

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039465.D
 Acq On : 04 Dec 2025 13:03
 Operator : SY/MD
 Sample : Q3756-08
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 05 00:09:45 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)

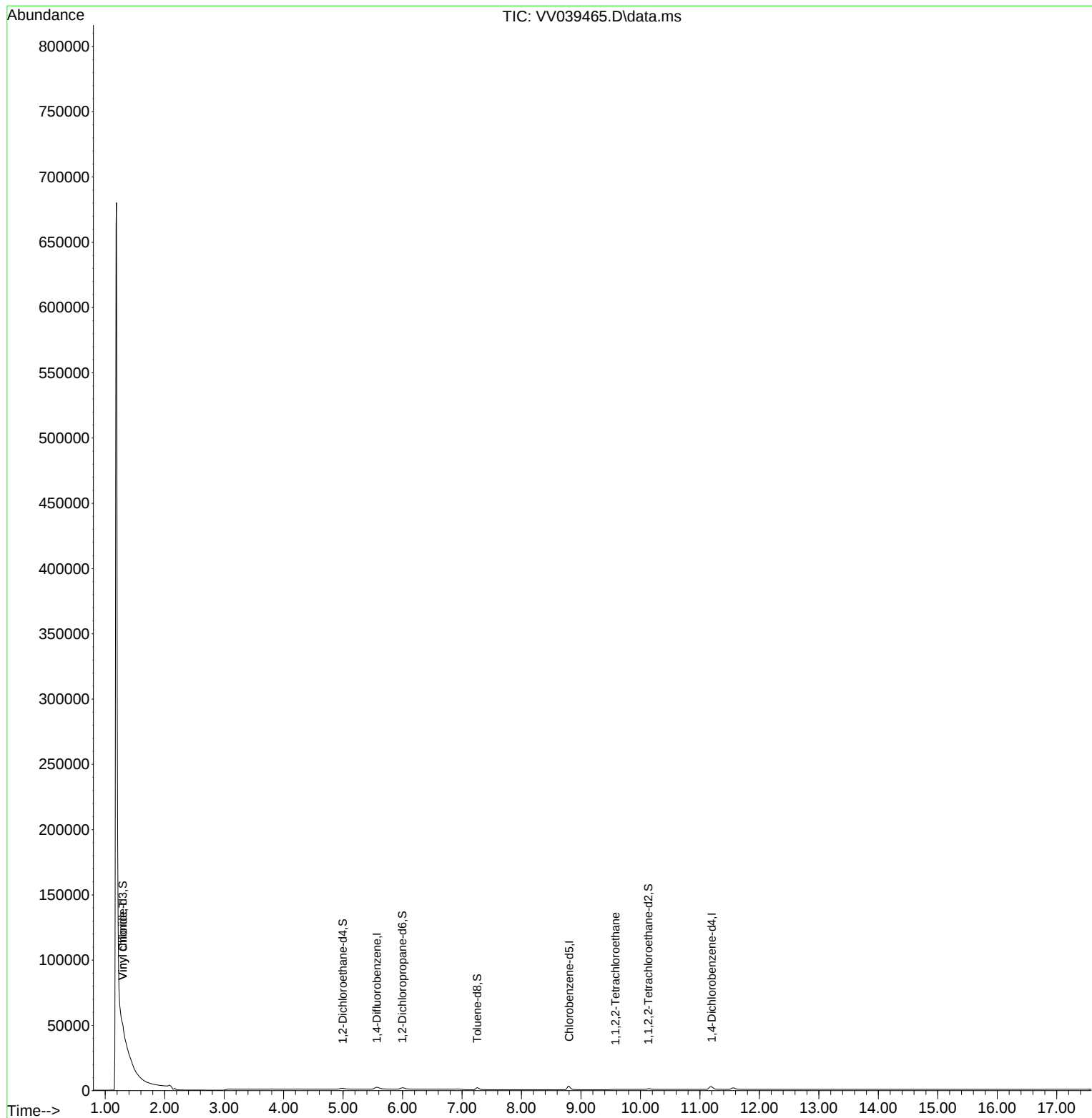
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6414	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6408	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3306	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	6703	1.039	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	208.000%#
4) 1,2-Dichloroethane-d4	4.993	65	1926	0.451	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
7) 1,2-Dichloropropane-d6	5.995	67	2269	0.420	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.253	98	4165	0.457	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1632	0.536	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	580	0.042	ug/L #	1
11) 1,1,2,2-Tetrachloroethane	9.578	83	804	0.125	ug/L #	26

