

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120425\
 Data File : VV039460.D
 Acq On : 04 Dec 2025 11:17
 Operator : SY/MD
 Sample : Q3756-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 05 00:08:49 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)

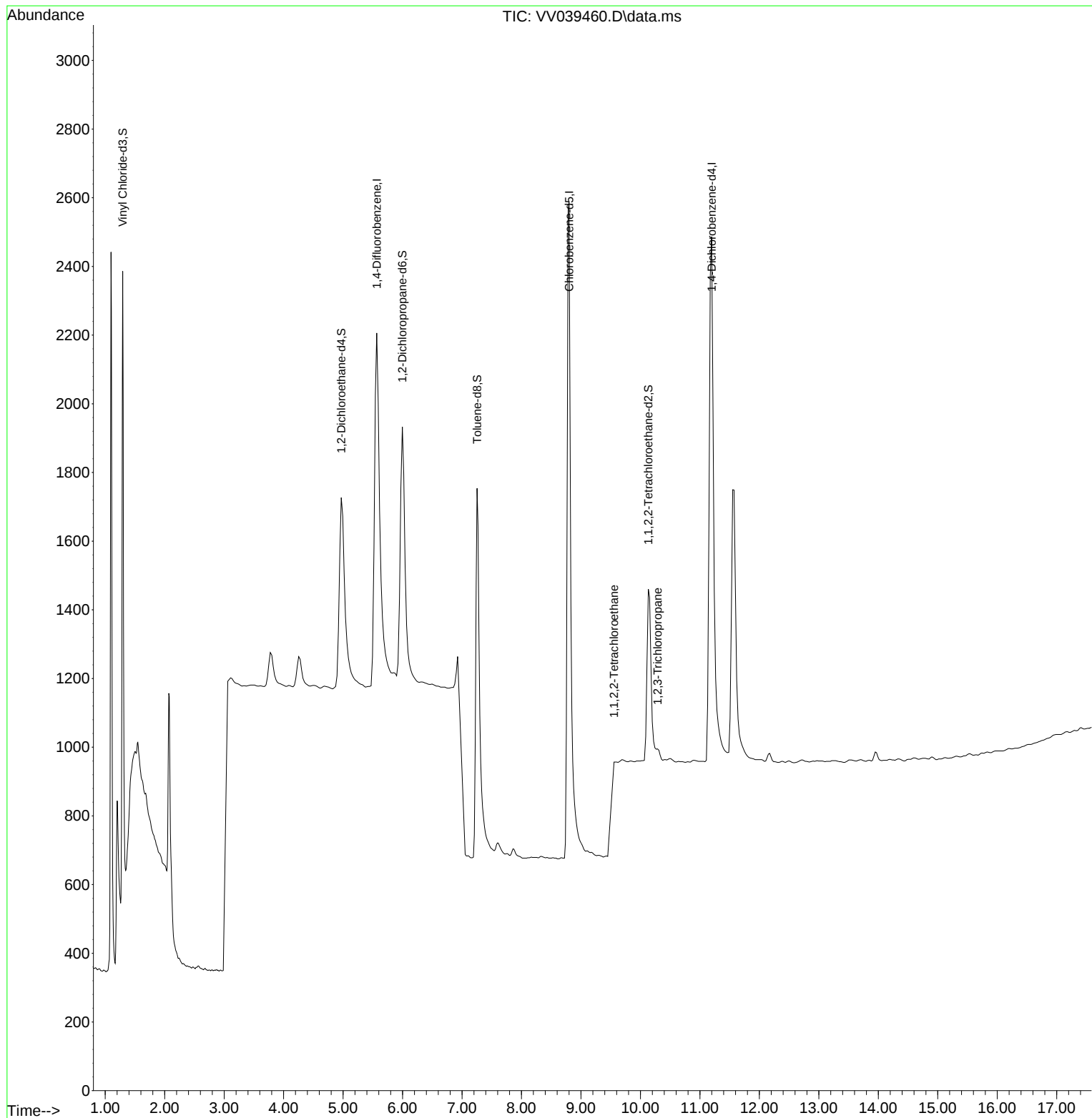
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	4732	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	4614	0.500	ug/L	0.02
12) 1,4-Dichlorobenzene-d4	11.198	152	2431	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	2493	0.524	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	104.000%
4) 1,2-Dichloroethane-d4	4.970	65	1641	0.521	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	104.000%
7) 1,2-Dichloropropane-d6	5.996	67	1619	0.416	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	84.000%
8) Toluene-d8	7.254	98	2917	0.444	ug/L	0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.000%
10) 1,1,2,2-Tetrachloroeth...	10.133	84	1470	0.670	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	134.000%#
Target Compounds						
					Qvalue	
11) 1,1,2,2-Tetrachloroethane	9.556	83	399	0.086	ug/L #	1
13) 1,2,3-Trichloropropane	10.288	75	39	0.015	ug/L #	68

