

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039467.D
 Acq On : 04 Dec 2025 14:01
 Operator : SY/MD
 Sample : Q3756-04DL 20X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 05 00:10:05 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)

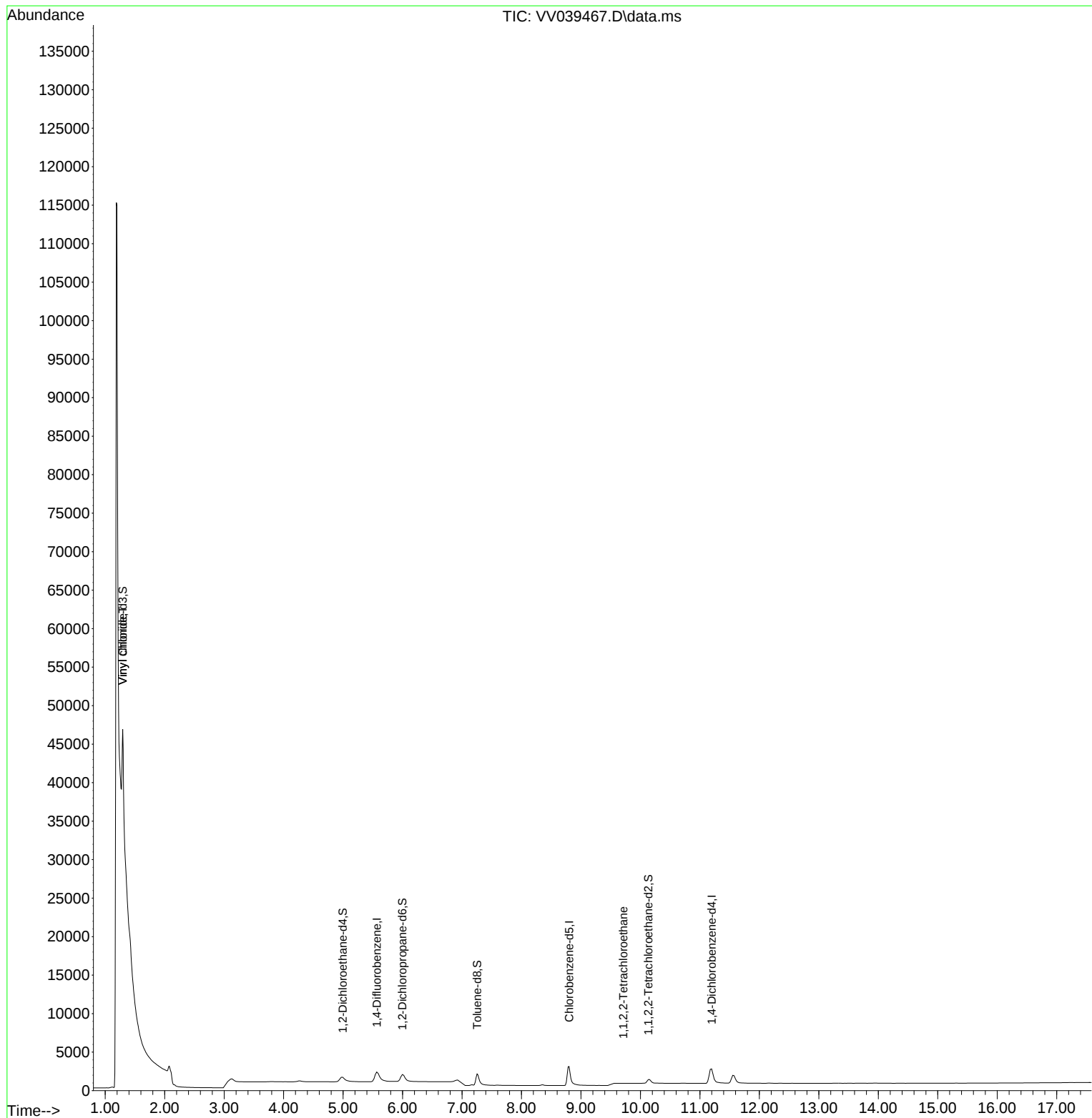
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5676	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	5791	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.197	152	2925	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	5880	1.030	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	206.000%#
4) 1,2-Dichloroethane-d4	4.993	65	1757	0.465	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	5.995	67	2049	0.419	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.253	98	3824	0.464	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1485	0.539	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.000%
Target Compounds						
						Qvalue
3) Vinyl chloride	1.294	62	12772	1.040	ug/L #	1
11) 1,1,2,2-Tetrachloroethane	9.711	83	2263	0.390	ug/L #	56

