

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112525\
 Data File : VV039423.D
 Acq On : 25 Nov 2025 11:47
 Operator : SY/MD
 Sample : VSTD002
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD002259

Quant Time: Nov 26 03:50:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM112525.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 26 03:49:02 2025
 Response via : Initial Calibration

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

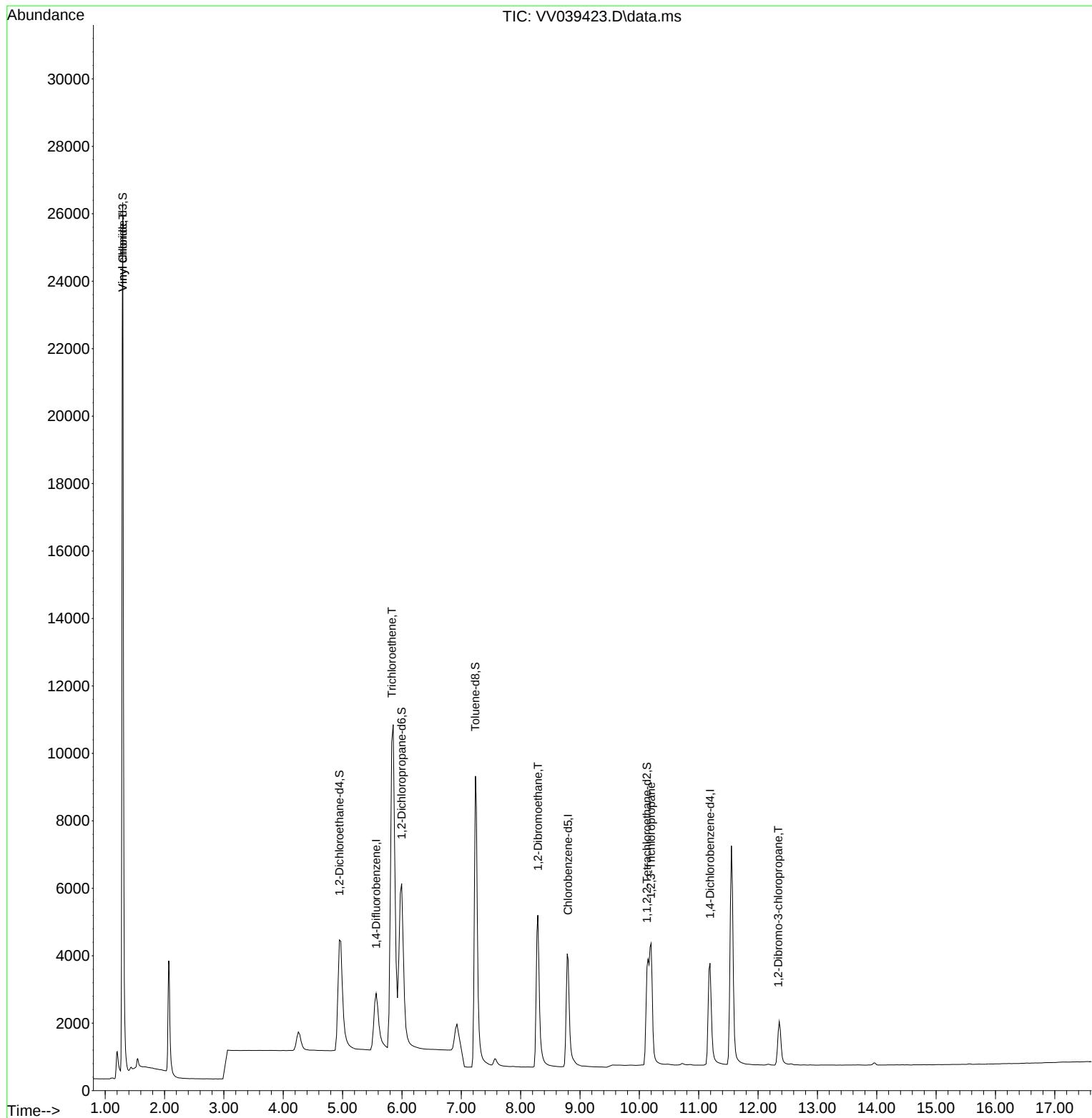
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7397	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	7371	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	3740	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	15025	2.142	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.945	65	8314	2.024	ug/L	-0.02
7) 1,2-Dichloropropane-d6	5.995	67	9303	2.230	ug/L	0.00
8) Toluene-d8	7.238	98	18502	2.000	ug/L	-0.02
10) 1,1,2,2-Tetrachloroeth...	10.128	84	6523	2.192	ug/L	-0.02
Target Compounds						
						Qvalue
3) Vinyl chloride	1.294	62	19518	1.570	ug/L	92
6) Trichloroethene	5.828	95	13761	2.152	ug/L	89
9) 1,2-Dibromoethane	8.290	107	8549	2.194	ug/L #	96
12) 1,2,3-Trichloropropane	10.197	75	7255	1.947	ug/L	98
13) 1,2-Dibromo-3-chloropr...	12.339	75	1492	1.743	ug/L #	84

