

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039471.D
 Acq On : 04 Dec 2025 16:56
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 05 00:26:58 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)

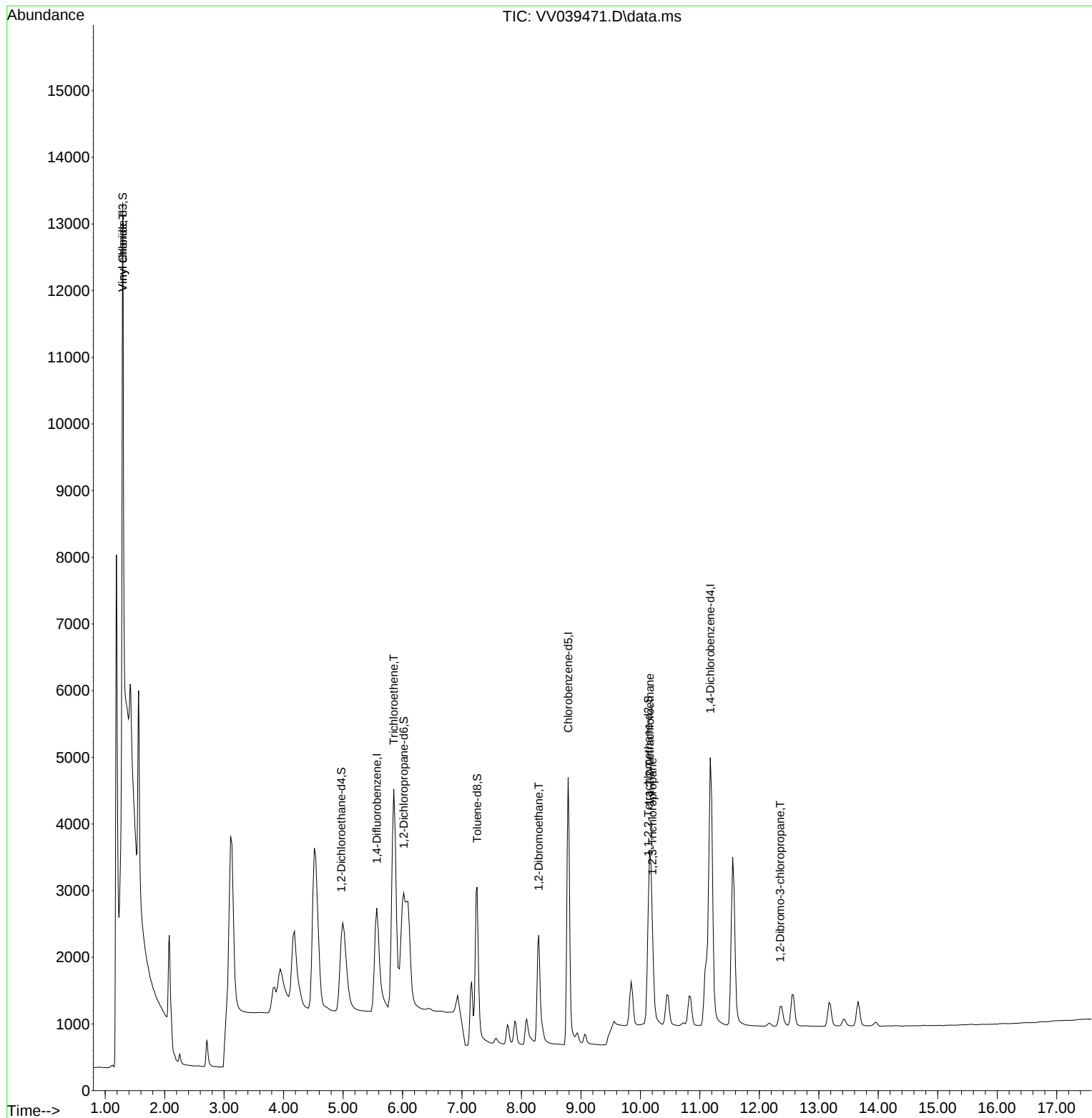
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6921	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7314	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.175	152	4168	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3966	0.570	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	4.970	65	2331	0.506	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.000%
7) 1,2-Dichloropropane-d6	6.020	67	3374	0.547	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	110.000%
8) Toluene-d8	7.254	98	5330	0.512	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1967	0.566	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	114.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.295	62	7682	0.513	ug/L	# 1
6) Trichloroethene	5.853	95	4720	0.521	ug/L	99
9) 1,2-Dibromoethane	8.290	107	3092	0.516	ug/L	100
11) 1,1,2,2-Tetrachloroethane	10.155	83	4141	0.564	ug/L	99
13) 1,2,3-Trichloropropane	10.200	75	2302	0.525	ug/L	97
14) 1,2-Dibromo-3-chloropr...	12.351	75	447	0.503	ug/L	99

