

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039458.D
 Acq On : 04 Dec 2025 09:42
 Operator : SY/MD
 Sample : VSTDCCC0.5
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5333

Quant Time: Dec 05 00:07:23 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)

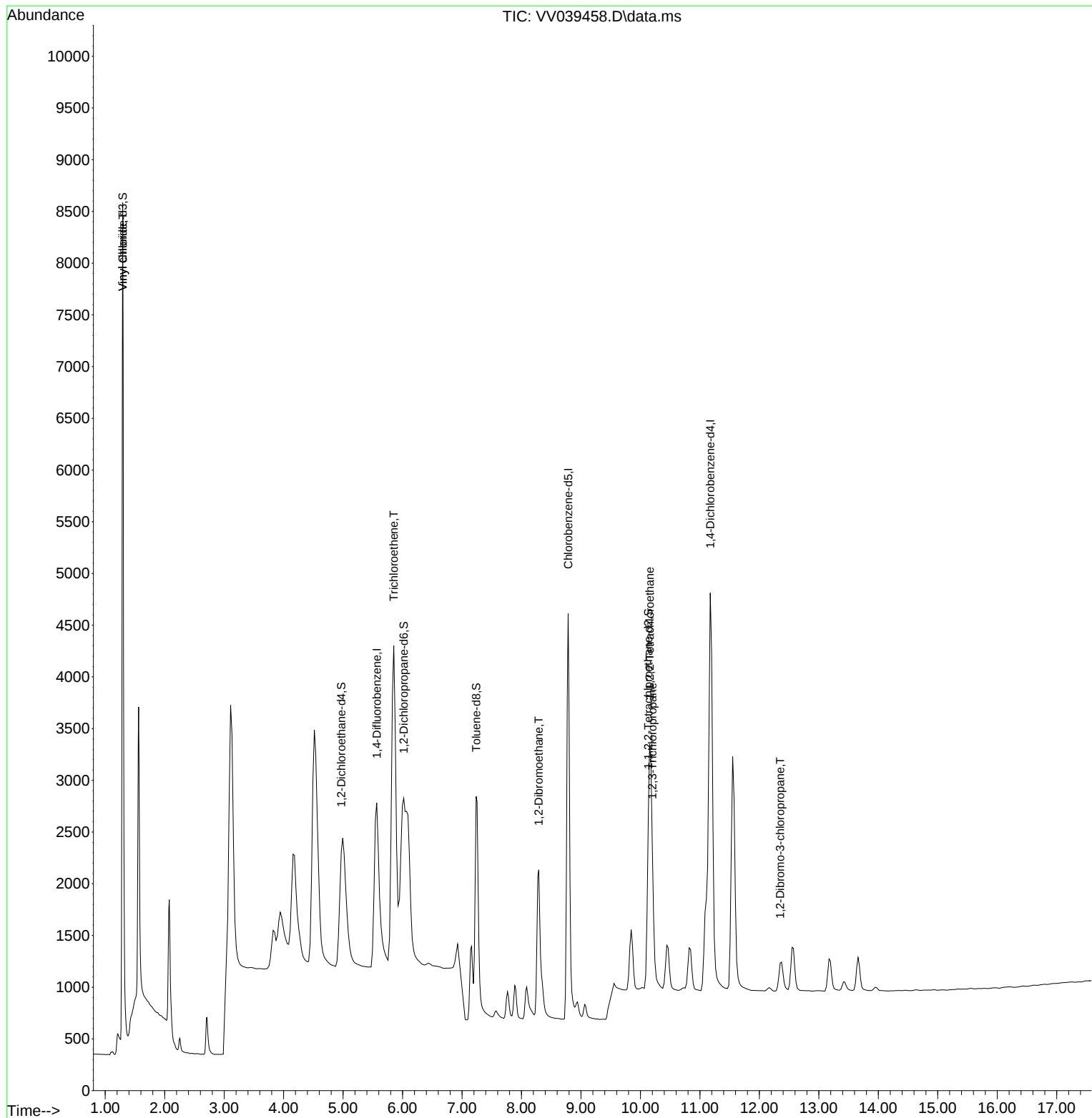
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7270	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7273	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	4097	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3578	0.489	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	98.000%
4) 1,2-Dichloroethane-d4	4.970	65	2219	0.458	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	6.019	67	3157	0.514	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	102.000%
8) Toluene-d8	7.238	98	4928	0.476	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1753	0.507	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	7516	0.478	ug/L	99
6) Trichloroethene	5.852	95	4505	0.500	ug/L	99
9) 1,2-Dibromoethane	8.290	107	2821	0.474	ug/L	100
11) 1,1,2,2-Tetrachloroethane	10.155	83	3747	0.514	ug/L	99
13) 1,2,3-Trichloropropane	10.199	75	2084	0.483	ug/L	98
14) 1,2-Dibromo-3-chloropr...	12.351	75	411	0.471	ug/L	99

