

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120325\
 Data File : VV039447.D
 Acq On : 03 Dec 2025 10:58
 Operator : SY/MD
 Sample : VSTD0.171
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.1271

Quant Time: Dec 04 00:44:25 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)

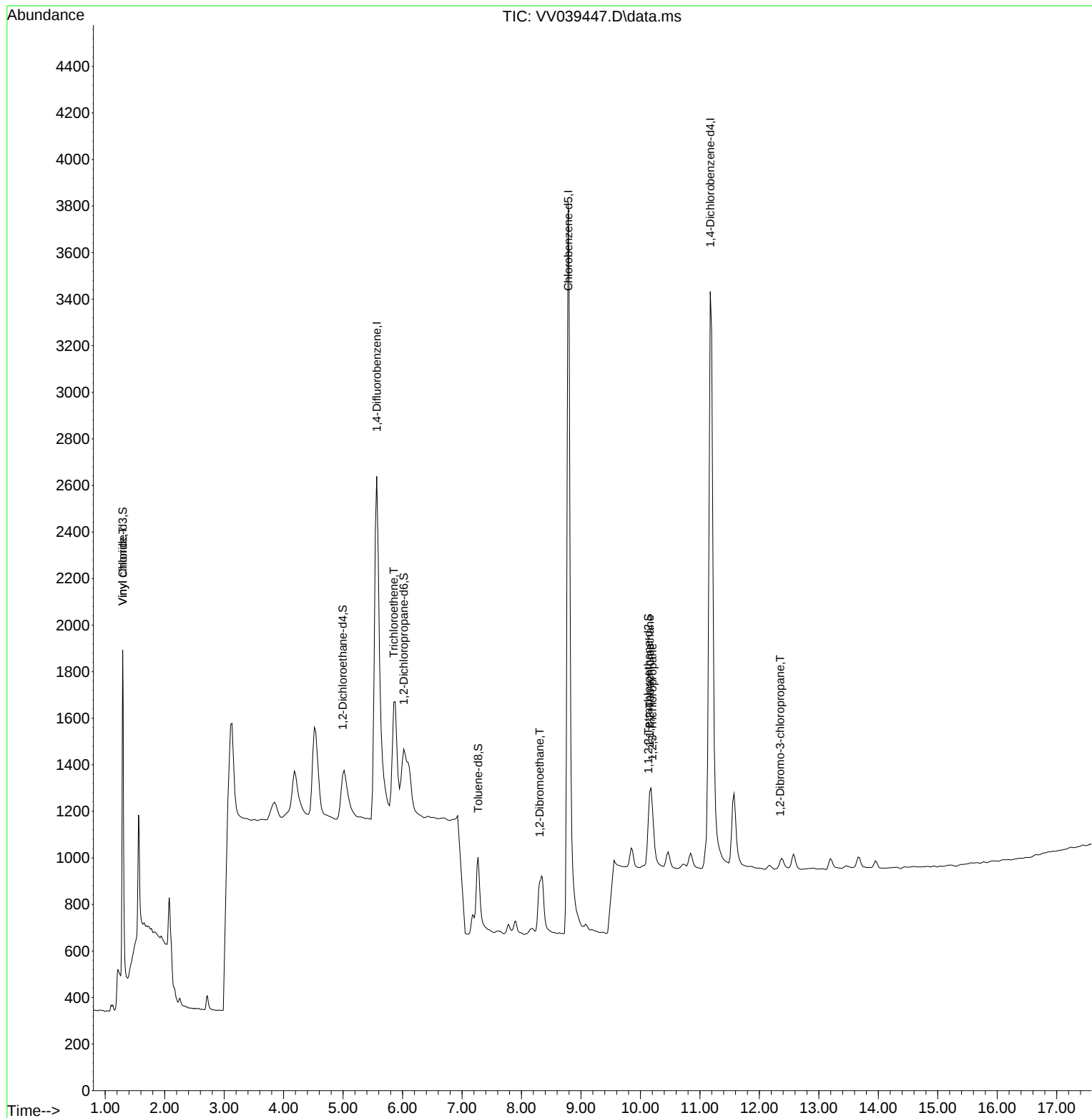
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6616	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6547	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	3467	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	660	0.099	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.993	65	451	0.102	ug/L	0.02
7) 1,2-Dichloropropane-d6	6.019	67	527	0.095	ug/L	0.00
8) Toluene-d8	7.269	98	807	0.086	ug/L	0.03
10) 1,1,2,2-Tetrachloroeth...	10.133	84	326	0.105	ug/L	0.00
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	1354	0.095	ug/L #	71
6) Trichloroethene	5.852	95	766	0.097	ug/L	93
9) 1,2-Dibromoethane	8.305	107	475	0.089	ug/L #	91
11) 1,1,2,2-Tetrachloroethane	10.155	83	600	0.091	ug/L #	95
13) 1,2,3-Trichloropropane	10.199	75	338	0.095	ug/L	97
14) 1,2-Dibromo-3-chloropr...	12.351	75	75	0.102	ug/L	95