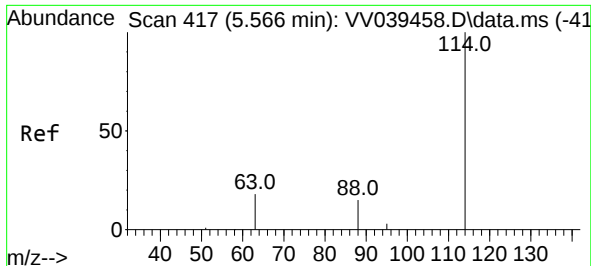
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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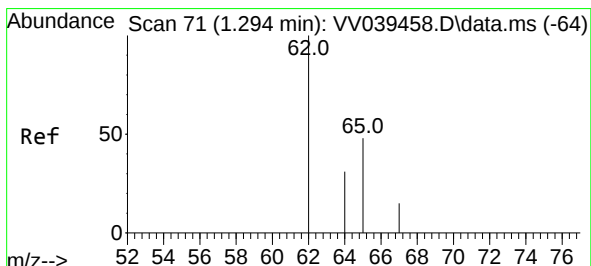
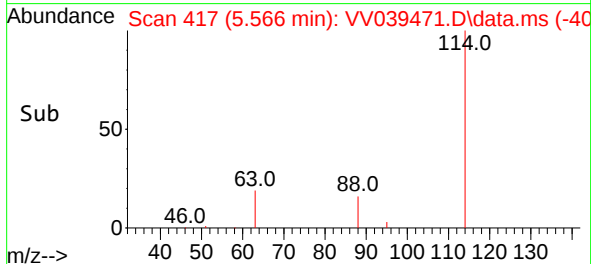
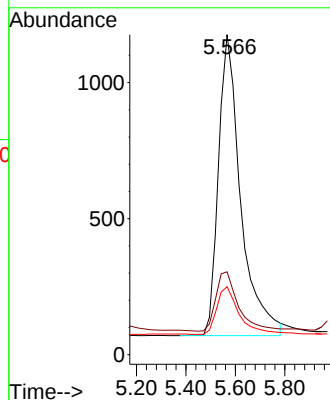
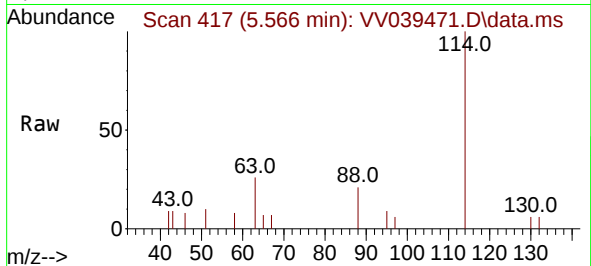




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VV039471.D
 Acq: 04 Dec 2025 16:56

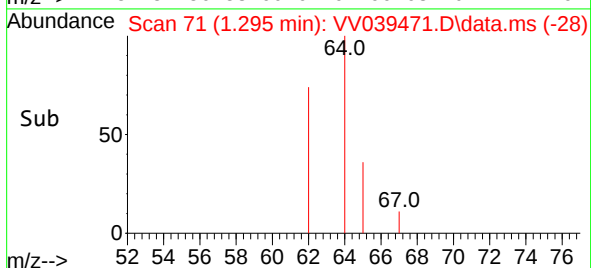
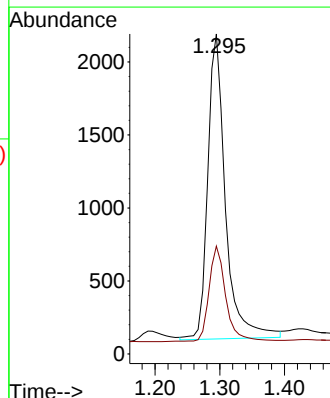
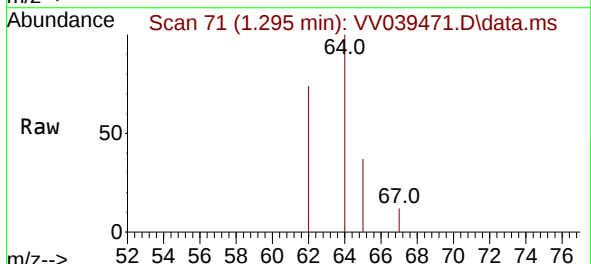
Instrument :
 MSVOA_V
 ClientSampleId :

