

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120525\
 Data File : VV039479.D
 Acq On : 05 Dec 2025 14:59
 Operator : SY/MD
 Sample : Q3757-04 20X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BR-03D-490-120325-SIM

Quant Time: Dec 05 22:49:13 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)

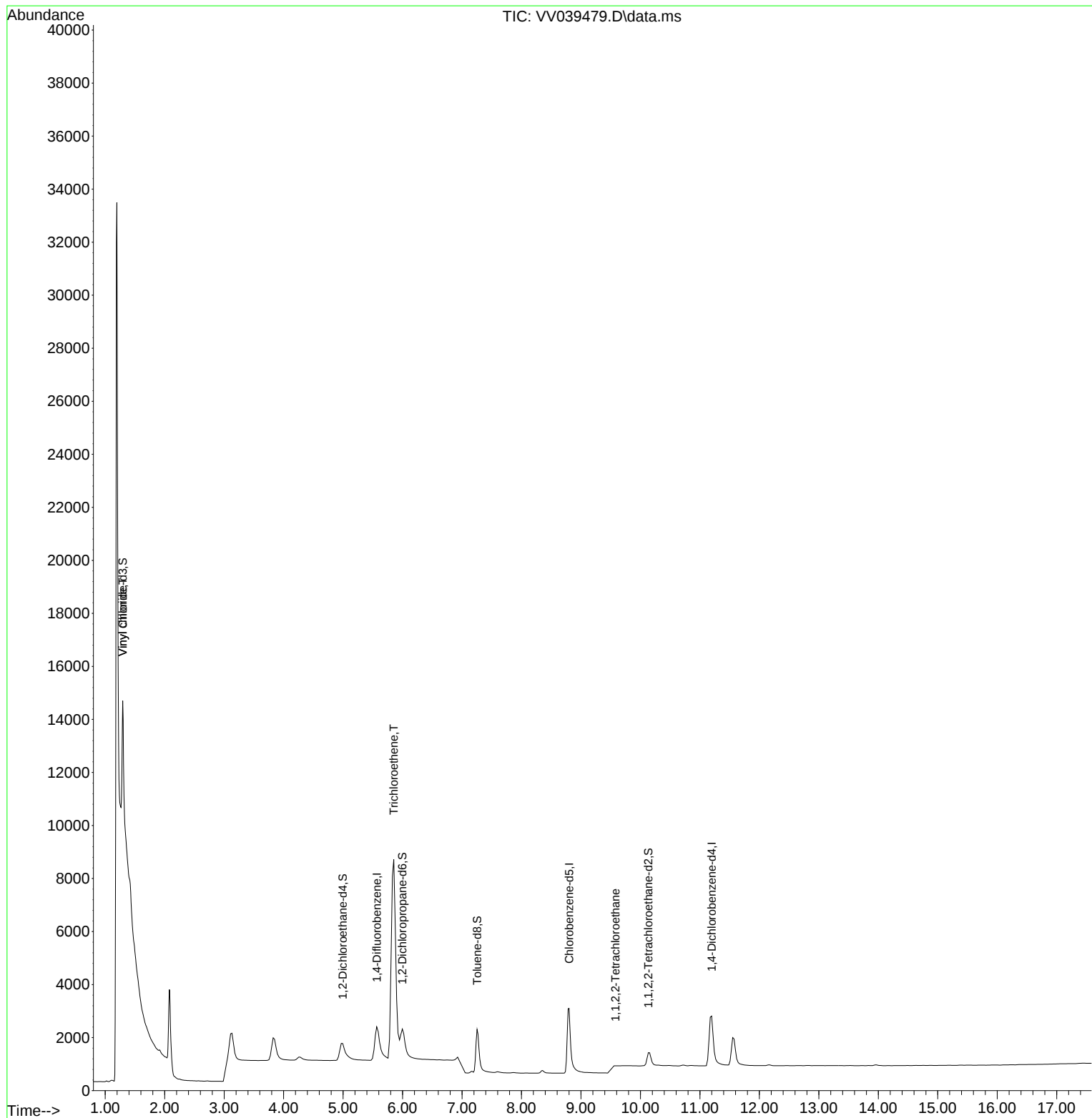
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5792	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5769	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2978	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	3452	0.593	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 118.000%			
4) 1,2-Dichloroethane-d4	4.993	65	1884	0.488	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery = 98.000%			
7) 1,2-Dichloropropane-d6	5.996	67	2047	0.421	ug/L	-0.02
Spiked Amount 0.500	Range 60 - 140		Recovery = 84.000%			
8) Toluene-d8	7.254	98	3945	0.480	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery = 96.000%			
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1506	0.549	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 110.000%			
Target Compounds						
3) Vinyl chloride	1.294	62	2923	0.233	ug/L #	1
6) Trichloroethene	5.852	95	10862	1.519	ug/L	99
11) 1,1,2,2-Tetrachloroethane	9.578	83	795	0.137	ug/L #	1

