

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120825\
 Data File : VV039489.D
 Acq On : 08 Dec 2025 13:54
 Operator : SY/MD
 Sample : Q3787-04
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-15B-42.5-120425-SIM

Quant Time: Dec 09 01:27:16 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)

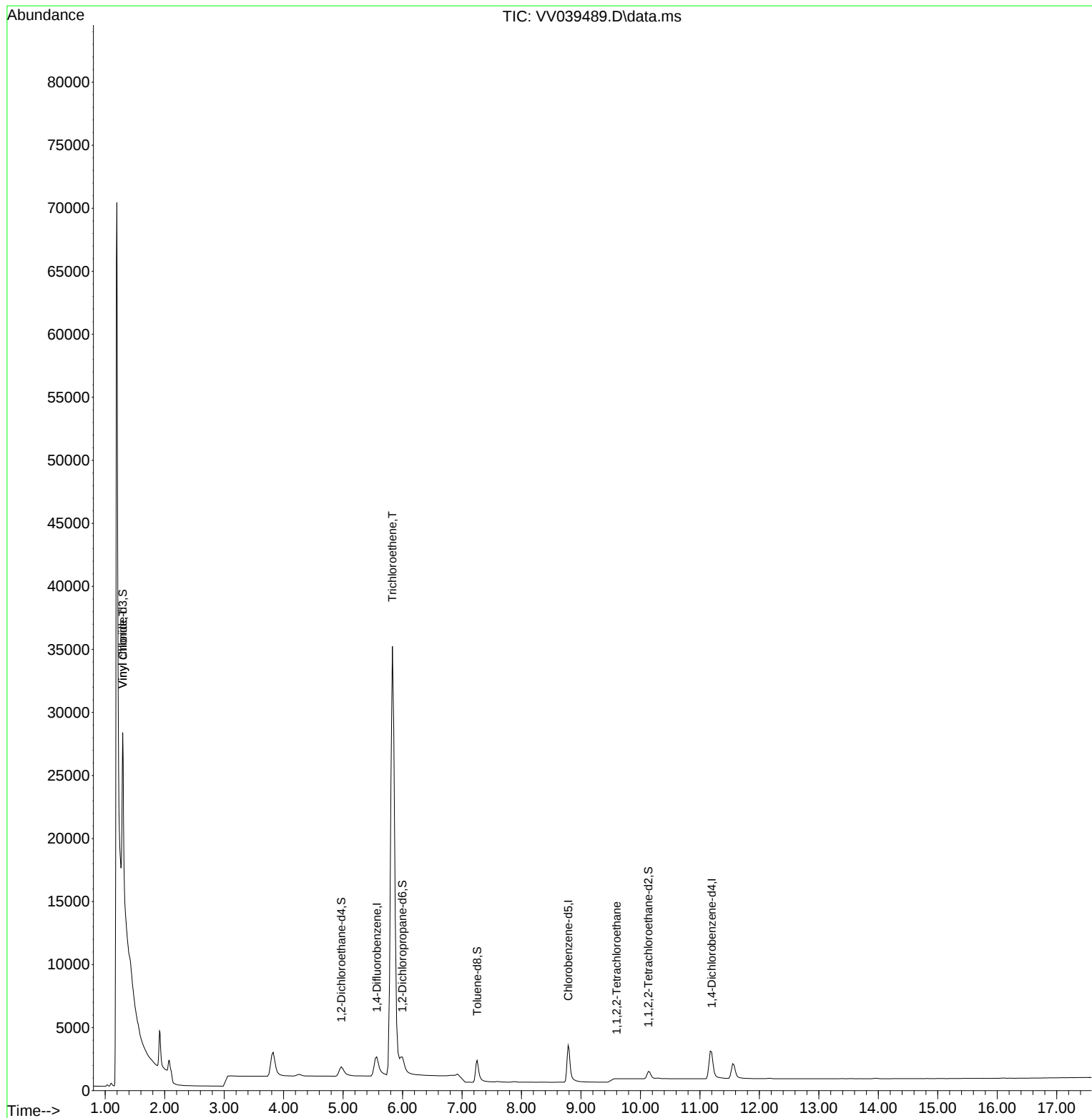
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7018	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6420	0.500	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	11.197	152	3368	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	4889	0.693	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	138.000%#
4) 1,2-Dichloroethane-d4	4.969	65	2037	0.436	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.000%
7) 1,2-Dichloropropane-d6	5.995	67	2258	0.417	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.253	98	4297	0.470	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1651	0.541	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	13617	0.897	ug/L #	1
6) Trichloroethene	5.828	95	42793	5.378	ug/L	96
11) 1,1,2,2-Tetrachloroethane	9.600	83	1753	0.272	ug/L #	74