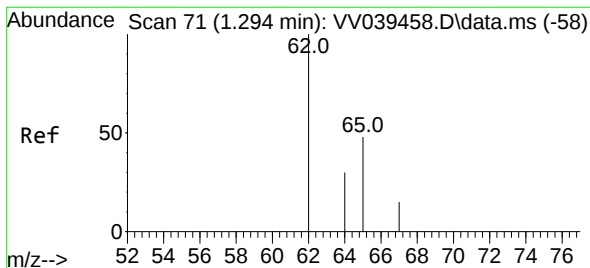
Tgt Ion:	114	Resp:	6921
Ion	Ratio	Lower	Upper
114	100		
63	19.9	15.0	22.4
88	15.7	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 0.570 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VV039471.D
 Acq: 04 Dec 2025 16:56

Tgt Ion:	65	Resp:	3966
Ion	Ratio	Lower	Upper
65	100		
67	30.1	22.3	41.5





#3

Vinyl chloride

Concen: 0.513 ug/L

RT: 1.295 min Scan# 71

Delta R.T. 0.001 min

Lab File: VV039471.D

Acq: 04 Dec 2025 16:56

Instrument :

MSVOA_V

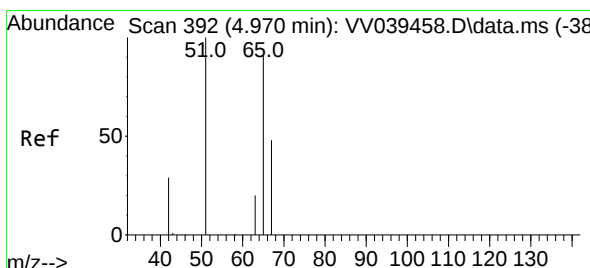
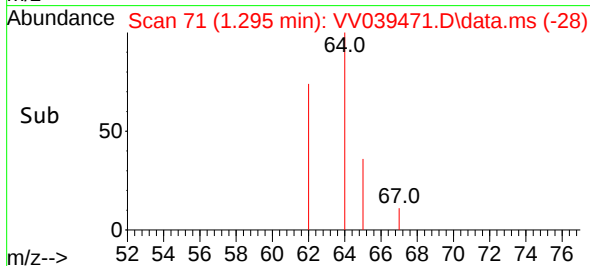
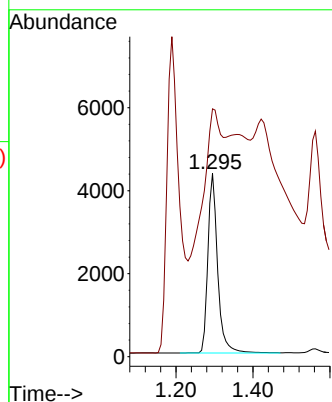
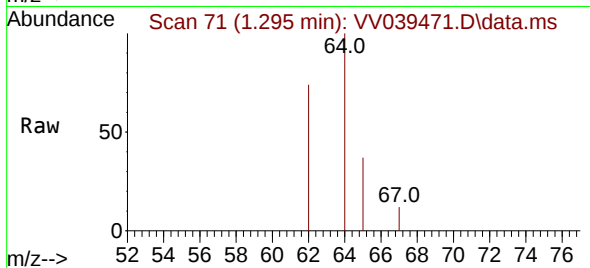
ClientSampleId :

Tgt Ion: 62 Resp: 7682

Ion Ratio Lower Upper

62 100

64 135.3 24.8 46.0#



#4

1,2-Dichloroethane-d4

Concen: 0.506 ug/L

RT: 4.970 min Scan# 392

Delta R.T. 0.001 min

Lab File: VV039471.D

Acq: 04 Dec 2025 16:56

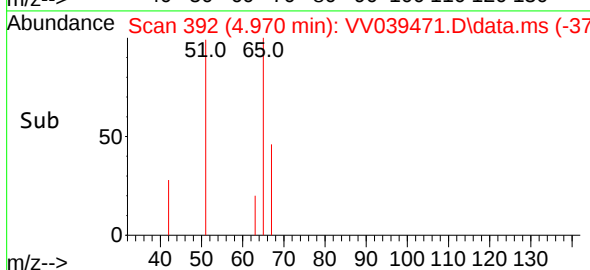
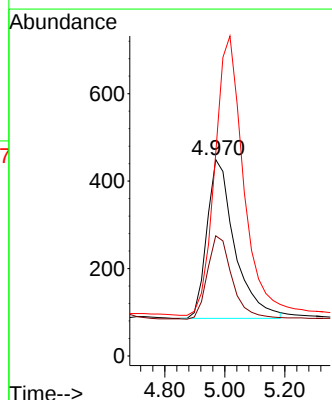
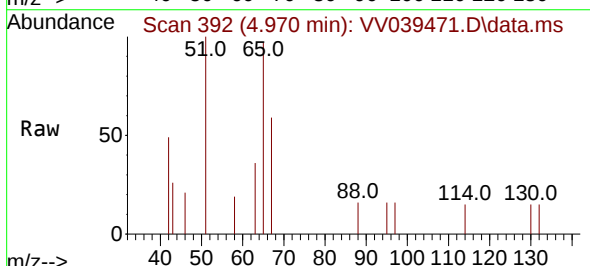
Tgt Ion: 65 Resp: 2331