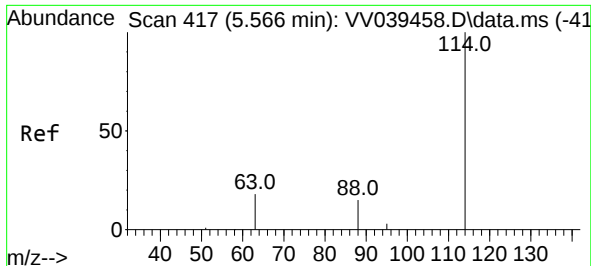
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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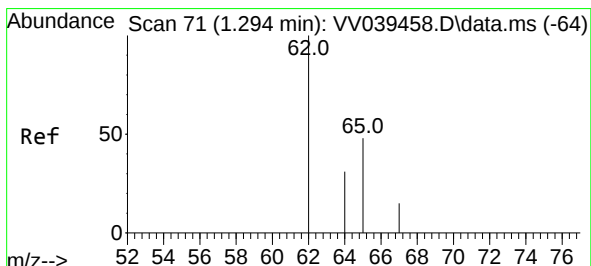
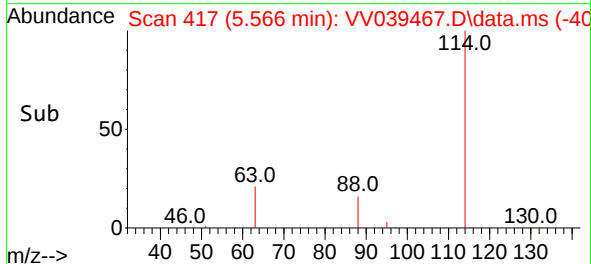
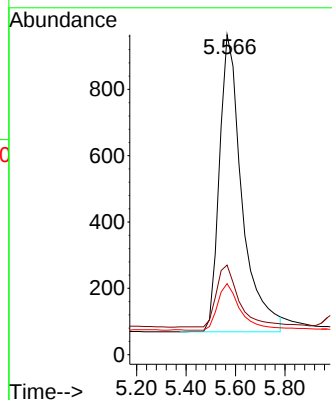
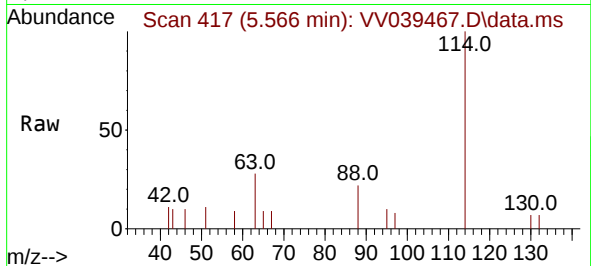




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VV039467.D
 Acq: 04 Dec 2025 14:01

