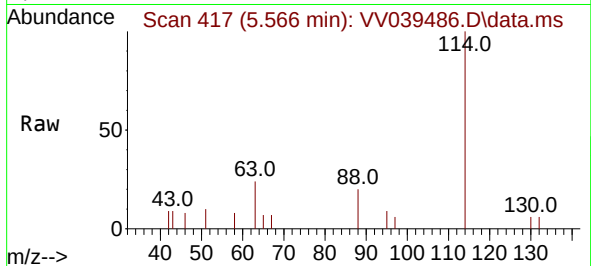




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

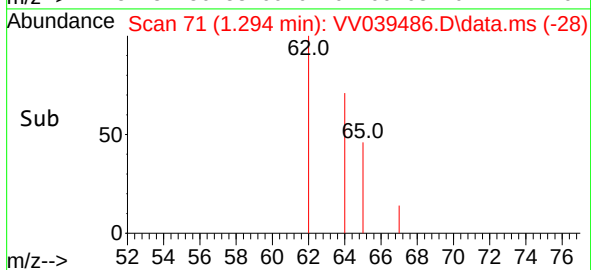
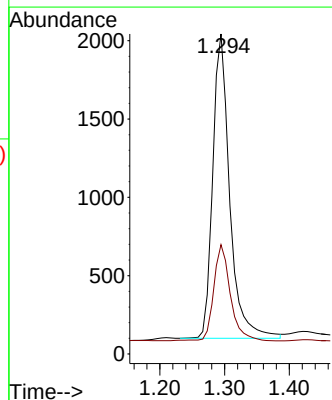
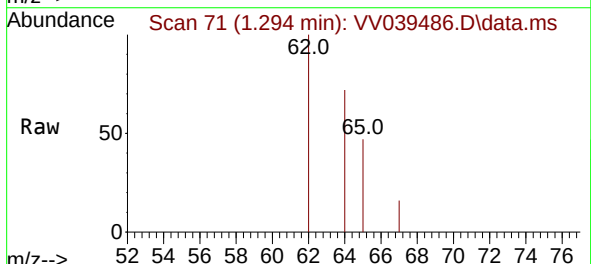
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5337

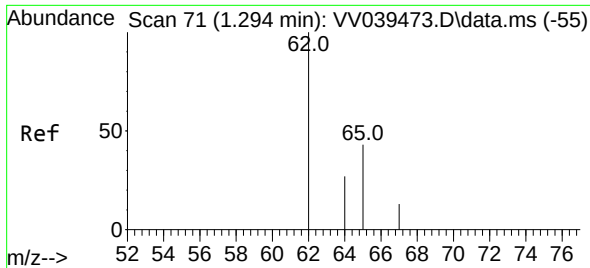
Tgt Ion:114 Resp: 6968
Ion Ratio Lower Upper
114 100
63 18.4 15.0 22.4
88 14.6 12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.506 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

Tgt Ion: 65 Resp: 3545
Ion Ratio Lower Upper
65 100
67 31.0 22.3 41.5

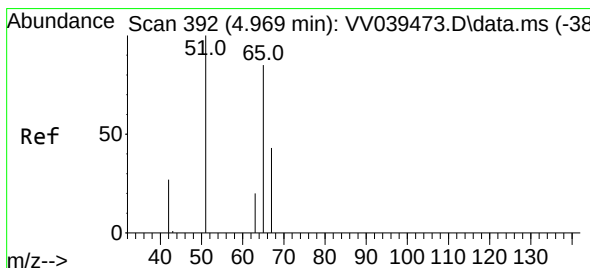
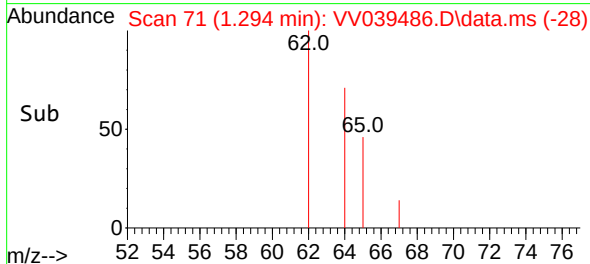
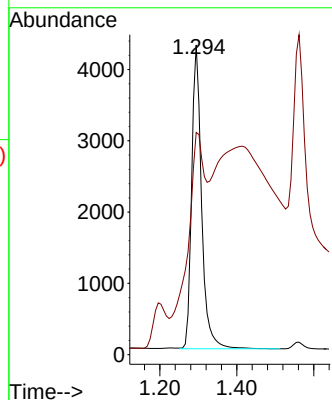
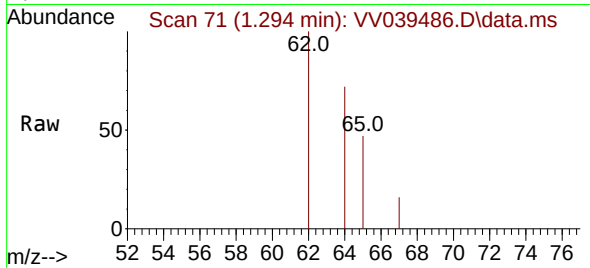