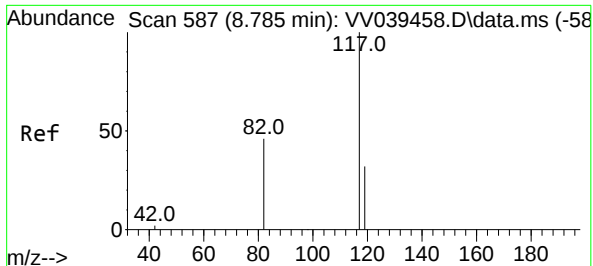
Ion Ratio Lower Upper

65 100

67 46.4 32.5 60.3

51 179.6 121.4 225.6

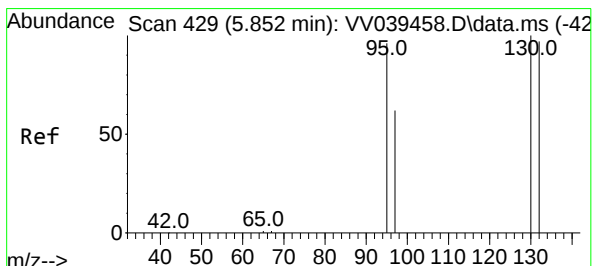
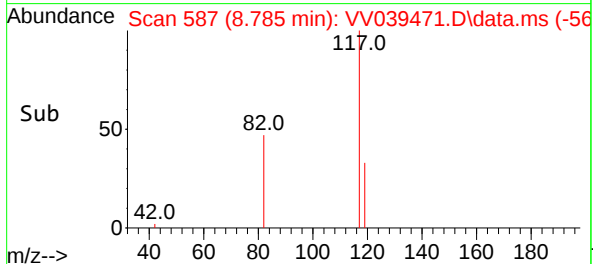
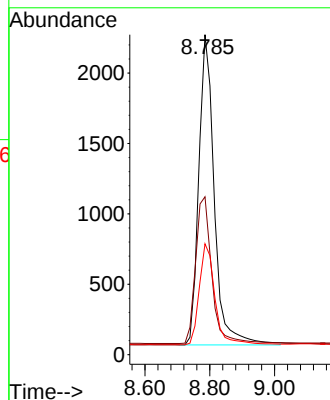
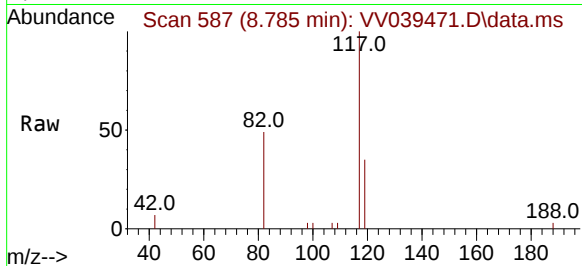




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. 0.000 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

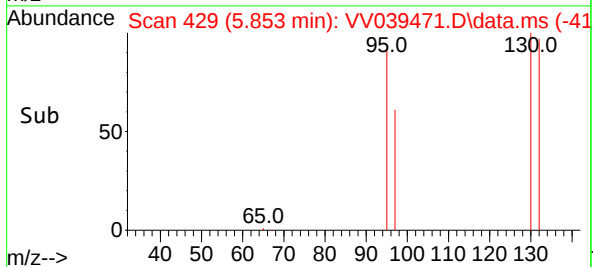
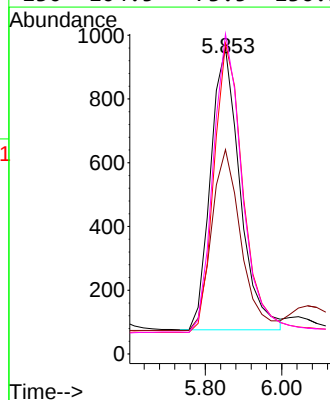
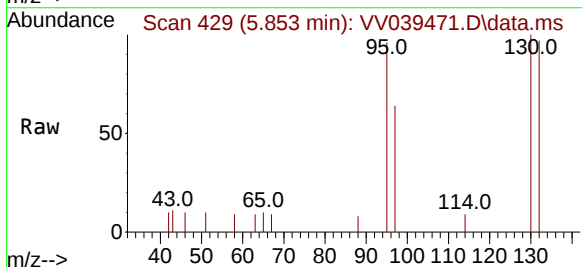
Instrument :
MSVOA_V
ClientSampleId :