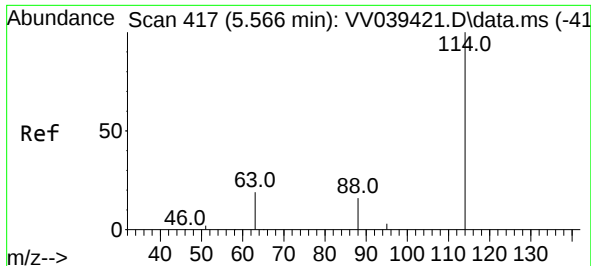
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112525\
Data File : VV039423.D
Acq On : 25 Nov 2025 11:47
Operator : SY/MD
Sample : VSTD002
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD002259

Quant Time: Nov 26 03:50:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM112525.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 26 03:49:02 2025
Response via : Initial Calibration

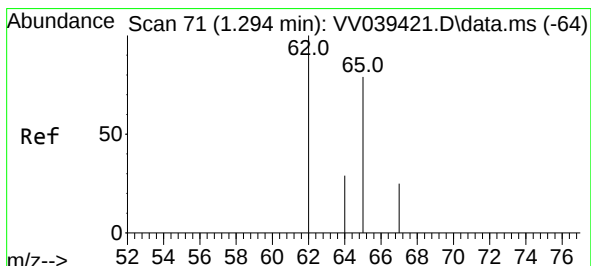
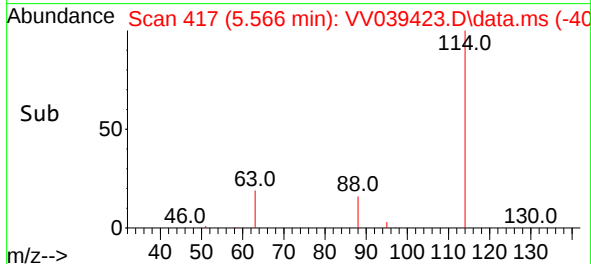
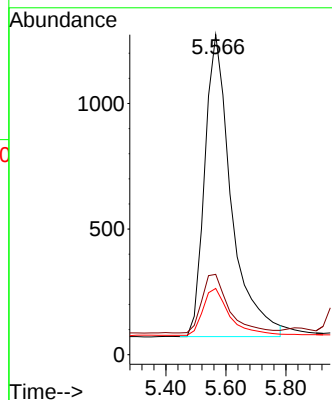
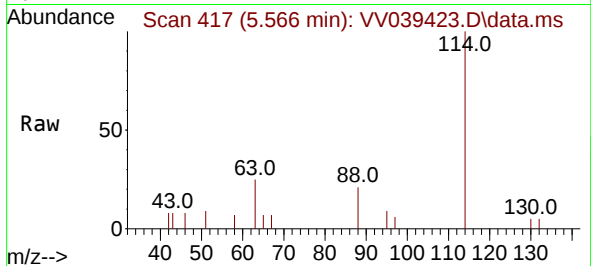




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV039423.D
Acq: 25 Nov 2025 11:47

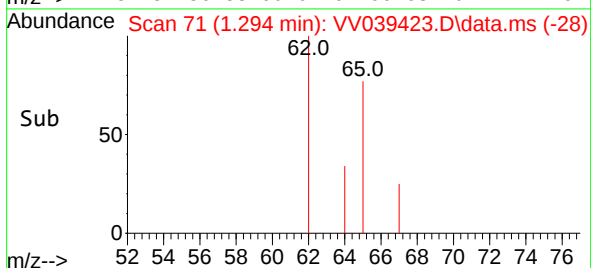
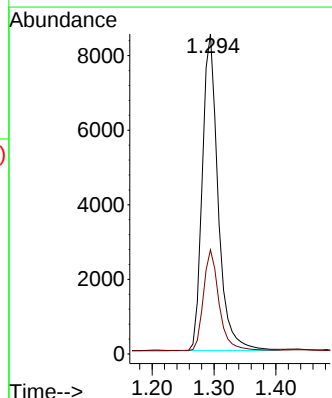
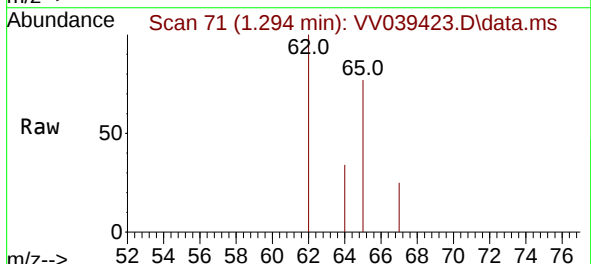
Instrument :
MSVOA_V
ClientSampleId :
VSTD002259

