

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV121025\
 Data File : VV039521.D
 Acq On : 10 Dec 2025 11:02
 Operator : SY/MD
 Sample : Q3788-10
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 00:05:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 09 08:40:48 2025
 Response via : Initial Calibration

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

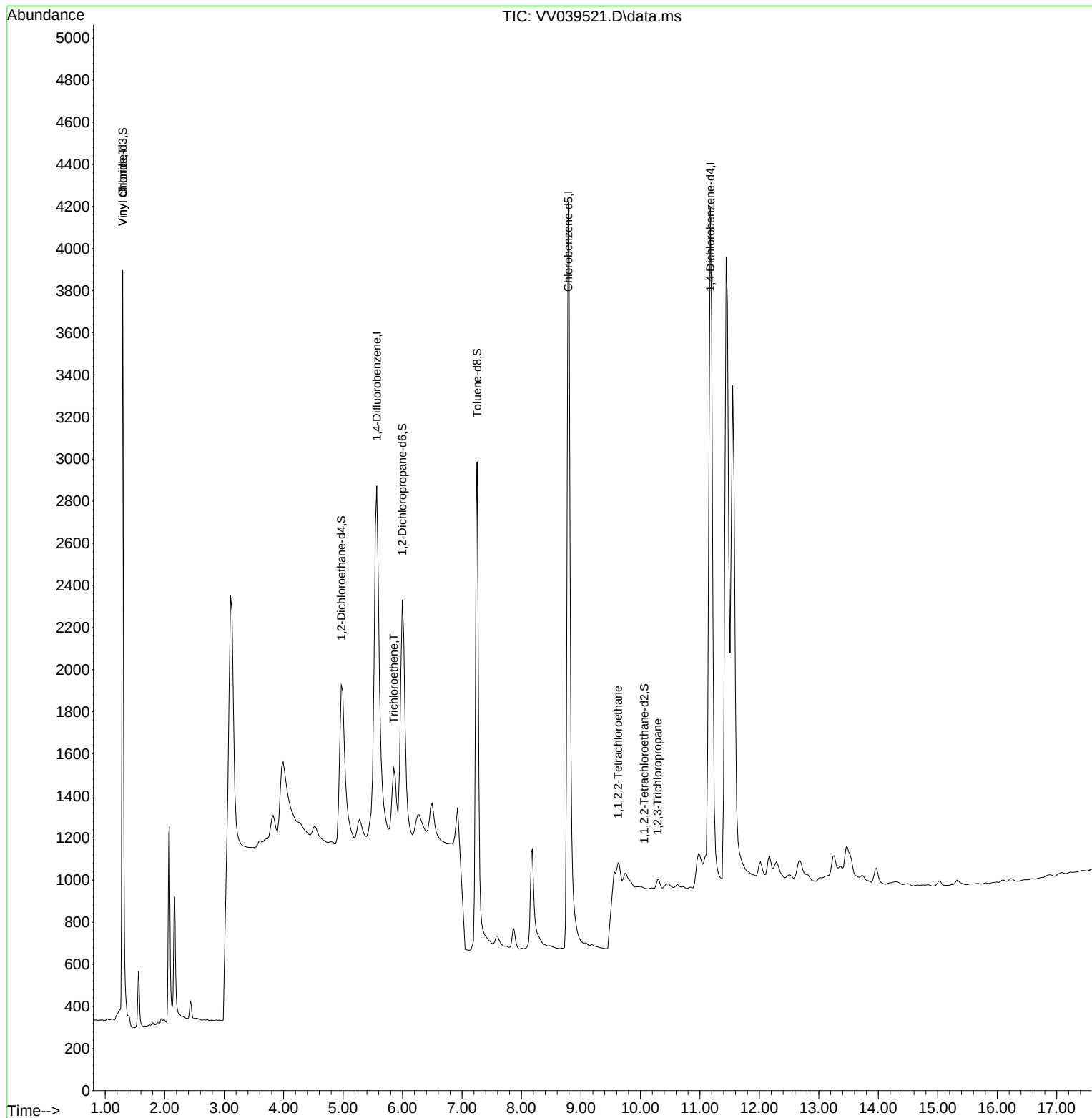
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7171	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7534	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	4229	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3982	0.566	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	4.970	65	2043	0.428	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
7) 1,2-Dichloropropane-d6	5.996	67	2454	0.386	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	78.000%
8) Toluene-d8	7.254	98	4760	0.444	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.000%
10) 1,1,2,2-Tetrachloroeth...	10.066	84	7	0.002	ug/L	-0.07
Spiked Amount	0.500	Range	65 - 120	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	993	0.064	ug/L #	76
6) Trichloroethene	5.852	95	428	0.047	ug/L	91
11) 1,1,2,2-Tetrachloroethane	9.623	83	1147	0.152	ug/L #	1
13) 1,2,3-Trichloropropane	10.288	75	94	0.022	ug/L #	84