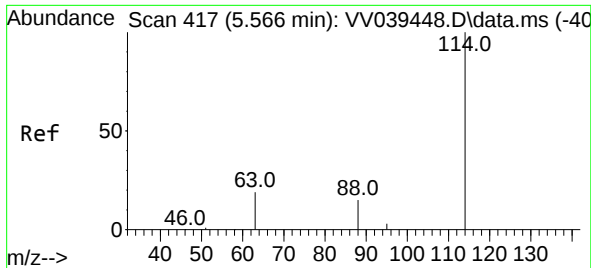
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
Data File : VV039458.D
Acq On : 04 Dec 2025 09:42
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Sample : VSTDCCC0.5
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5333

Quant Time: Dec 05 00:07:23 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

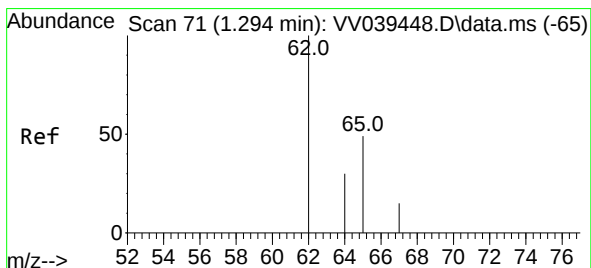
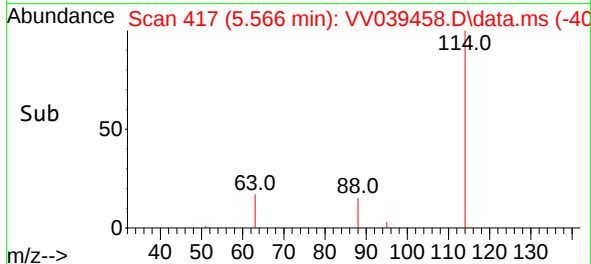
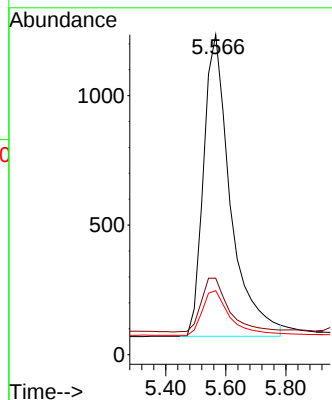
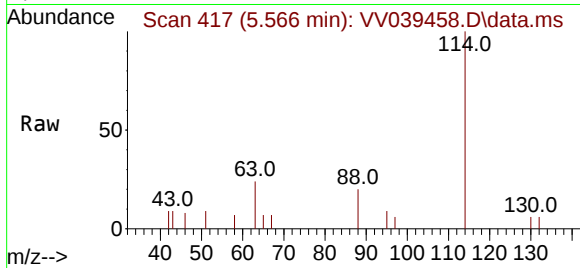




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VV039458.D
 Acq: 04 Dec 2025 09:42

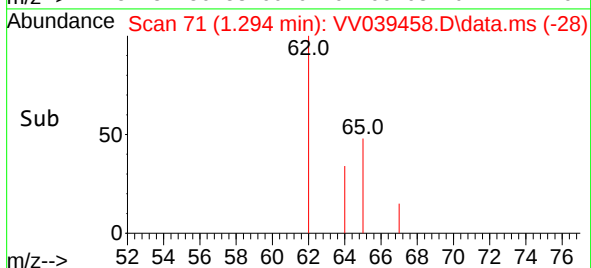
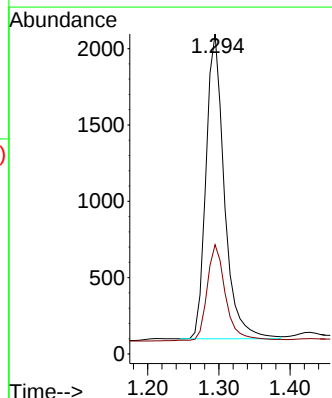
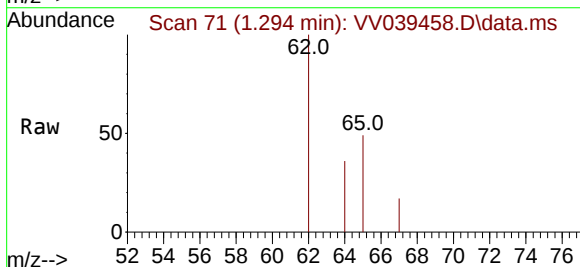
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5333