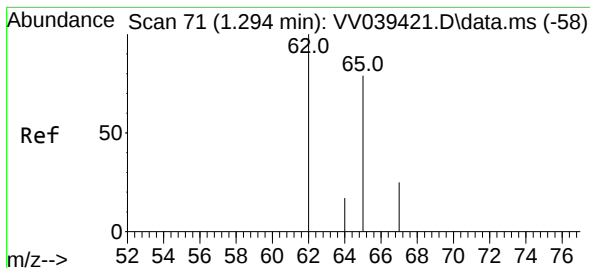
Tgt Ion:	114	Resp:	7397
Ion	Ratio	Lower	Upper
114	100		
63	19.5	15.8	23.6
88	15.5	12.4	18.6



#2
Vinyl Chloride-d3
Concen: 2.142 ug/L
RT: 1.294 min Scan# 71
Delta R.T. -0.000 min
Lab File: VV039423.D
Acq: 25 Nov 2025 11:47

Tgt Ion:	65	Resp:	15025
Ion	Ratio	Lower	Upper
65	100		
67	31.8	23.0	42.8





#3

Vinyl chloride

Concen: 1.570 ug/L

RT: 1.294 min Scan# 71

Delta R.T. -0.000 min

Lab File: VV039423.D

Acq: 25 Nov 2025 11:47

Instrument :

MSVOA_V

ClientSampleId :

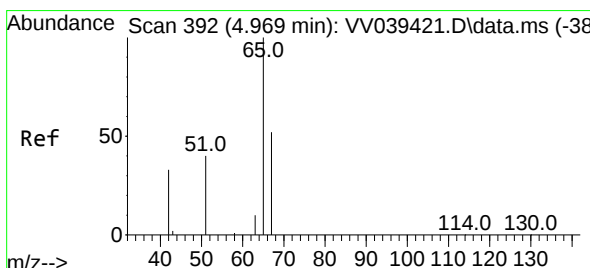
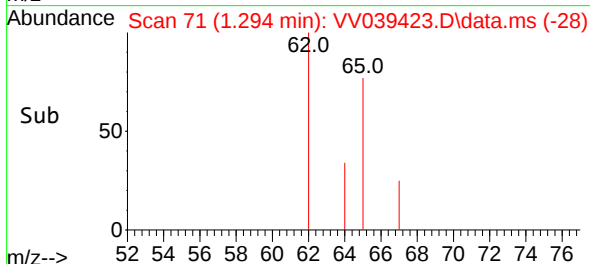
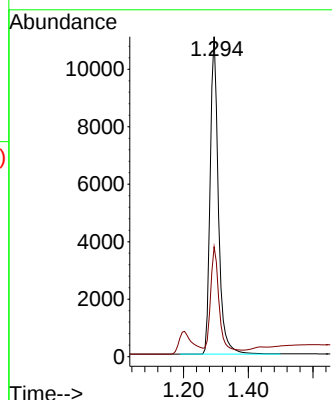
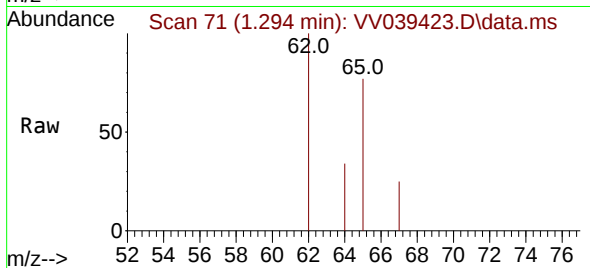
VSTD002259

