

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039464.D
 Acq On : 04 Dec 2025 12:42
 Operator : SY/MD
 Sample : Q3756-06
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 05 00:09:33 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)

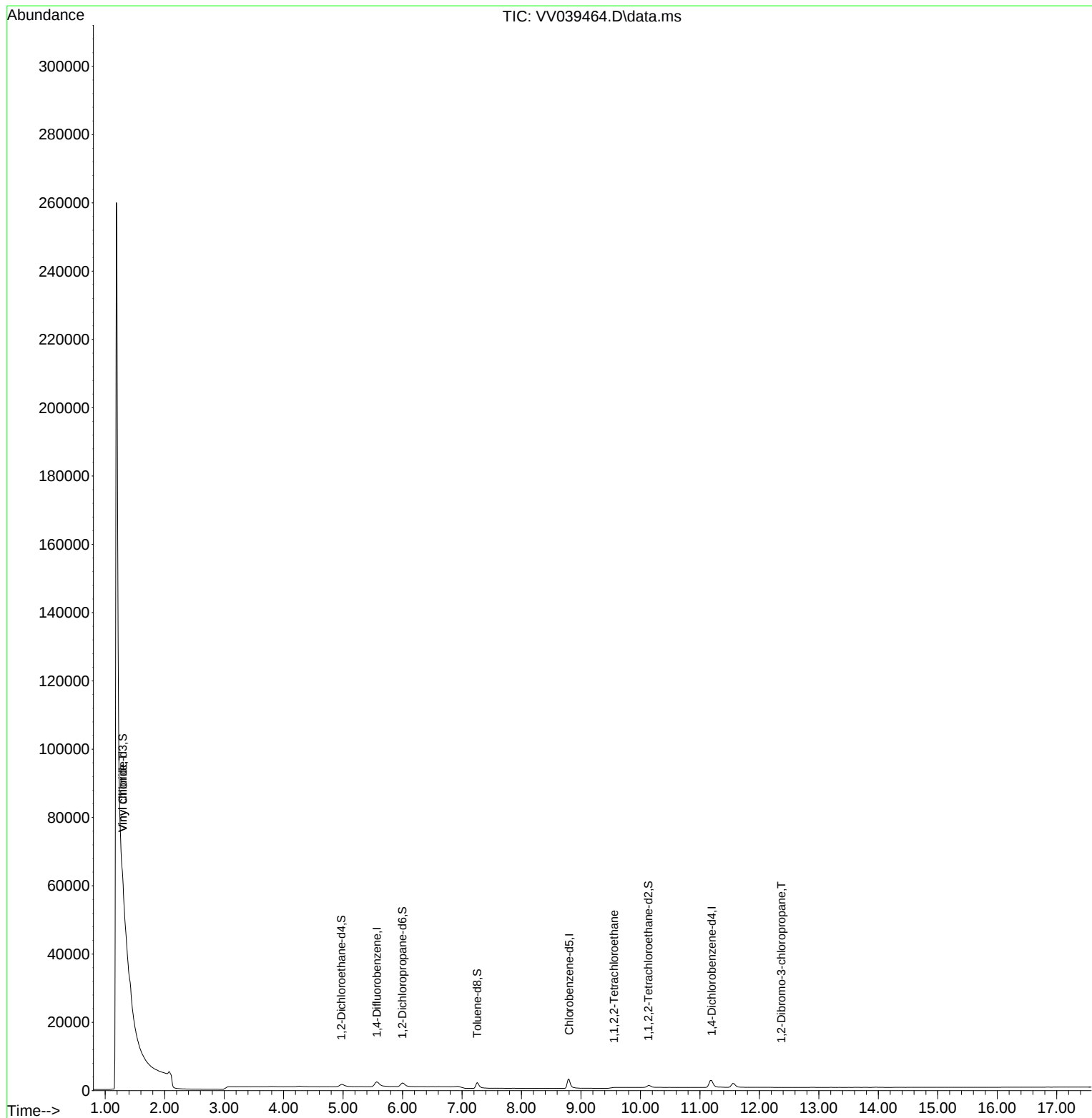
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6286	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	6269	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	3210	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	8022	1.269	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	= 254.000%#	
4) 1,2-Dichloroethane-d4	4.969	65	1917	0.458	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	= 92.000%	
7) 1,2-Dichloropropane-d6	5.995	67	2296	0.434	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	= 86.000%	
8) Toluene-d8	7.253	98	4263	0.478	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	= 96.000%	
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1642	0.551	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	= 110.000%	
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	226	0.017	ug/L #	1
11) 1,1,2,2-Tetrachloroethane	9.556	83	2801	0.445	ug/L #	64
14) 1,2-Dibromo-3-chloropr...	12.373	75	15	0.022	ug/L	96