#3
Vinyl chloride
Concen: 0.504 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

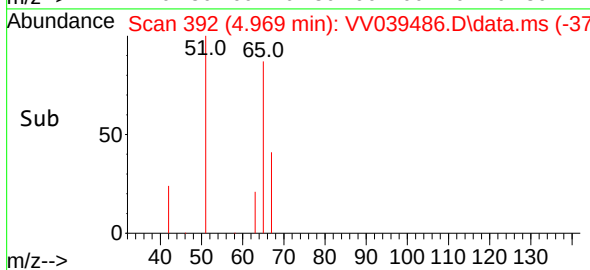
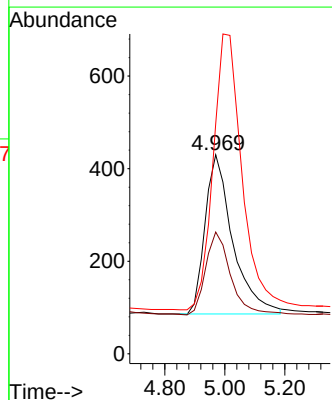
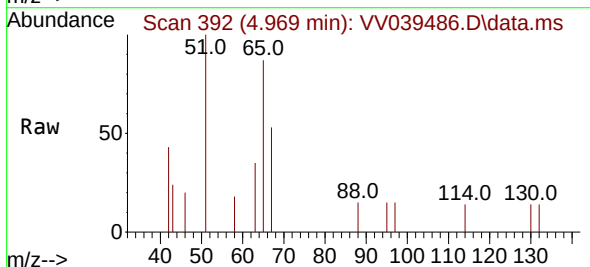
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5337

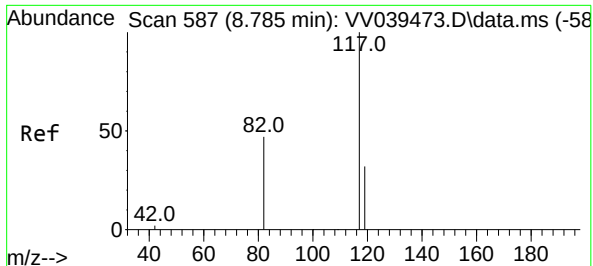
Tgt Ion: 62 Resp: 7597
Ion Ratio Lower Upper
62 100
64 71.8 24.8 46.0#



#4
1,2-Dichloroethane-d4
Concen: 0.475 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

Tgt Ion: 65 Resp: 2205
Ion Ratio Lower Upper
65 100
67 46.2 32.5 60.3
51 180.7 121.4 225.6