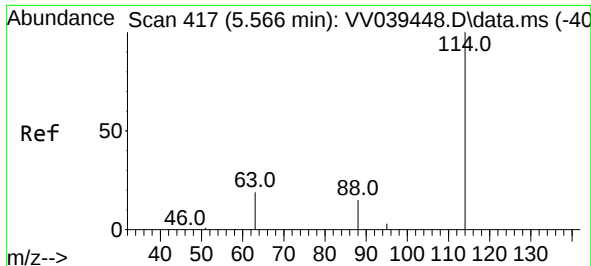
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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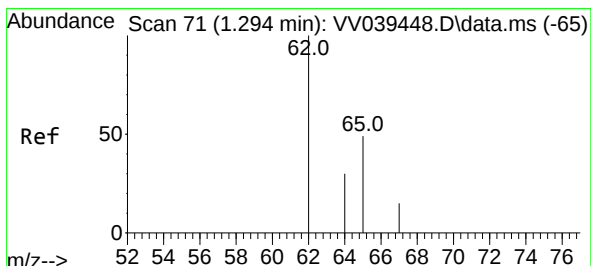
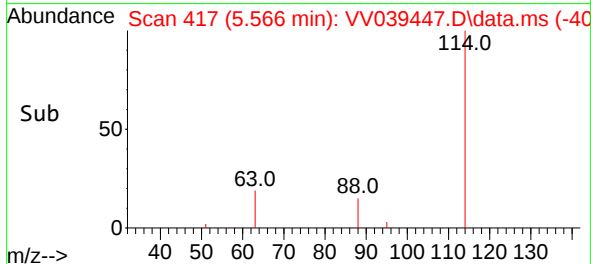
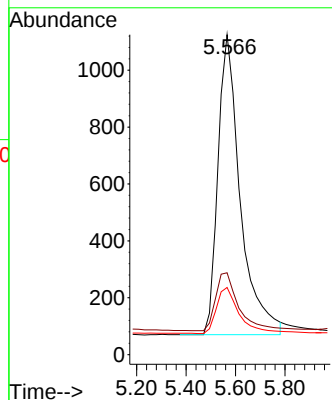
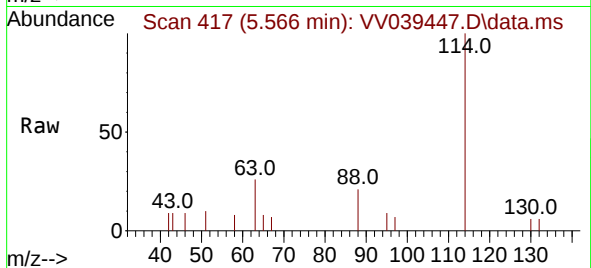




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VV039447.D
 Acq: 03 Dec 2025 10:58

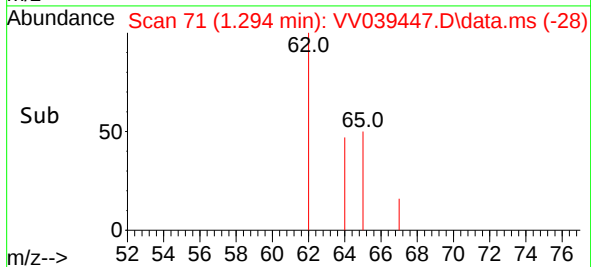
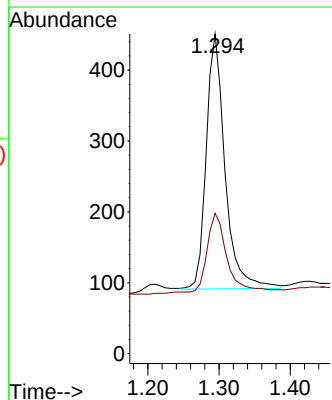
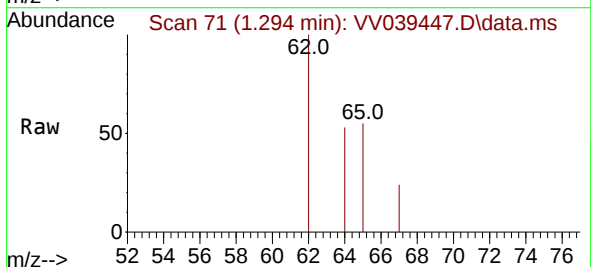
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.1271