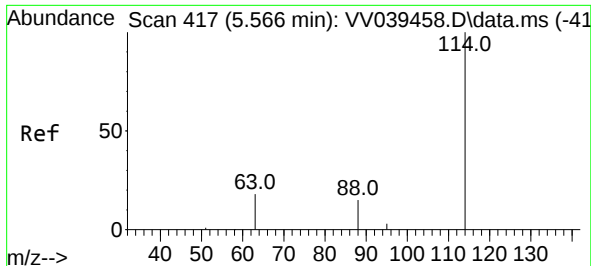
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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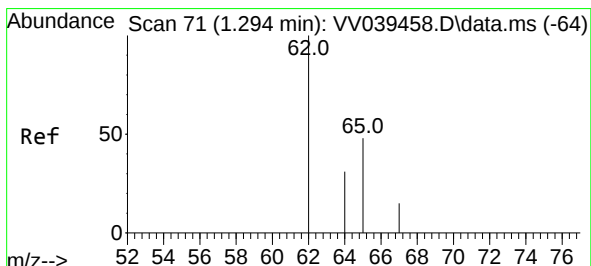
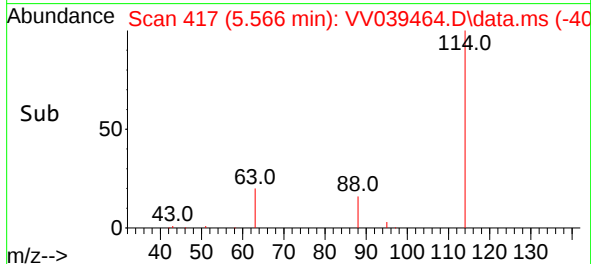
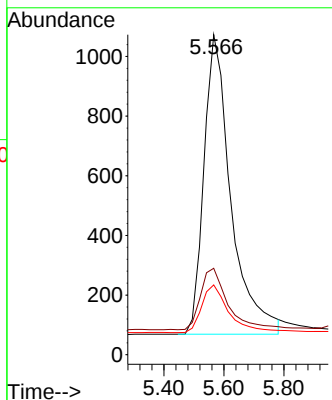
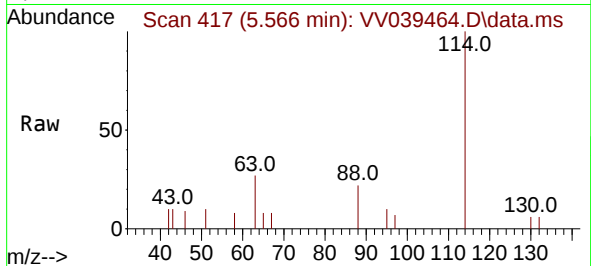




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VV039464.D
 Acq: 04 Dec 2025 12:42

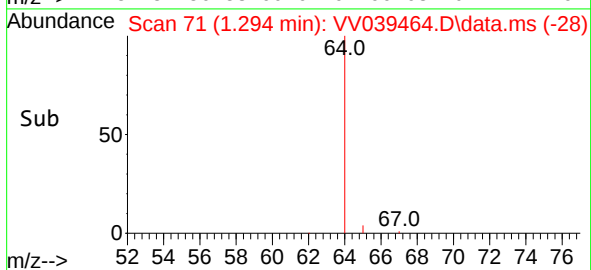
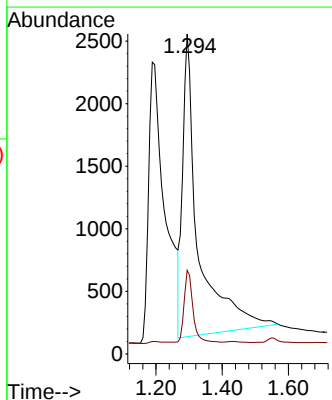
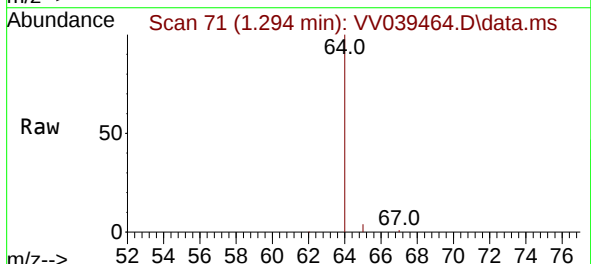
Instrument :
 MSVOA_V
 ClientSampleId :