Tgt Ion: 62 Resp: 19518

Ion Ratio Lower Upper

62 100

64 34.3 27.6 51.4



#4

1,2-Dichloroethane-d4

Concen: 2.024 ug/L

RT: 4.945 min Scan# 391

Delta R.T. -0.024 min

Lab File: VV039423.D

Acq: 25 Nov 2025 11:47

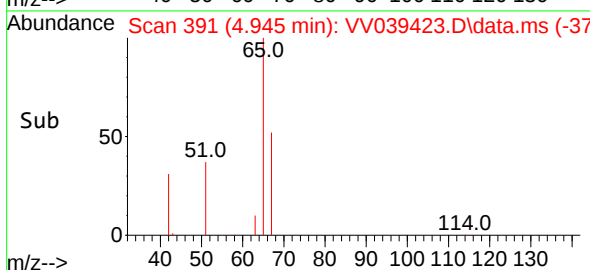
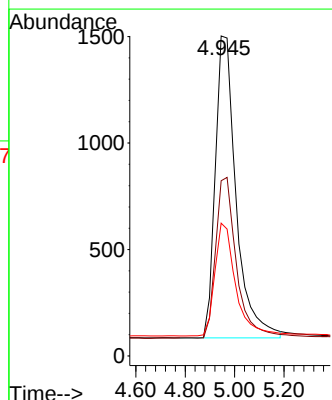
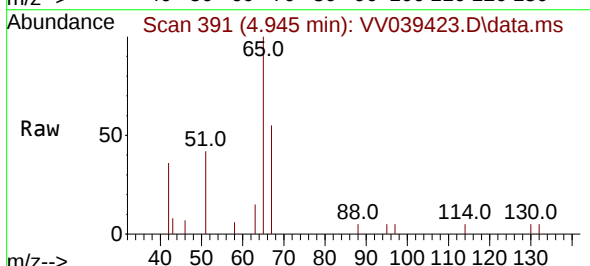
Tgt Ion: 65 Resp: 8314

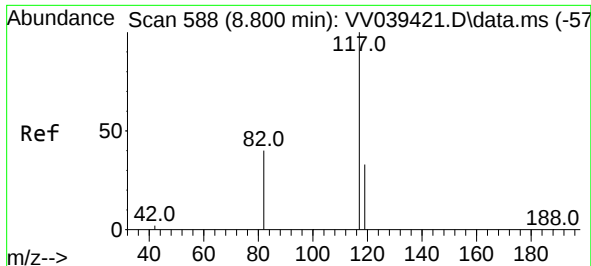
Ion Ratio Lower Upper

65 100

67 53.0 37.0 68.8

51 37.2 27.8 51.6

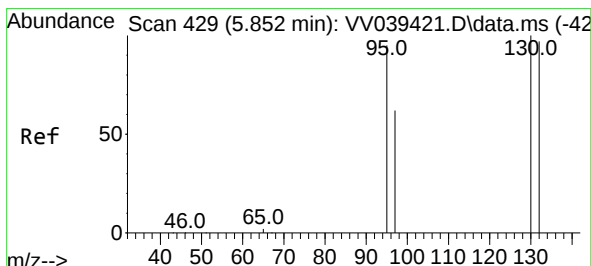
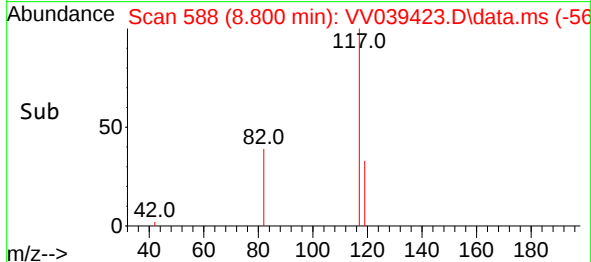
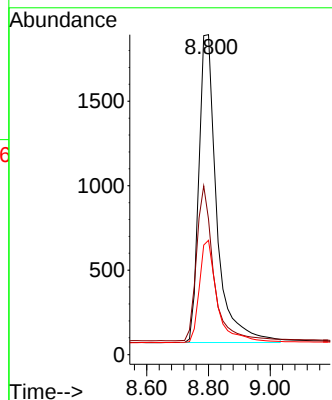
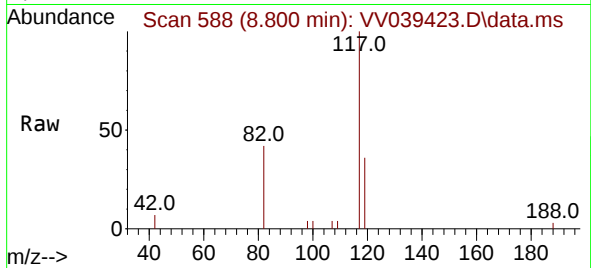




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV039423.D
Acq: 25 Nov 2025 11:47