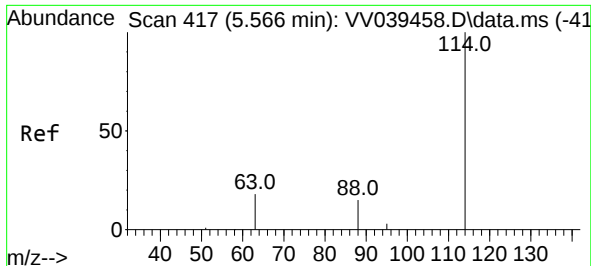
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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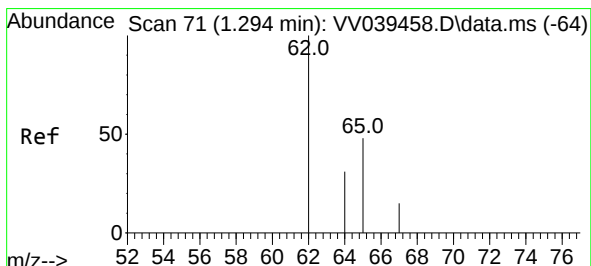
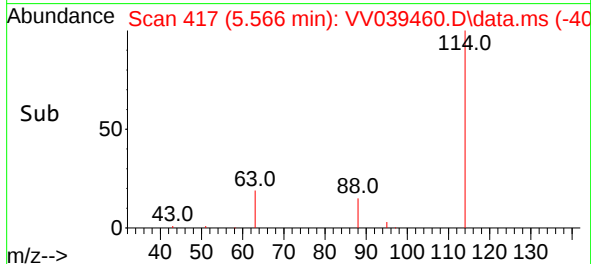
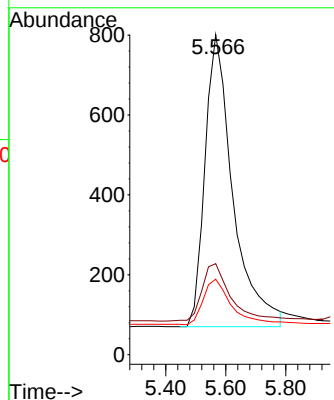
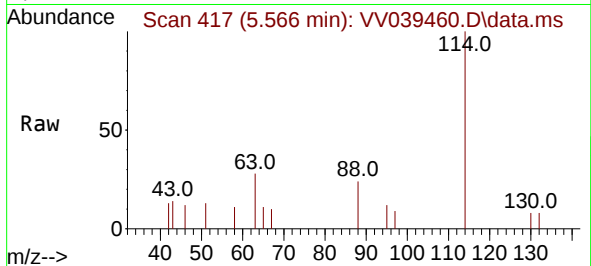