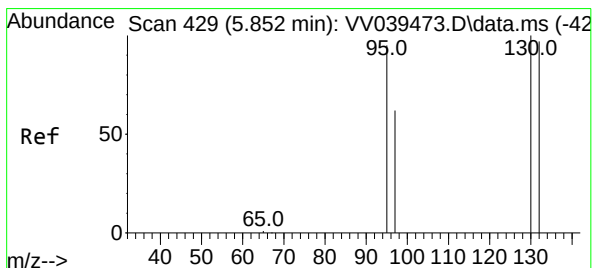
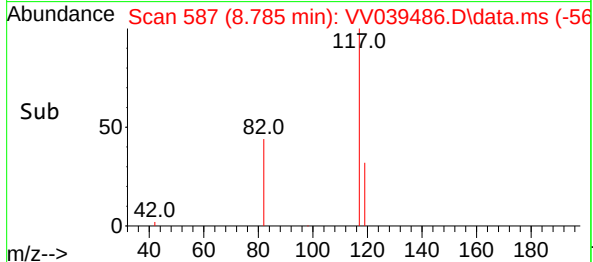
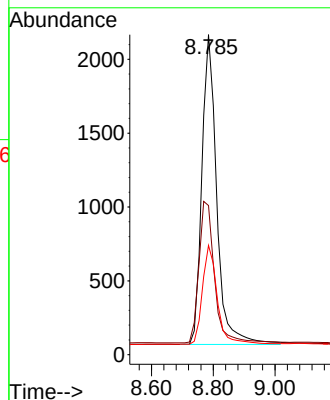
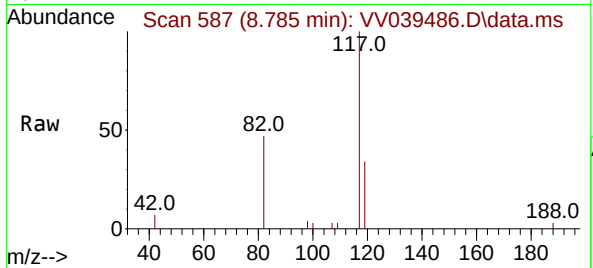




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

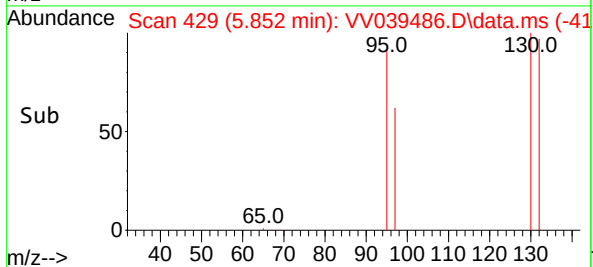
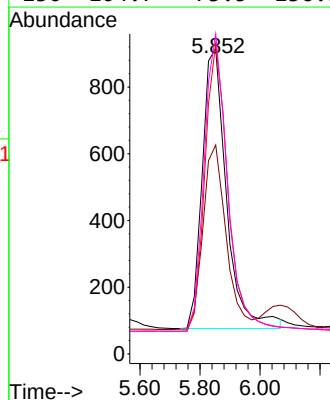
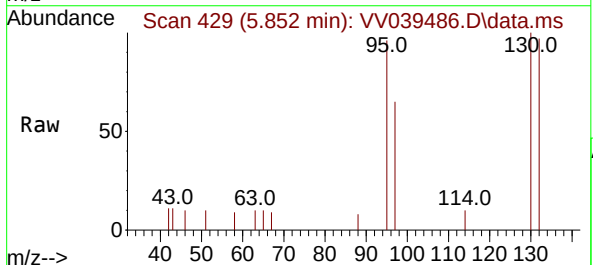
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5337

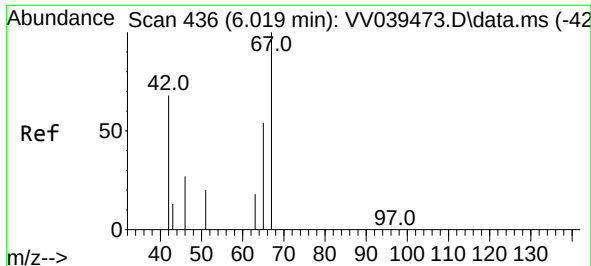
Tgt Ion:	117	Resp:	7021
Ion	Ratio	Lower	Upper
117	100		
82	47.8	39.4	59.2
119	31.9	26.2	39.2



#6
Trichloroethene
Concen: 0.543 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

Tgt Ion:	95	Resp:	4723
Ion	Ratio	Lower	Upper
95	100		
97	68.3	47.7	88.7
132	101.5	70.8	131.4
130	104.7	73.5	136.5