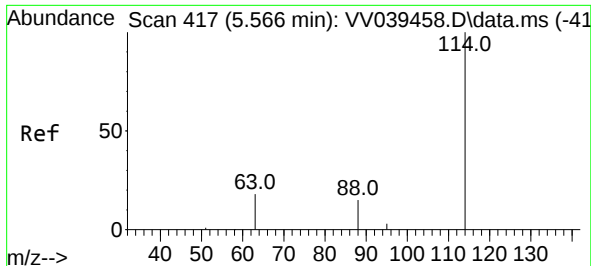
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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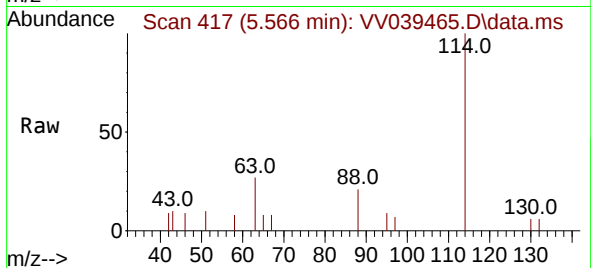
Quant Time: Dec 05 00:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM120325MA.M
Quant Title : TRACE VOA SOM01.0
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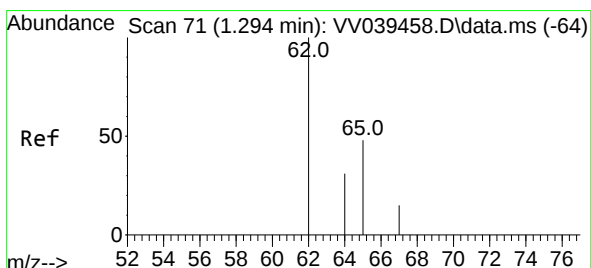
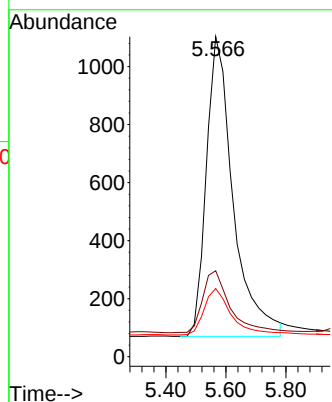
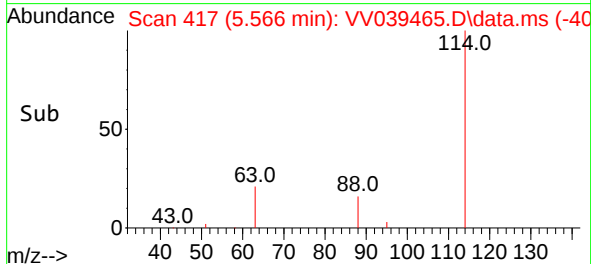


#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

Instrument :
MSVOA_V
ClientSampleId :