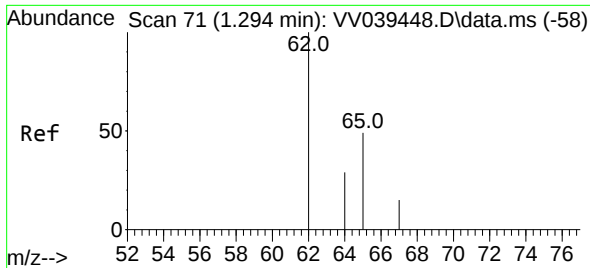
Tgt Ion:	114	Resp:	6616
Ion	Ratio	Lower	Upper
114	100		
63	19.8	15.0	22.4
88	15.5	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.099 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039447.D
 Acq: 03 Dec 2025 10:58

Tgt Ion:	65	Resp:	660
Ion	Ratio	Lower	Upper
65	100		
67	36.4	22.3	41.5

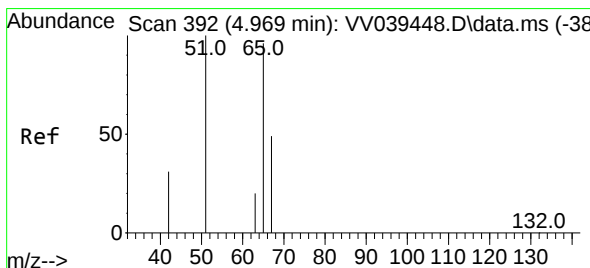
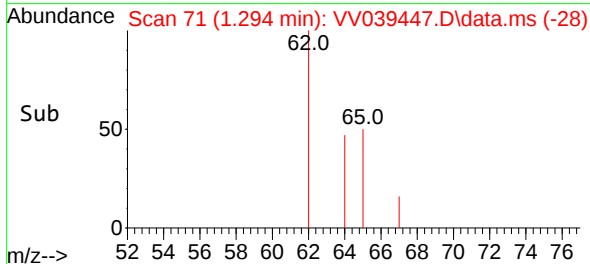
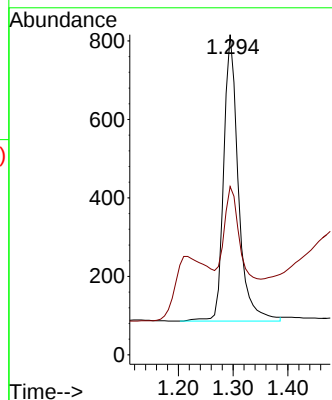
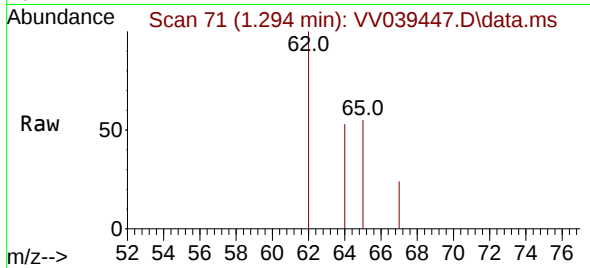




#3
 Vinyl chloride
 Concen: 0.095 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039447.D
 Acq: 03 Dec 2025 10:58

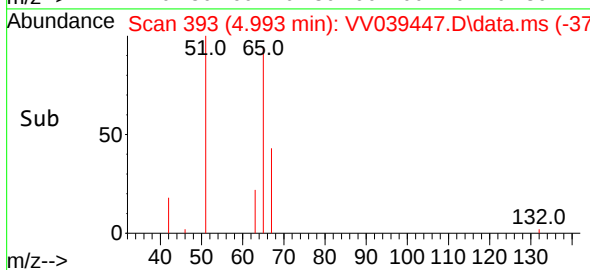
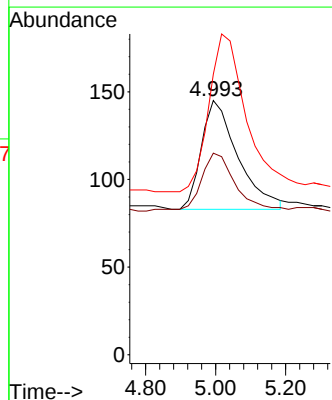
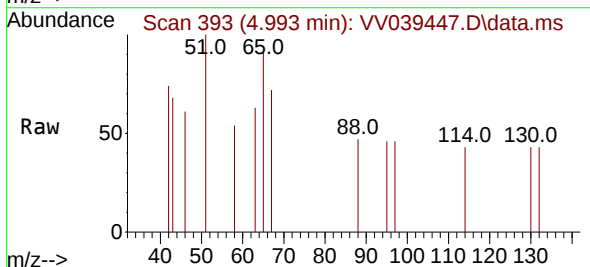
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.1271