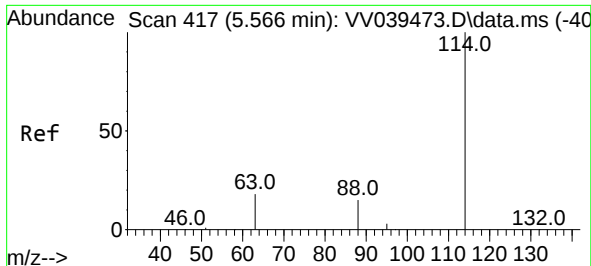
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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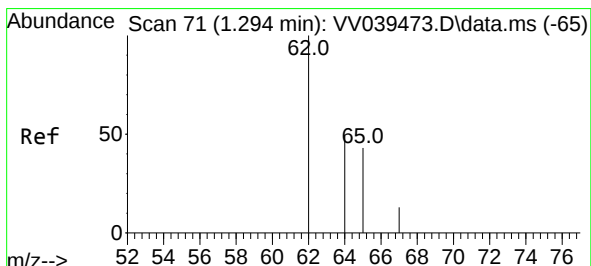
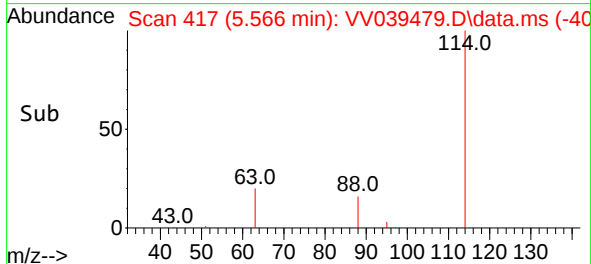
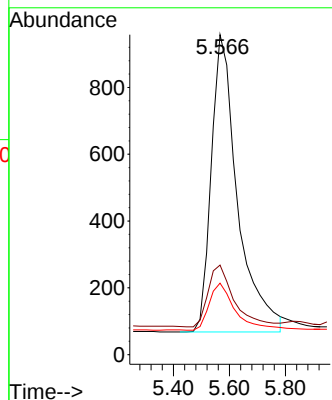
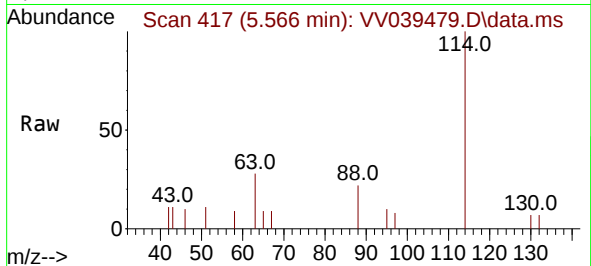




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039479.D
Acq: 05 Dec 2025 14:59