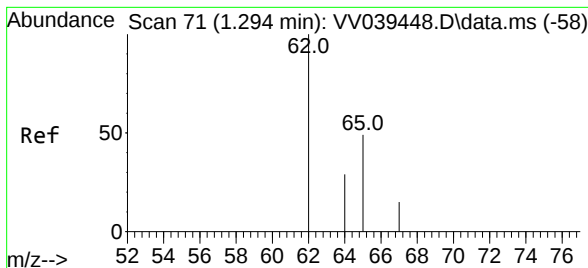
Tgt Ion:	114	Resp:	7270
Ion	Ratio	Lower	Upper
114	100		
63	18.2	15.0	22.4
88	15.0	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.489 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039458.D
 Acq: 04 Dec 2025 09:42

Tgt Ion:	65	Resp:	3578
Ion	Ratio	Lower	Upper
65	100		
67	32.4	22.3	41.5





#3

Vinyl chloride

Concen: 0.478 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039458.D

Acq: 04 Dec 2025 09:42

Instrument :

MSVOA_V

ClientSampleId :

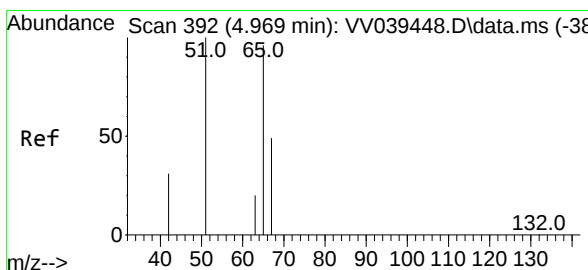
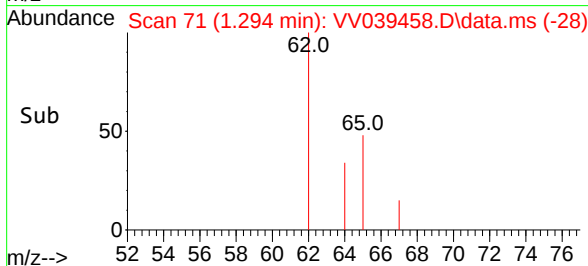
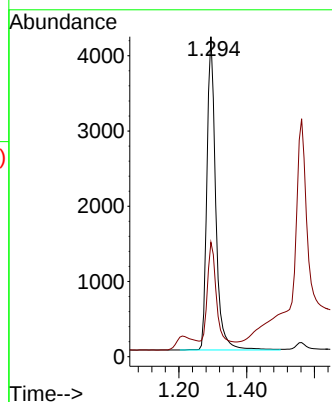
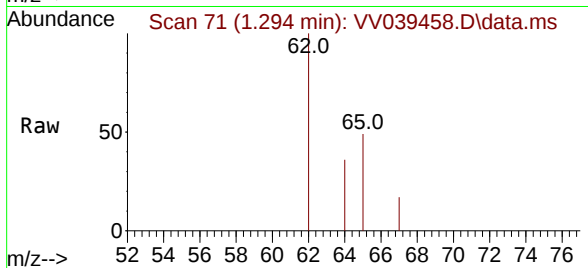
VSTD0.5333

Tgt Ion: 62 Resp: 7516

Ion Ratio Lower Upper

62 100

64 35.7 24.8 46.0



#4

1,2-Dichloroethane-d4

Concen: 0.458 ug/L

RT: 4.970 min Scan# 392

Delta R.T. 0.001 min

Lab File: VV039458.D

Acq: 04 Dec 2025 09:42

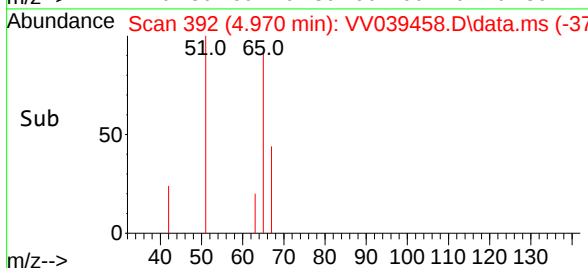
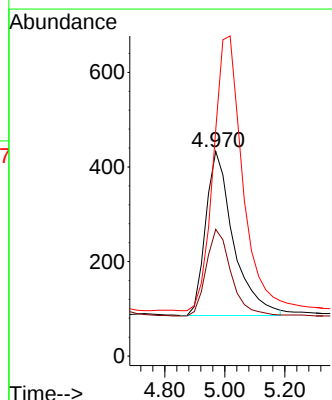
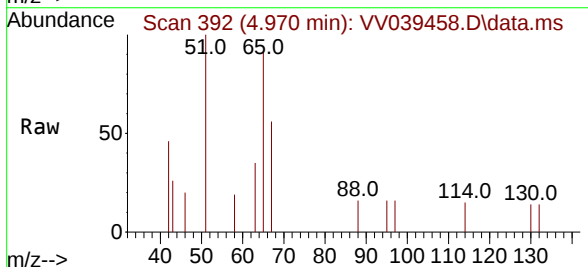
Tgt Ion: 65 Resp: 2219