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

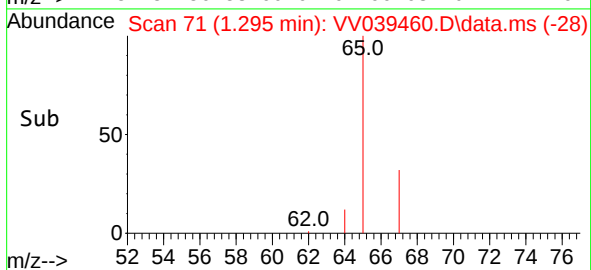
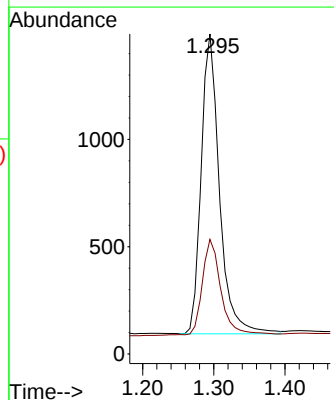
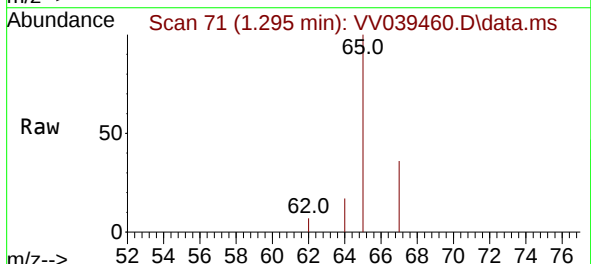
Instrument :
MSVOA_V
ClientSampleId :

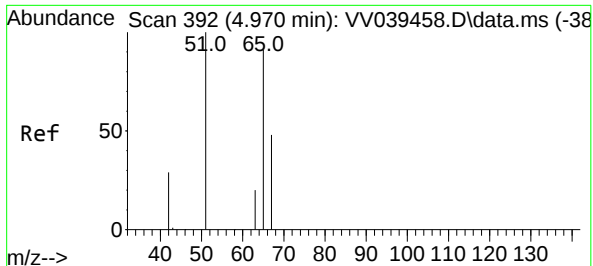
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	15.0	22.4
88	15.1	12.0	18.0



#2
Vinyl Chloride-d3
Concen: 0.524 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

Tgt Ion	Ratio	Lower	Upper
65	100		
67	33.9	22.3	41.5

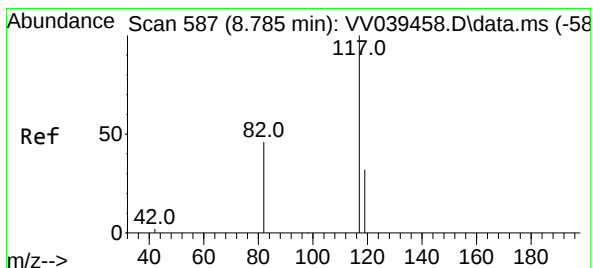
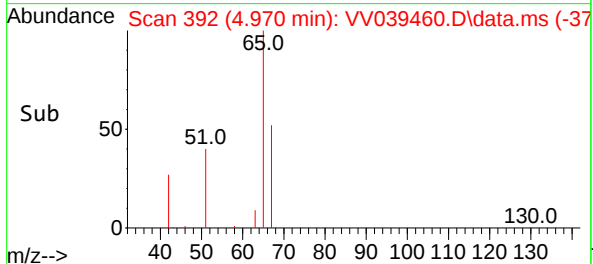
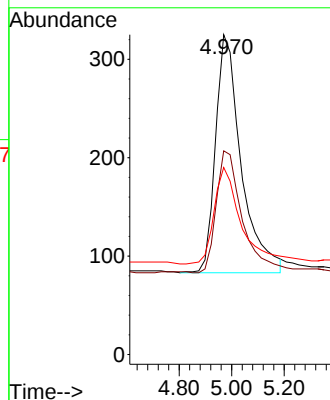
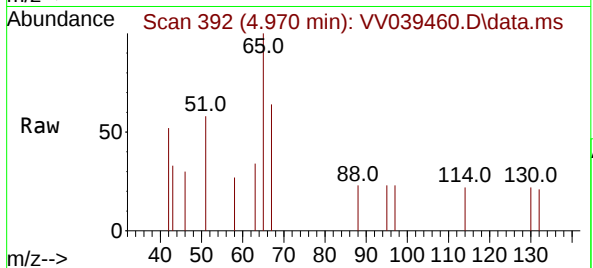