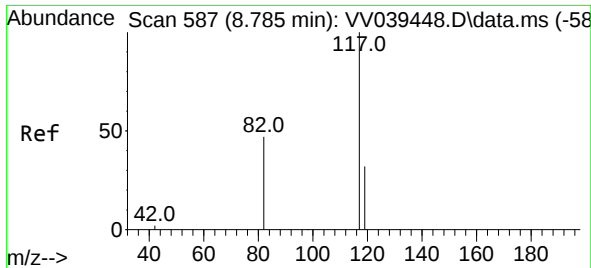
Tgt Ion: 62 Resp: 1354
 Ion Ratio Lower Upper
 62 100
 64 52.6 24.8 46.0#



#4
 1,2-Dichloroethane-d4
 Concen: 0.102 ug/L
 RT: 4.993 min Scan# 393
 Delta R.T. 0.024 min
 Lab File: VV039447.D
 Acq: 03 Dec 2025 10:58

Tgt Ion: 65 Resp: 451
 Ion Ratio Lower Upper
 65 100
 67 49.2 32.5 60.3
 51 146.6 121.4 225.6

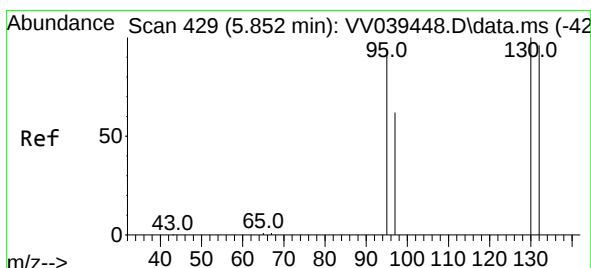
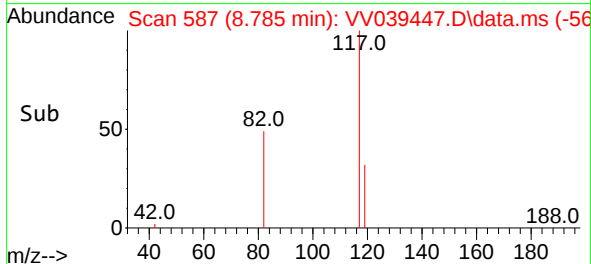
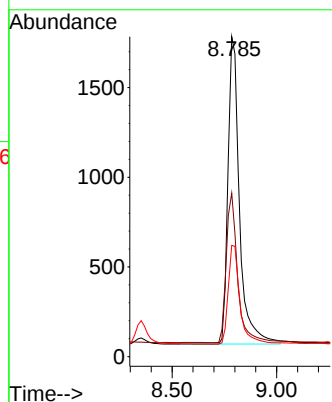
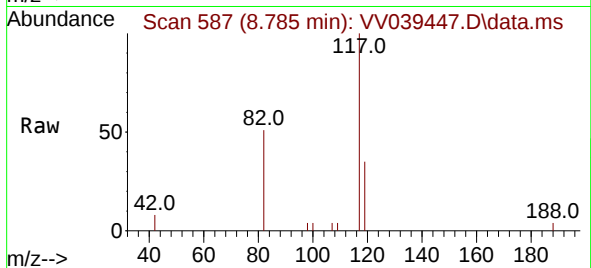




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039447.D
Acq: 03 Dec 2025 10:58

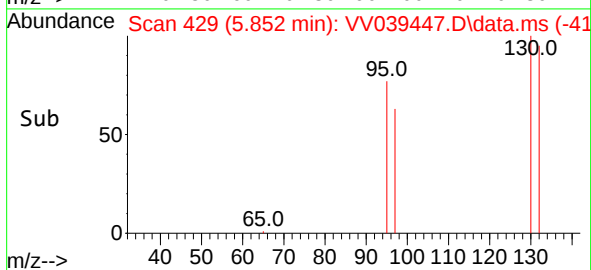
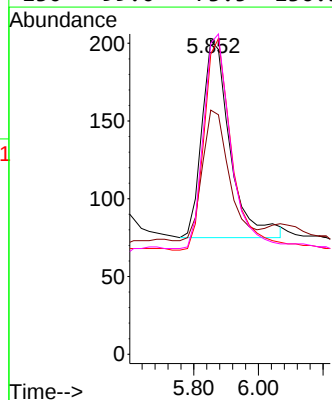
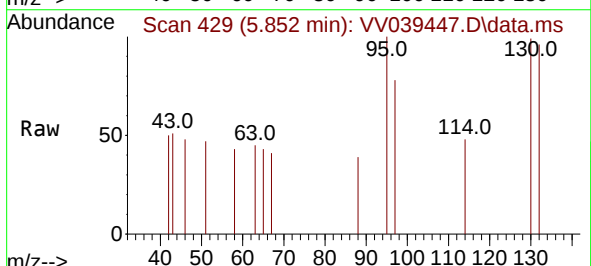
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.1271