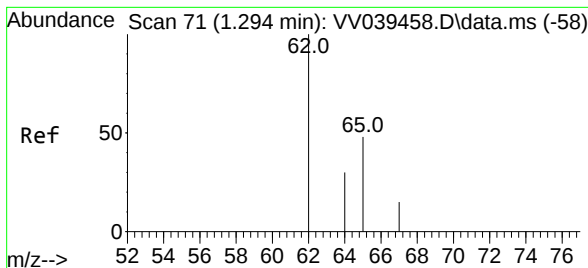
Tgt Ion:	114	Resp:	6286
Ion	Ratio	Lower	Upper
114	100		
63	20.7	15.0	22.4
88	16.0	12.0	18.0



#2
 Vinyl Chloride-d3
 Concen: 1.269 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039464.D
 Acq: 04 Dec 2025 12:42

Tgt Ion:	65	Resp:	8022
Ion	Ratio	Lower	Upper
65	100		
67	13.3	22.3	41.5#





#3

Vinyl chloride

Concen: 0.017 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039464.D

Acq: 04 Dec 2025 12:42

Instrument :

MSVOA_V

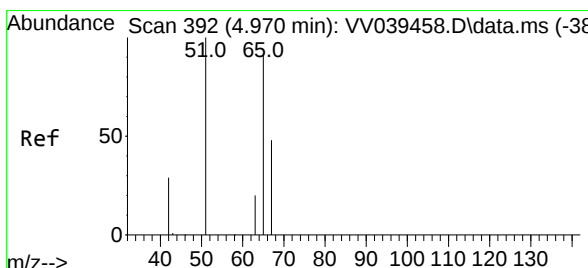
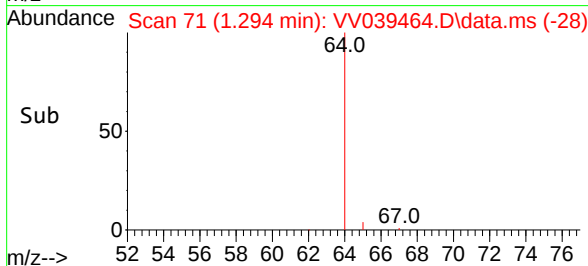
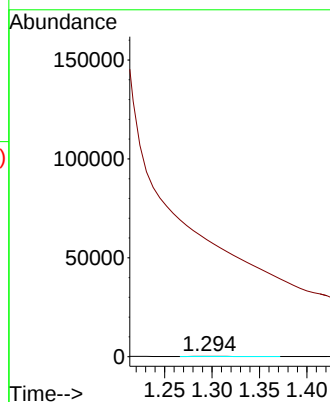
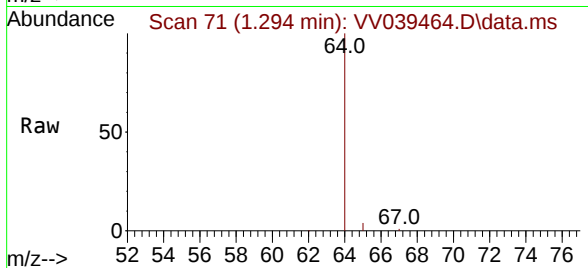
ClientSampleId :