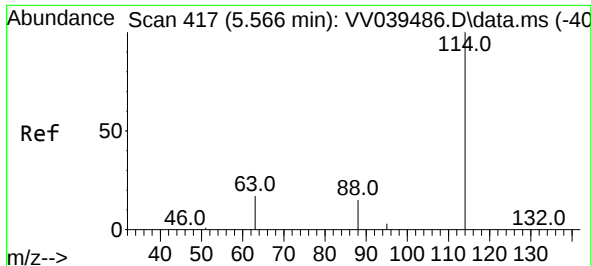
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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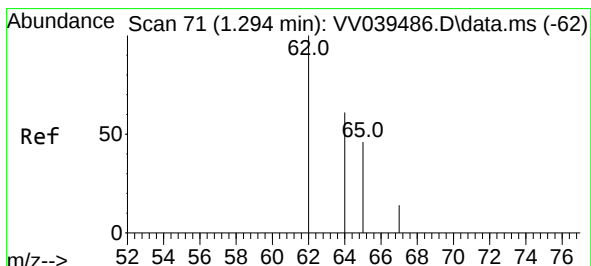
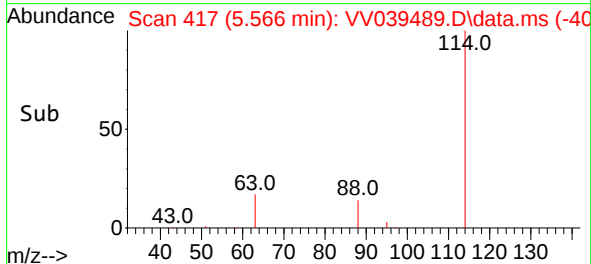
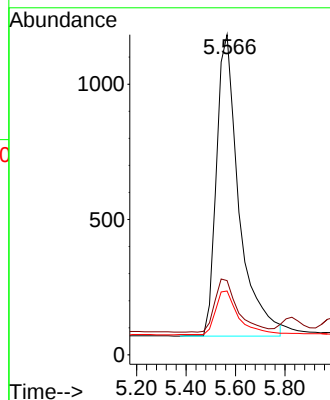
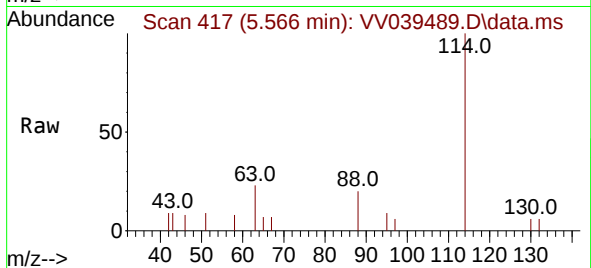




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

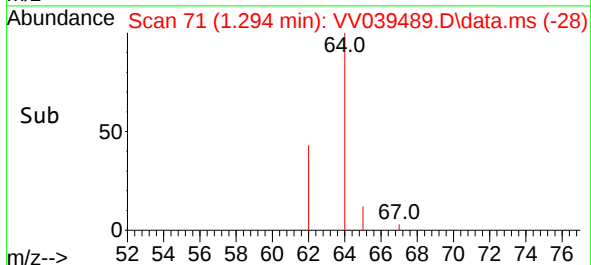
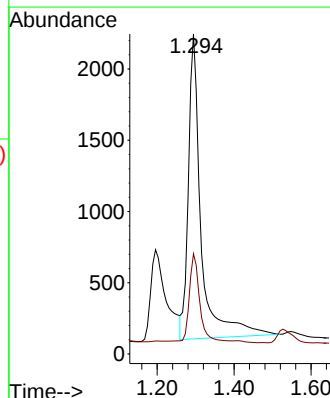
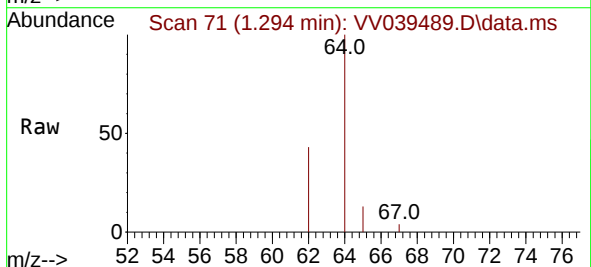
Instrument :
MSVOA_V
ClientSampleId :
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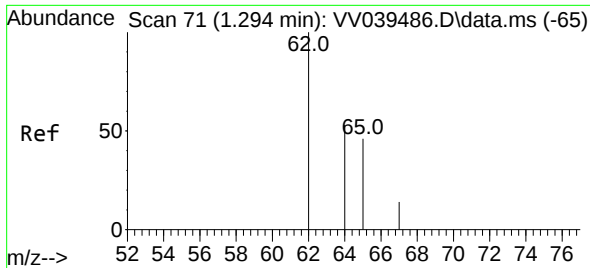
Tgt Ion:114 Resp: 7018
Ion Ratio Lower Upper
114 100
63 17.8 15.0 22.4
88 14.6 12.0 18.0