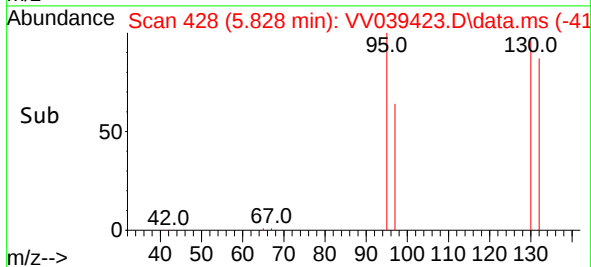
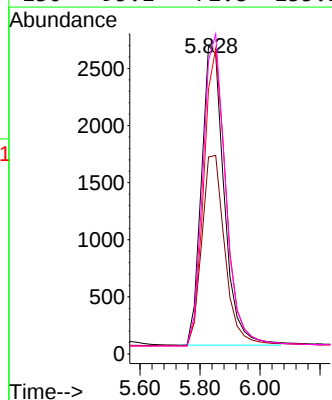
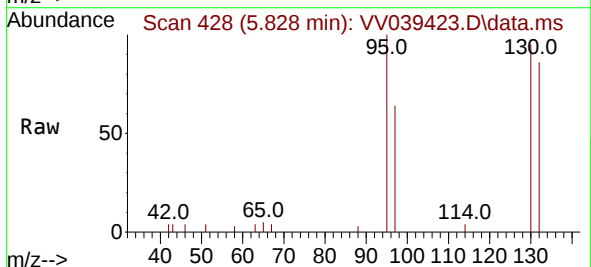
Instrument :
MSVOA_V
ClientSampleId :
VSTD002259

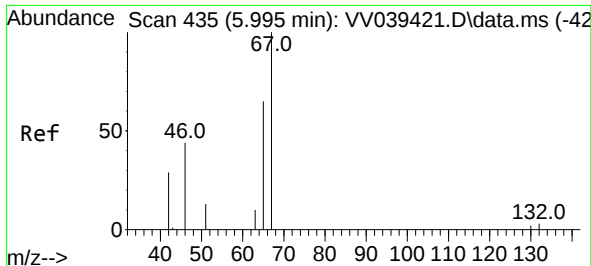
Tgt Ion:	117	Resp:	7371
Ion	Ratio	Lower	Upper
117	100		
82	48.1	38.2	57.4
119	33.2	25.7	38.5



#6
Trichloroethene
Concen: 2.152 ug/L
RT: 5.828 min Scan# 428
Delta R.T. -0.024 min
Lab File: VV039423.D
Acq: 25 Nov 2025 11:47

Tgt Ion:	95	Resp:	13761
Ion	Ratio	Lower	Upper
95	100		
97	63.9	48.5	90.1
132	85.8	70.8	131.6
130	95.1	72.8	135.2



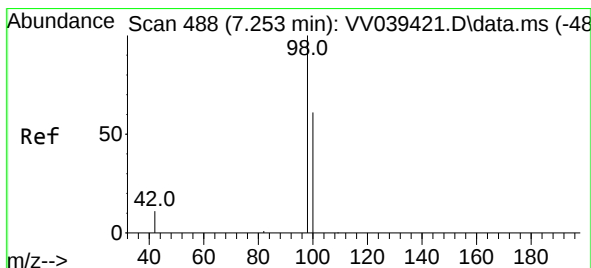
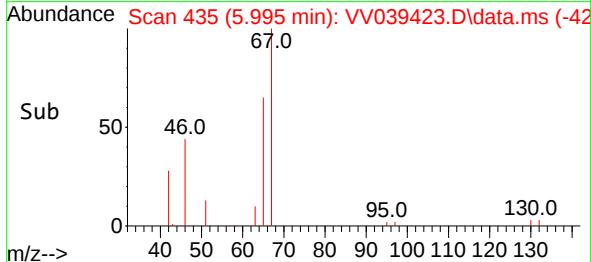
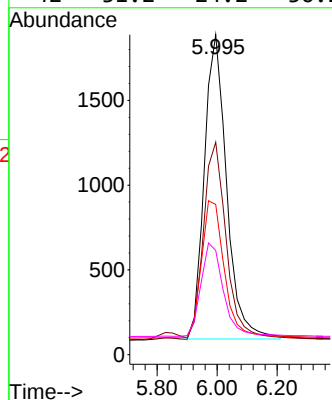
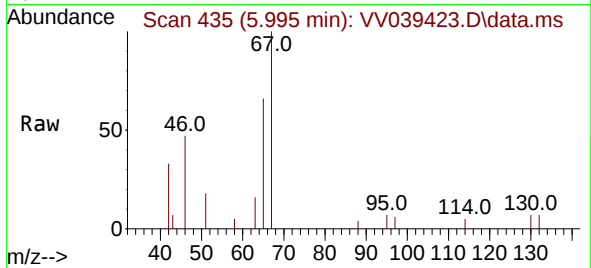