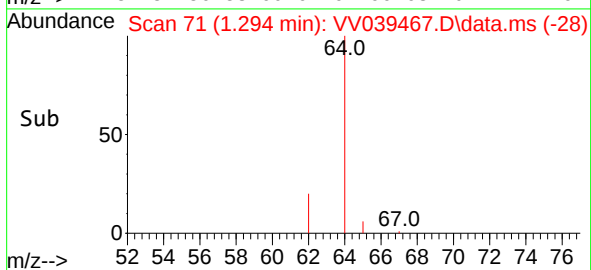
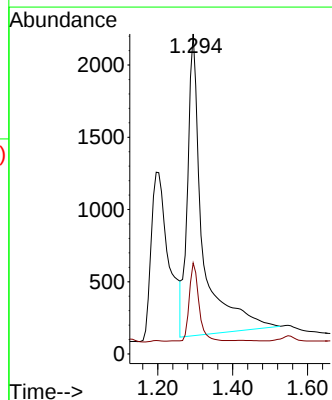
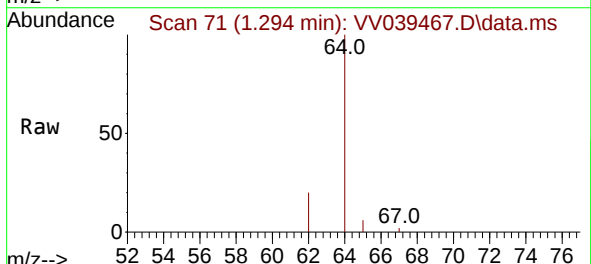
Instrument :
 MSVOA_V
 ClientSampleId :

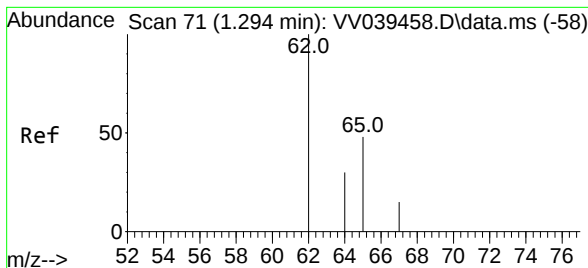
Tgt Ion:114 Resp: 5676
 Ion Ratio Lower Upper
 114 100
 63 20.7 15.0 22.4
 88 15.7 12.0 18.0



#2
 Vinyl Chloride-d3
 Concen: 1.030 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039467.D
 Acq: 04 Dec 2025 14:01

Tgt Ion: 65 Resp: 5880
 Ion Ratio Lower Upper
 65 100
 67 16.6 22.3 41.5#





#3

Vinyl chloride

Concen: 1.040 ug/L

RT: 1.294 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV039467.D

Acq: 04 Dec 2025 14:01

Instrument :

MSVOA_V

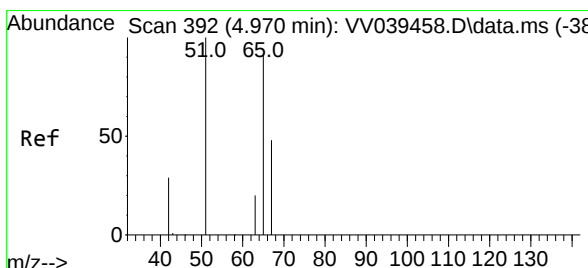
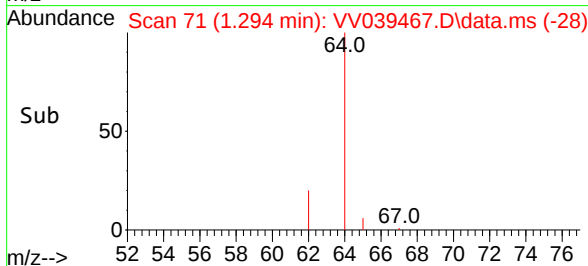
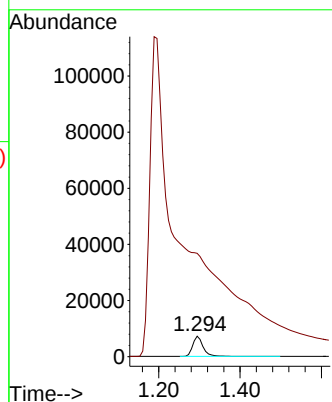
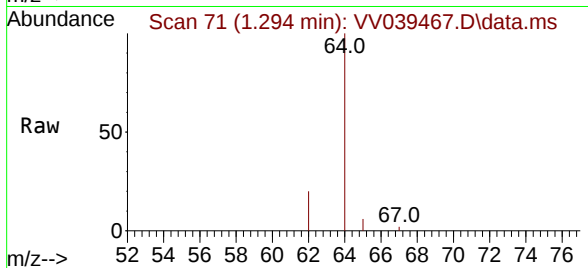
ClientSampleId :