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

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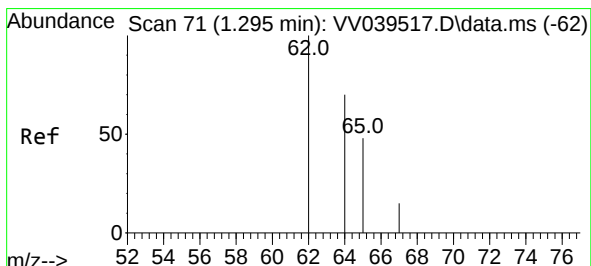
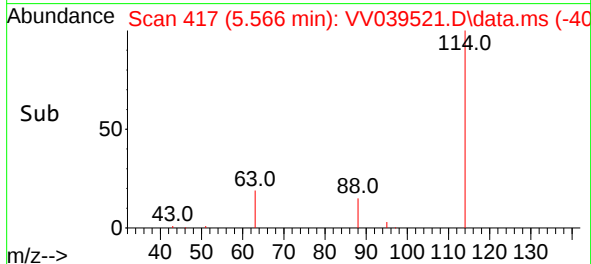
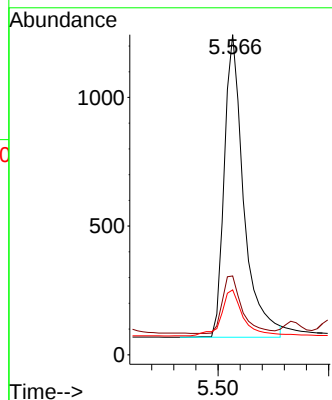
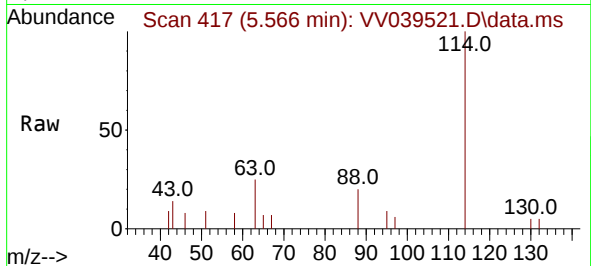




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039521.D
Acq: 10 Dec 2025 11:02

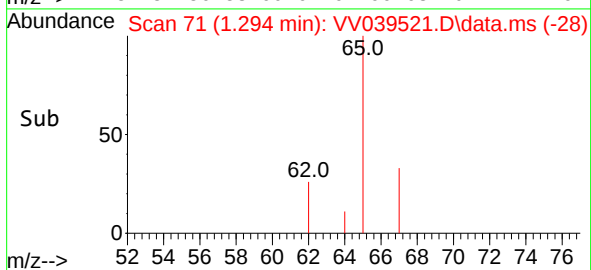
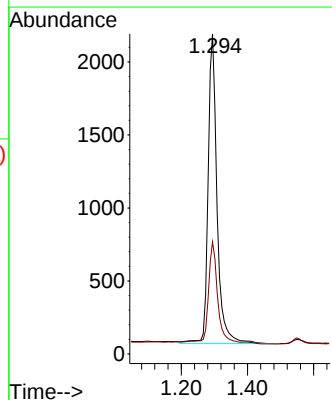
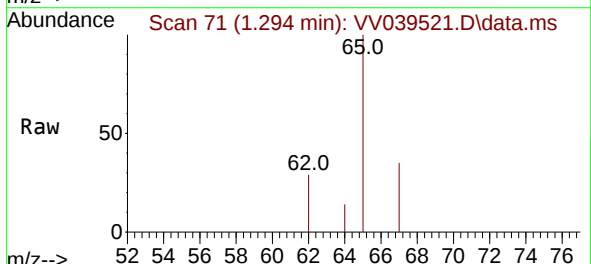
Instrument :
MSVOA_V
ClientSampleId :

