

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112525\
 Data File : VV039426.D
 Acq On : 25 Nov 2025 13:12
 Operator : SY/MD
 Sample : VSTDICV0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV261

Quant Time: Nov 26 04:01:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM112525.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 26 03:57:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

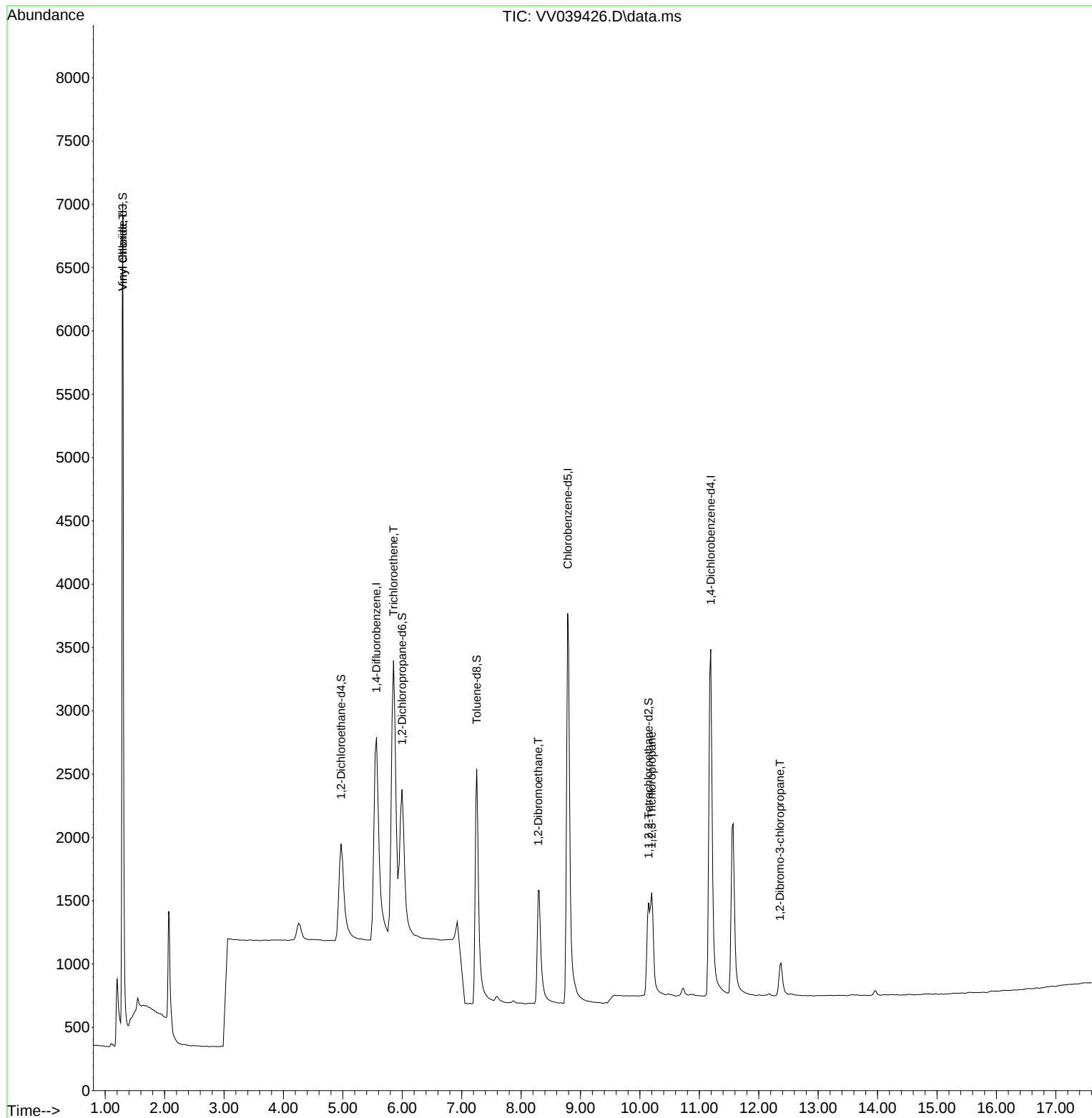
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7194	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6740	0.500	ug/L	-0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	3513	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3881	0.535	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 106.000%	
4) 1,2-Dichloroethane-d4	4.970	65	2109	0.467	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 94.000%	
7) 1,2-Dichloropropane-d6	5.996	67	2233	0.523	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	= 104.000%	
8) Toluene-d8	7.254	98	4528	0.536	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 108.000%	
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1620	0.540	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 108.000%	
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	4969	0.526	ug/L	99
6) Trichloroethene	5.852	95	3167	0.544	ug/L	99
9) 1,2-Dibromoethane	8.290	107	2019	0.518	ug/L	97
12) 1,2,3-Trichloropropane	10.197	75	1671	0.526	ug/L	97
13) 1,2-Dibromo-3-chloropr...	12.357	75	342	0.491	ug/L	97