Tgt Ion: 62 Resp: 12772

Ion Ratio Lower Upper

62 100

64 505.4 24.8 46.0#



#4

1,2-Dichloroethane-d4

Concen: 0.465 ug/L

RT: 4.993 min Scan# 393

Delta R.T. 0.024 min

Lab File: VV039467.D

Acq: 04 Dec 2025 14:01

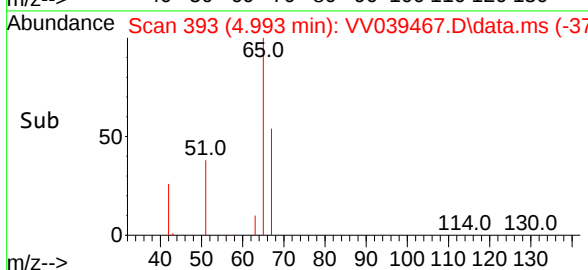
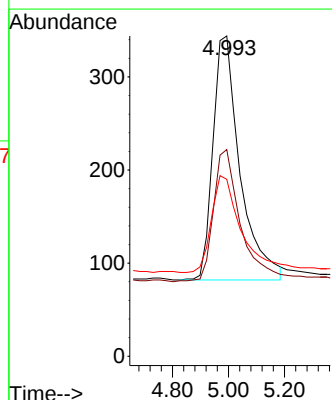
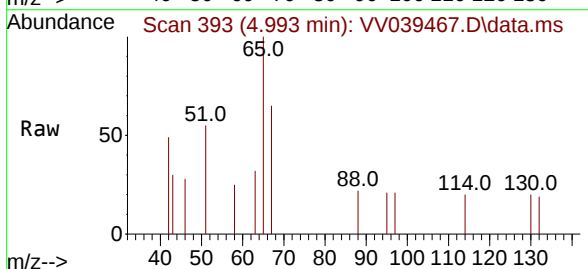
Tgt Ion: 65 Resp: 1757