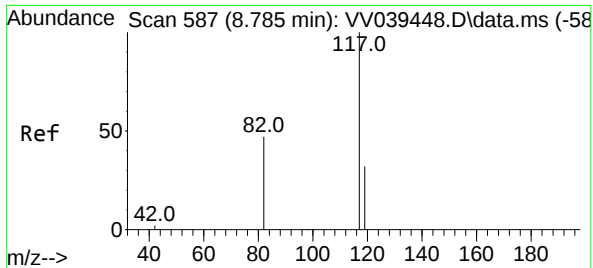
Ion Ratio Lower Upper

65 100

67 47.4 32.5 60.3

51 175.4 121.4 225.6

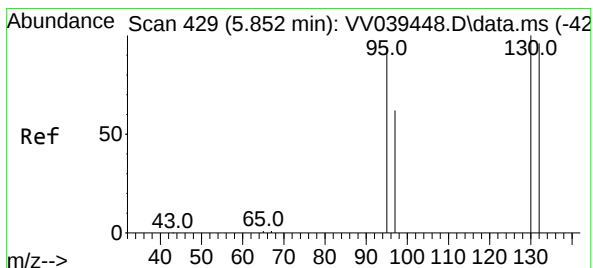
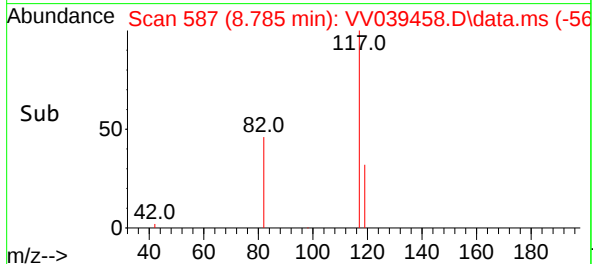
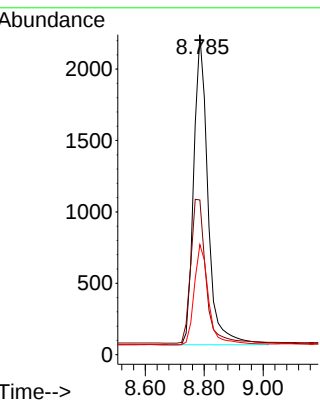
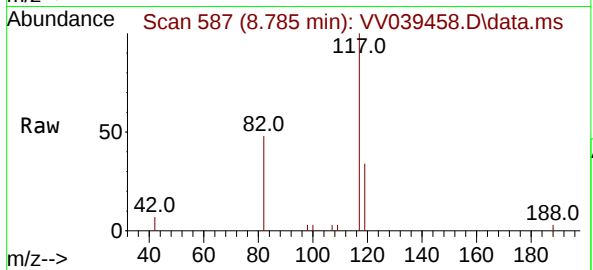




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039458.D
Acq: 04 Dec 2025 09:42

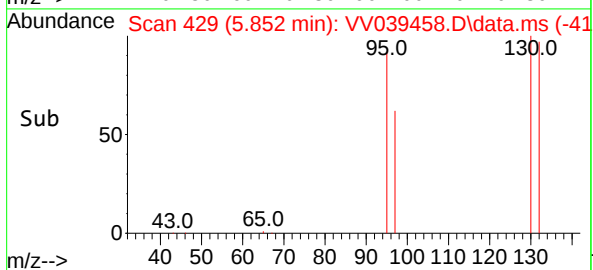
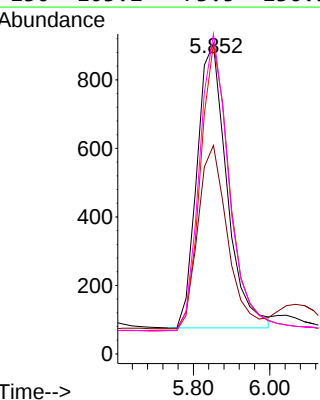
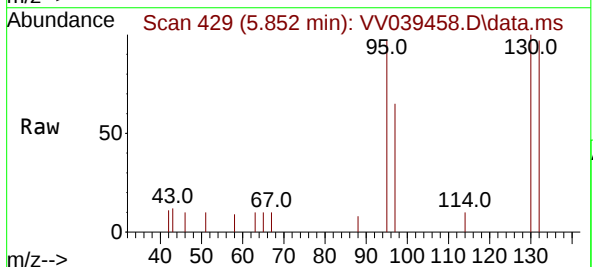
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5333