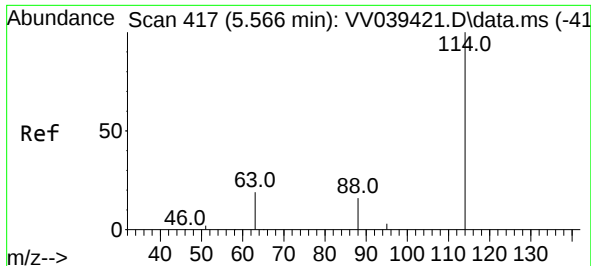
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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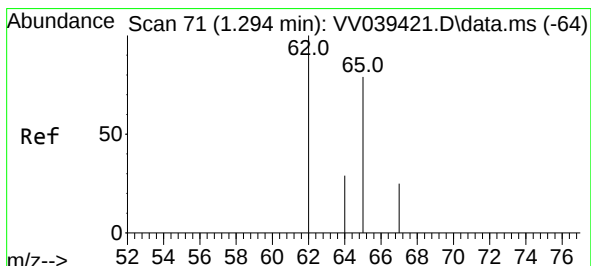
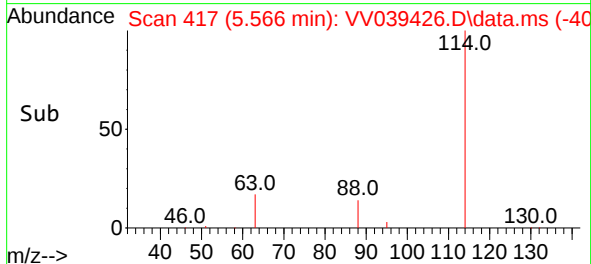
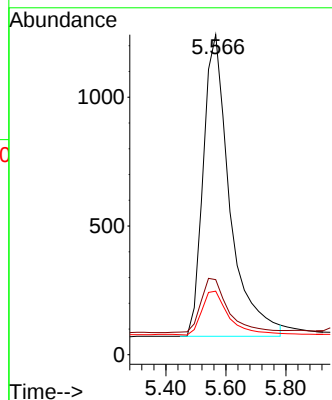
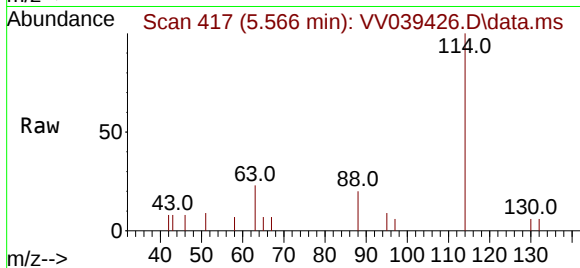




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039426.D
Acq: 25 Nov 2025 13:12

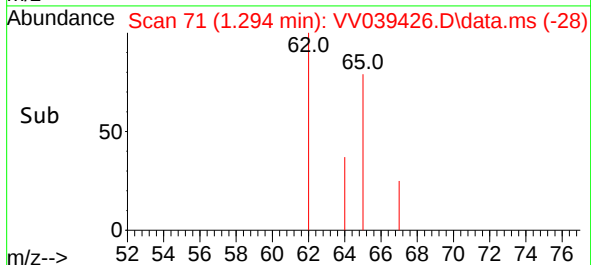
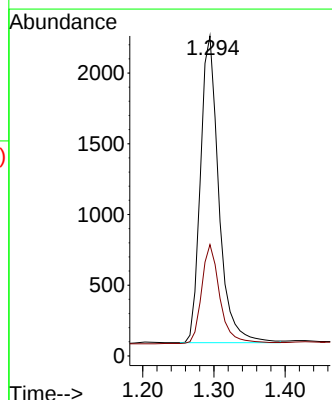
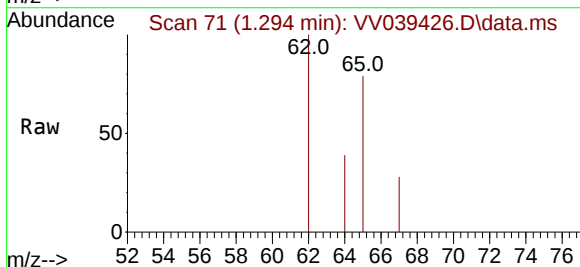
Instrument :
MSVOA_V
ClientSampleId :
VICV261