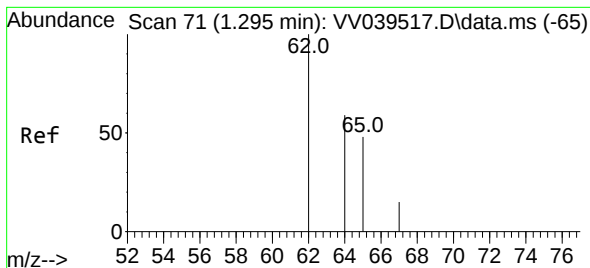
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	15.0	22.4
88	16.4	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.566 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039521.D
Acq: 10 Dec 2025 11:02

Tgt Ion	Ratio	Lower	Upper
65	100		
67	31.8	22.3	41.5





#3

Vinyl chloride

Concen: 0.064 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039521.D

Acq: 10 Dec 2025 11:02

Instrument :

MSVOA_V

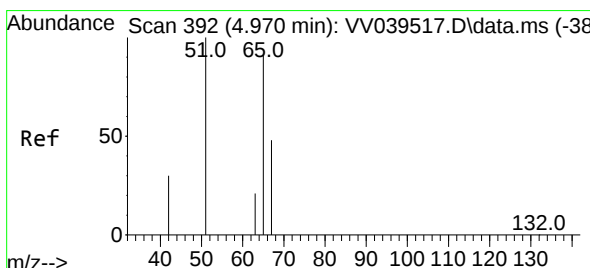
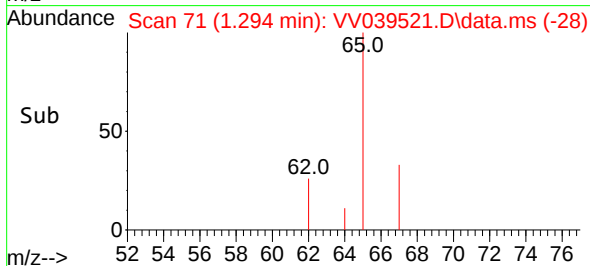
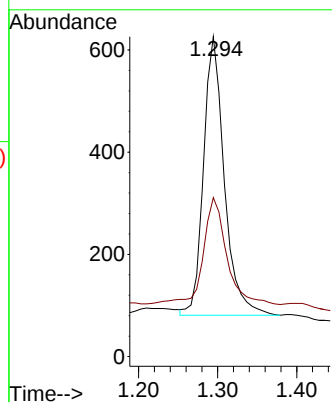
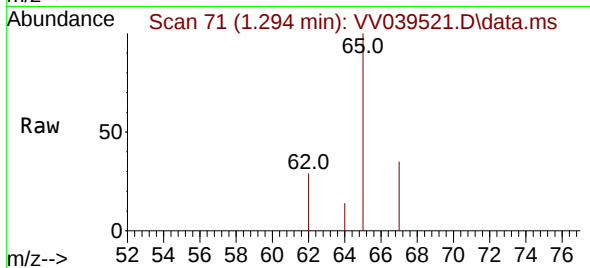
ClientSampleId :