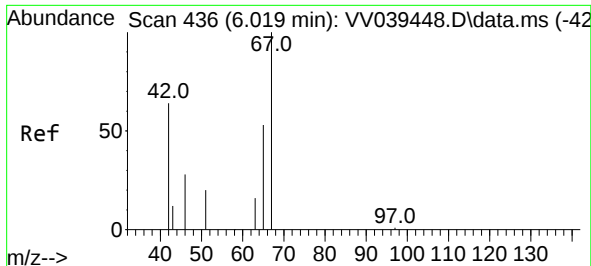
Tgt Ion:	117	Resp:	7273
Ion	Ratio	Lower	Upper
117	100		
82	49.4	39.4	59.2
119	32.7	26.2	39.2



#6
Trichloroethene
Concen: 0.500 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039458.D
Acq: 04 Dec 2025 09:42

Tgt Ion:	95	Resp:	4505
Ion	Ratio	Lower	Upper
95	100		
97	67.3	47.7	88.7
132	100.1	70.8	131.4
130	103.2	73.5	136.5



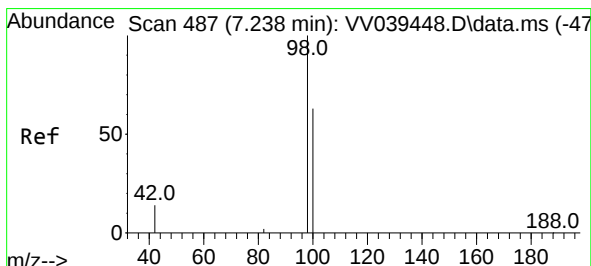
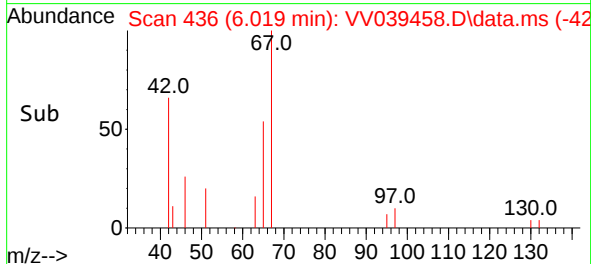
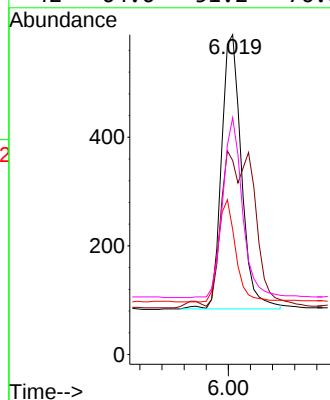
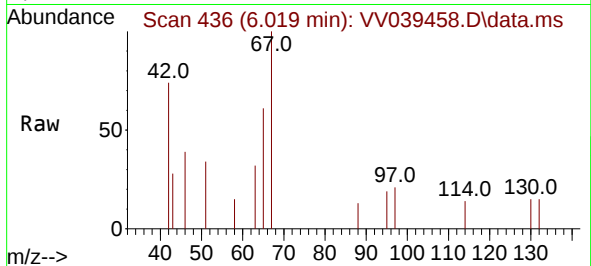


#7
1,2-Dichloropropane-d6
Concen: 0.514 ug/L
RT: 6.019 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039458.D
Acq: 04 Dec 2025 09:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5333

Tgt Ion: 67 Resp: 3157

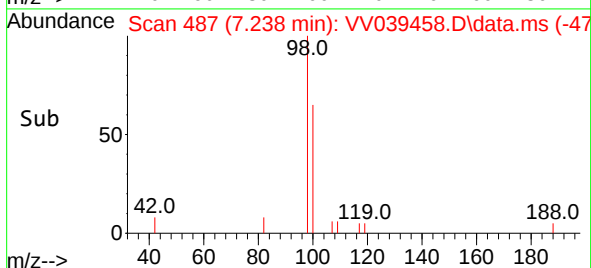
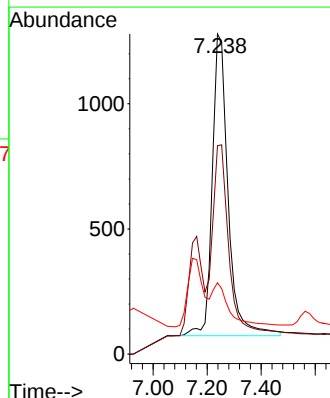
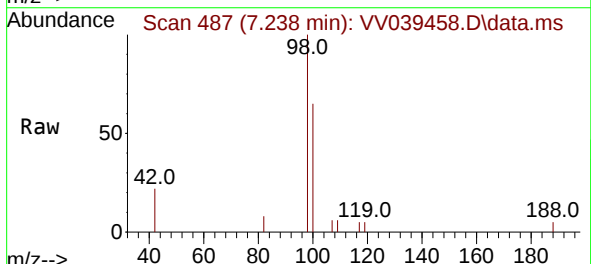
Ion	Ratio	Lower	Upper
67	100		
65	48.6	37.9	56.9
46	32.7	27.4	41.0
42	64.6	51.2	76.8