#4
1,2-Dichloroethane-d4
Concen: 0.521 ug/L
RT: 4.970 min Scan# 392
Delta R.T. 0.001 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

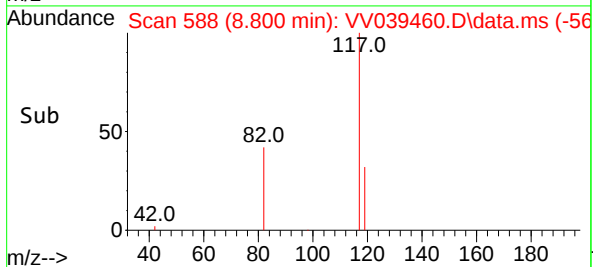
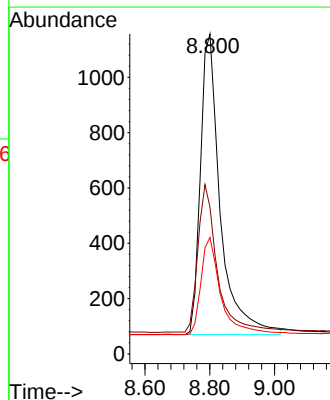
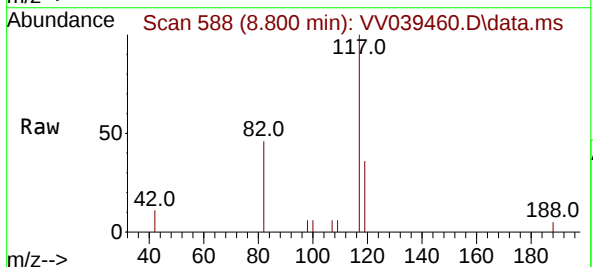
Instrument :
MSVOA_V
ClientSampleId :

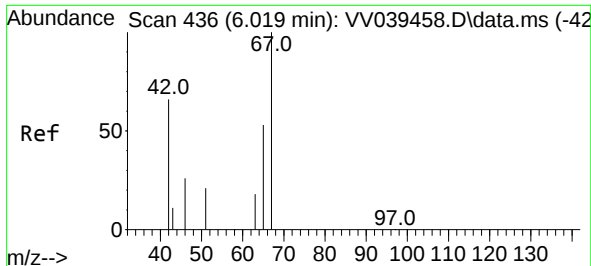
Tgt Ion: 65 Resp: 1641
Ion Ratio Lower Upper
65 100
67 51.7 32.5 60.3
51 41.9 121.4 225.6#



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.800 min Scan# 588
Delta R.T. 0.016 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

Tgt Ion: 117 Resp: 4614
Ion Ratio Lower Upper
117 100
82 48.3 39.4 59.2
119 32.3 26.2 39.2