Tgt Ion: 62 Resp: 993

Ion Ratio Lower Upper

62 100

64 49.7 24.8 46.0#



#4

1,2-Dichloroethane-d4

Concen: 0.428 ug/L

RT: 4.970 min Scan# 392

Delta R.T. 0.001 min

Lab File: VV039521.D

Acq: 10 Dec 2025 11:02

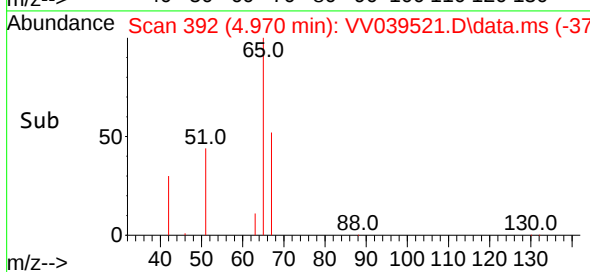
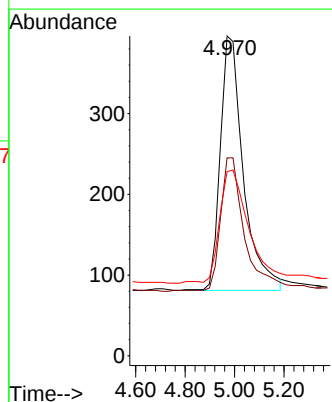
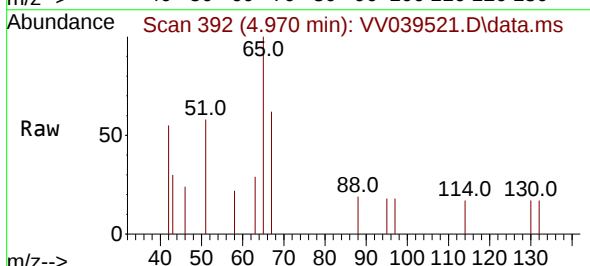
Tgt Ion: 65 Resp: 2043

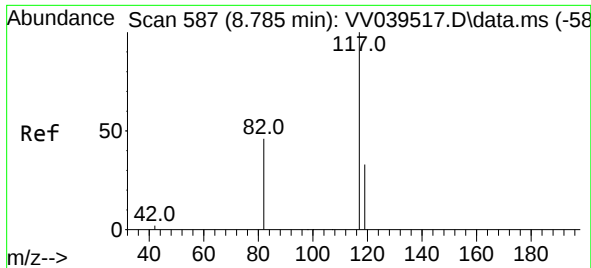
Ion Ratio Lower Upper

65 100

67 53.1 32.5 60.3

51 56.0 121.4 225.6#

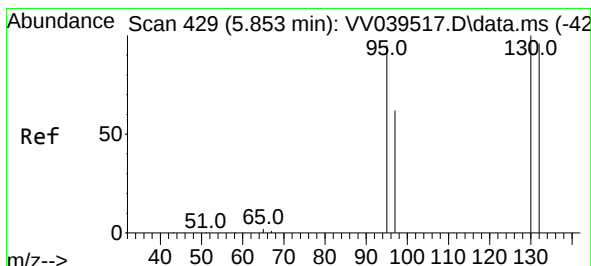
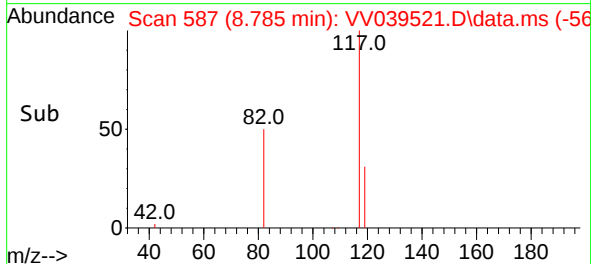
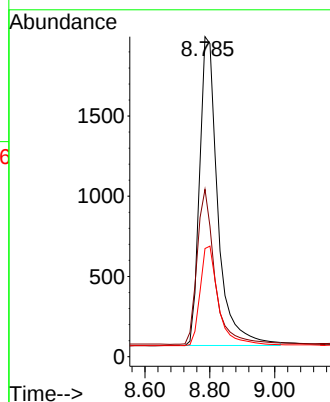
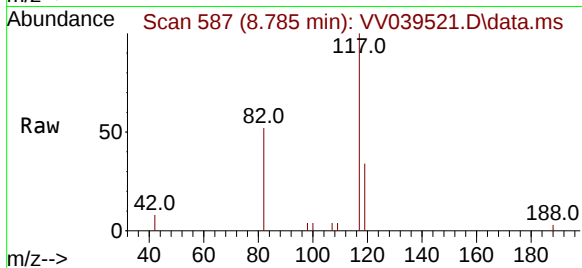