Tgt Ion: 62 Resp: 226

Ion Ratio Lower Upper

62 100

64 34046.0 24.8 46.0#



#4

1,2-Dichloroethane-d4

Concen: 0.458 ug/L

RT: 4.969 min Scan# 392

Delta R.T. 0.000 min

Lab File: VV039464.D

Acq: 04 Dec 2025 12:42

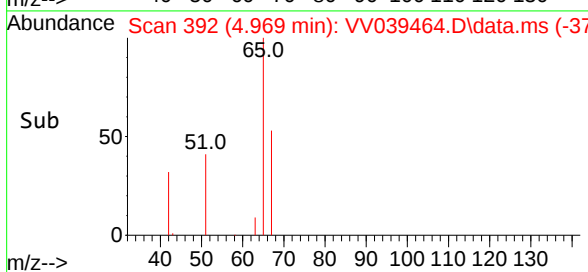
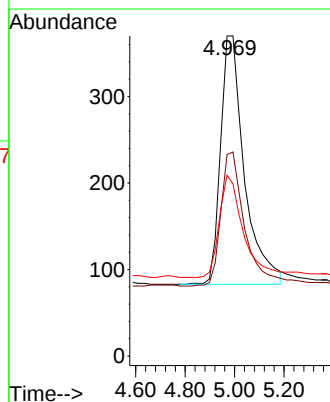
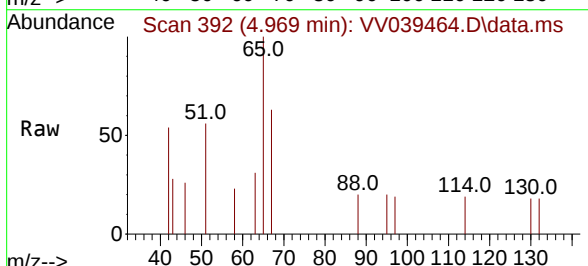
Tgt Ion: 65 Resp: 1917

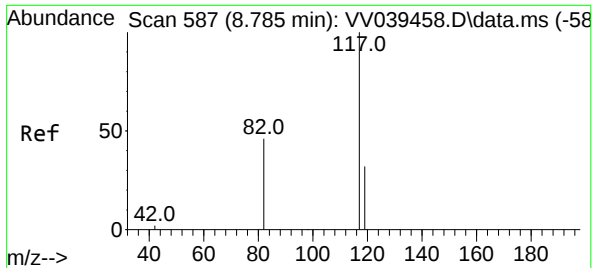
Ion Ratio Lower Upper

65 100

67 53.7 32.5 60.3

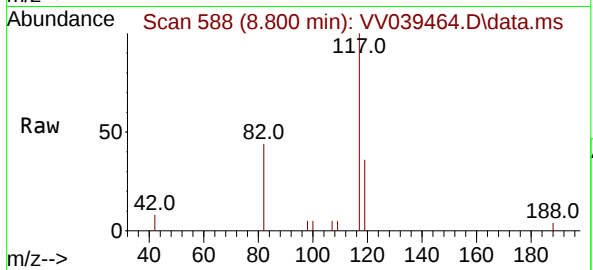
51 41.0 121.4 225.6#



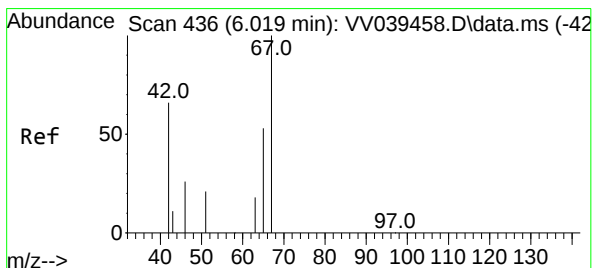
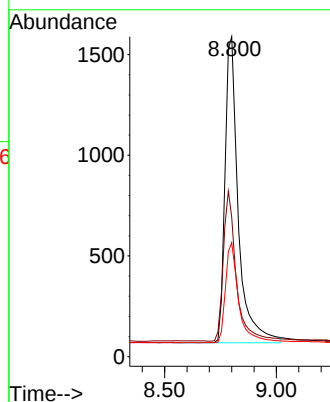
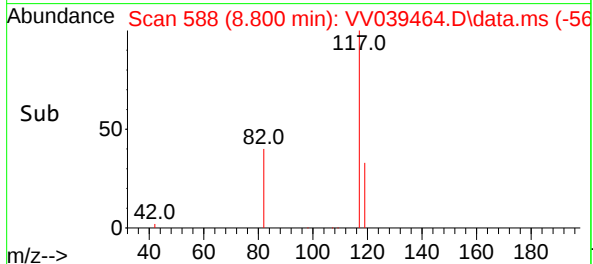


#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. 0.015 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

Instrument :
MSVOA_V
ClientSampleId :