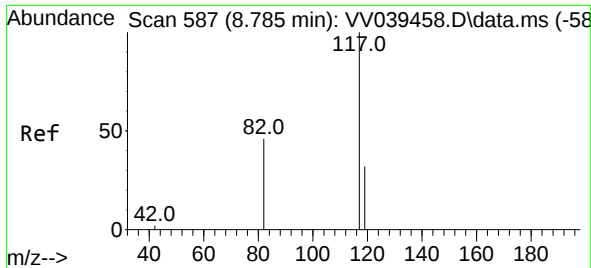
Ion Ratio Lower Upper

65 100

67 54.4 32.5 60.3

51 43.3 121.4 225.6#

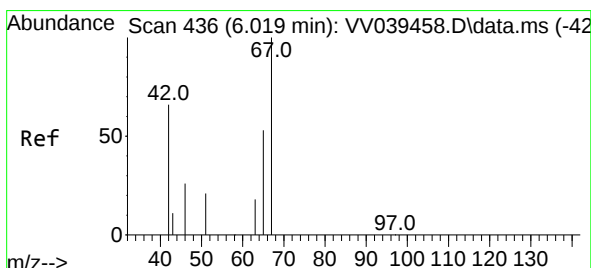
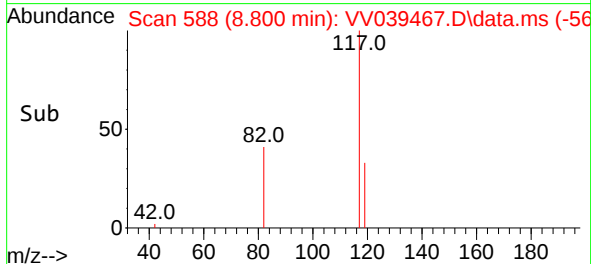
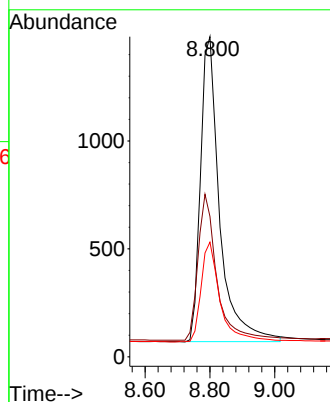
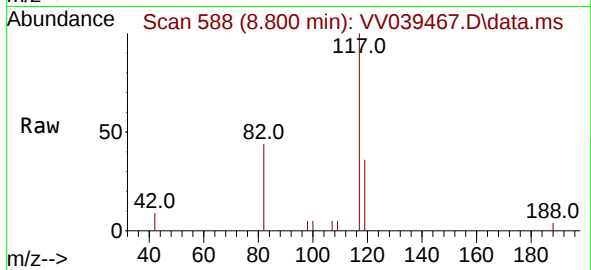




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 51
Delta R.T. 0.015 min
Lab File: VV039467.D
Acq: 04 Dec 2025 14:01

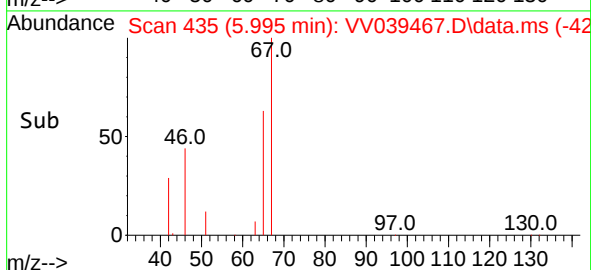
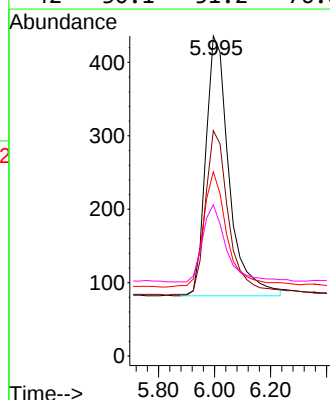
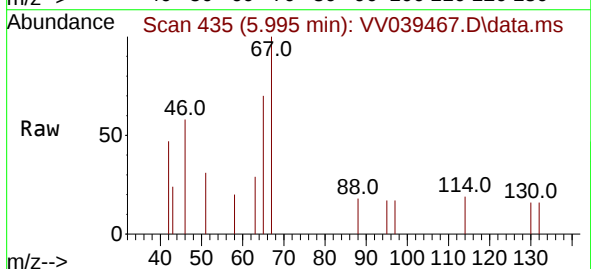
Instrument :
MSVOA_V
ClientSampleId :

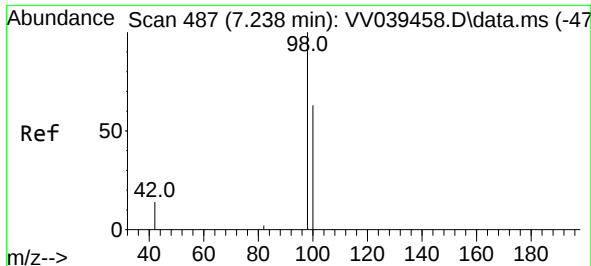
Tgt Ion:	117	Resp:	5791
Ion	Ratio	Lower	Upper
117	100		
82	47.2	39.4	59.2
119	32.6	26.2	39.2



#7
1,2-Dichloropropane-d6
Concen: 0.419 ug/L
RT: 5.995 min Scan# 435
Delta R.T. -0.024 min
Lab File: VV039467.D
Acq: 04 Dec 2025 14:01