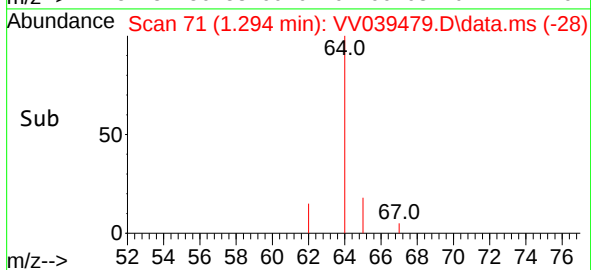
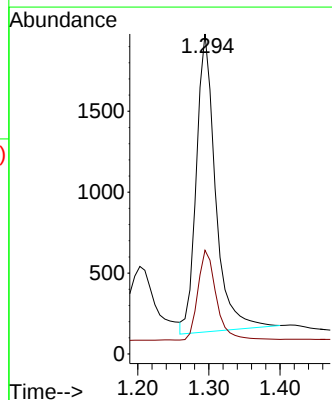
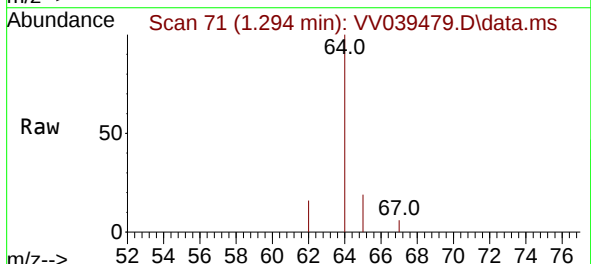
Instrument :
MSVOA_V
ClientSampleId :
BR-03D-490-120325-SIM

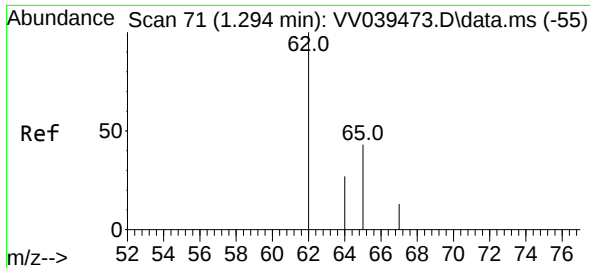
Tgt Ion:	114	Resp:	5792
Ion Ratio	Lower	Upper	
114	100		
63	20.6	15.0	22.4
88	15.6	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.593 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039479.D
Acq: 05 Dec 2025 14:59

Tgt Ion:	65	Resp:	3452
Ion Ratio	Lower	Upper	
65	100		
67	29.1	22.3	41.5

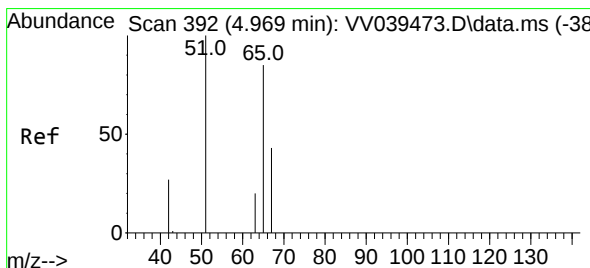
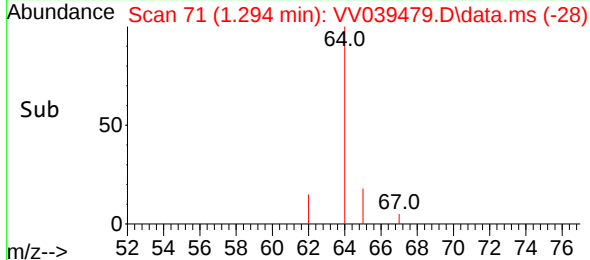
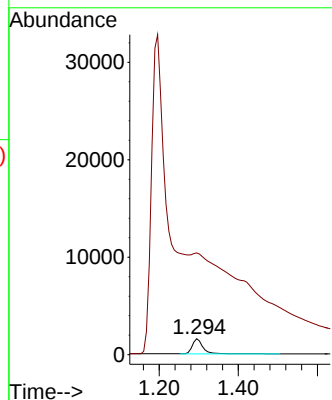
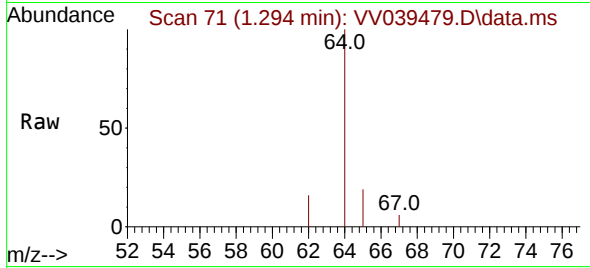