#2
Vinyl Chloride-d3
Concen: 0.693 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

Tgt Ion: 65 Resp: 4889
Ion Ratio Lower Upper
65 100
67 22.5 22.3 41.5

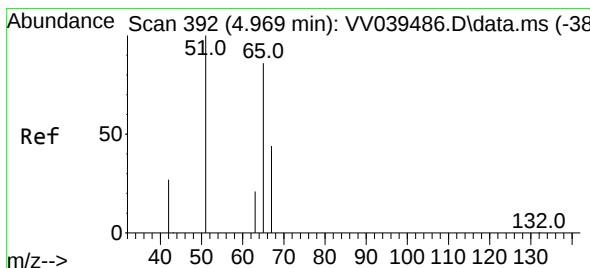
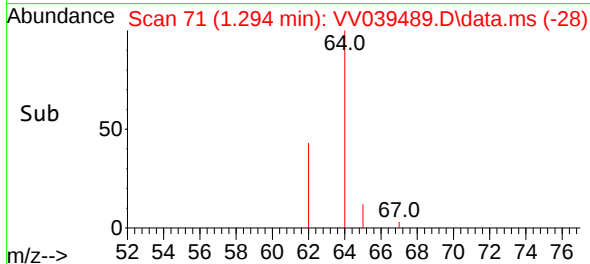
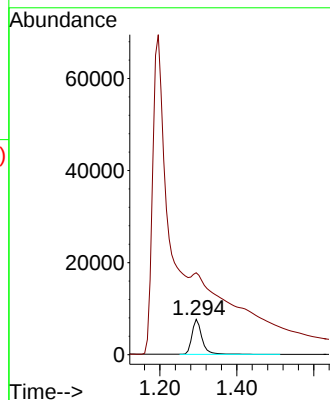
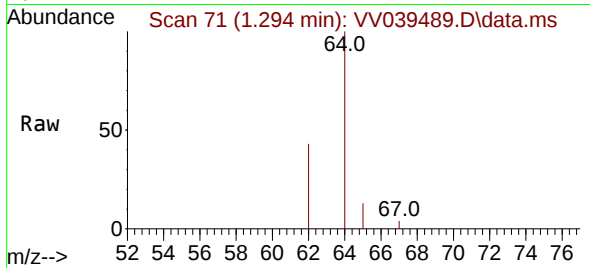




#3
 Vinyl chloride
 Concen: 0.897 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039489.D
 Acq: 08 Dec 2025 13:54