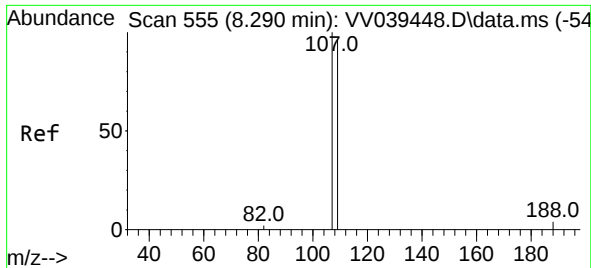


#8
Toluene-d8
Concen: 0.476 ug/L
RT: 7.238 min Scan# 487
Delta R.T. 0.000 min
Lab File: VV039458.D
Acq: 04 Dec 2025 09:42

Tgt Ion: 98 Resp: 4928

Ion	Ratio	Lower	Upper
98	100		
100	62.7	44.5	82.7
42	14.3	10.1	18.7

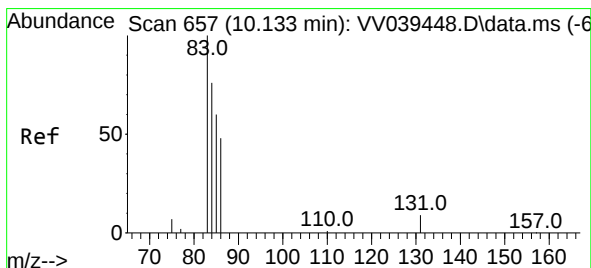
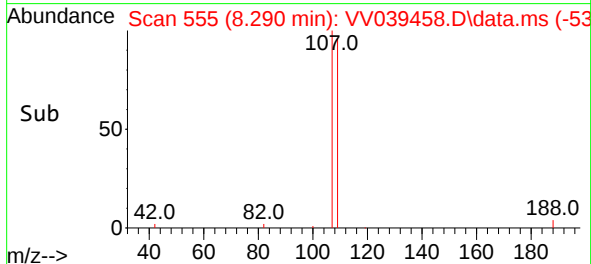
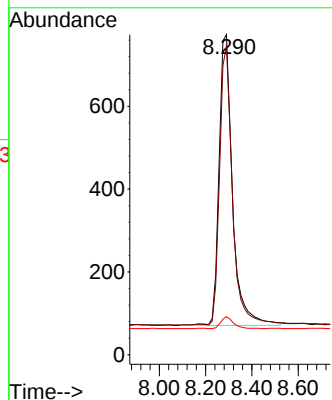
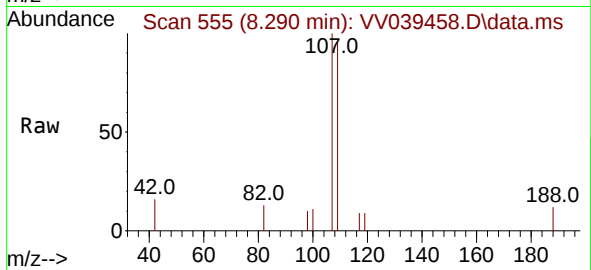




#9
1,2-Dibromoethane
Concen: 0.474 ug/L
RT: 8.290 min Scan# 555
Delta R.T. 0.000 min
Lab File: VV039458.D
Acq: 04 Dec 2025 09:42

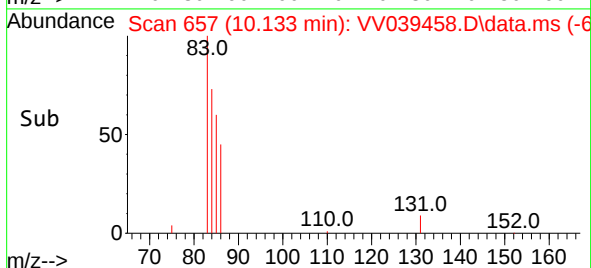
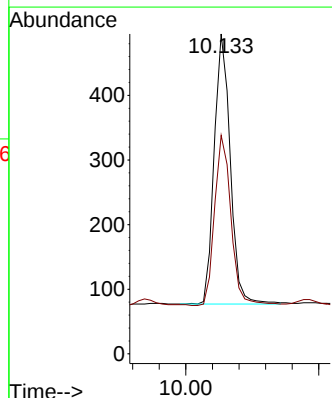
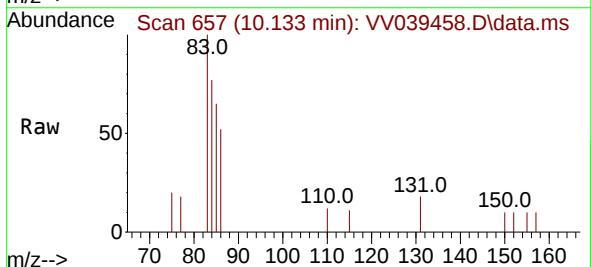
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5333