#3
 Vinyl chloride
 Concen: 0.233 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039479.D
 Acq: 05 Dec 2025 14:59

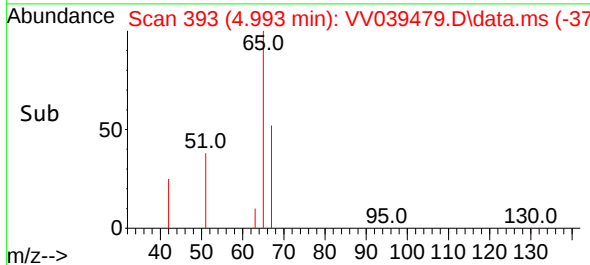
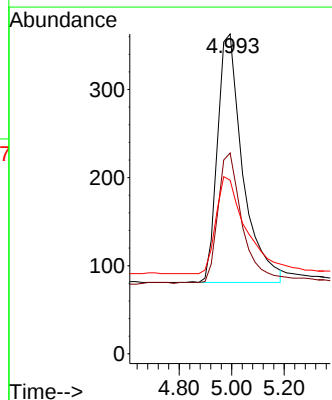
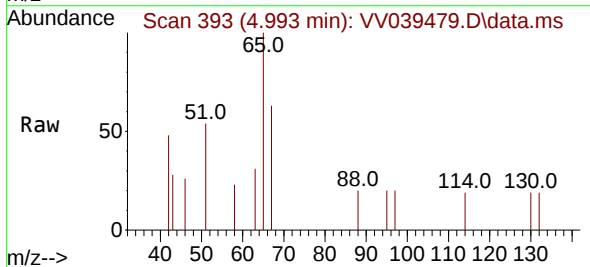
Instrument :
 MSVOA_V
 ClientSampleId :
 BR-03D-490-120325-SIM

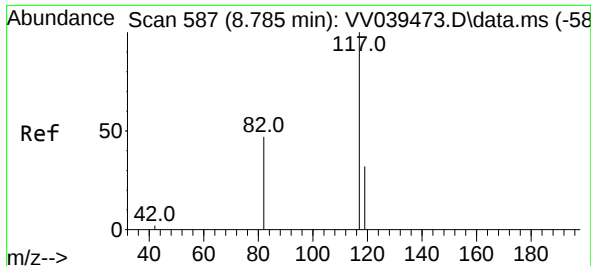
Tgt Ion: 62 Resp: 2923
 Ion Ratio Lower Upper
 62 100
 64 636.1 24.8 46.0#



#4
 1,2-Dichloroethane-d4
 Concen: 0.488 ug/L
 RT: 4.993 min Scan# 393
 Delta R.T. 0.024 min
 Lab File: VV039479.D
 Acq: 05 Dec 2025 14:59

Tgt Ion: 65 Resp: 1884
 Ion Ratio Lower Upper
 65 100
 67 51.2 32.5 60.3
 51 45.9 121.4 225.6#