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV039521.D
Acq: 10 Dec 2025 11:02

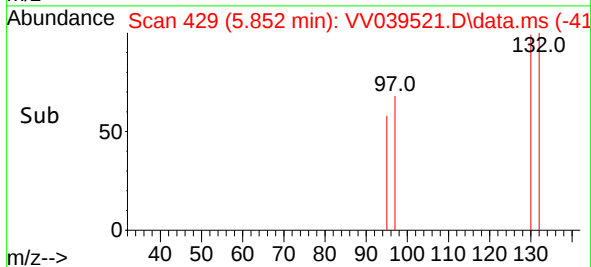
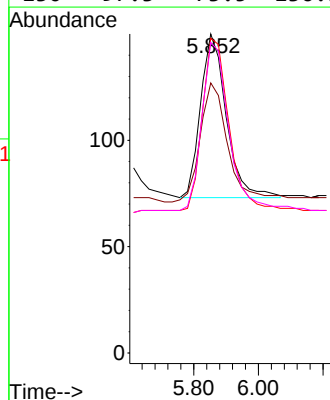
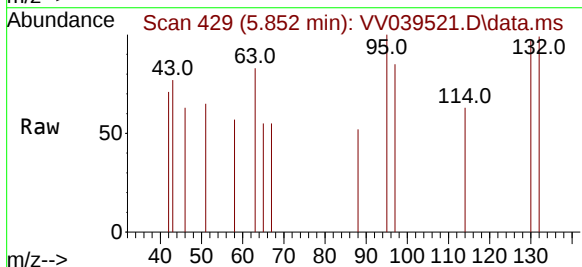
Instrument :
MSVOA_V
ClientSampleId :

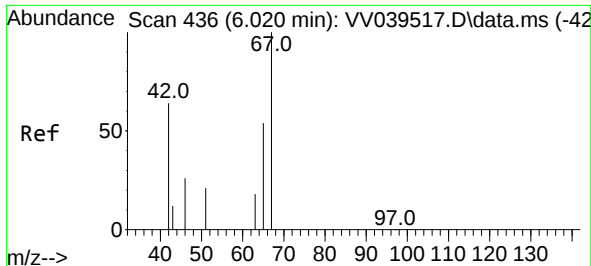
Tgt Ion:	117	Resp:	7534
Ion	Ratio	Lower	Upper
117	100		
82	48.8	39.4	59.2
119	32.6	26.2	39.2



#6
Trichloroethene
Concen: 0.047 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039521.D
Acq: 10 Dec 2025 11:02

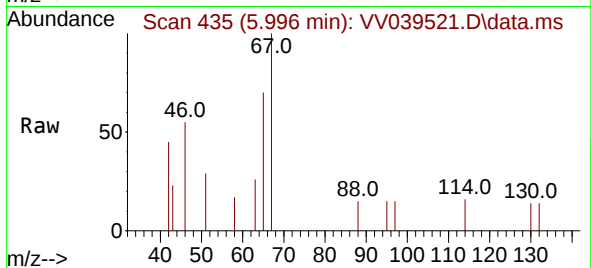
Tgt Ion:	95	Resp:	428
Ion	Ratio	Lower	Upper
95	100		
97	84.7	47.7	88.7
132	98.7	70.8	131.4
130	97.3	73.5	136.5