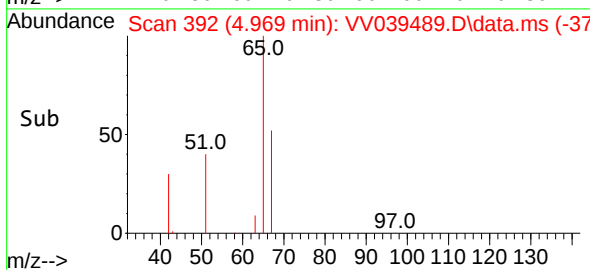
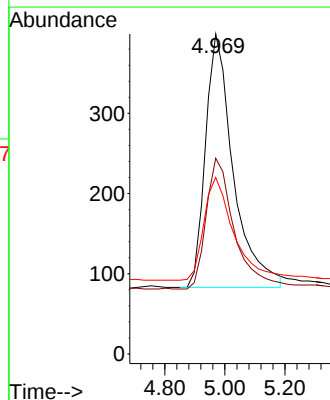
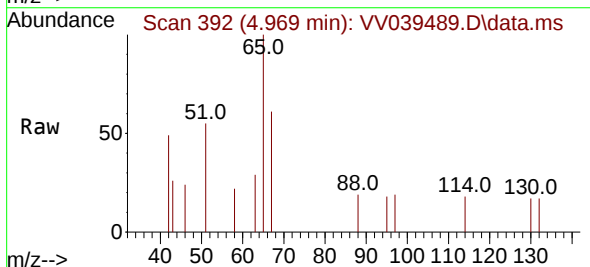
Instrument :
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 ClientSampleId :
 MW-15B-42.5-120425-SIM

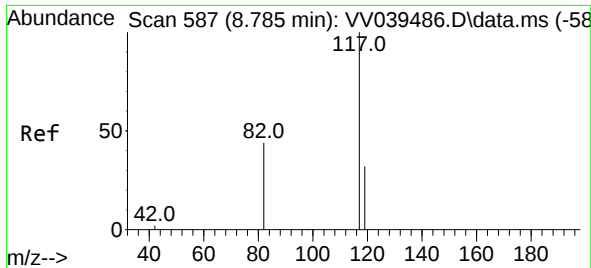
Tgt Ion: 62 Resp: 13617
 Ion Ratio Lower Upper
 62 100
 64 231.9 24.8 46.0#



#4
 1,2-Dichloroethane-d4
 Concen: 0.436 ug/L
 RT: 4.969 min Scan# 392
 Delta R.T. 0.000 min
 Lab File: VV039489.D
 Acq: 08 Dec 2025 13:54

Tgt Ion: 65 Resp: 2037
 Ion Ratio Lower Upper
 65 100
 67 52.2 32.5 60.3
 51 43.3 121.4 225.6#

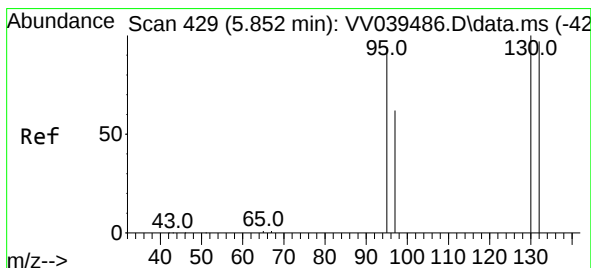
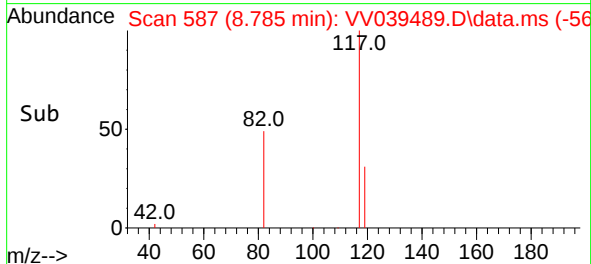
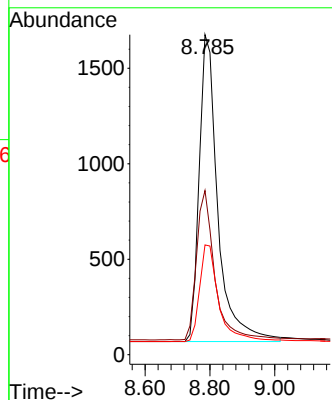
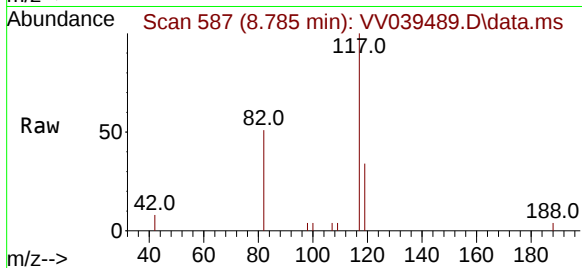