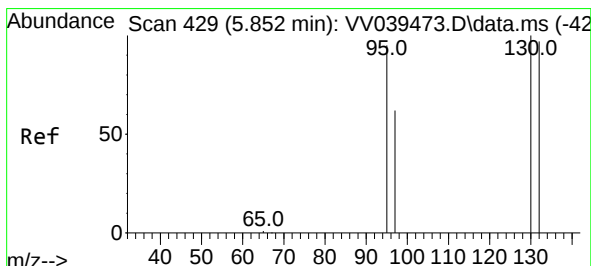
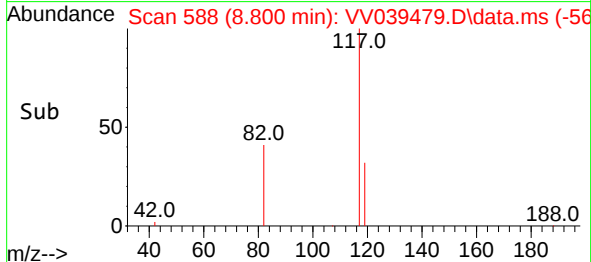
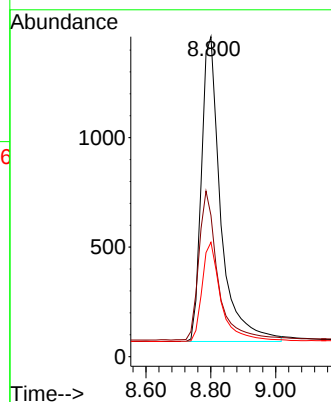
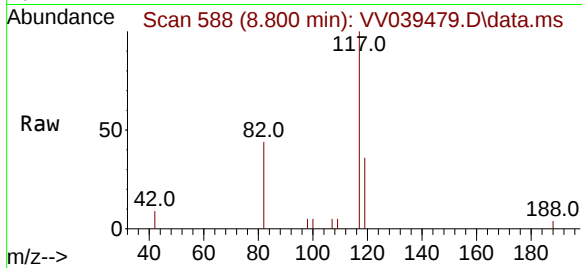




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 511
Delta R.T. 0.016 min
Lab File: VV039479.D
Acq: 05 Dec 2025 14:59

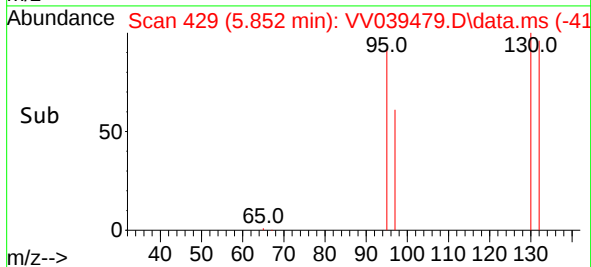
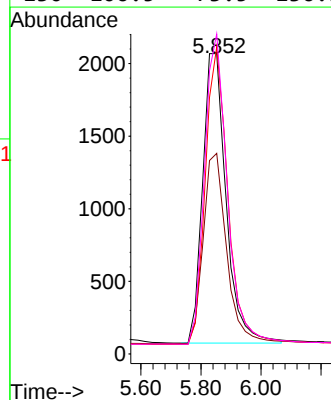
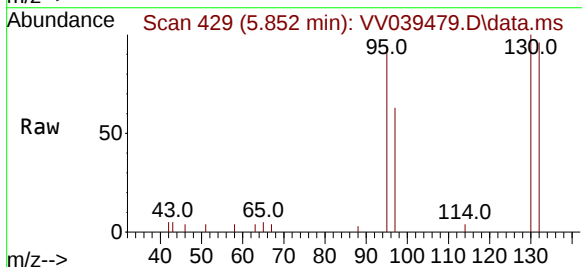
Instrument :
MSVOA_V
ClientSampleId :
BR-03D-490-120325-SIM