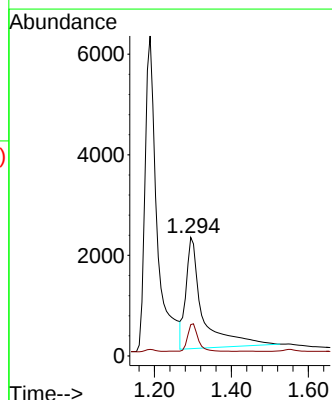
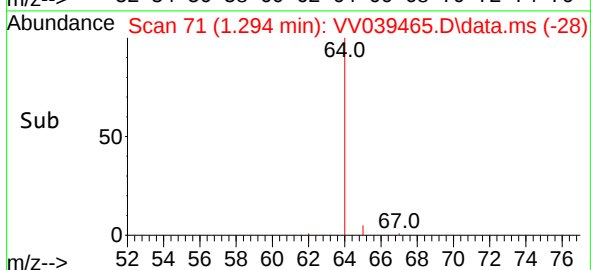
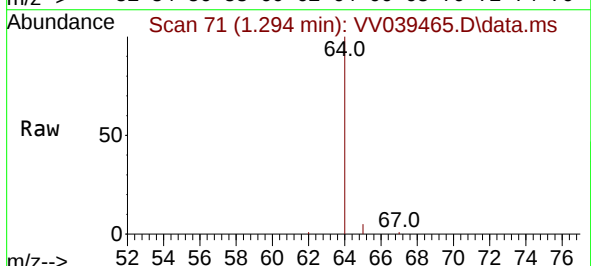


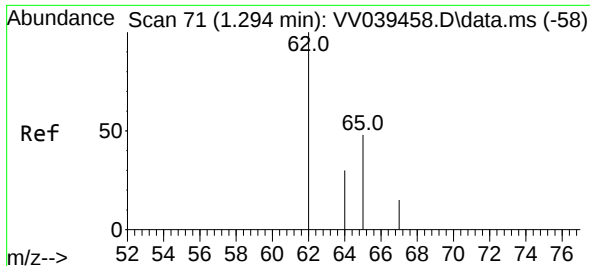
Tgt Ion:114 Resp: 6414
Ion Ratio Lower Upper
114 100
63 20.8 15.0 22.4
88 15.6 12.0 18.0



#2
Vinyl Chloride-d3
Concen: 1.039 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.000 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

Tgt Ion: 65 Resp: 6703
Ion Ratio Lower Upper
65 100
67 15.7 22.3 41.5#

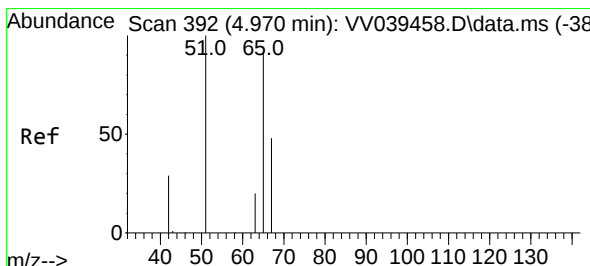
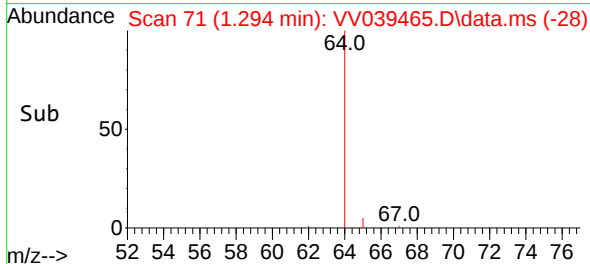
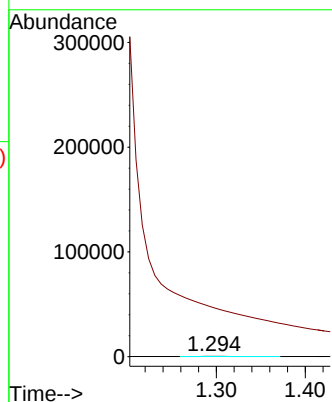
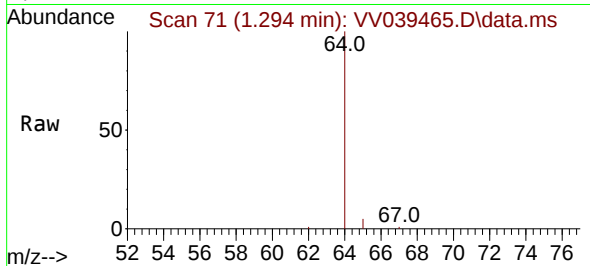