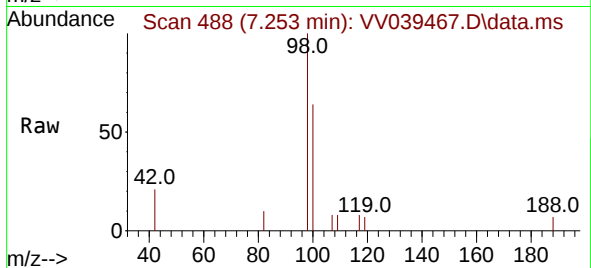
Tgt Ion:	67	Resp:	2049
Ion	Ratio	Lower	Upper
67	100		
65	64.0	37.9	56.9#
46	44.9	27.4	41.0#
42	30.1	51.2	76.8#



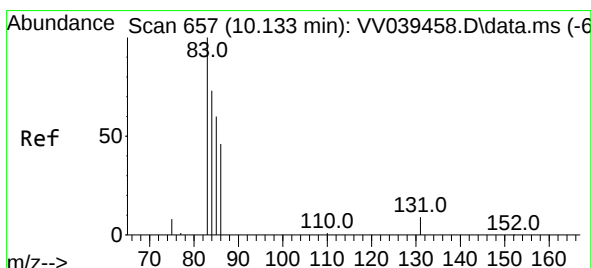
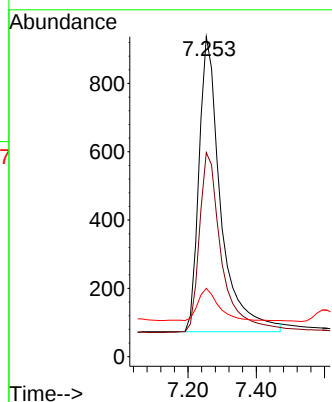
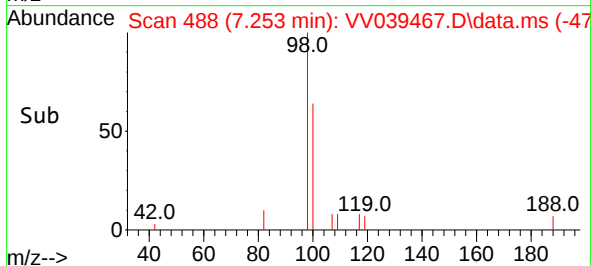


#8
Toluene-d8
Concen: 0.464 ug/L
RT: 7.253 min Scan# 488
Delta R.T. 0.015 min
Lab File: VV039467.D
Acq: 04 Dec 2025 14:01

Instrument :
MSVOA_V
ClientSampleId :

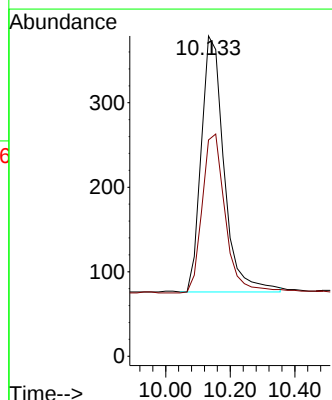
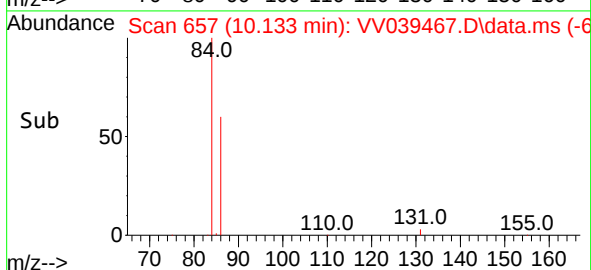
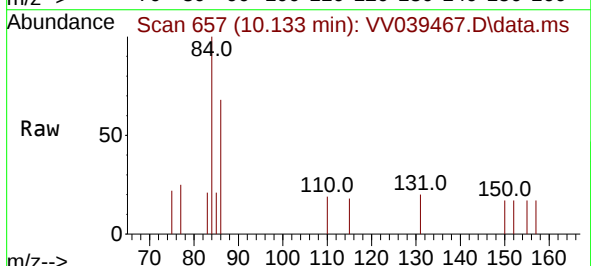