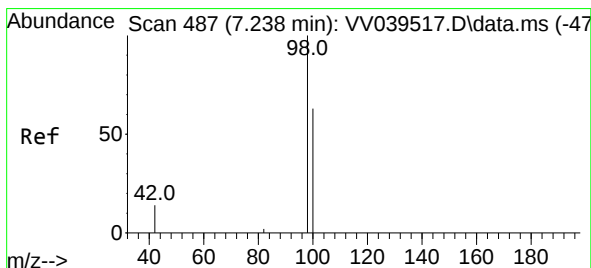
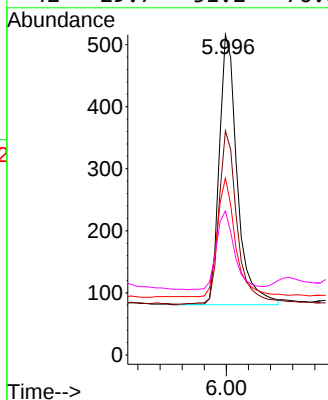
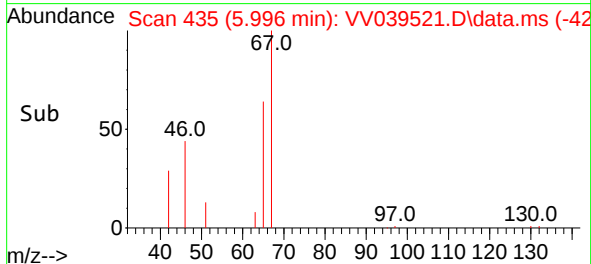


#7
1,2-Dichloropropane-d6
Concen: 0.386 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039521.D
Acq: 10 Dec 2025 11:02

Instrument :
MSVOA_V
ClientSampleId :

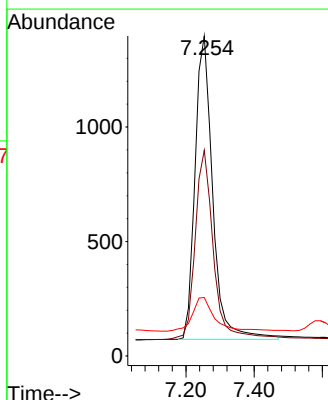
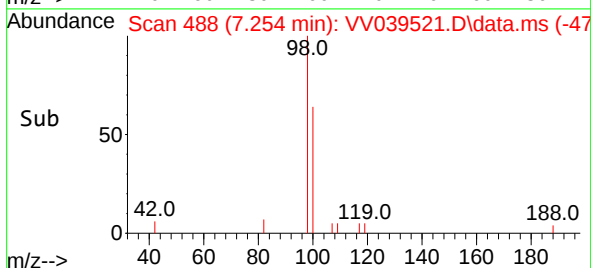
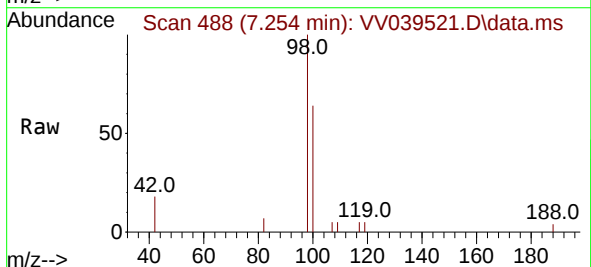


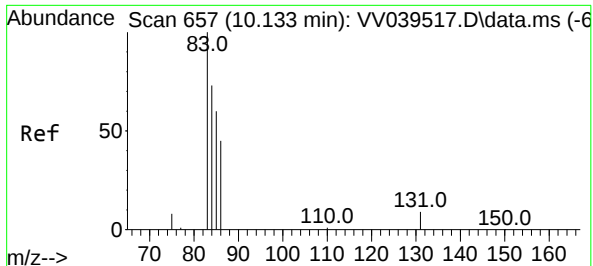
Tgt Ion:	67	Resp:	2454
Ion	Ratio	Lower	Upper
67	100		
65	64.7	37.9	56.9#
46	44.0	27.4	41.0#
42	29.7	51.2	76.8#



#8
Toluene-d8
Concen: 0.444 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039521.D
Acq: 10 Dec 2025 11:02