#3
 Vinyl chloride
 Concen: 0.042 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039465.D
 Acq: 04 Dec 2025 13:03

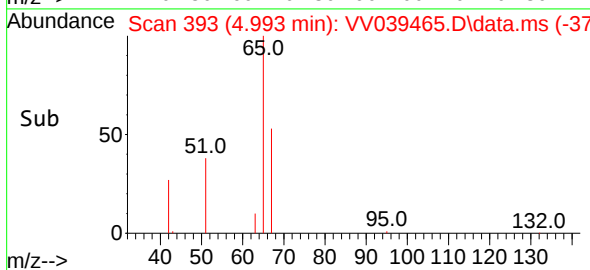
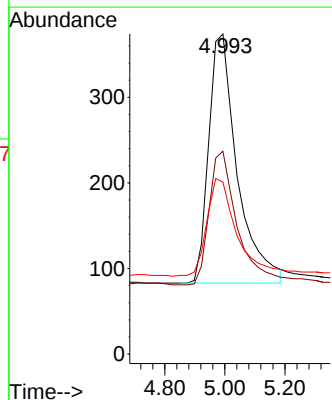
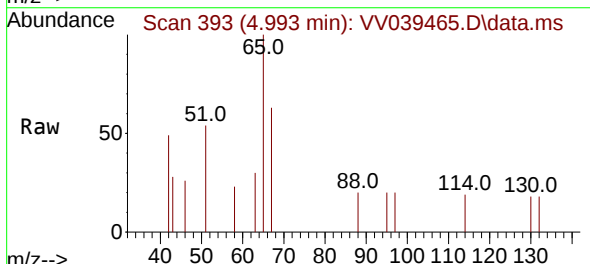
Instrument :
 MSVOA_V
 ClientSampleId :

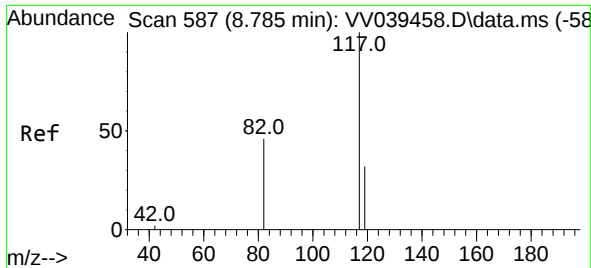
Tgt Ion: 62 Resp: 580
 Ion Ratio Lower Upper
 62 100
 64 12748.5 24.8 46.0#



#4
 1,2-Dichloroethane-d4
 Concen: 0.451 ug/L
 RT: 4.993 min Scan# 393
 Delta R.T. 0.024 min
 Lab File: VV039465.D
 Acq: 04 Dec 2025 13:03

Tgt Ion: 65 Resp: 1926
 Ion Ratio Lower Upper
 65 100
 67 53.0 32.5 60.3
 51 41.0 121.4 225.6#