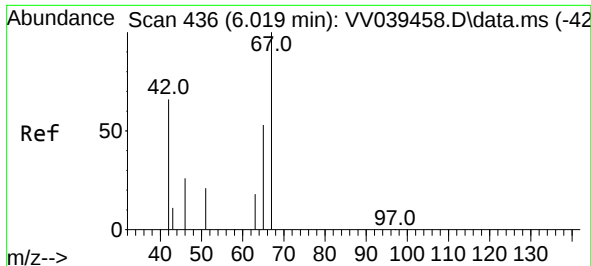
Tgt Ion:	117	Resp:	7314
Ion	Ratio	Lower	Upper
117	100		
82	49.3	39.4	59.2
119	32.9	26.2	39.2



#6
Trichloroethene
Concen: 0.521 ug/L
RT: 5.853 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

Tgt Ion:	95	Resp:	4720
Ion	Ratio	Lower	Upper
95	100		
97	66.7	47.7	88.7
132	101.5	70.8	131.4
130	104.5	73.5	136.5

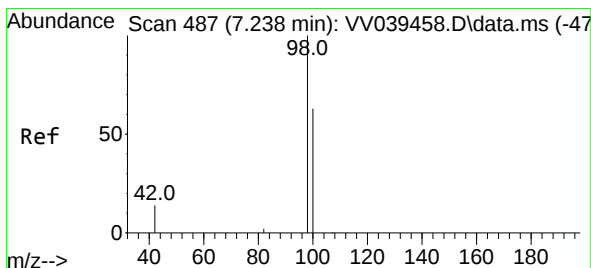
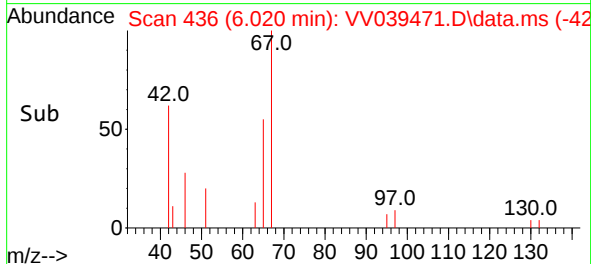
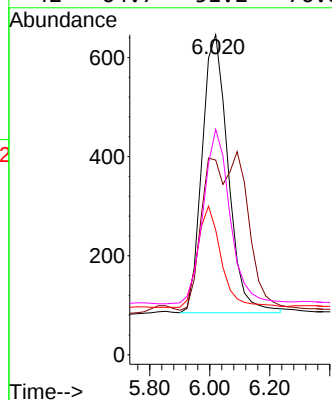
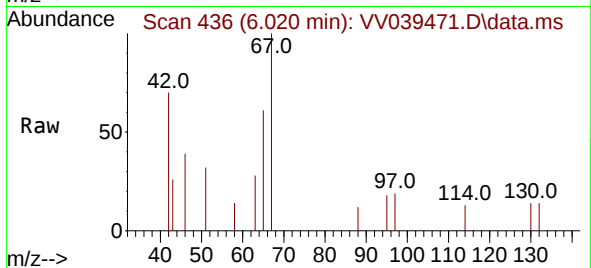




#7
1,2-Dichloropropane-d6
Concen: 0.547 ug/L
RT: 6.020 min Scan# 41
Delta R.T. 0.001 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

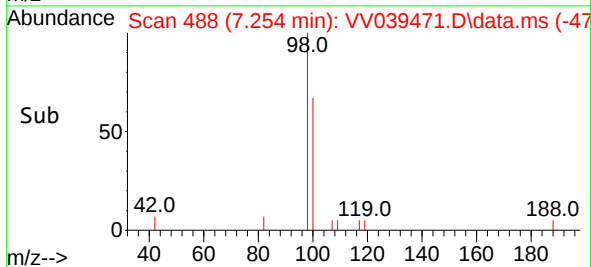
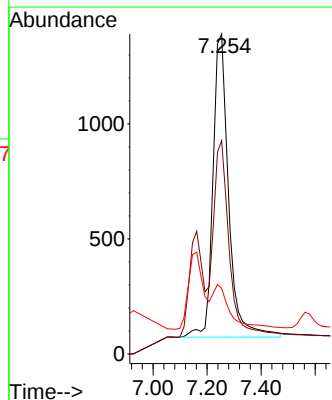
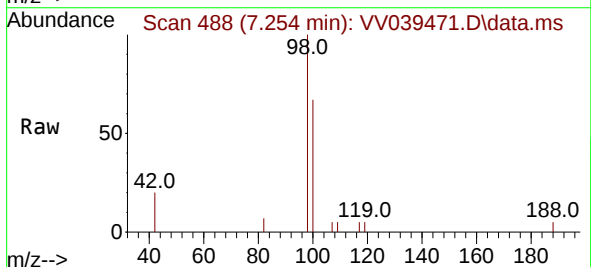
Instrument :
MSVOA_V
ClientSampleId :