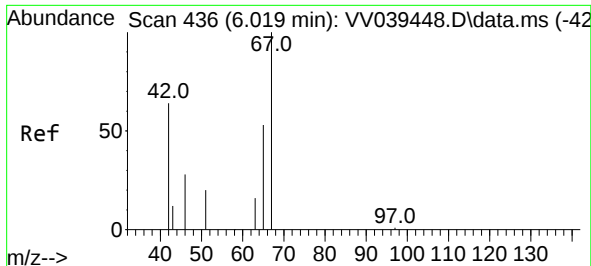
Tgt Ion:	117	Resp:	6547
Ion	Ratio	Lower	Upper
117	100		
82	47.9	39.4	59.2
119	33.0	26.2	39.2



#6
Trichloroethene
Concen: 0.097 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039447.D
Acq: 03 Dec 2025 10:58

Tgt Ion:	95	Resp:	766
Ion	Ratio	Lower	Upper
95	100		
97	77.7	47.7	88.7
132	95.5	70.8	131.4
130	99.0	73.5	136.5

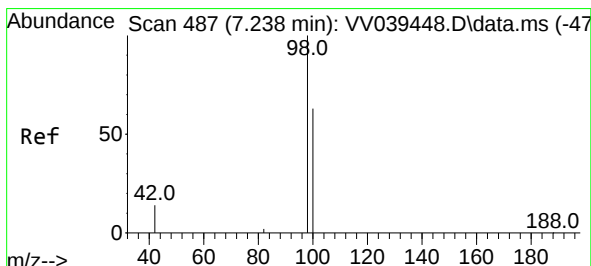
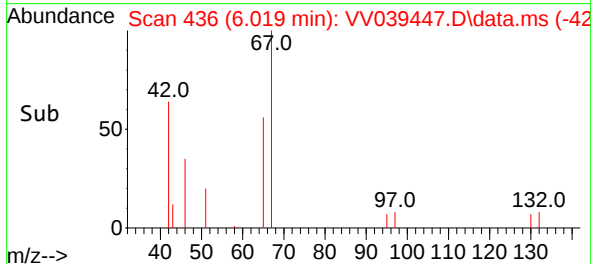
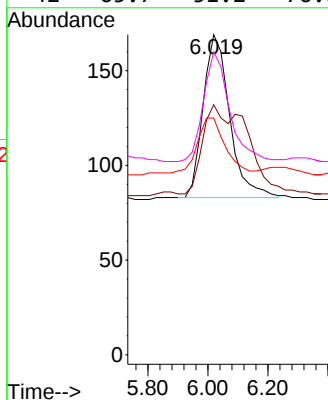
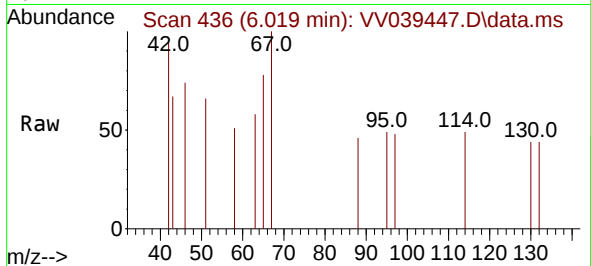




#7
1,2-Dichloropropane-d6
Concen: 0.095 ug/L
RT: 6.019 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039447.D
Acq: 03 Dec 2025 10:58

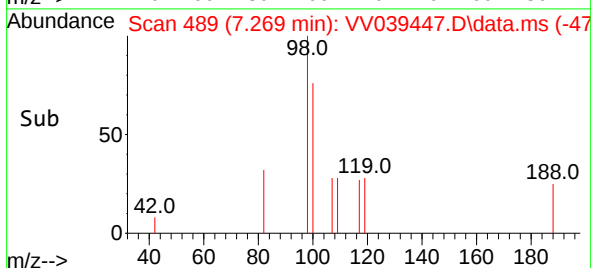
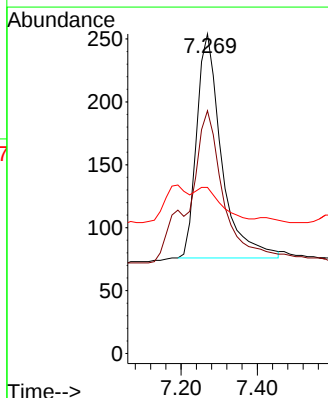
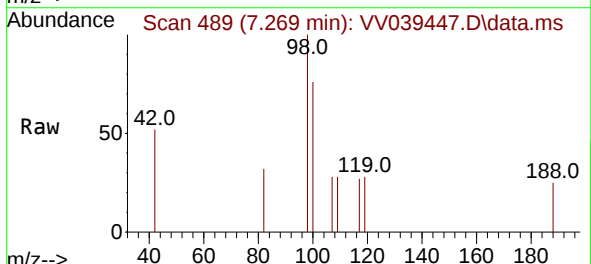
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.1271