#7
1,2-Dichloropropane-d6
Concen: 2.230 ug/L
RT: 5.995 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039423.D
Acq: 25 Nov 2025 11:47

Instrument :
MSVOA_V
ClientSampleId :
VSTD002259

Tgt Ion: 67 Resp: 9303

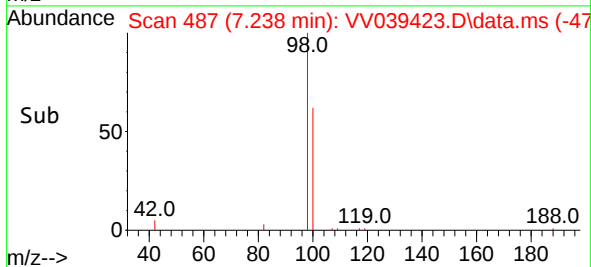
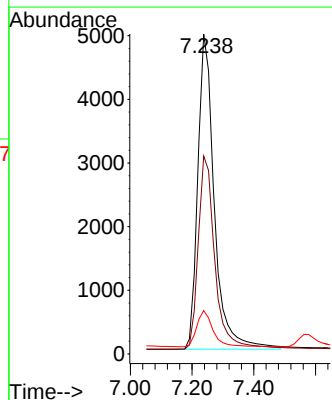
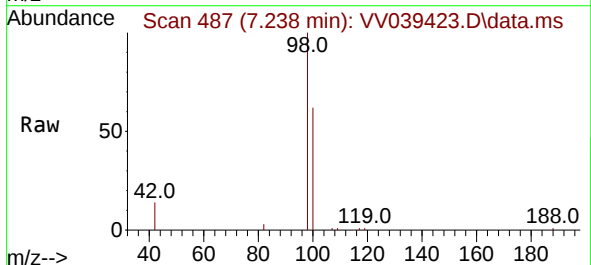
Ion	Ratio	Lower	Upper
67	100		
65	64.7	49.8	74.8
46	46.3	35.8	53.6
42	31.2	24.2	36.2

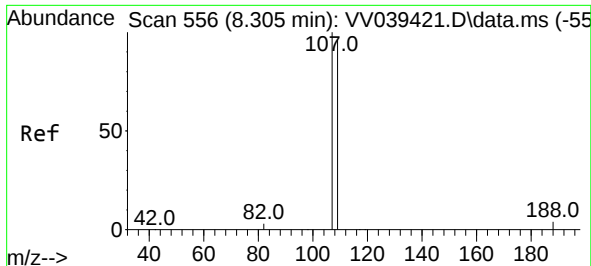


#8
Toluene-d8
Concen: 2.000 ug/L
RT: 7.238 min Scan# 487
Delta R.T. -0.015 min
Lab File: VV039423.D
Acq: 25 Nov 2025 11:47

Tgt Ion: 98 Resp: 18502

Ion	Ratio	Lower	Upper
98	100		
100	61.7	43.1	80.1
42	11.2	7.8	14.4

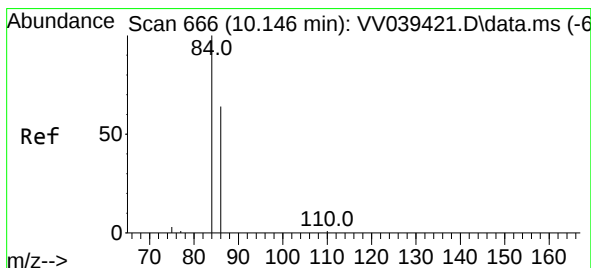
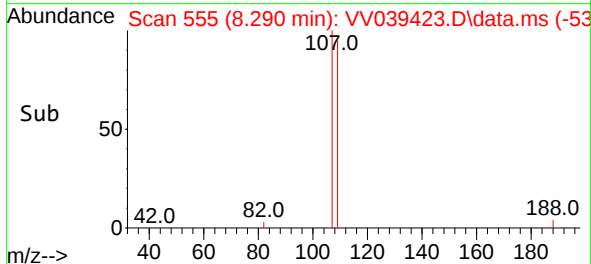
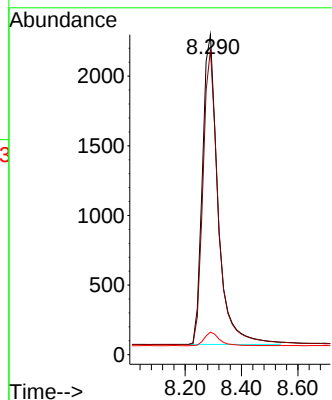
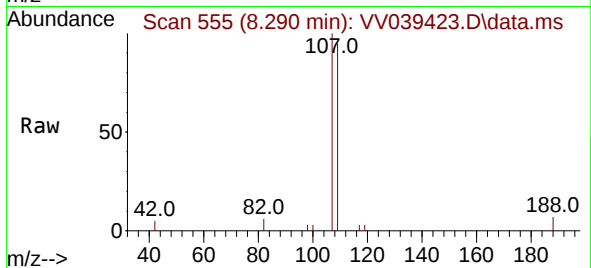