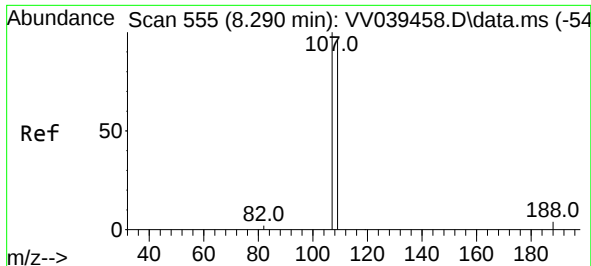
Tgt Ion:	67	Resp:	3374
Ion	Ratio	Lower	Upper
67	100		
65	47.8	37.9	56.9
46	33.0	27.4	41.0
42	64.7	51.2	76.8



#8
Toluene-d8
Concen: 0.512 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

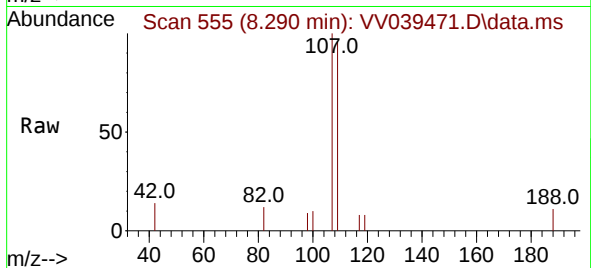
Tgt Ion:	98	Resp:	5330
Ion	Ratio	Lower	Upper
98	100		
100	63.7	44.5	82.7
42	15.2	10.1	18.7



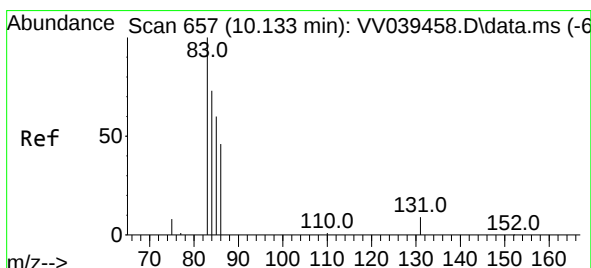
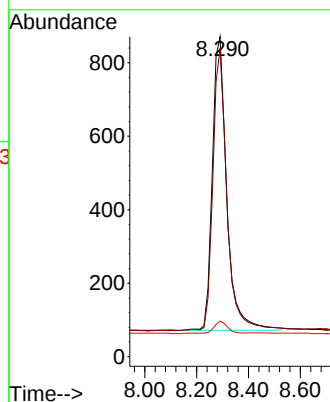
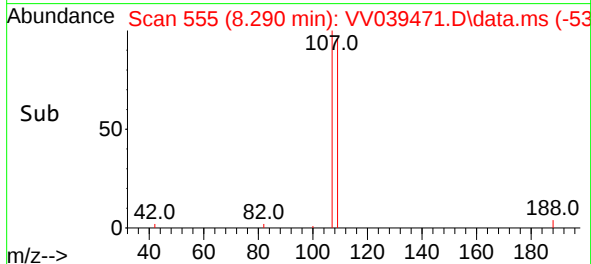


#9
 1,2-Dibromoethane
 Concen: 0.516 ug/L
 RT: 8.290 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VV039471.D
 Acq: 04 Dec 2025 16:56

Instrument :
 MSVOA_V
 ClientSampleId :

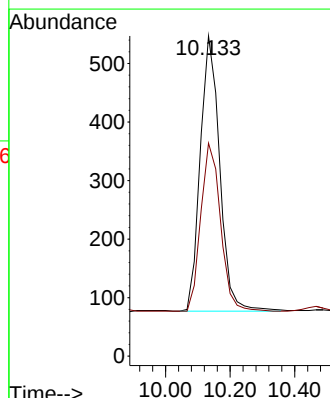
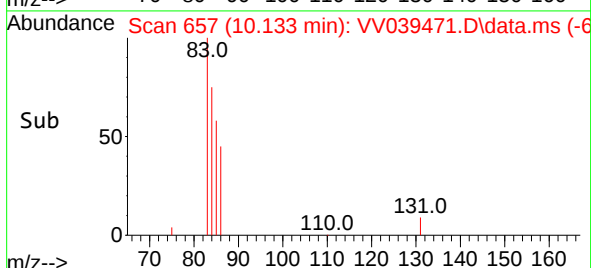
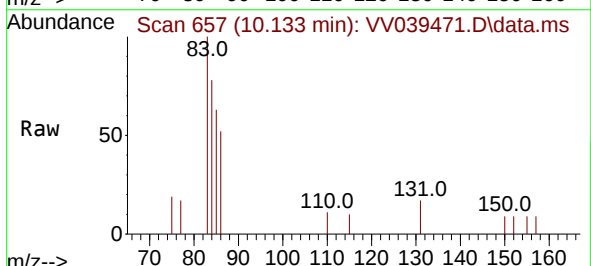