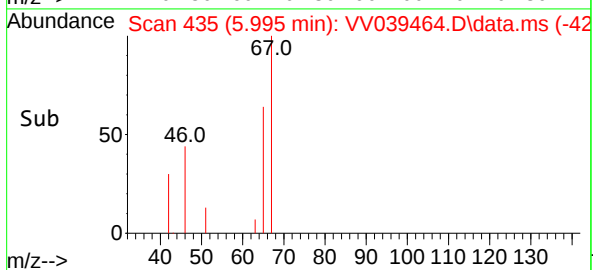
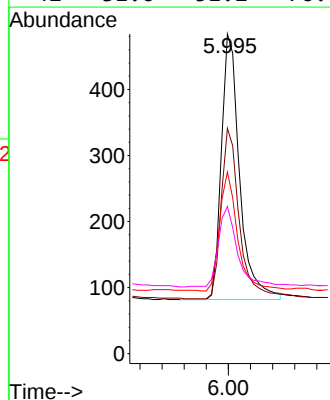
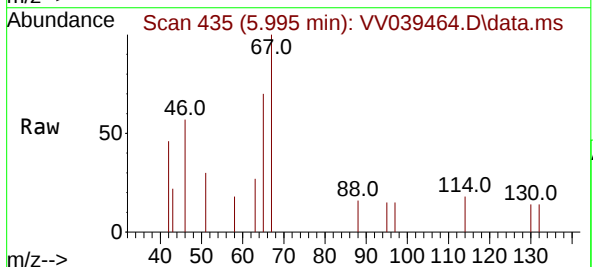


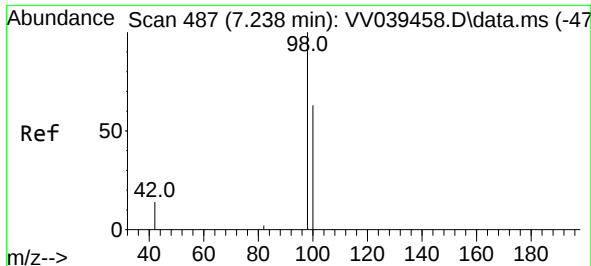
Tgt Ion:	117	Resp:	6269
Ion	Ratio	Lower	Upper
117	100		
82	47.9	39.4	59.2
119	32.6	26.2	39.2



#7
1,2-Dichloropropane-d6
Concen: 0.434 ug/L
RT: 5.995 min Scan# 435
Delta R.T. -0.024 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

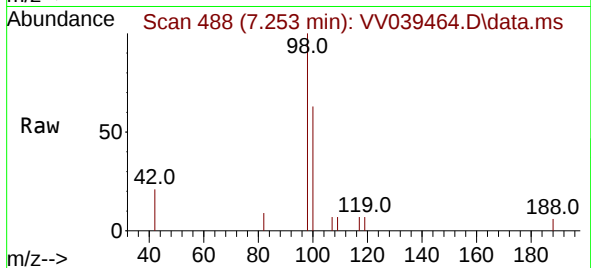
Tgt Ion:	67	Resp:	2296
Ion	Ratio	Lower	Upper
67	100		
65	64.3	37.9	56.9#
46	44.3	27.4	41.0#
42	31.6	51.2	76.8#



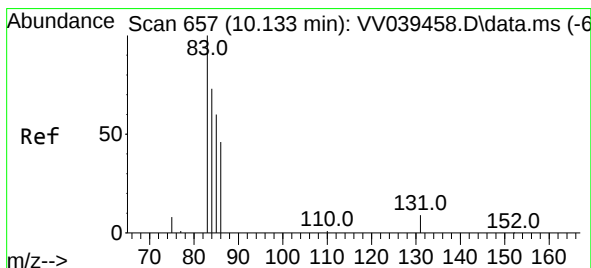
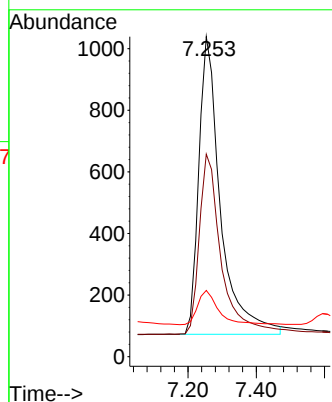
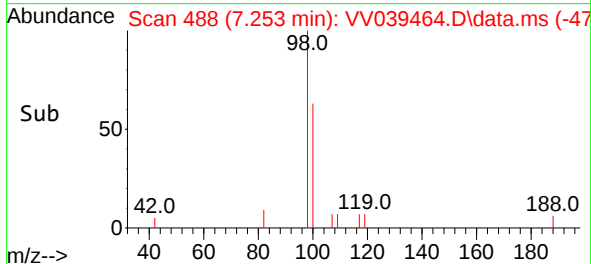