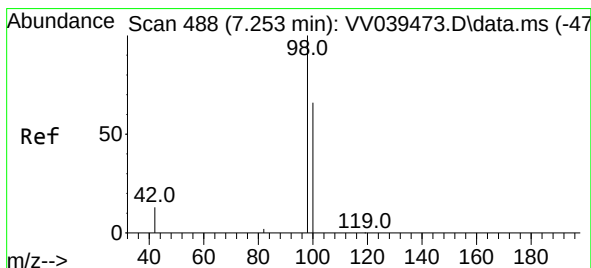
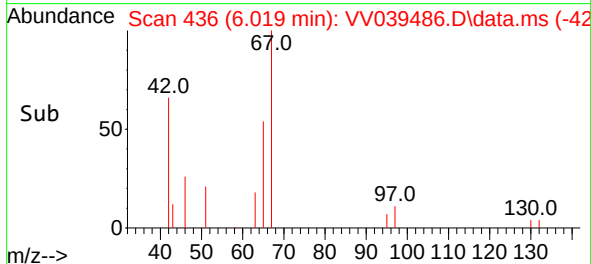
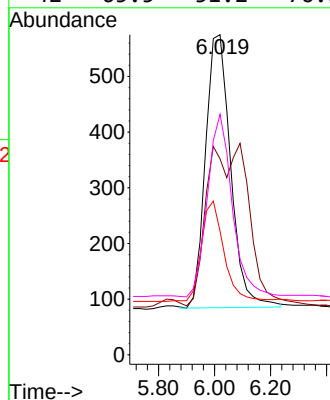
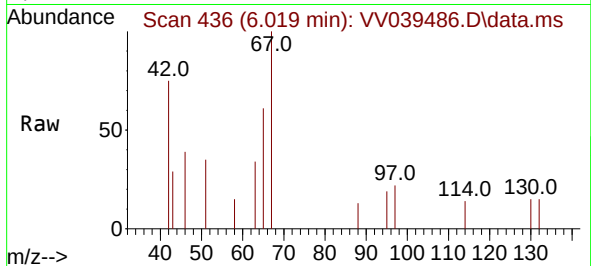




#7
1,2-Dichloropropane-d6
Concen: 0.516 ug/L
RT: 6.019 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

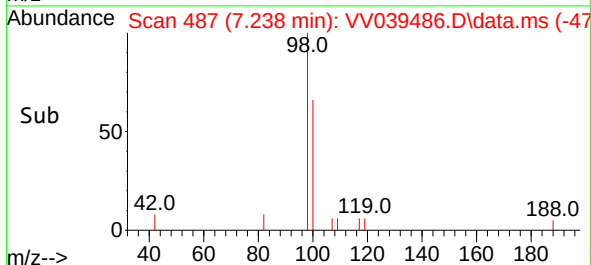
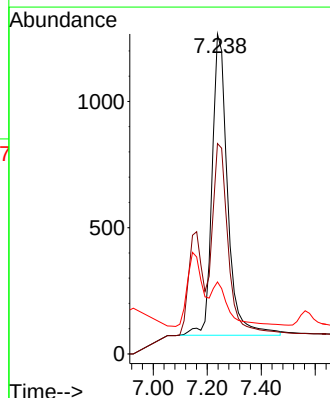
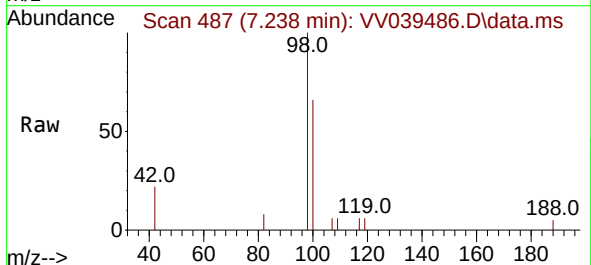
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5337

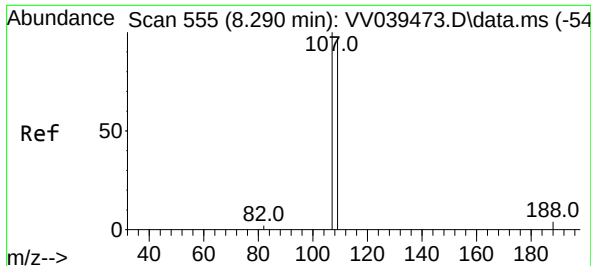
Tgt Ion:	67	Resp:	3057
Ion	Ratio	Lower	Upper
67	100		
65	50.6	37.9	56.9
46	32.9	27.4	41.0
42	65.5	51.2	76.8