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

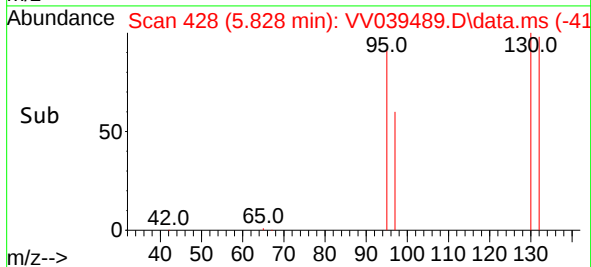
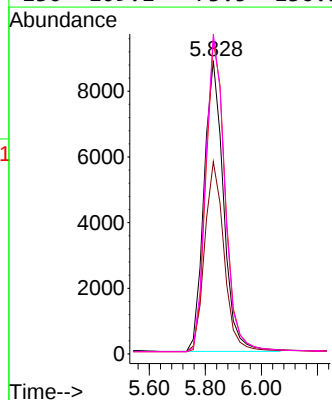
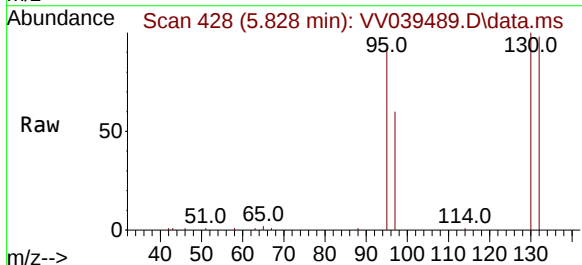
Instrument :
MSVOA_V
ClientSampleId :
MW-15B-42.5-120425-SIM

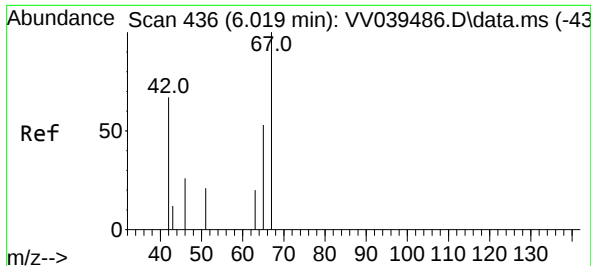
Tgt Ion:	117	Resp:	6420
Ion	Ratio	Lower	Upper
117	100		
82	47.7	39.4	59.2
119	32.3	26.2	39.2



#6
Trichloroethene
Concen: 5.378 ug/L
RT: 5.828 min Scan# 428
Delta R.T. -0.024 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

Tgt Ion:	95	Resp:	42793
Ion	Ratio	Lower	Upper
95	100		
97	65.6	47.7	88.7
132	106.8	70.8	131.4
130	109.1	73.5	136.5

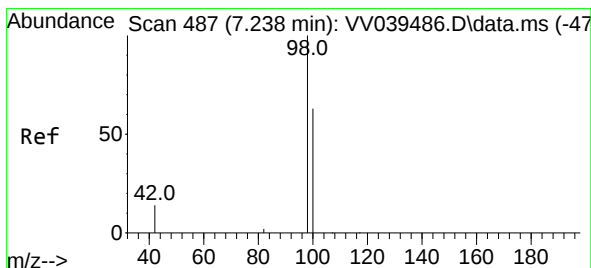
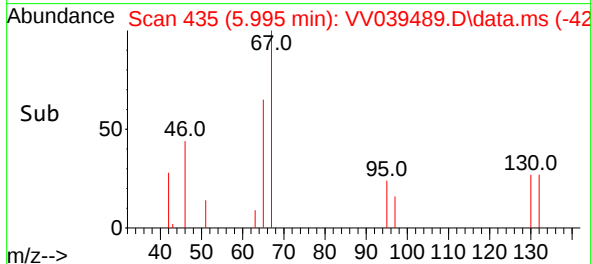
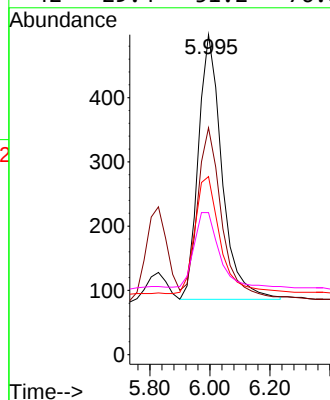
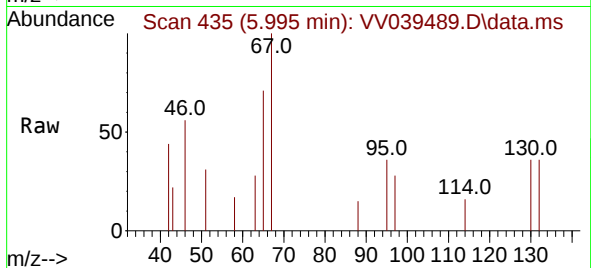