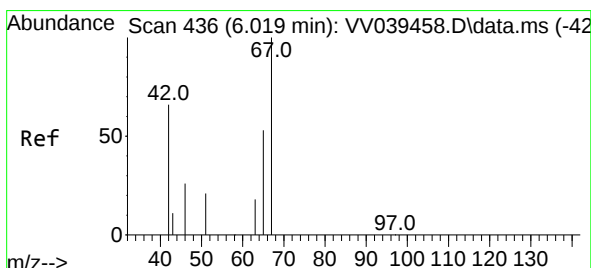
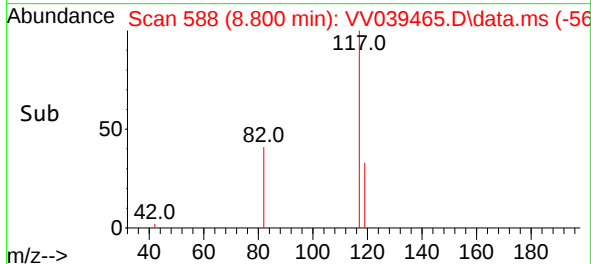
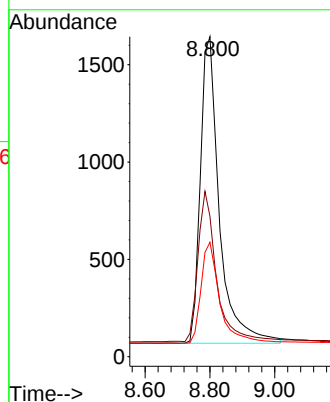
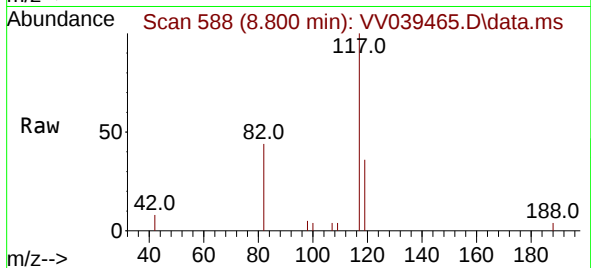




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. 0.015 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

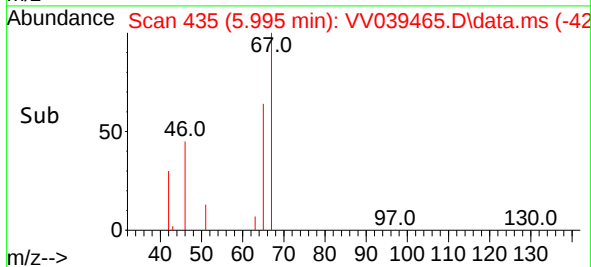
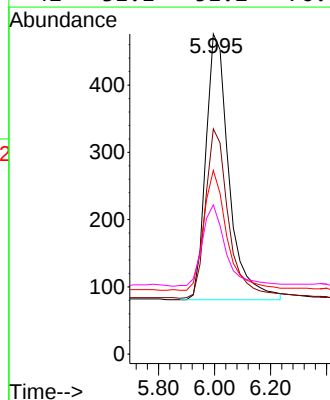
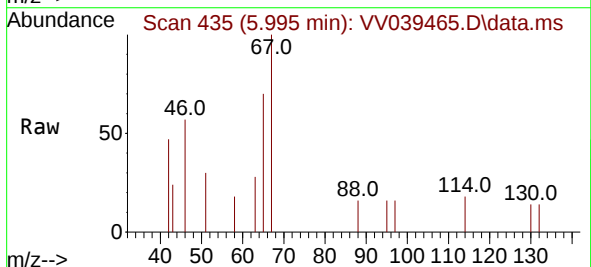
Instrument :
MSVOA_V
ClientSampleId :

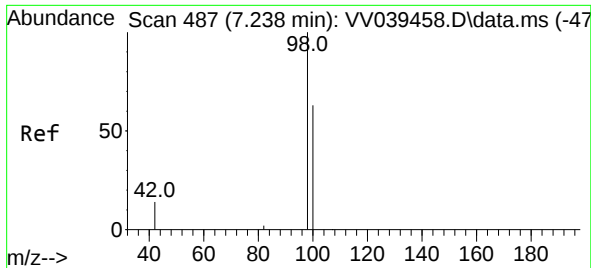
Tgt Ion:	117	Resp:	6408
Ion	Ratio	Lower	Upper
117	100		
82	47.8	39.4	59.2
119	32.7	26.2	39.2