#8
Toluene-d8
Concen: 0.479 ug/L
RT: 7.238 min Scan# 487
Delta R.T. 0.000 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

Tgt Ion:	98	Resp:	4785
Ion	Ratio	Lower	Upper
98	100		
100	63.4	44.5	82.7
42	14.3	10.1	18.7

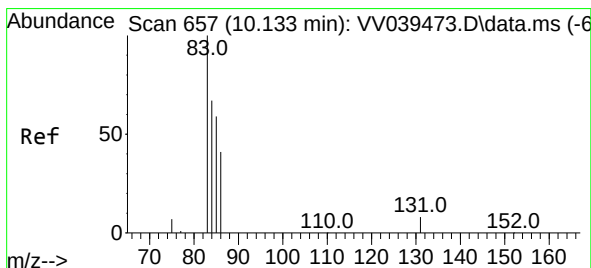
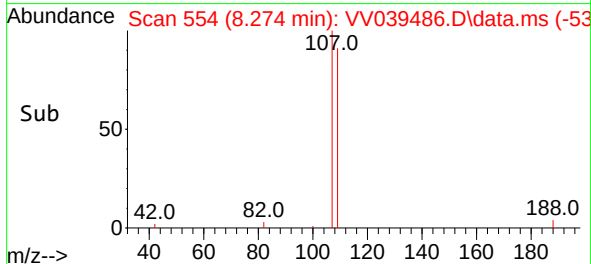
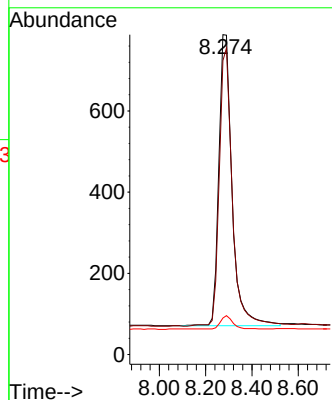
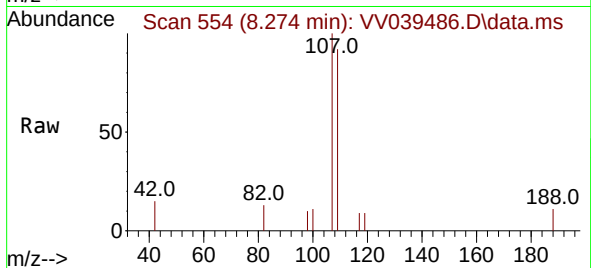




#9
1,2-Dibromoethane
Concen: 0.494 ug/L
RT: 8.274 min Scan# 511
Delta R.T. -0.015 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

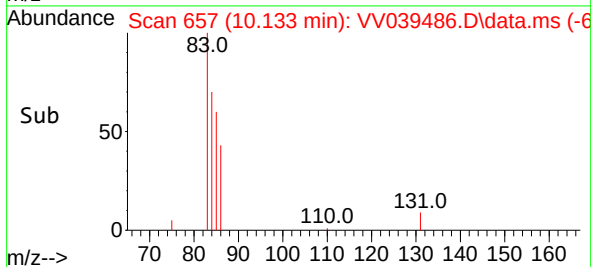
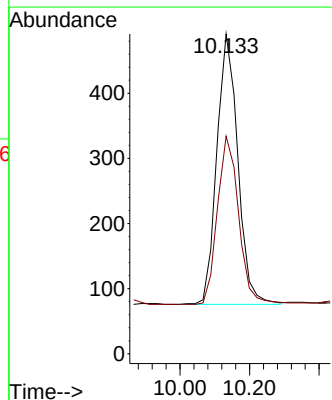
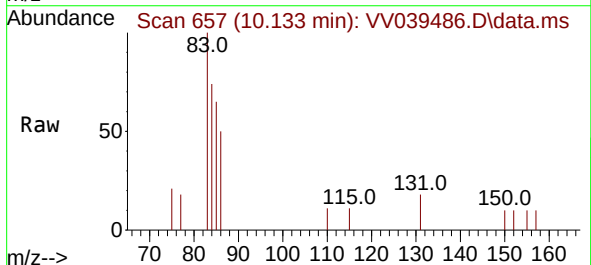
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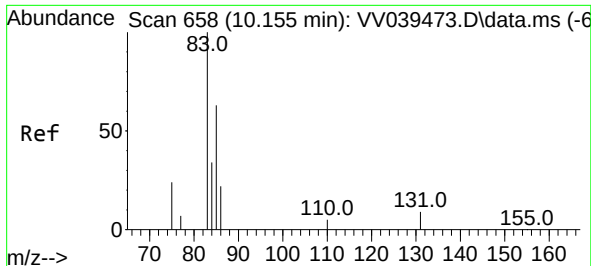
Tgt Ion:107 Resp: 2839
Ion Ratio Lower Upper
107 100
109 91.9 67.4 125.2
188 11.4 9.4 14.0