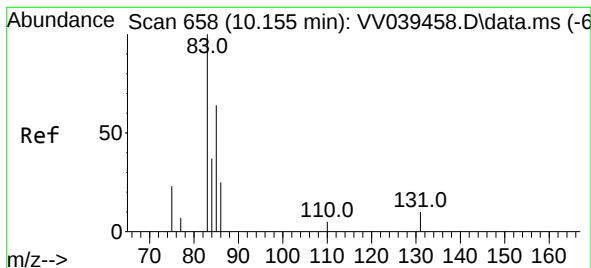
Tgt Ion:107 Resp: 3092
 Ion Ratio Lower Upper
 107 100
 109 96.3 67.4 125.2
 188 11.1 9.4 14.0



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.566 ug/L
 RT: 10.133 min Scan# 657
 Delta R.T. 0.000 min
 Lab File: VV039471.D
 Acq: 04 Dec 2025 16:56

Tgt Ion: 84 Resp: 1967
 Ion Ratio Lower Upper
 84 100
 86 61.6 44.4 82.5

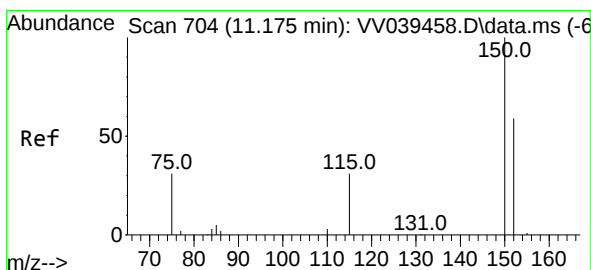
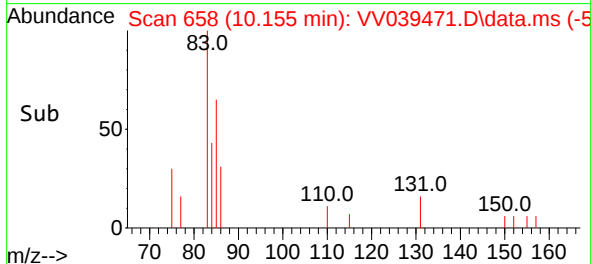
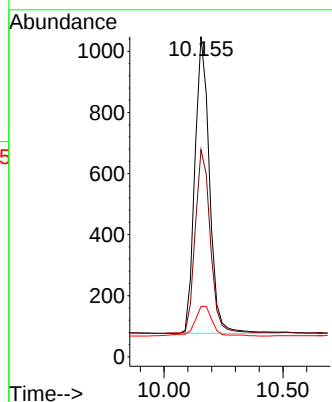
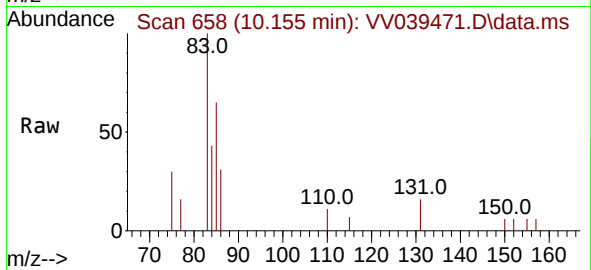




#11
1,1,2,2-Tetrachloroethane
Concen: 0.564 ug/L
RT: 10.155 min Scan# 658
Delta R.T. 0.000 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