#9
 1,2-Dibromoethane
 Concen: 2.194 ug/L
 RT: 8.290 min Scan# 51
 Delta R.T. -0.015 min
 Lab File: VV039423.D
 Acq: 25 Nov 2025 11:47

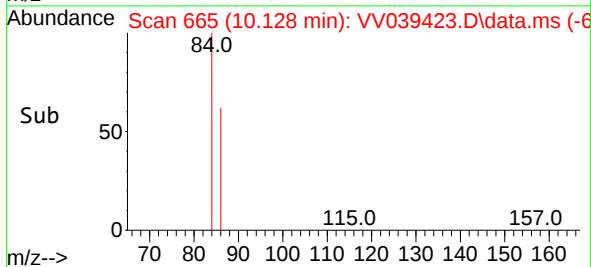
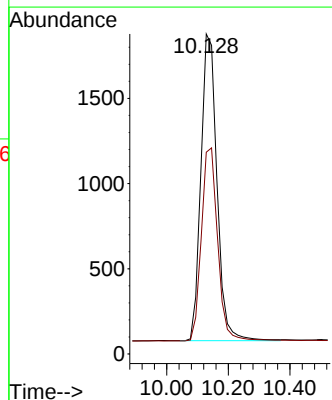
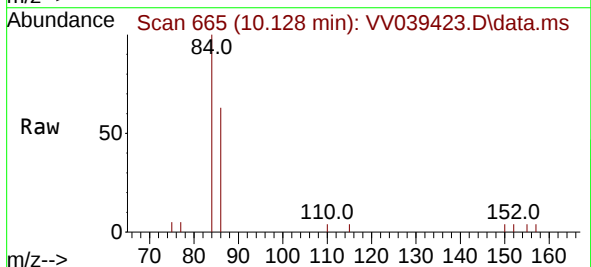
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD002259

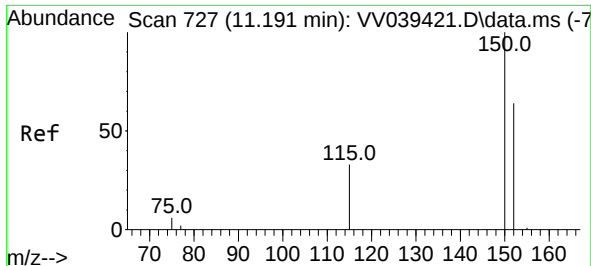
Tgt Ion:107 Resp: 8549
 Ion Ratio Lower Upper
 107 100
 109 95.3 67.8 125.8
 188 7.0 12.8 19.2#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 2.192 ug/L
 RT: 10.128 min Scan# 665
 Delta R.T. -0.017 min
 Lab File: VV039423.D
 Acq: 25 Nov 2025 11:47

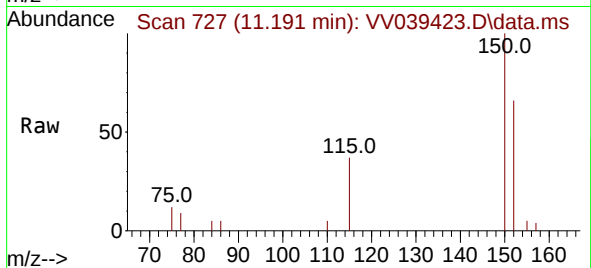
Tgt Ion: 84 Resp: 6523
 Ion Ratio Lower Upper
 84 100
 86 64.0 45.4 84.4