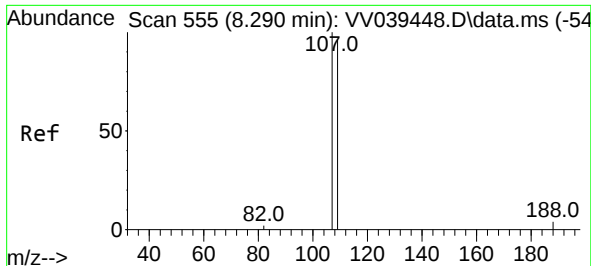
Tgt Ion:	67	Resp:	527
Ion	Ratio	Lower	Upper
67	100		
65	50.5	37.9	56.9
46	38.5	27.4	41.0
42	65.7	51.2	76.8



#8
Toluene-d8
Concen: 0.086 ug/L
RT: 7.269 min Scan# 489
Delta R.T. 0.031 min
Lab File: VV039447.D
Acq: 03 Dec 2025 10:58

Tgt Ion:	98	Resp:	807
Ion	Ratio	Lower	Upper
98	100		
100	95.2	44.5	82.7#
42	16.9	10.1	18.7

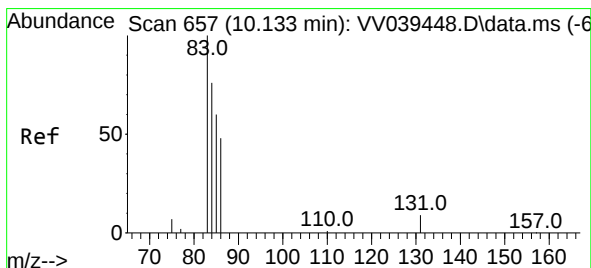
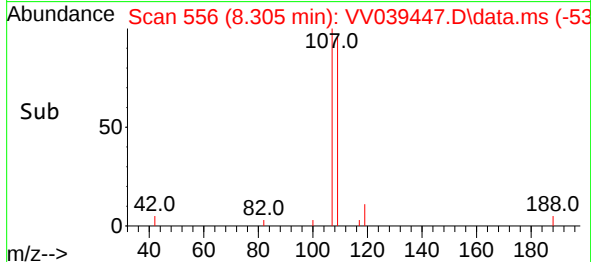
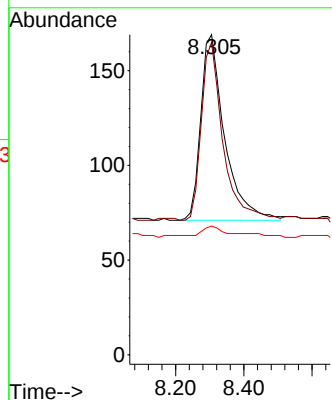
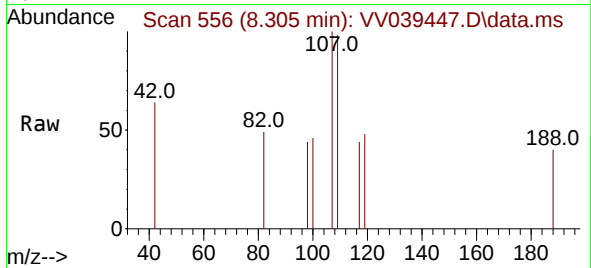




#9
 1,2-Dibromoethane
 Concen: 0.089 ug/L
 RT: 8.305 min Scan# 556
 Delta R.T. 0.015 min
 Lab File: VV039447.D
 Acq: 03 Dec 2025 10:58