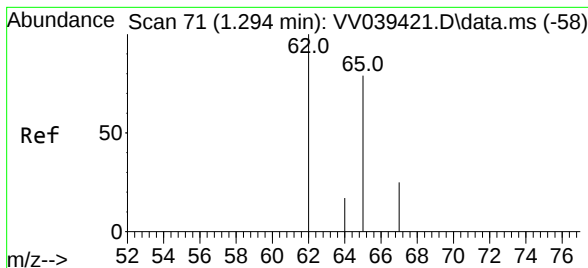
Tgt Ion:114 Resp: 7194
Ion Ratio Lower Upper
114 100
63 18.5 15.8 23.6
88 14.4 12.4 18.6



#2
Vinyl Chloride-d3
Concen: 0.535 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039426.D
Acq: 25 Nov 2025 13:12

Tgt Ion: 65 Resp: 3881
Ion Ratio Lower Upper
65 100
67 32.6 23.0 42.8





#3

Vinyl chloride

Concen: 0.526 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039426.D

Acq: 25 Nov 2025 13:12

Instrument :

MSVOA_V

ClientSampleId :

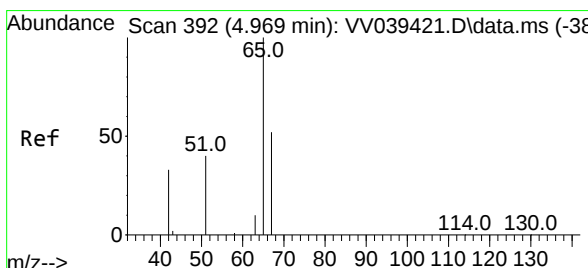
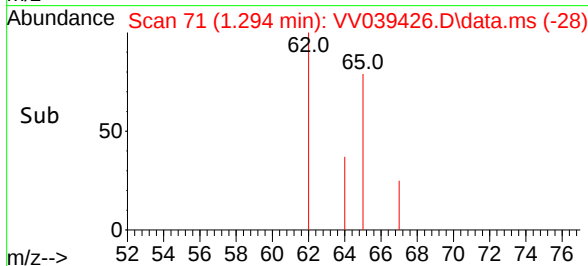
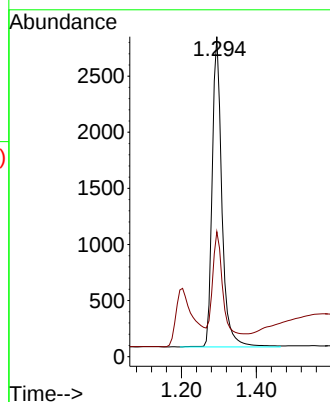
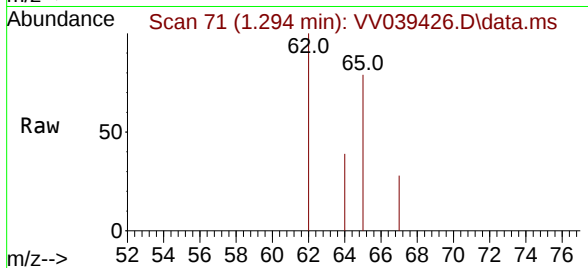
VICV261