Tgt Ion:	98	Resp:	4760
Ion	Ratio	Lower	Upper
98	100		
100	64.0	44.5	82.7
42	14.1	10.1	18.7

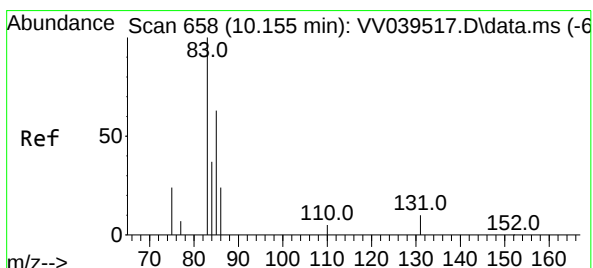
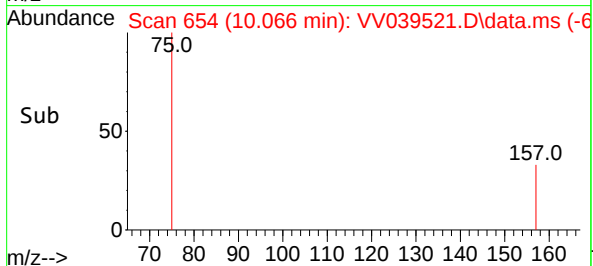
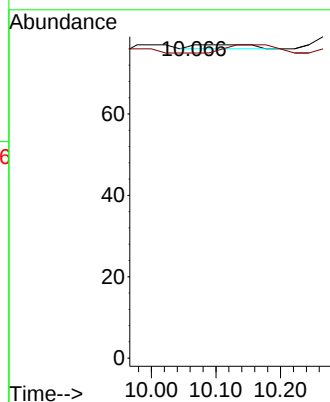
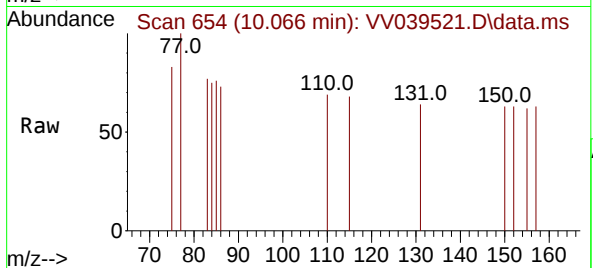




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.002 ug/L
RT: 10.066 min Scan# 610
Delta R.T. -0.067 min
Lab File: VV039521.D
Acq: 10 Dec 2025 11:02

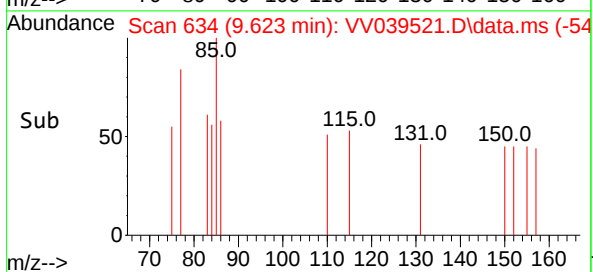
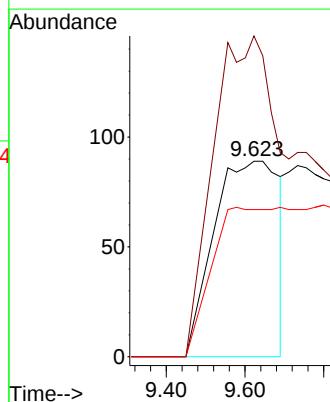
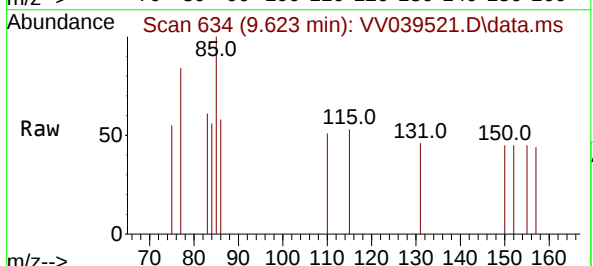
Instrument :
MSVOA_V
ClientSampleId :