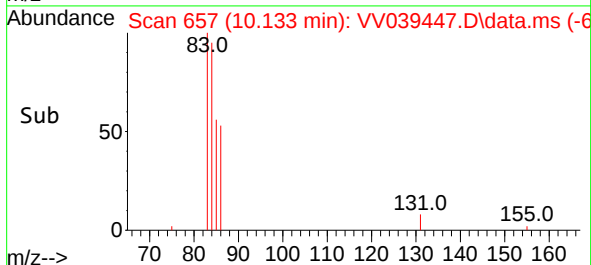
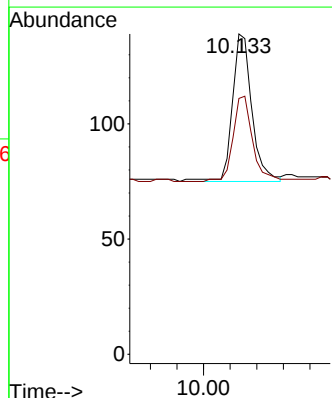
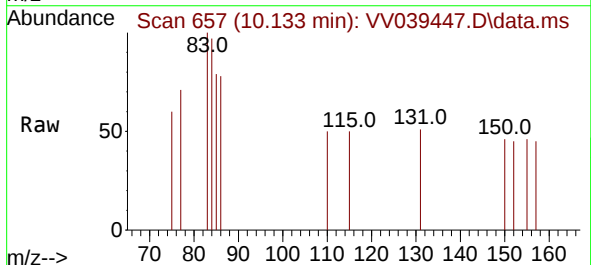
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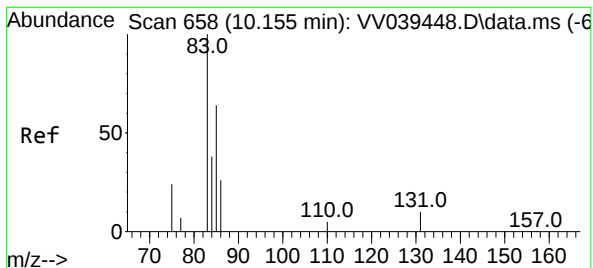
Tgt Ion:107 Resp: 475
 Ion Ratio Lower Upper
 107 100
 109 97.6 67.4 125.2
 188 40.2 9.4 14.0#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.105 ug/L
 RT: 10.133 min Scan# 657
 Delta R.T. 0.000 min
 Lab File: VV039447.D
 Acq: 03 Dec 2025 10:58

Tgt Ion: 84 Resp: 326
 Ion Ratio Lower Upper
 84 100
 86 58.0 44.4 82.5





#11

1,1,2,2-Tetrachloroethane

Concen: 0.091 ug/L

RT: 10.155 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV039447.D

Acq: 03 Dec 2025 10:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.1271

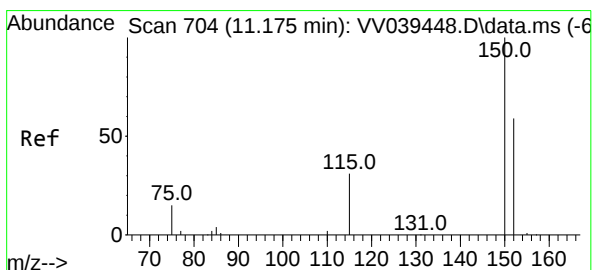
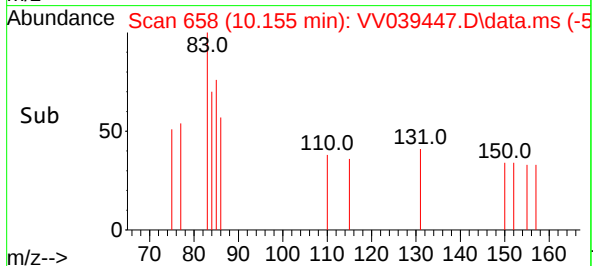
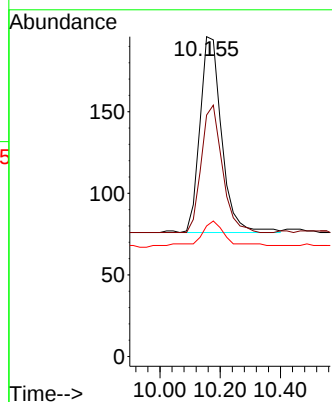
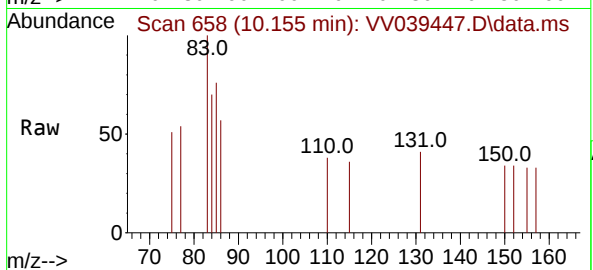
Tgt Ion: 83 Resp: 600