Tgt Ion: 62 Resp: 4969

Ion Ratio Lower Upper

62 100

64 39.0 27.6 51.4



#4

1,2-Dichloroethane-d4

Concen: 0.467 ug/L

RT: 4.970 min Scan# 392

Delta R.T. 0.001 min

Lab File: VV039426.D

Acq: 25 Nov 2025 13:12

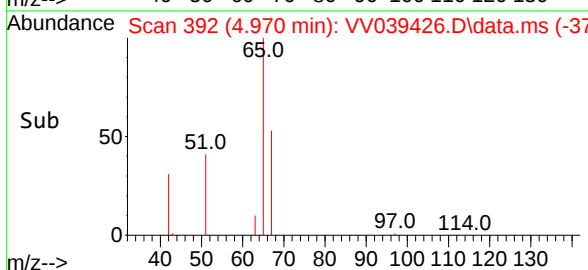
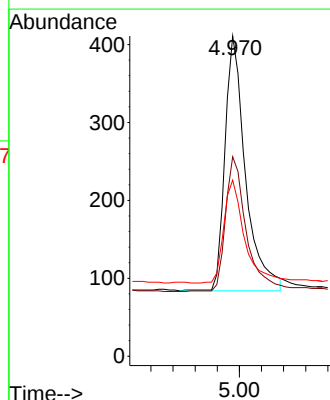
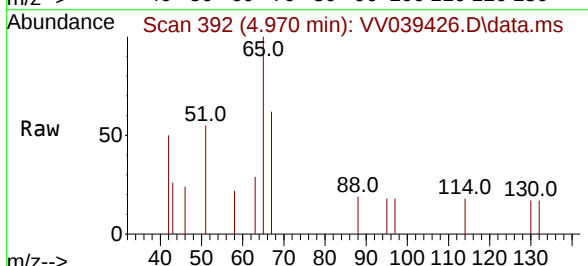
Tgt Ion: 65 Resp: 2109

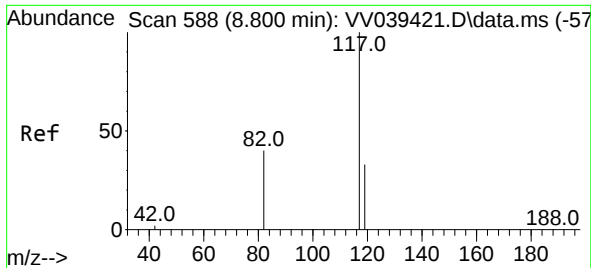
Ion Ratio Lower Upper

65 100

67 52.3 37.0 68.8

51 40.4 27.8 51.6

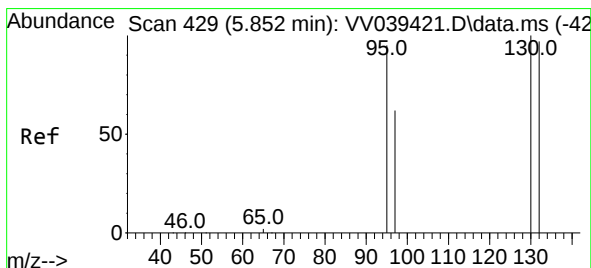
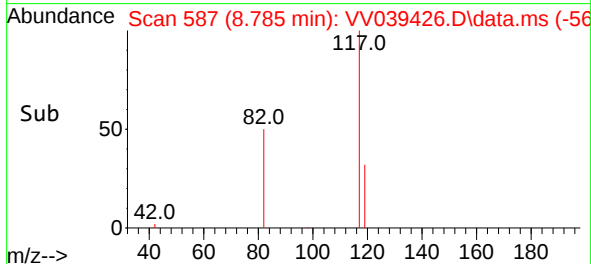
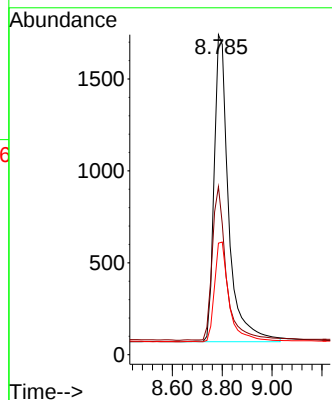
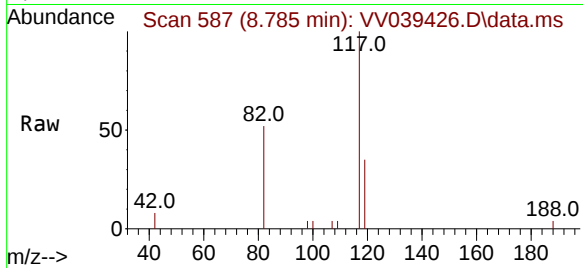




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. -0.015 min
Lab File: VV039426.D
Acq: 25 Nov 2025 13:12