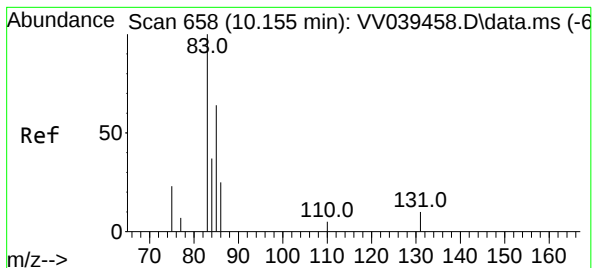
Tgt Ion: 98 Resp: 3824
Ion Ratio Lower Upper
98 100
100 61.9 44.5 82.7
42 10.1 10.1 18.7



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.539 ug/L
RT: 10.133 min Scan# 657
Delta R.T. -0.000 min
Lab File: VV039467.D
Acq: 04 Dec 2025 14:01

Tgt Ion: 84 Resp: 1485
Ion Ratio Lower Upper
84 100
86 62.8 44.4 82.5





#11

1,1,2,2-Tetrachloroethane

Concen: 0.390 ug/L

RT: 9.711 min Scan# 61

Delta R.T. -0.444 min

Lab File: VV039467.D

Acq: 04 Dec 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

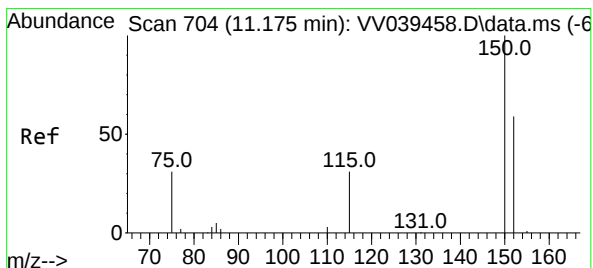
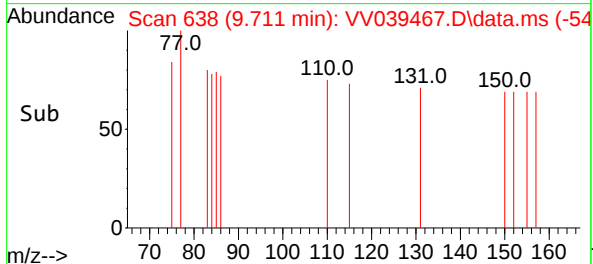
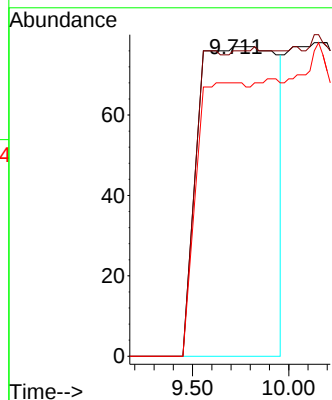
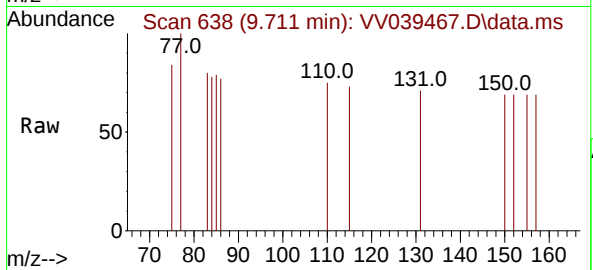
Tgt Ion: 83 Resp: 2263

Ion Ratio Lower Upper

83 100

85 40.0 51.0 76.6#

131 56.5 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: VV039467.D

Acq: 04 Dec 2025 14:01

Tgt Ion: 152 Resp: 2925

Ion Ratio Lower Upper

152 100

115 56.1 0.0 101.6

150 160.5 0.0 396.2