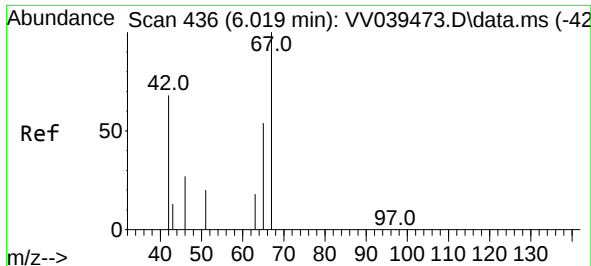
Tgt Ion:	117	Resp:	5769
Ion	Ratio	Lower	Upper
117	100		
82	47.9	39.4	59.2
119	32.4	26.2	39.2



#6
Trichloroethene
Concen: 1.519 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039479.D
Acq: 05 Dec 2025 14:59

Tgt Ion:	95	Resp:	10862
Ion	Ratio	Lower	Upper
95	100		
97	66.8	47.7	88.7
132	102.3	70.8	131.4
130	106.5	73.5	136.5

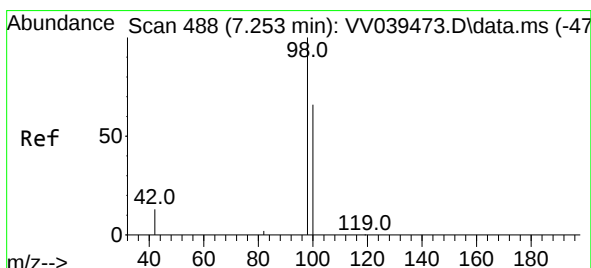
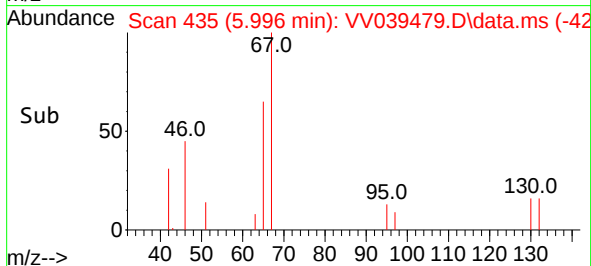
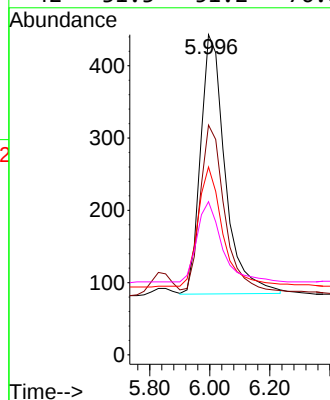
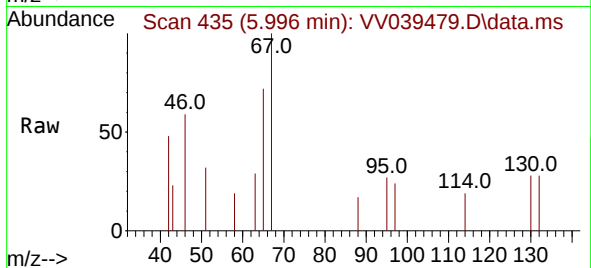




#7
1,2-Dichloropropane-d6
Concen: 0.421 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039479.D
Acq: 05 Dec 2025 14:59

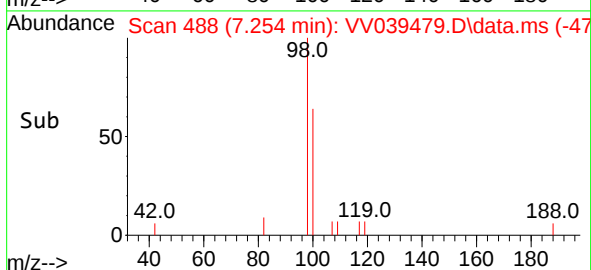
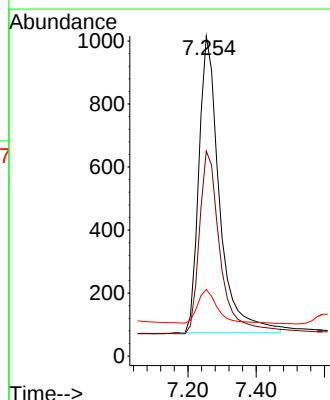
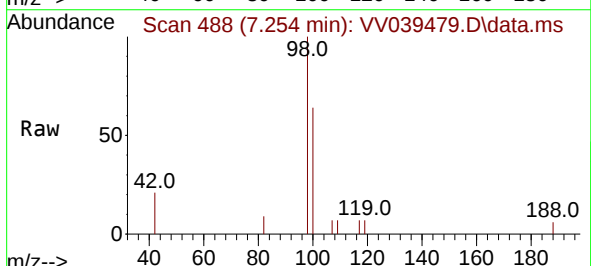
Instrument :
MSVOA_V
ClientSampleId :
BR-03D-490-120325-SIM