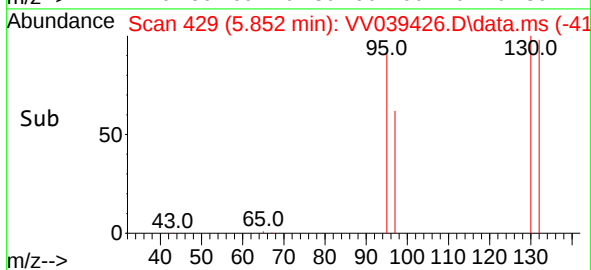
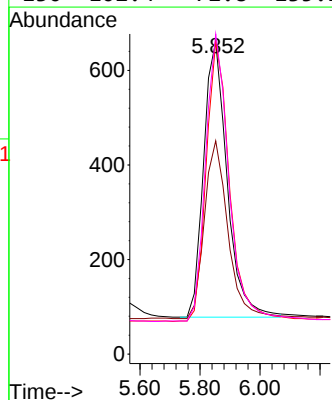
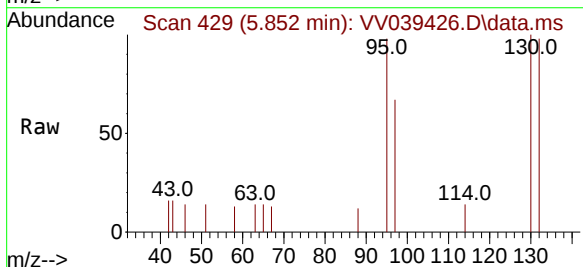
Instrument :
MSVOA_V
ClientSampleId :
VICV261

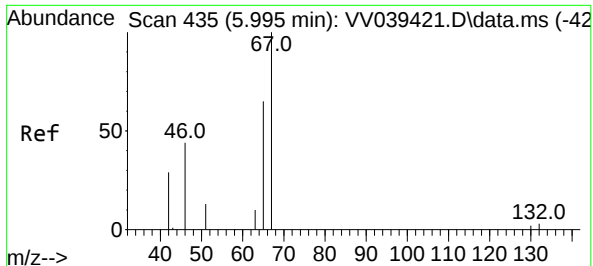
Tgt Ion:	117	Resp:	6740
Ion	Ratio	Lower	Upper
117	100		
82	48.5	38.2	57.4
119	32.7	25.7	38.5



#6
Trichloroethene
Concen: 0.544 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039426.D
Acq: 25 Nov 2025 13:12

Tgt Ion:	95	Resp:	3167
Ion	Ratio	Lower	Upper
95	100		
97	68.2	48.5	90.1
132	100.0	70.8	131.6
130	102.4	72.8	135.2



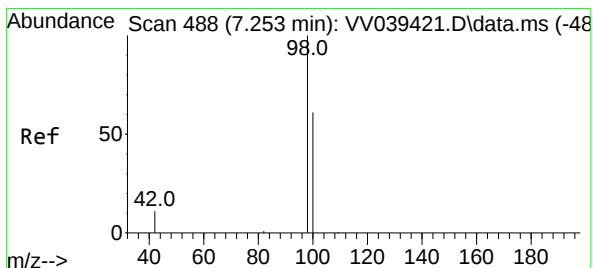
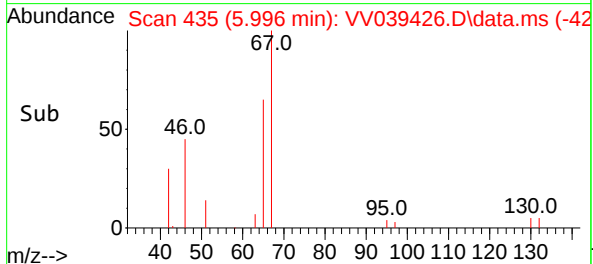
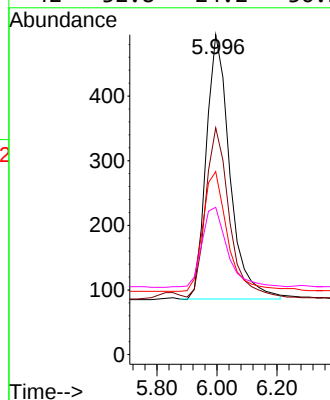
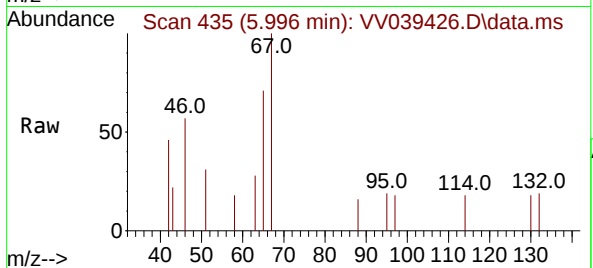


#7
 1,2-Dichloropropane-d6
 Concen: 0.523 ug/L
 RT: 5.996 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VV039426.D
 Acq: 25 Nov 2025 13:12