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.519 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

Tgt Ion: 84 Resp: 1734
Ion Ratio Lower Upper
84 100
86 63.1 44.4 82.5

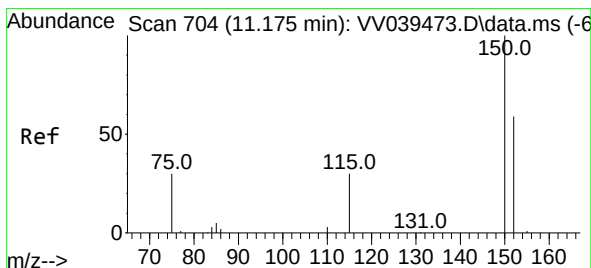
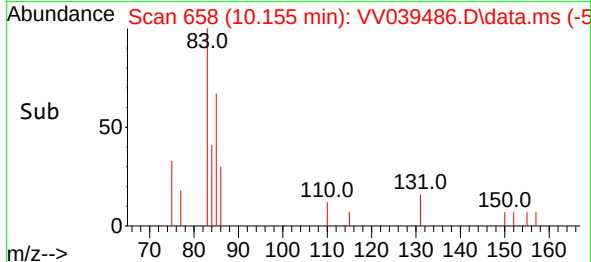
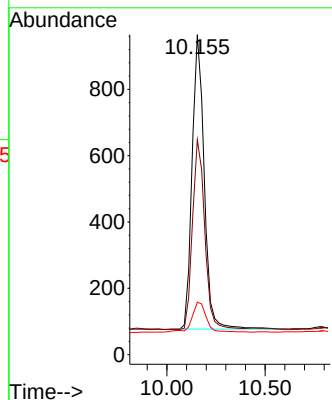
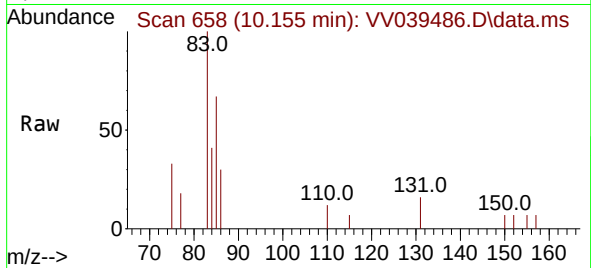




#11
1,1,2,2-Tetrachloroethane
Concen: 0.539 ug/L
RT: 10.155 min Scan# 658
Delta R.T. 0.000 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