#8
Toluene-d8
Concen: 0.478 ug/L
RT: 7.253 min Scan# 41
Delta R.T. 0.015 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

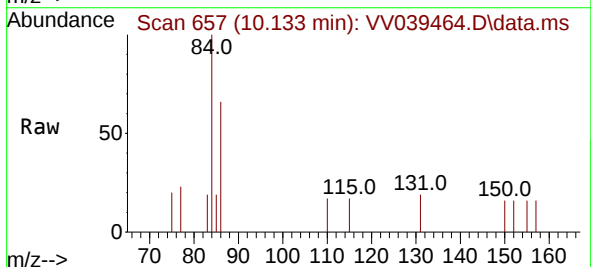
Instrument :
MSVOA_V
ClientSampleId :



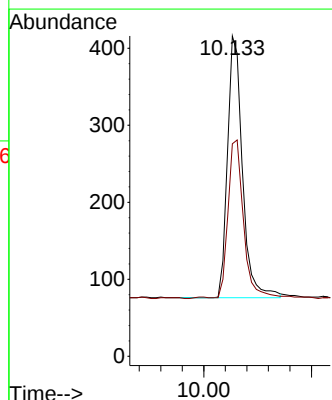
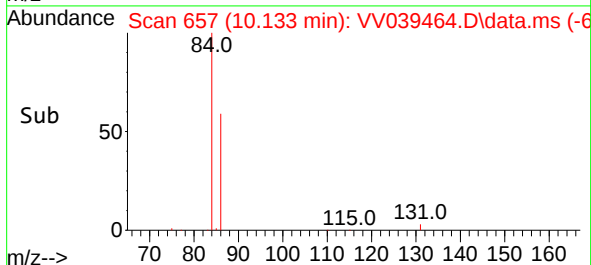
Tgt Ion: 98 Resp: 4263
Ion Ratio Lower Upper
98 100
100 61.0 44.5 82.7
42 11.1 10.1 18.7

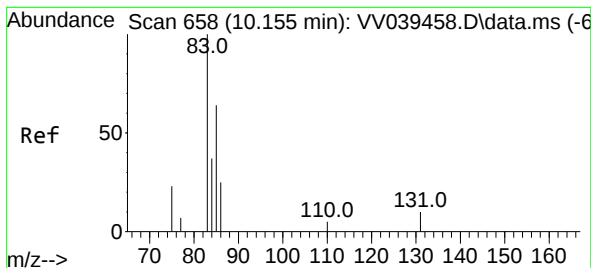


#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.551 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42



Tgt Ion: 84 Resp: 1642
Ion Ratio Lower Upper
84 100
86 61.8 44.4 82.5

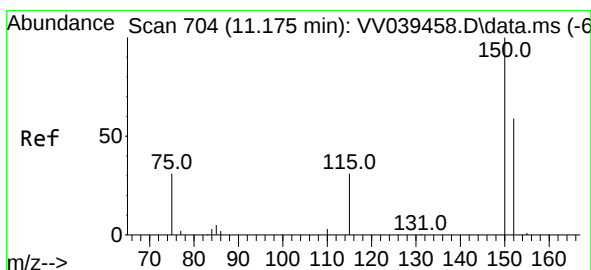
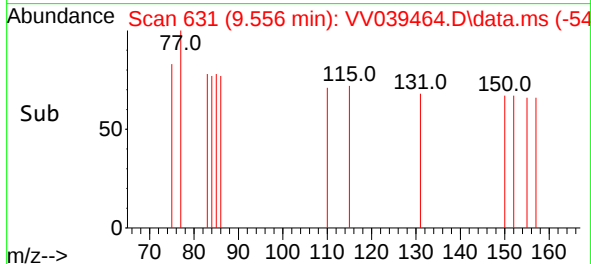
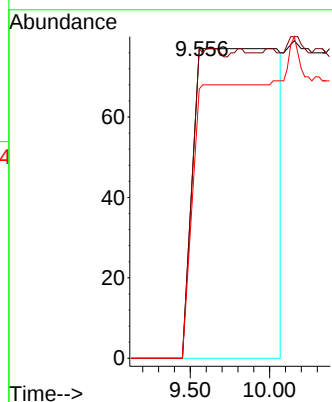
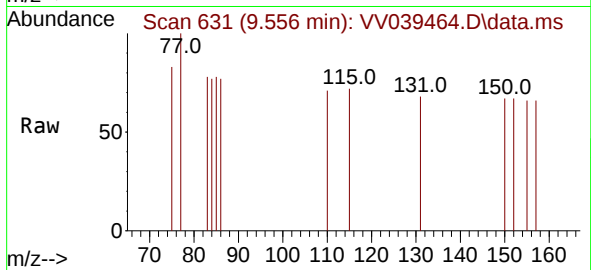