#7
1,2-Dichloropropane-d6
Concen: 0.417 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.024 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

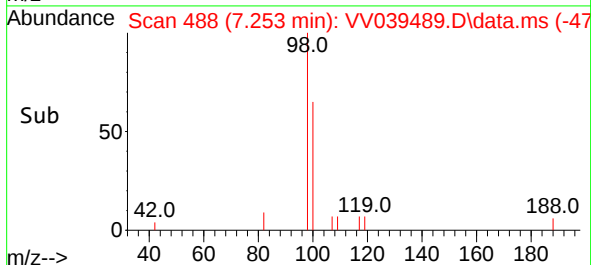
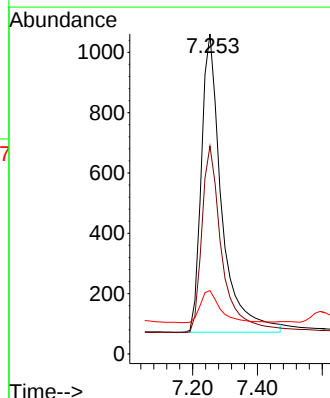
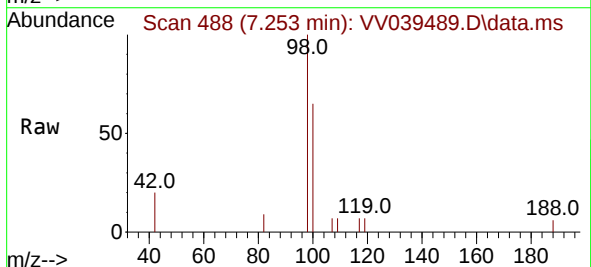
Instrument :
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ClientSampleId :
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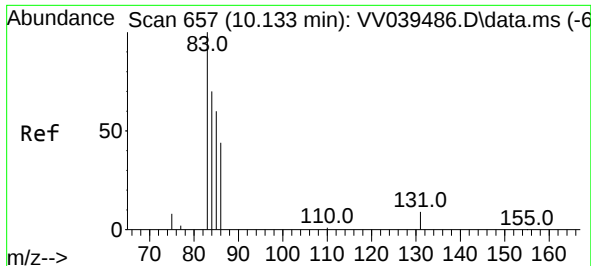
Tgt Ion:	67	Resp:	2258
Ion	Ratio	Lower	Upper
67	100		
65	63.4	37.9	56.9#
46	47.7	27.4	41.0#
42	29.4	51.2	76.8#



#8
Toluene-d8
Concen: 0.470 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

Tgt Ion:	98	Resp:	4297
Ion	Ratio	Lower	Upper
98	100		
100	62.1	44.5	82.7
42	10.5	10.1	18.7

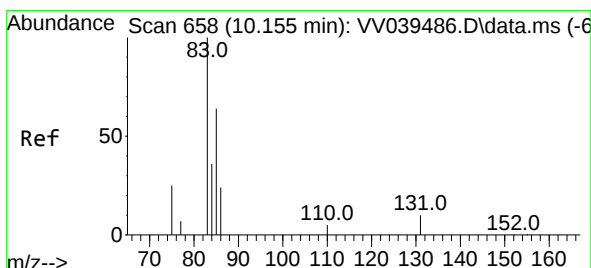
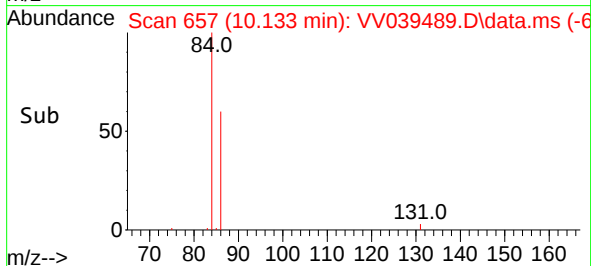
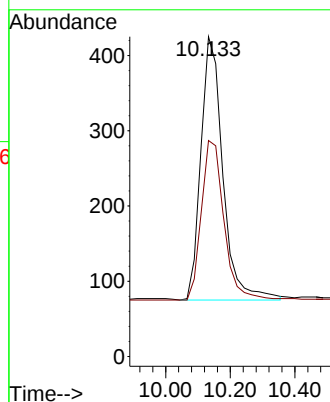
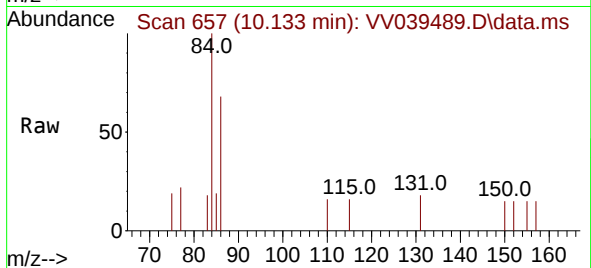