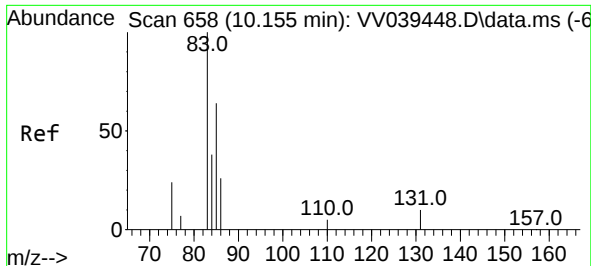
Tgt Ion:	107	Resp:	2821
Ion	Ratio	Lower	Upper
107	100		
109	96.4	67.4	125.2
188	11.9	9.4	14.0



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.507 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039458.D
Acq: 04 Dec 2025 09:42

Tgt Ion:	84	Resp:	1753
Ion	Ratio	Lower	Upper
84	100		
86	64.5	44.4	82.5

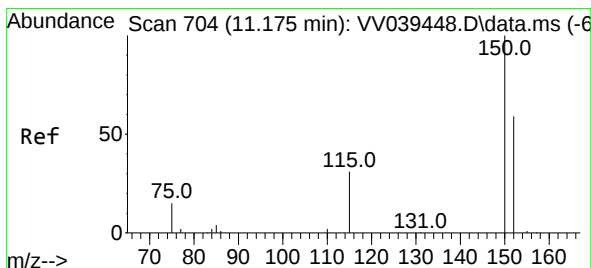
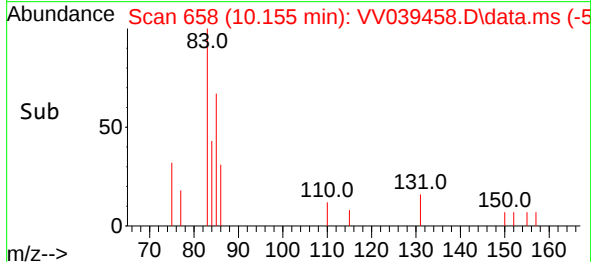
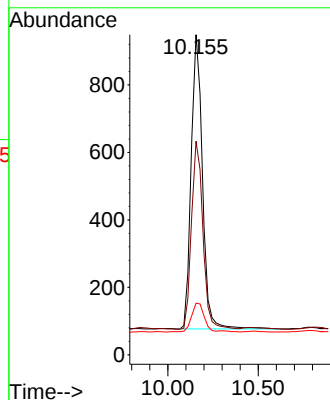
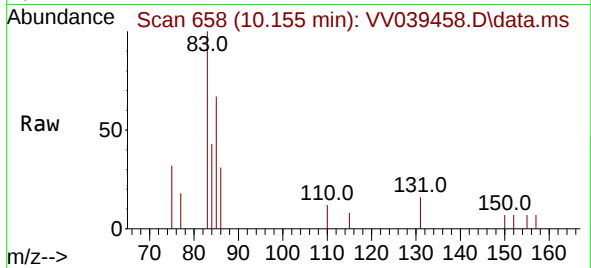




#11
1,1,2,2-Tetrachloroethane
Concen: 0.514 ug/L
RT: 10.155 min Scan# 611
Delta R.T. 0.000 min
Lab File: VV039458.D
Acq: 04 Dec 2025 09:42