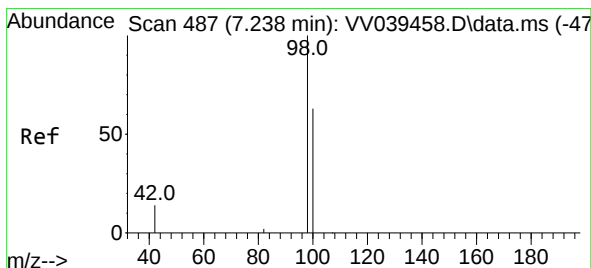
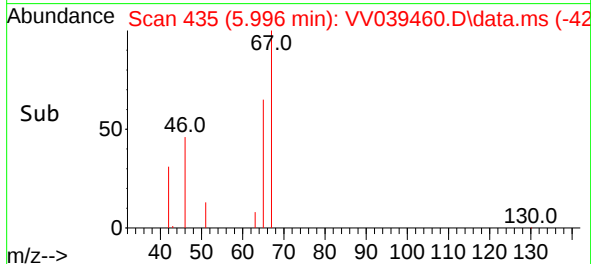
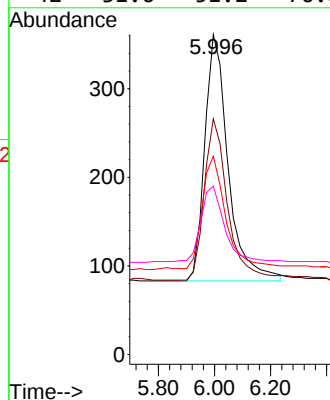
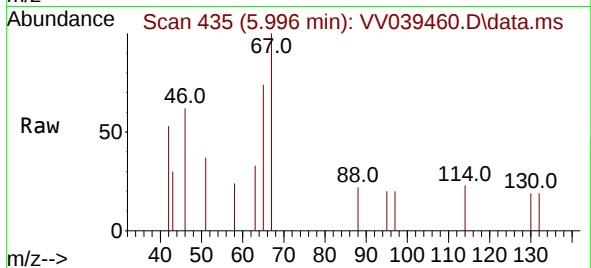




#7
1,2-Dichloropropane-d6
Concen: 0.416 ug/L
RT: 5.996 min Scan# 41
Delta R.T. -0.023 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

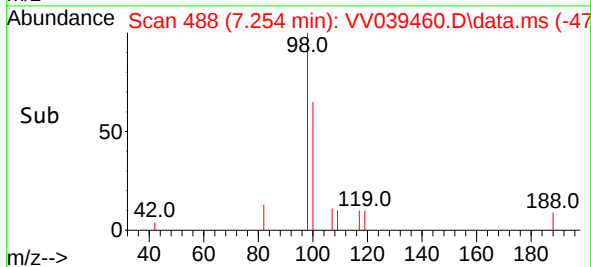
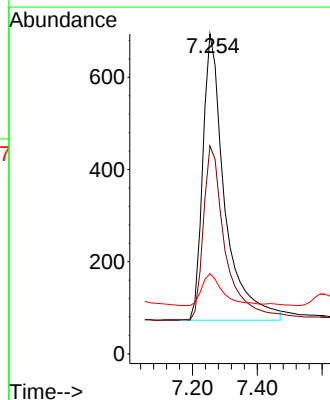
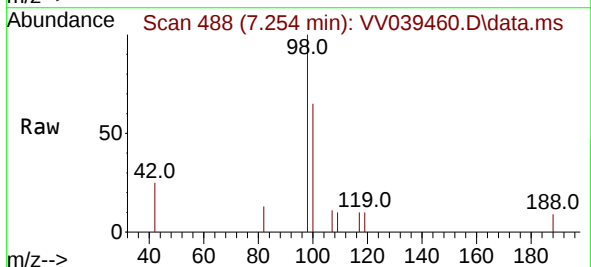
Instrument :
MSVOA_V
ClientSampleId :

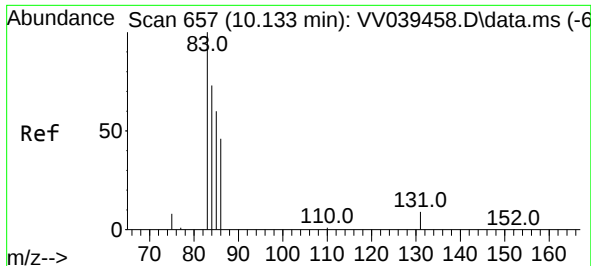
Tgt Ion:	67	Resp:	1619
Ion	Ratio	Lower	Upper
67	100		
65	64.8	37.9	56.9#
46	46.0	27.4	41.0#
42	31.6	51.2	76.8#



#8
Toluene-d8
Concen: 0.444 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.016 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

Tgt Ion:	98	Resp:	2917
Ion	Ratio	Lower	Upper
98	100		
100	61.2	44.5	82.7
42	10.6	10.1	18.7