Ion Ratio Lower Upper

83 100

85 63.0 51.0 76.6

131 0.0 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: VV039447.D

Acq: 03 Dec 2025 10:58

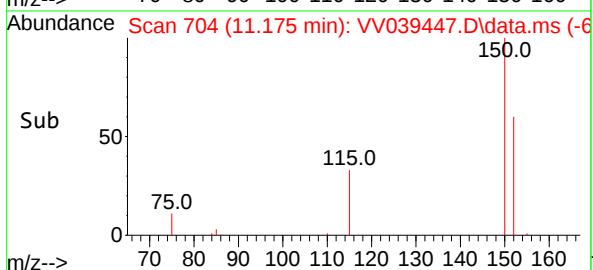
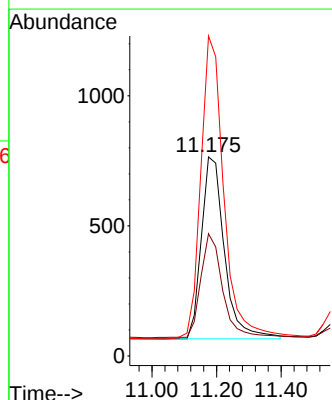
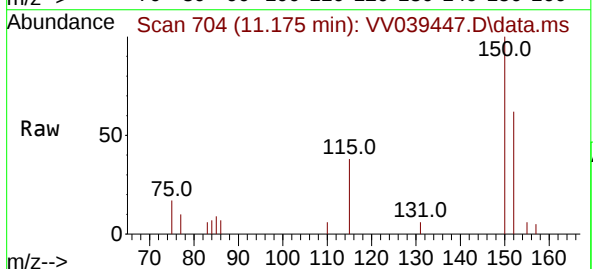
Tgt Ion: 152 Resp: 3467

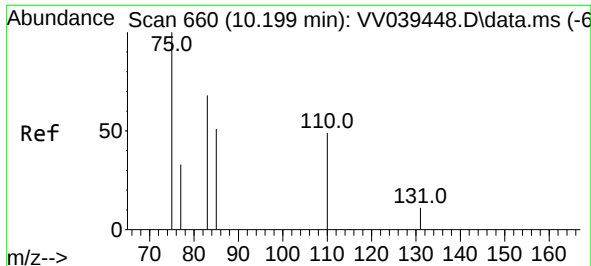
Ion Ratio Lower Upper

152 100

115 54.2 0.0 101.6

150 166.5 0.0 396.2

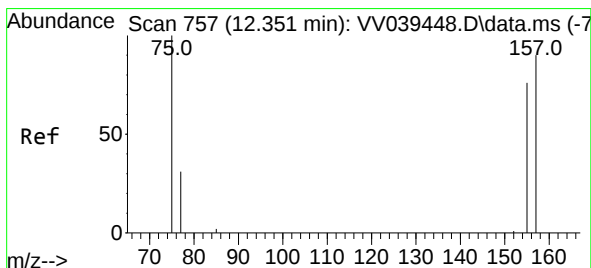
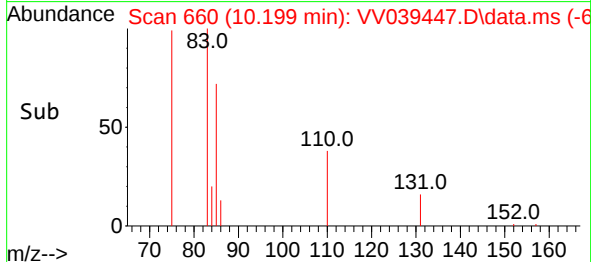
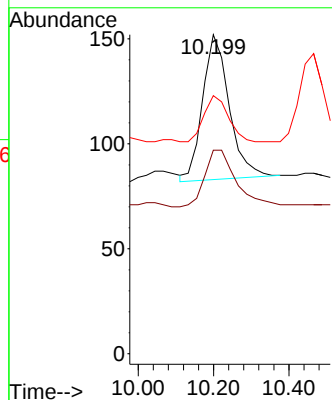
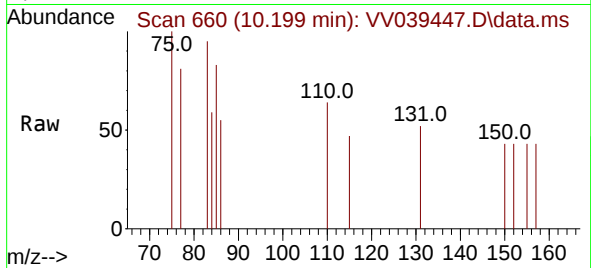




#13
1,2,3-Trichloropropane
Concen: 0.095 ug/L
RT: 10.199 min Scan# 660
Delta R.T. 0.000 min
Lab File: VV039447.D
Acq: 03 Dec 2025 10:58

Instrument :
MSVOA_V
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VSTD0.1271

Tgt Ion: 75	Resp:	338	
Ion	Ratio	Lower	Upper
75	100		
110	46.7	37.8	56.6
77	29.0	25.6	38.4



#14
1,2-Dibromo-3-chloropropane
Concen: 0.102 ug/L
RT: 12.351 min Scan# 757
Delta R.T. 0.000 min
Lab File: VV039447.D
Acq: 03 Dec 2025 10:58

Tgt Ion: 75	Resp: 75
Ion Ratio	Lower Upper
75 100	
157 77.1	67.8 101.6
155 76.0	61.9 92.9