#7
1,2-Dichloropropane-d6
Concen: 0.420 ug/L
RT: 5.995 min Scan# 435
Delta R.T. -0.024 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

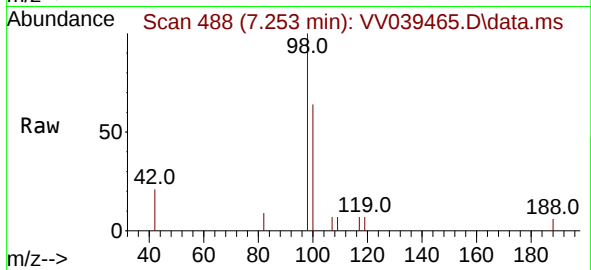
Tgt Ion:	67	Resp:	2269
Ion	Ratio	Lower	Upper
67	100		
65	63.9	37.9	56.9#
46	45.3	27.4	41.0#
42	31.1	51.2	76.8#



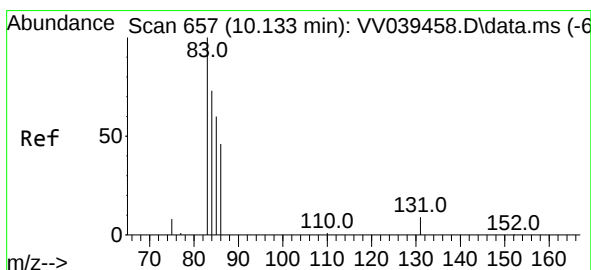
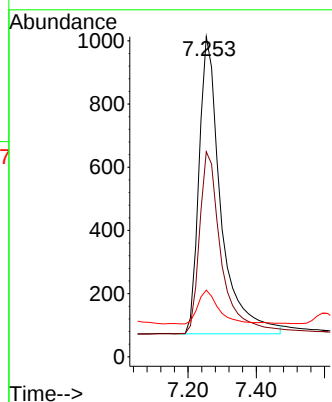
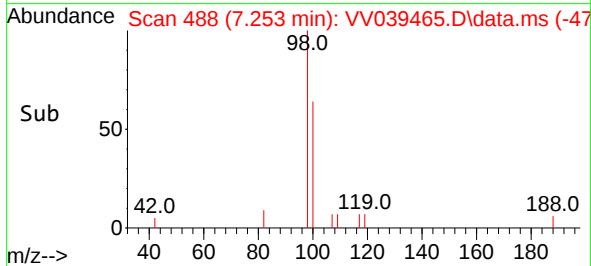


#8
Toluene-d8
Concen: 0.457 ug/L
RT: 7.253 min Scan# 41
Delta R.T. 0.015 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

Instrument :
MSVOA_V
ClientSampleId :

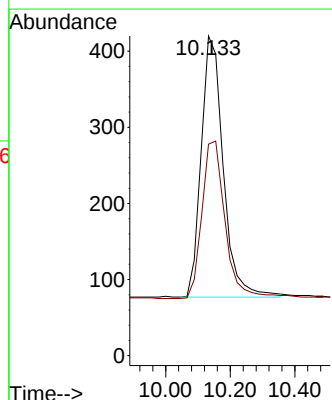
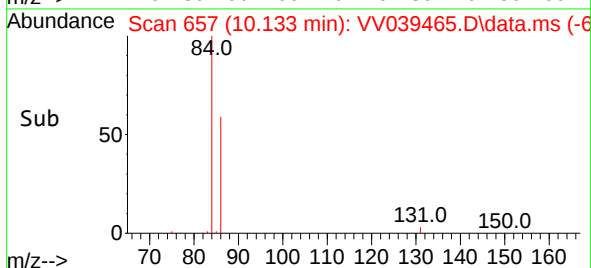
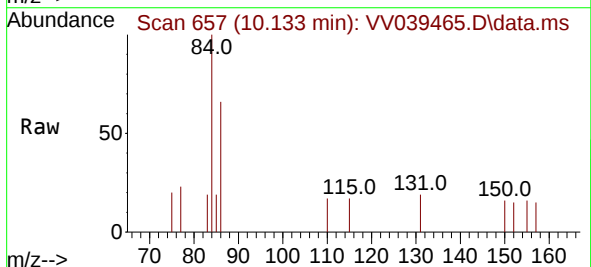