#11
1,1,2,2-Tetrachloroethane
Concen: 0.445 ug/L
RT: 9.556 min Scan# 611
Delta R.T. -0.599 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

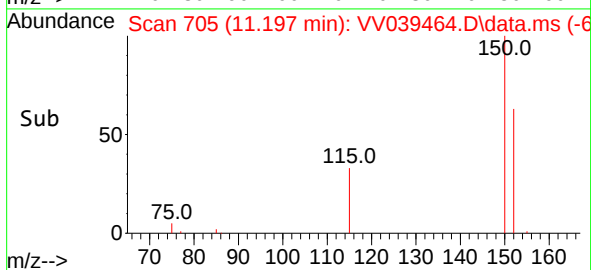
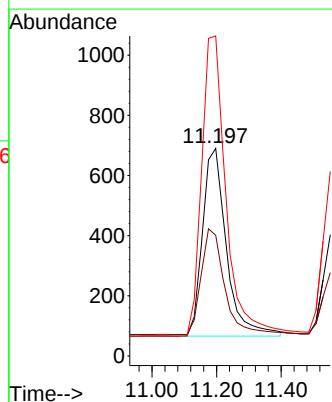
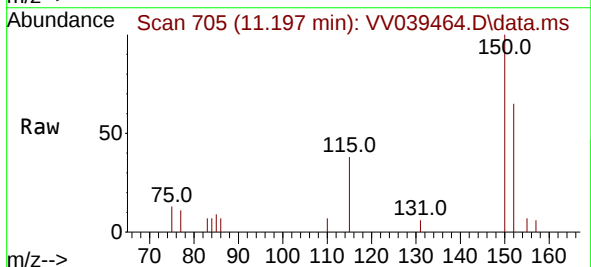
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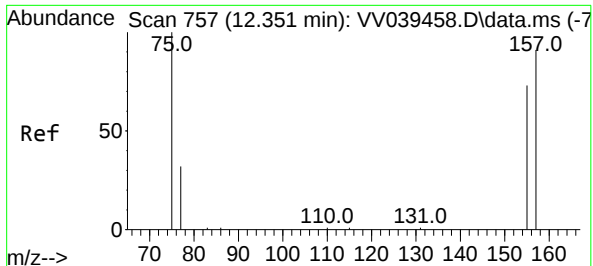
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Ion Ratio Lower Upper
83 100
85 40.3 51.0 76.6#
131 36.8 8.6 12.8#



#12
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.197 min Scan# 705
Delta R.T. 0.022 min
Lab File: VV039464.D
Acq: 04 Dec 2025 12:42

Tgt Ion: 152 Resp: 3210
Ion Ratio Lower Upper
152 100
115 54.8 0.0 101.6
150 162.2 0.0 396.2





#14

1,2-Dibromo-3-chloropropane

Concen: 0.022 ug/L

RT: 12.373 min Scan# 75

Delta R.T. 0.022 min

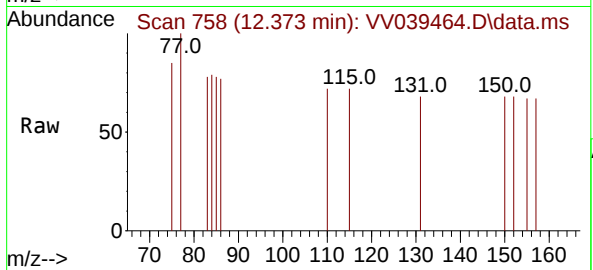
Lab File: VV039464.D

Acq: 04 Dec 2025 12:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 15

Ion Ratio Lower Upper

75 100

157 79.5 67.8 101.6

155 79.5 61.9 92.9