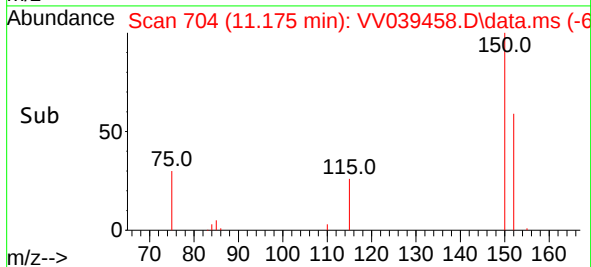
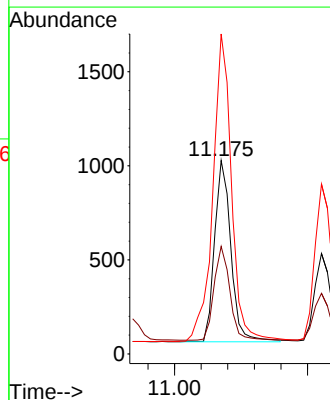
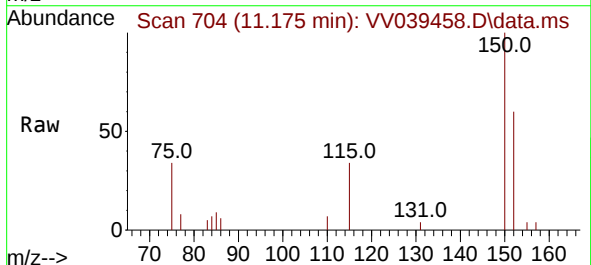
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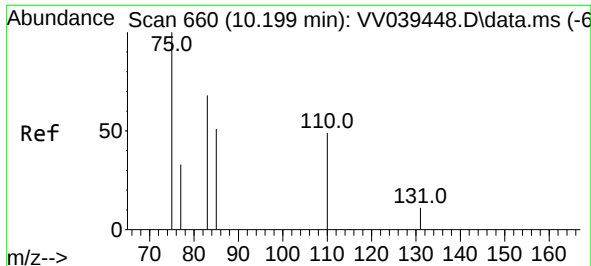
Tgt Ion: 83	Resp:	3747	
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.0	76.6
131	11.1	8.6	12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. 0.000 min
Lab File: VV039458.D
Acq: 04 Dec 2025 09:42

Tgt Ion:152	Resp:	4097	
Ion	Ratio	Lower	Upper
152	100		
115	50.5	0.0	101.6
150	194.5	0.0	396.2





#13

1,2,3-Trichloropropane

Concen: 0.483 ug/L

RT: 10.199 min Scan# 660

Delta R.T. 0.000 min

Lab File: VV039458.D

Acq: 04 Dec 2025 09:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5333

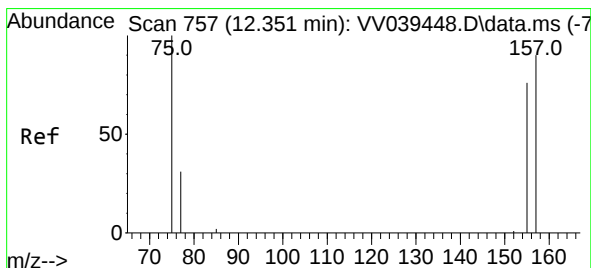
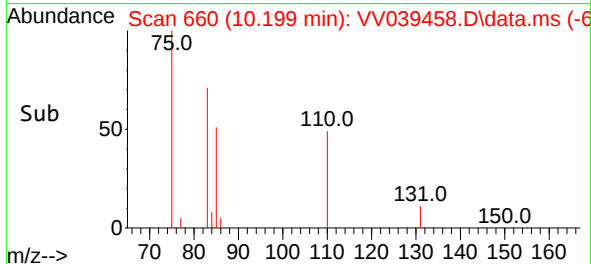
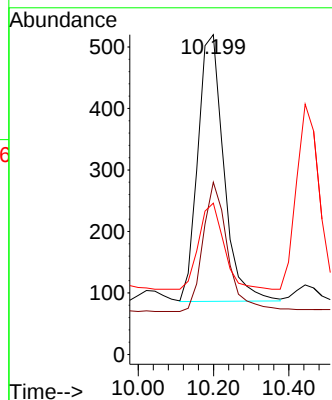
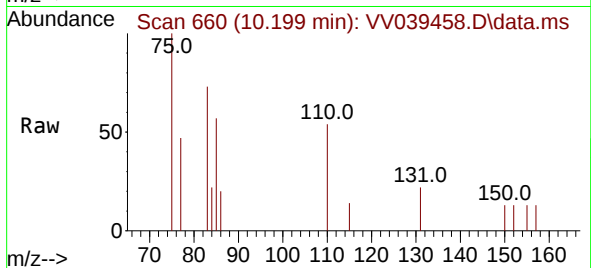
Tgt Ion: 75 Resp: 2084

Ion Ratio Lower Upper

75 100

110 46.2 37.8 56.6

77 31.0 25.6 38.4



#14

1,2-Dibromo-3-chloropropane

Concen: 0.471 ug/L

RT: 12.351 min Scan# 757

Delta R.T. 0.000 min

Lab File: VV039458.D

Acq: 04 Dec 2025 09:42

Tgt Ion: 75 Resp: 411

Ion Ratio Lower Upper

75 100

157 85.1 67.8 101.6

155 75.9 61.9 92.9