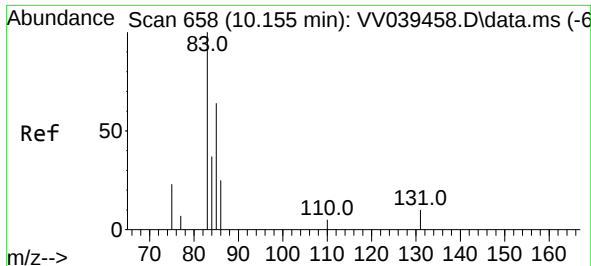
Tgt Ion: 98	Resp: 4165
Ion Ratio	Lower Upper
98 100	
100 61.4	44.5 82.7
42 11.0	10.1 18.7



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.536 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

Tgt Ion: 84	Resp: 1632
Ion Ratio	Lower Upper
84 100	
86 63.6	44.4 82.5

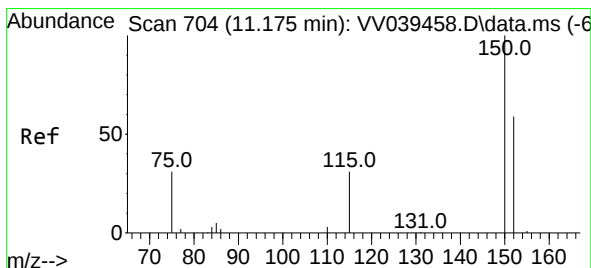
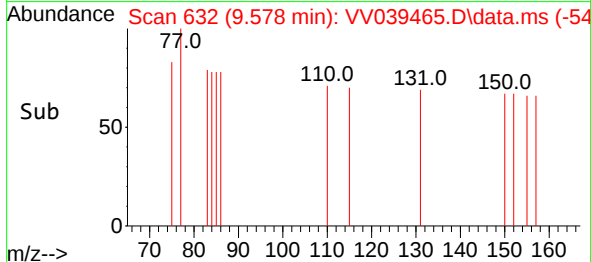
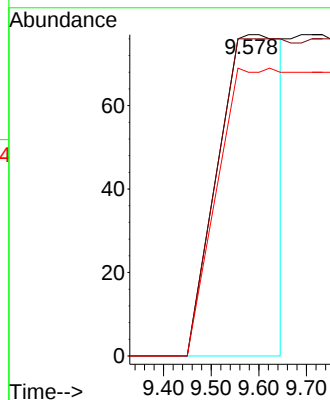
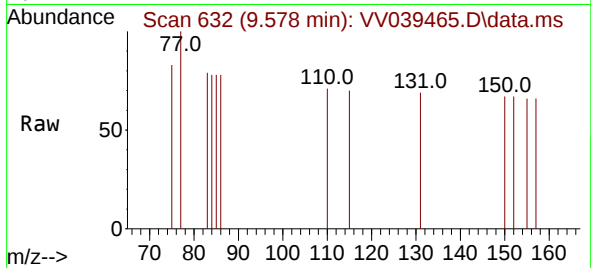




#11
1,1,2,2-Tetrachloroethane
Concen: 0.125 ug/L
RT: 9.578 min Scan# 61
Delta R.T. -0.577 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 804
Ion Ratio Lower Upper
83 100
85 112.8 51.0 76.6#
131 63.6 8.6 12.8#



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039465.D
Acq: 04 Dec 2025 13:03

Tgt Ion: 152 Resp: 3306
Ion Ratio Lower Upper
152 100
115 54.6 0.0 101.6
150 160.6 0.0 396.2