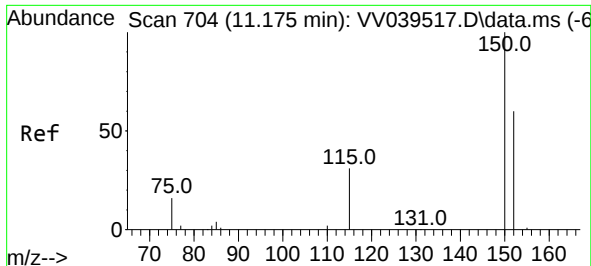
Tgt Ion: 84 Resp: 7
Ion Ratio Lower Upper
84 100
86 157.1 44.4 82.5#



#11
1,1,2,2-Tetrachloroethane
Concen: 0.152 ug/L
RT: 9.623 min Scan# 634
Delta R.T. -0.532 min
Lab File: VV039521.D
Acq: 10 Dec 2025 11:02

Tgt Ion: 83 Resp: 1147
Ion Ratio Lower Upper
83 100
85 159.4 51.0 76.6#
131 53.0 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: VV039521.D

Acq: 10 Dec 2025 11:02

Instrument :

MSVOA_V

ClientSampleId :

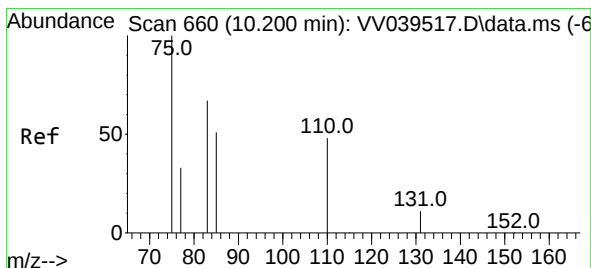
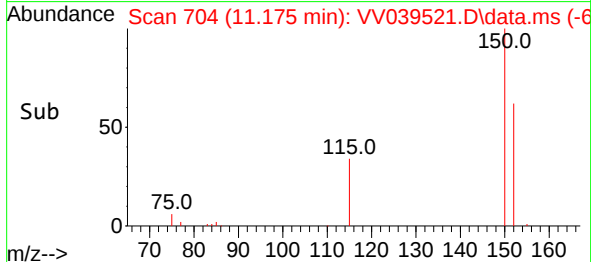
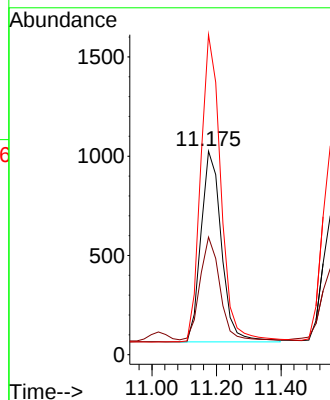
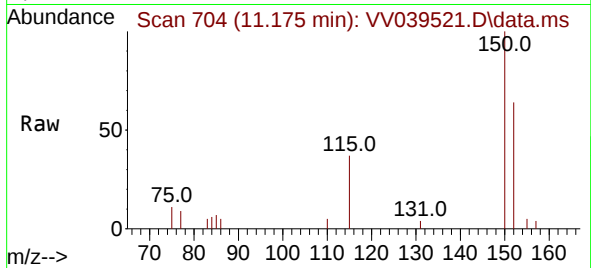
Tgt Ion:152 Resp: 4229

Ion Ratio Lower Upper

152 100

115 52.4 0.0 101.6

150 159.0 0.0 396.2



#13

1,2,3-Trichloropropane

Concen: 0.022 ug/L

RT: 10.288 min Scan# 664

Delta R.T. 0.089 min

Lab File: VV039521.D

Acq: 10 Dec 2025 11:02

Tgt Ion: 75 Resp: 94

Ion Ratio Lower Upper

75 100

110 50.0 37.8 56.6

77 13.8 25.6 38.4#