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV261

Tgt Ion: 67 Resp: 2233

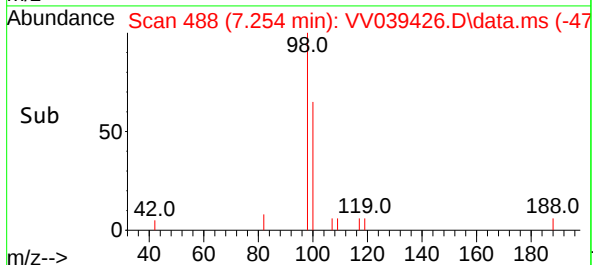
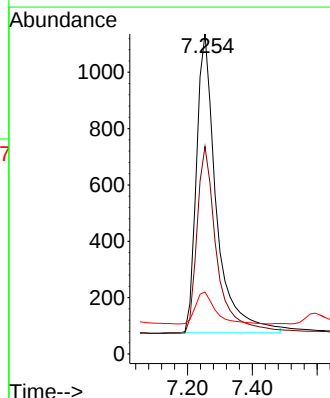
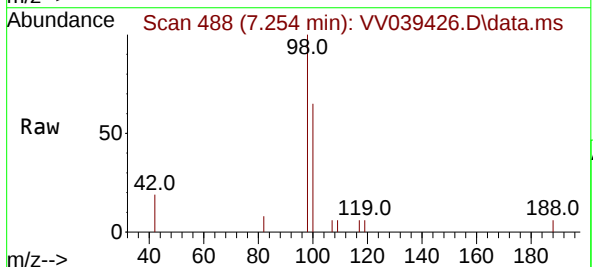
Ion	Ratio	Lower	Upper
67	100		
65	63.9	49.8	74.8
46	46.8	35.8	53.6
42	32.8	24.2	36.2

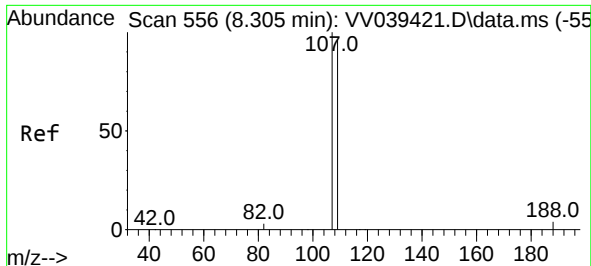


#8
 Toluene-d8
 Concen: 0.536 ug/L
 RT: 7.254 min Scan# 488
 Delta R.T. 0.001 min
 Lab File: VV039426.D
 Acq: 25 Nov 2025 13:12

Tgt Ion: 98 Resp: 4528

Ion	Ratio	Lower	Upper
98	100		
100	62.0	43.1	80.1
42	10.4	7.8	14.4



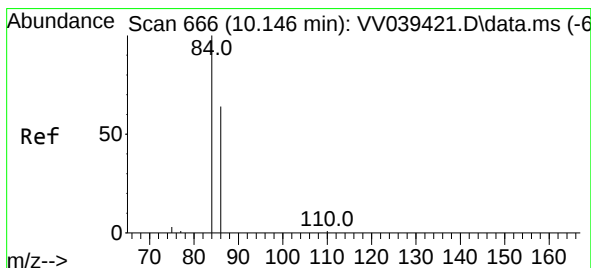
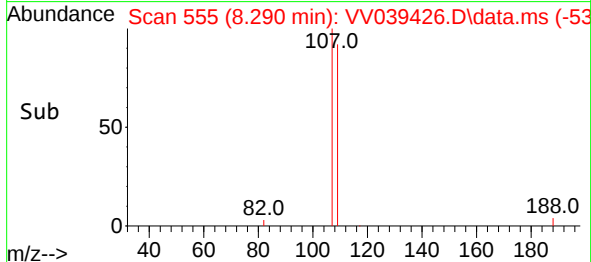
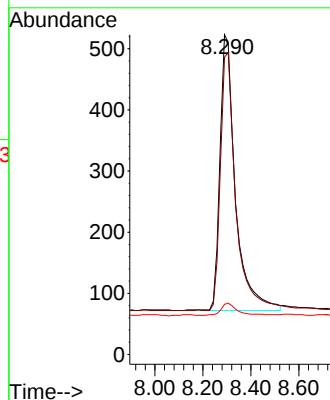
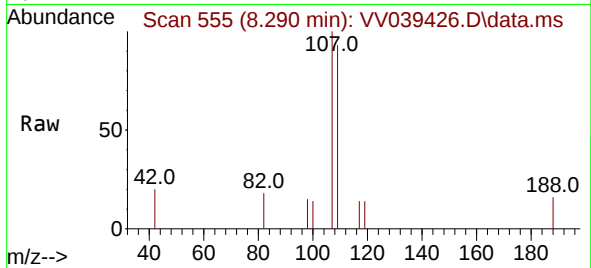