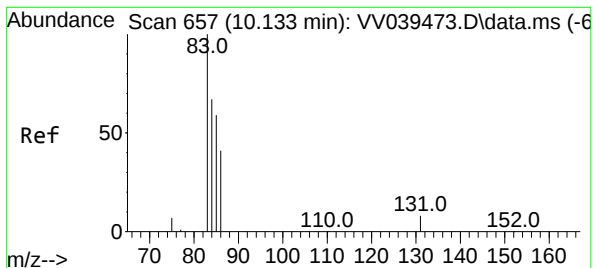
Tgt Ion:	67	Resp:	2047
Ion	Ratio	Lower	Upper
67	100		
65	63.8	37.9	56.9#
46	47.2	27.4	41.0#
42	31.3	51.2	76.8#



#8
Toluene-d8
Concen: 0.480 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039479.D
Acq: 05 Dec 2025 14:59

Tgt Ion:	98	Resp:	3945
Ion	Ratio	Lower	Upper
98	100		
100	62.4	44.5	82.7
42	10.8	10.1	18.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.549 ug/L

RT: 10.133 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV039479.D

Acq: 05 Dec 2025 14:59

Instrument :

MSVOA_V

ClientSampleId :

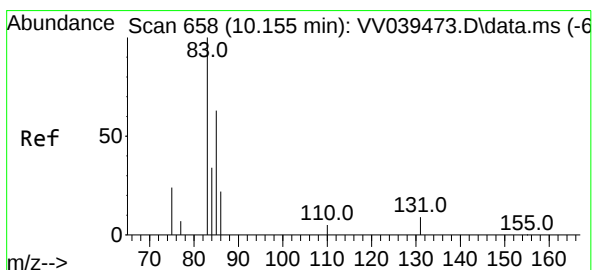
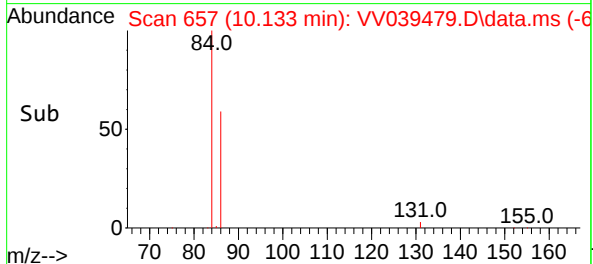
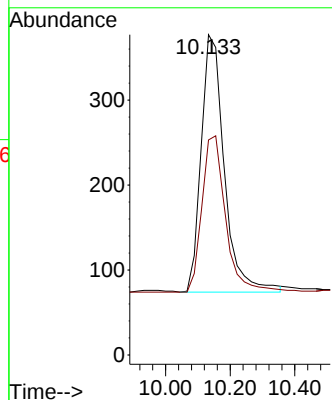
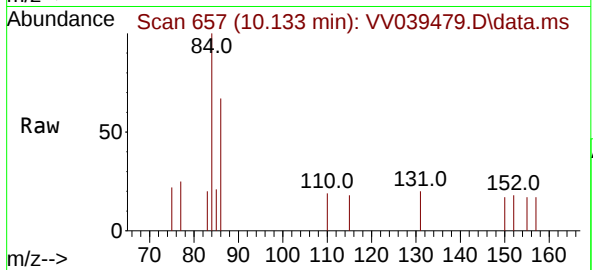
BR-03D-490-120325-SIM