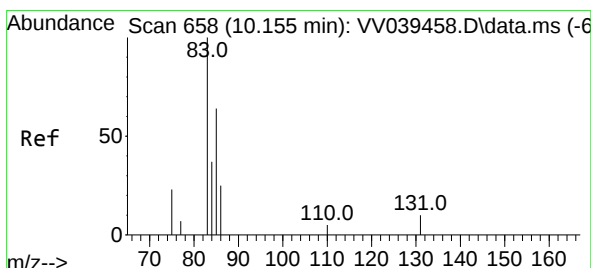
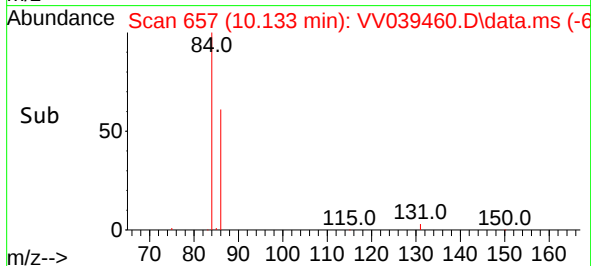
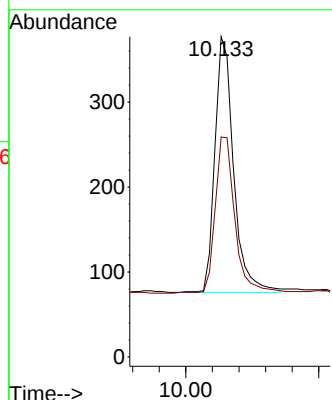
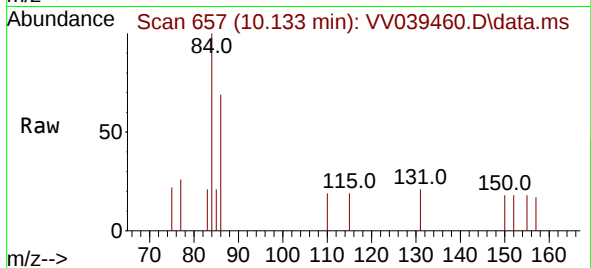




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.670 ug/L
RT: 10.133 min Scan# 610
Delta R.T. -0.000 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

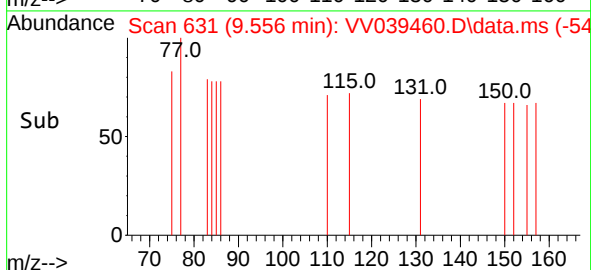
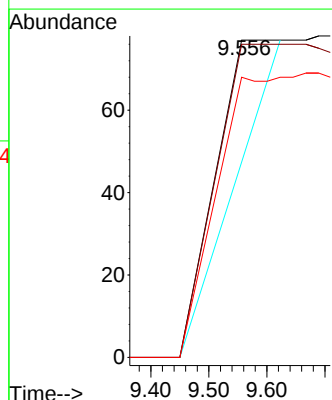
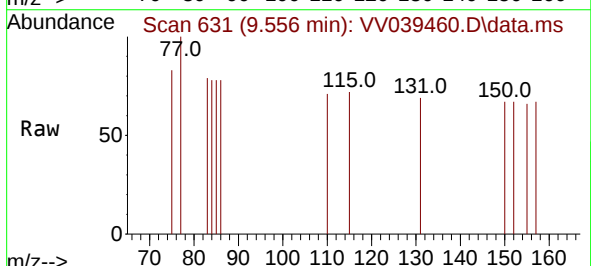
Instrument :
MSVOA_V
ClientSampleId :