#9
1,2-Dibromoethane
Concen: 0.518 ug/L
RT: 8.290 min Scan# 556
Delta R.T. -0.015 min
Lab File: VV039426.D
Acq: 25 Nov 2025 13:12

Instrument :
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VICV261

Tgt Ion:107 Resp: 2019

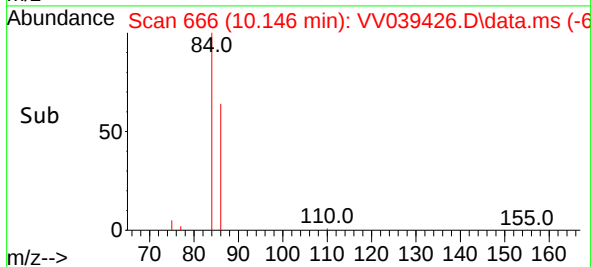
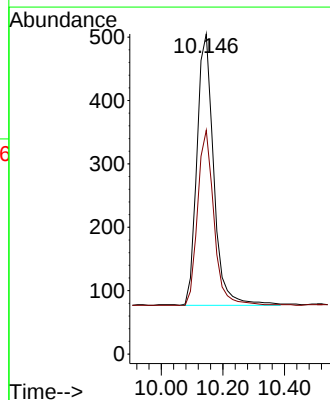
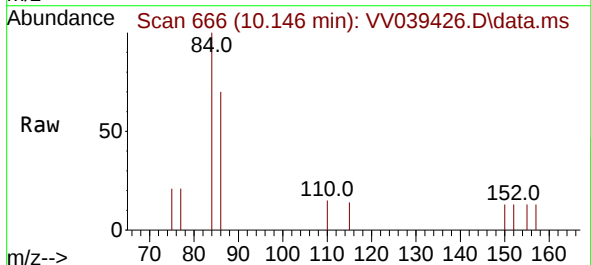
Ion	Ratio	Lower	Upper
107	100		
109	92.9	67.8	125.8
188	15.7	12.8	19.2

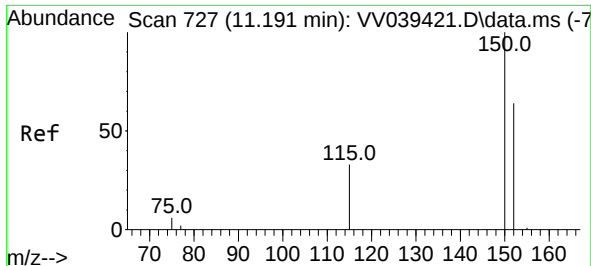


#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.540 ug/L
RT: 10.146 min Scan# 666
Delta R.T. -0.000 min
Lab File: VV039426.D
Acq: 25 Nov 2025 13:12

Tgt Ion: 84 Resp: 1620

Ion	Ratio	Lower	Upper
84	100		
86	62.6	45.4	84.4

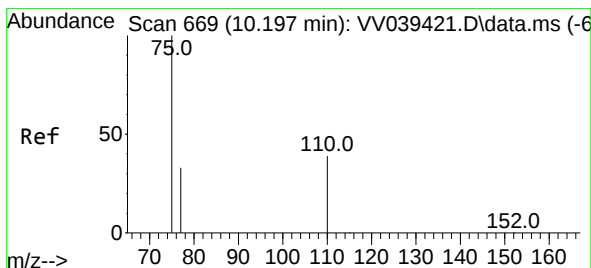
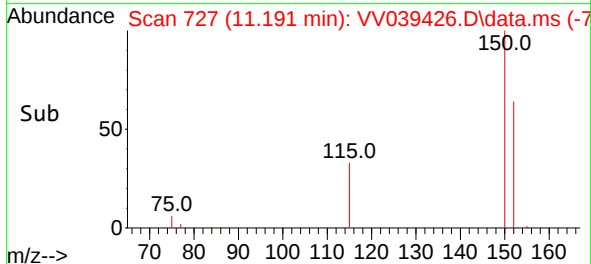
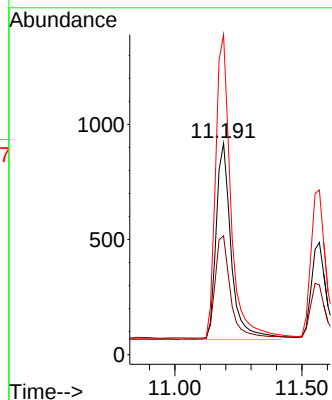
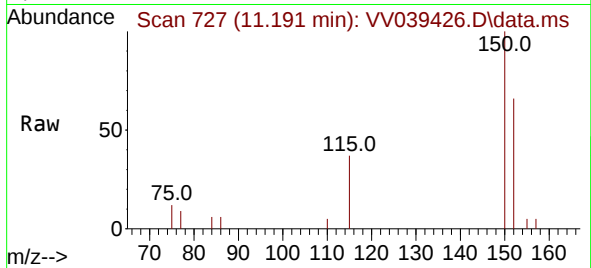