Tgt Ion: 84 Resp: 1506

Ion Ratio Lower Upper

84 100

86 61.8 44.4 82.5



#11

1,1,2,2-Tetrachloroethane

Concen: 0.137 ug/L

RT: 9.578 min Scan# 632

Delta R.T. -0.576 min

Lab File: VV039479.D

Acq: 05 Dec 2025 14:59

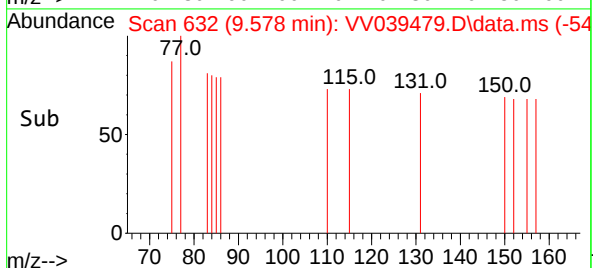
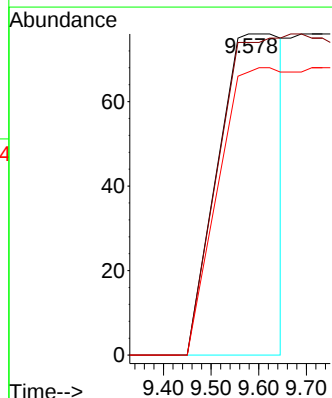
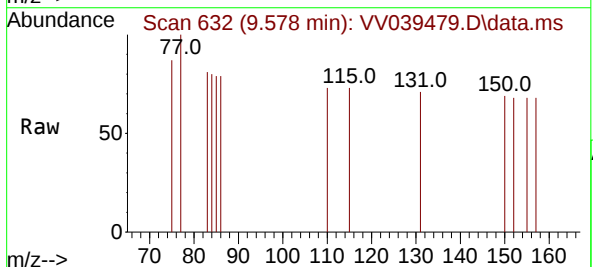
Tgt Ion: 83 Resp: 795

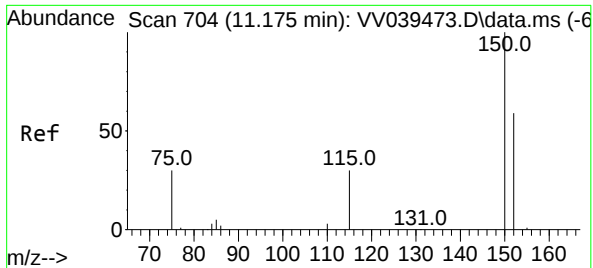
Ion Ratio Lower Upper

83 100

85 152.2 51.0 76.6#

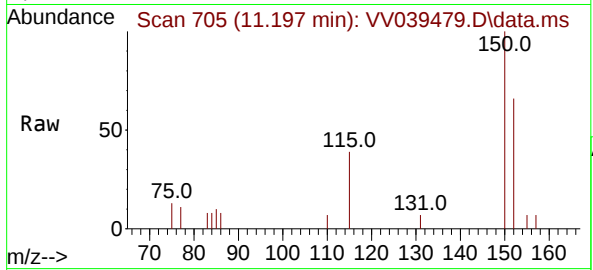
131 101.0 8.6 12.8#





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.197 min Scan# 70
 Delta R.T. 0.022 min
 Lab File: VV039479.D
 Acq: 05 Dec 2025 14:59

Instrument :
 MSVOA_V
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Tgt Ion:	152	Resp:	2978
Ion	Ratio	Lower	Upper
152	100		
115	55.5	0.0	101.6
150	158.3	0.0	396.2