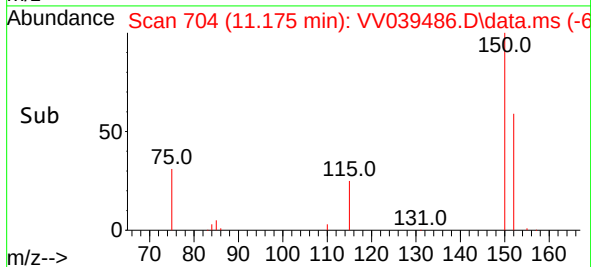
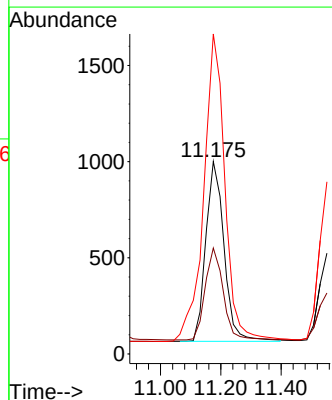
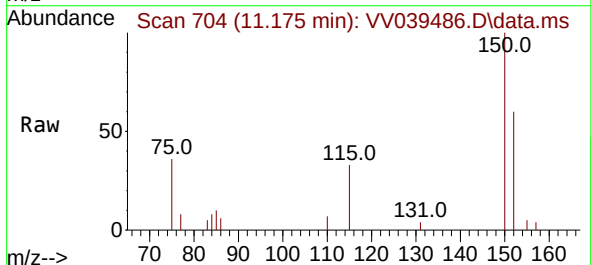
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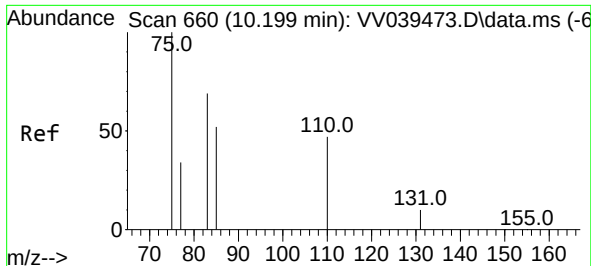
Tgt Ion: 83	Resp:	3799
Ion Ratio	Lower	Upper
83	100	
85	65.3	51.0 76.6
131	11.3	8.6 12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. 0.000 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

Tgt Ion: 152	Resp:	3931
Ion Ratio	Lower	Upper
152	100	
115	50.6	0.0 101.6
150	199.0	0.0 396.2

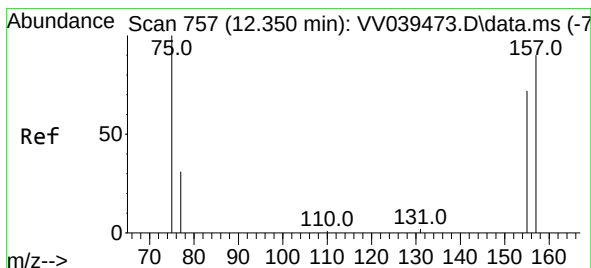
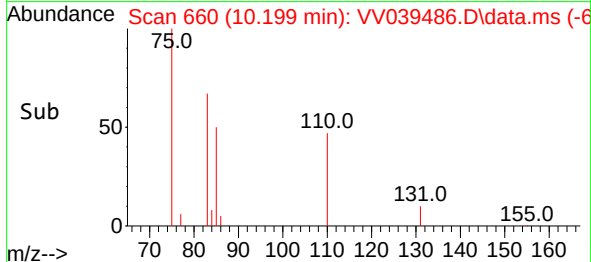
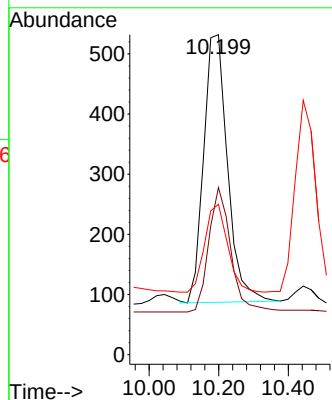
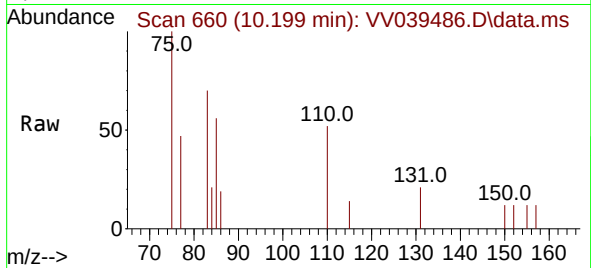




#13
1,2,3-Trichloropropane
Concen: 0.515 ug/L
RT: 10.199 min Scan# 660
Delta R.T. 0.000 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5337

Tgt Ion:	75	Resp:	2128
Ion	Ratio	Lower	Upper
75	100		
110	42.9	37.8	56.6
77	31.4	25.6	38.4



#14
1,2-Dibromo-3-chloropropane
Concen: 0.515 ug/L
RT: 12.351 min Scan# 757
Delta R.T. 0.000 min
Lab File: VV039486.D
Acq: 08 Dec 2025 09:00

Tgt Ion:	75	Resp:	431
Ion	Ratio	Lower	Upper
75	100		
157	88.4	67.8	101.6
155	78.6	61.9	92.9