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.541 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

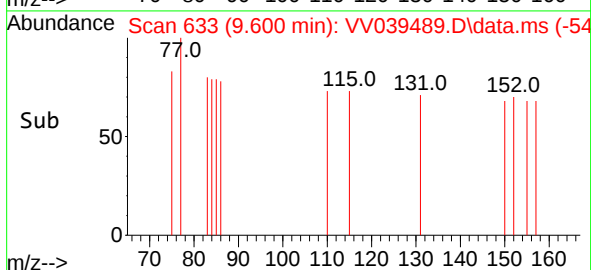
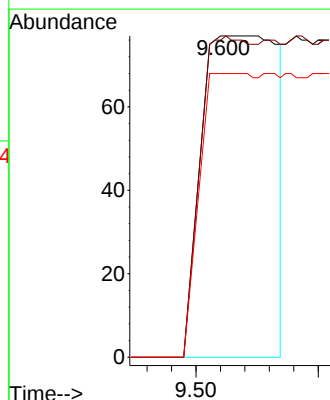
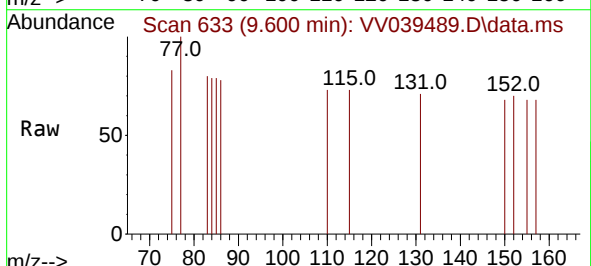
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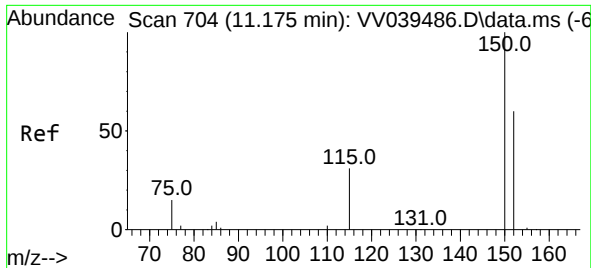
Tgt Ion: 84 Resp: 1651
Ion Ratio Lower Upper
84 100
86 62.0 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.272 ug/L
RT: 9.600 min Scan# 633
Delta R.T. -0.555 min
Lab File: VV039489.D
Acq: 08 Dec 2025 13:54

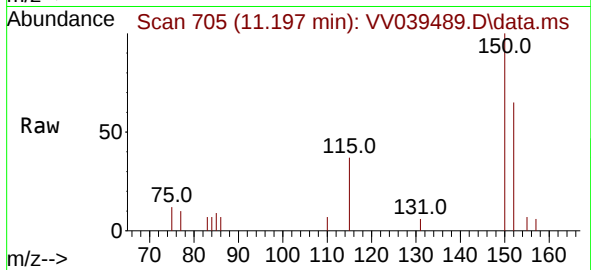
Tgt Ion: 83 Resp: 1753
Ion Ratio Lower Upper
83 100
85 69.8 51.0 76.6
131 62.6 8.6 12.8#





#12
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.197 min Scan# 70
 Delta R.T. 0.022 min
 Lab File: VV039489.D
 Acq: 08 Dec 2025 13:54

Instrument :
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Tgt Ion:	152	Resp:	3368
Ion	Ratio	Lower	Upper
152	100		
115	53.7	0.0	101.6
150	159.5	0.0	396.2