#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 727
 Delta R.T. 0.000 min
 Lab File: VV039426.D
 Acq: 25 Nov 2025 13:12

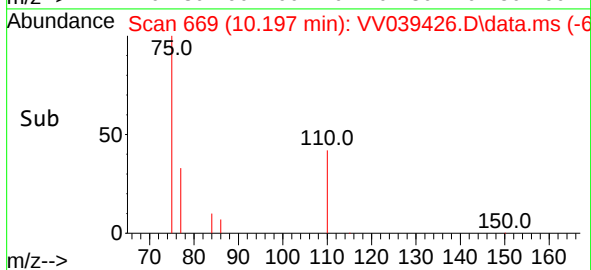
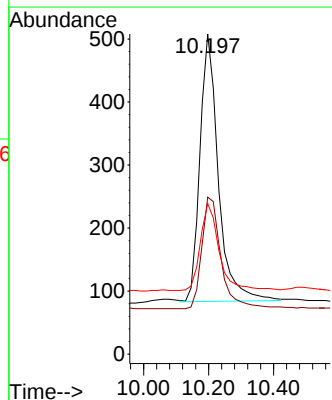
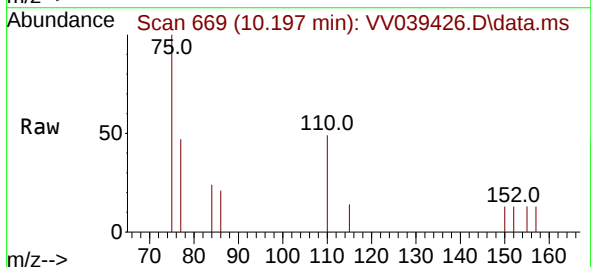
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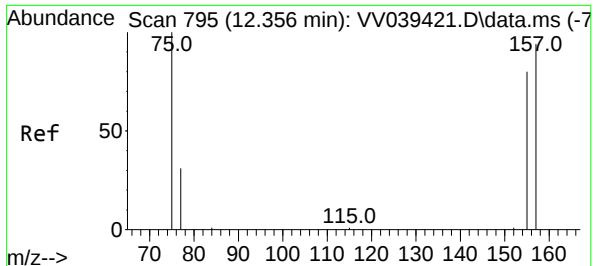
Tgt Ion:152 Resp: 3513
 Ion Ratio Lower Upper
 152 100
 115 52.5 0.0 105.4
 150 157.3 0.0 315.4



#12
 1,2,3-Trichloropropane
 Concen: 0.526 ug/L
 RT: 10.197 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: VV039426.D
 Acq: 25 Nov 2025 13:12

Tgt Ion: 75 Resp: 1671
 Ion Ratio Lower Upper
 75 100
 110 43.7 33.6 50.4
 77 33.2 28.3 42.5





#13

1,2-Dibromo-3-chloropropane

Concen: 0.491 ug/L

RT: 12.357 min Scan# 795

Delta R.T. 0.000 min

Lab File: VV039426.D

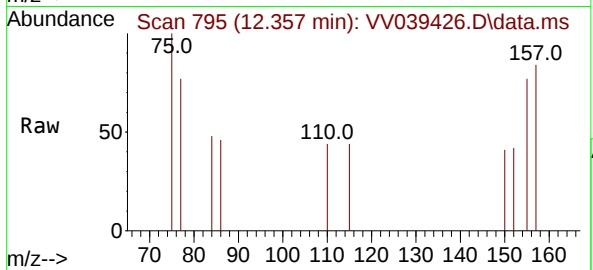
Acq: 25 Nov 2025 13:12

Instrument :

MSVOA_V

ClientSampleId :

VICV261



Tgt Ion: 75 Resp: 342

Ion Ratio Lower Upper

75 100

157 84.1 69.3 103.9

155 77.4 64.4 96.6