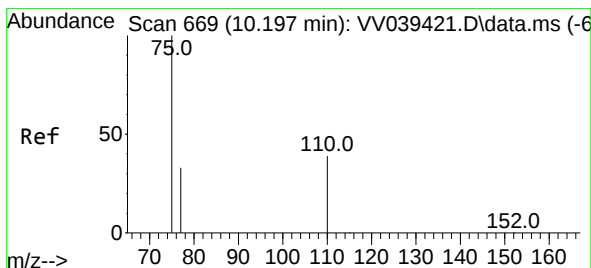
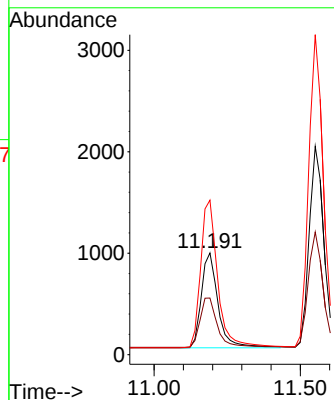
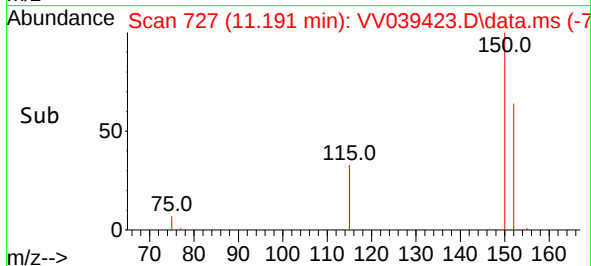


#11
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.191 min Scan# 727
Delta R.T. -0.000 min
Lab File: VV039423.D
Acq: 25 Nov 2025 11:47

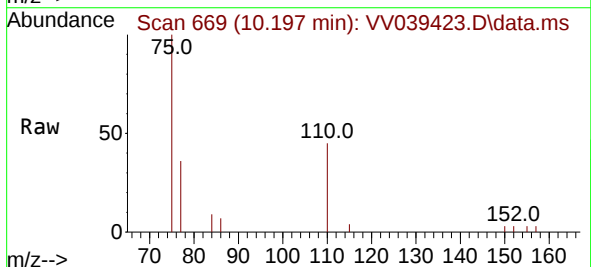
Instrument :
MSVOA_V
ClientSampleId :
VSTD002259



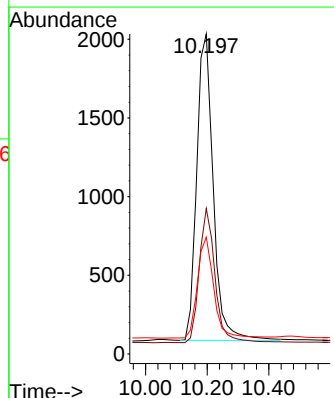
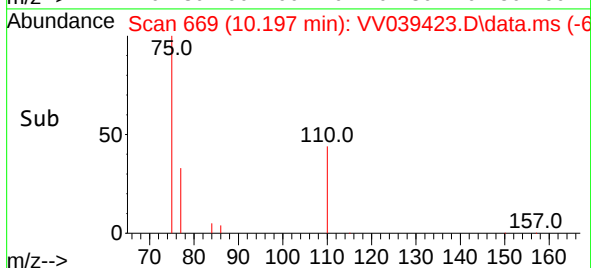
Tgt Ion:152 Resp: 3740
Ion Ratio Lower Upper
152 100
115 53.7 0.0 105.4
150 158.7 0.0 315.4

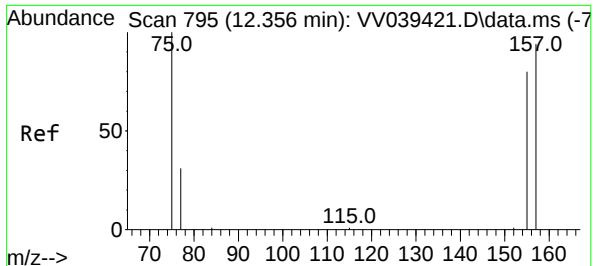


#12
1,2,3-Trichloropropane
Concen: 1.947 ug/L
RT: 10.197 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV039423.D
Acq: 25 Nov 2025 11:47



Tgt Ion: 75 Resp: 7255
Ion Ratio Lower Upper
75 100
110 41.8 33.6 50.4
77 32.5 28.3 42.5





#13

1,2-Dibromo-3-chloropropane

Concen: 1.743 ug/L

RT: 12.339 min Scan# 795

Delta R.T. -0.017 min

Lab File: VV039423.D

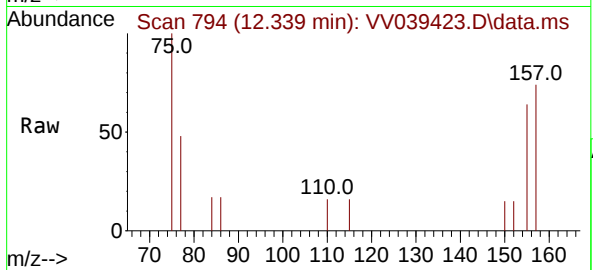
Acq: 25 Nov 2025 11:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD002259



Tgt Ion: 75 Resp: 1492

Ion Ratio Lower Upper

75 100

157 73.8 69.3 103.9

155 64.2 64.4 96.6#