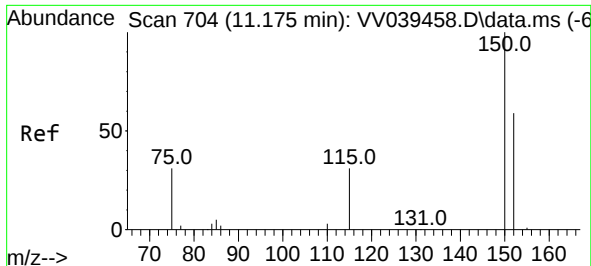
Tgt Ion: 84 Resp: 1470
Ion Ratio Lower Upper
84 100
86 64.4 44.4 82.5



#11
1,1,2,2-Tetrachloroethane
Concen: 0.086 ug/L
RT: 9.556 min Scan# 631
Delta R.T. -0.599 min
Lab File: VV039460.D
Acq: 04 Dec 2025 11:17

Tgt Ion: 83 Resp: 399
Ion Ratio Lower Upper
83 100
85 280.5 51.0 76.6#
131 506.5 8.6 12.8#





#12

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.198 min Scan# 704

Delta R.T. 0.023 min

Lab File: VV039460.D

Acq: 04 Dec 2025 11:17

Instrument :

MSVOA_V

ClientSampleId :

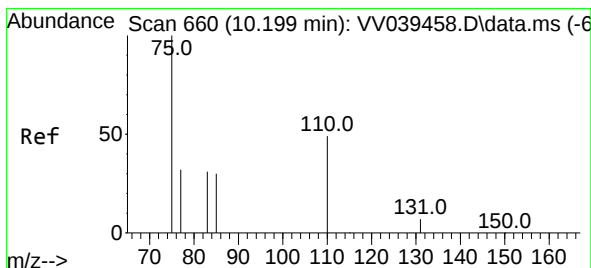
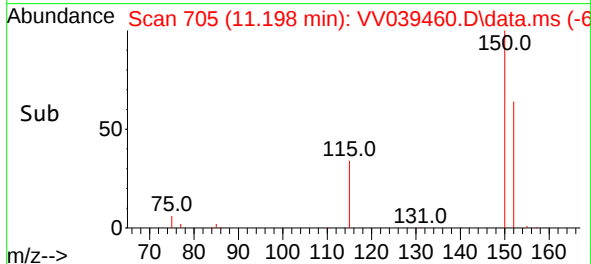
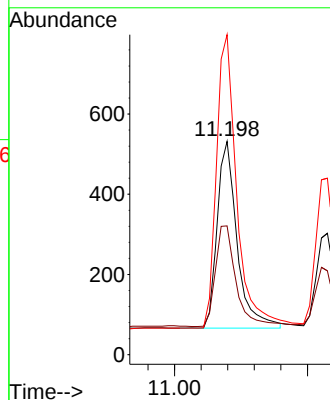
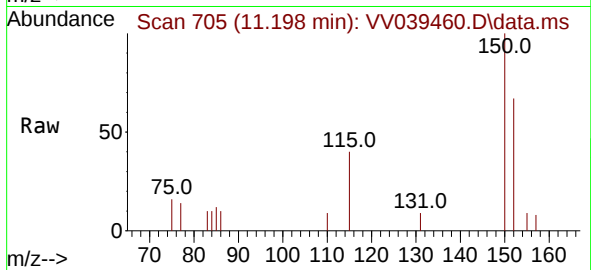
Tgt Ion:152 Resp: 2431

Ion Ratio Lower Upper

152 100

115 55.6 0.0 101.6

150 158.9 0.0 396.2



#13

1,2,3-Trichloropropane

Concen: 0.015 ug/L

RT: 10.288 min Scan# 664

Delta R.T. 0.089 min

Lab File: VV039460.D

Acq: 04 Dec 2025 11:17

Tgt Ion: 75 Resp: 39

Ion Ratio Lower Upper

75 100

110 79.5 37.8 56.6#

77 35.9 25.6 38.4