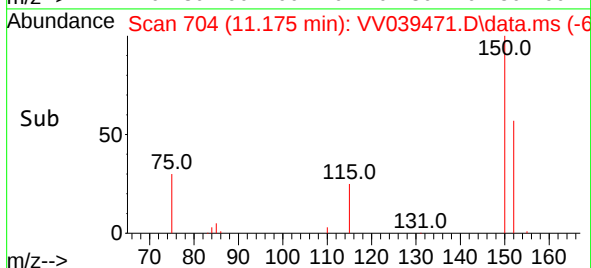
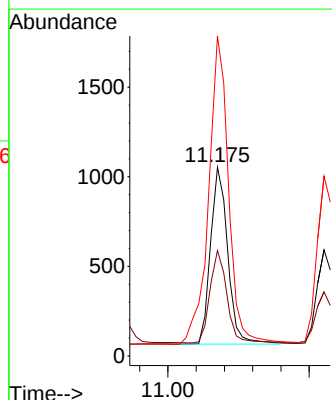
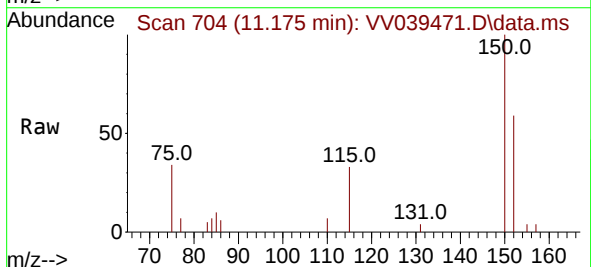
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MSVOA_V
ClientSampleId :

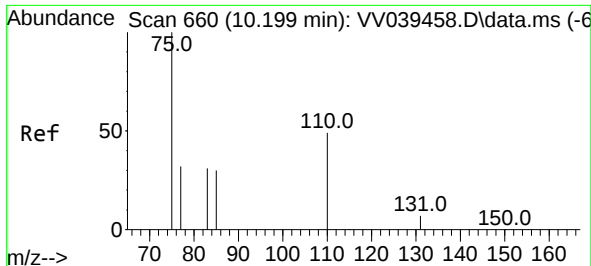
Tgt Ion:	83	Resp:	4141
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.0	76.6
131	11.5	8.6	12.8



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.175 min Scan# 704
Delta R.T. 0.000 min
Lab File: VV039471.D
Acq: 04 Dec 2025 16:56

Tgt Ion:	152	Resp:	4168
Ion	Ratio	Lower	Upper
152	100		
115	51.1	0.0	101.6
150	201.3	0.0	396.2





#13

1,2,3-Trichloropropane

Concen: 0.525 ug/L

RT: 10.200 min Scan# 660

Delta R.T. 0.000 min

Lab File: VV039471.D

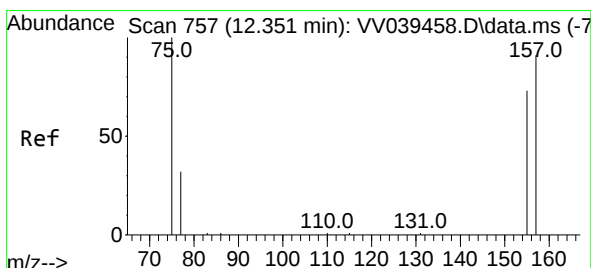
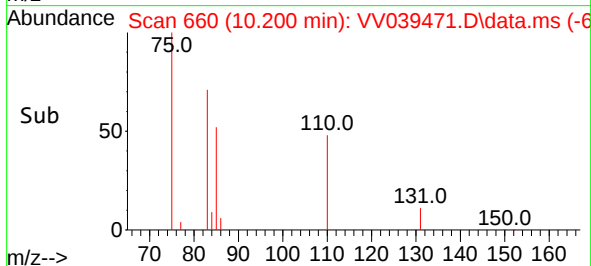
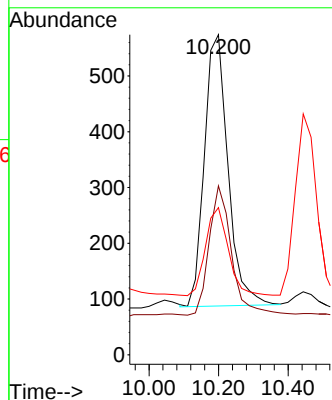
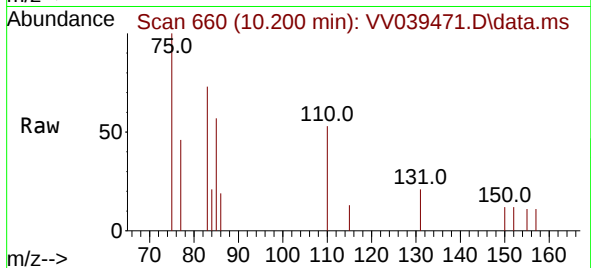
Acq: 04 Dec 2025 16:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	75	Resp:	2302
Ion	Ratio	Lower	Upper
75	100		
110	45.3	37.8	56.6
77	30.6	25.6	38.4



#14

1,2-Dibromo-3-chloropropane

Concen: 0.503 ug/L

RT: 12.351 min Scan# 757

Delta R.T. 0.000 min

Lab File: VV039471.D

Acq: 04 Dec 2025 16:56

Tgt Ion:	75	Resp:	447
Ion	Ratio	Lower	Upper
75	100		
157	84.6	67.8	101.6
155	75.8	61.9	92.9

