

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062325\
 Data File : VV038819.D
 Acq On : 23 Jun 2025 09:23
 Operator : SY/MD
 Sample : VV0623WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK229

Quant Time: Jun 24 01:40:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM061625.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 21 03:37:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

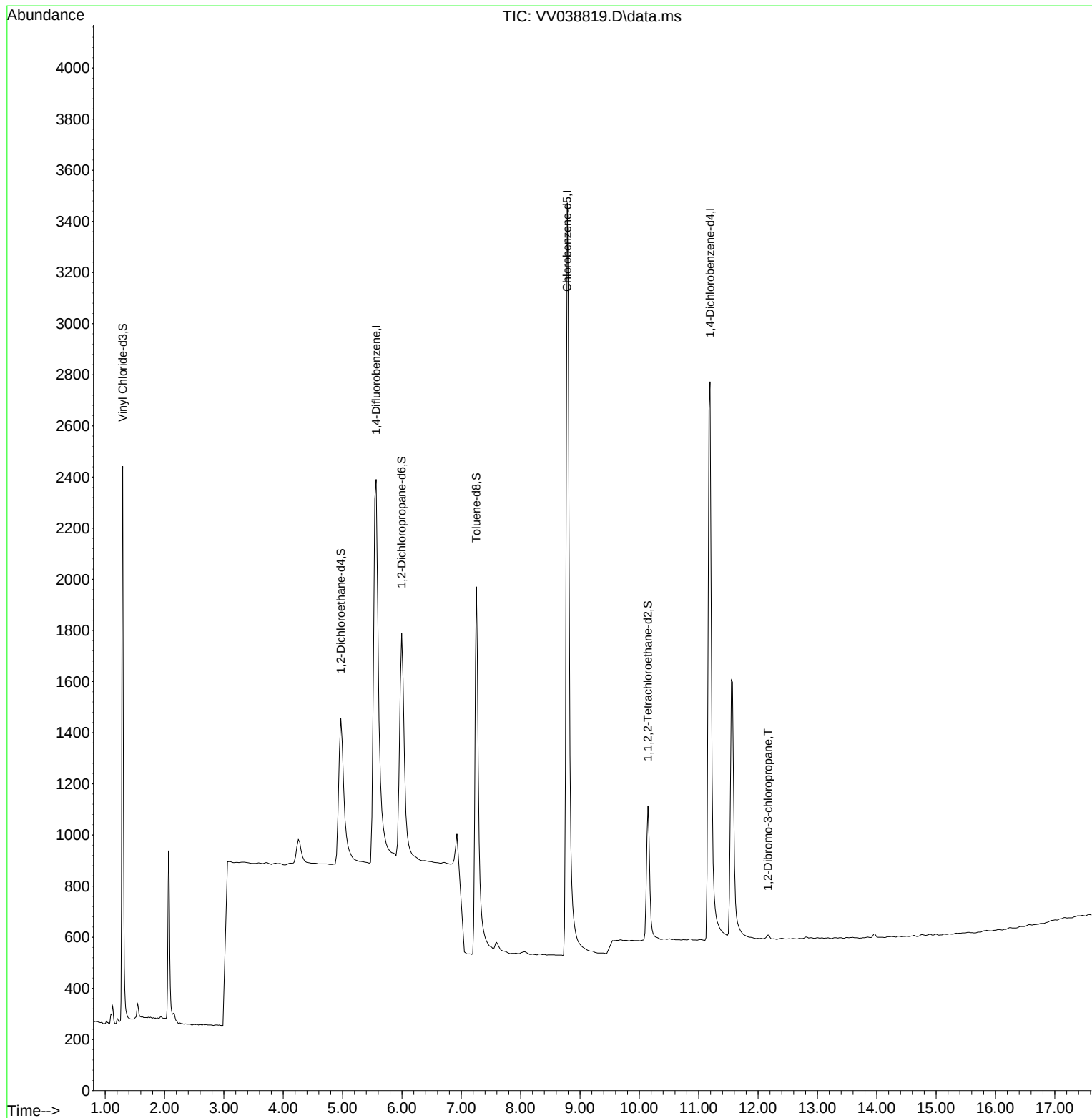
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6610	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6099	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2691	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	2995	0.477	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	96.000%
4) 1,2-Dichloroethane-d4	4.969	65	1515	0.492	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
7) 1,2-Dichloropropane-d6	5.995	67	1841	0.533	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	106.000%
8) Toluene-d8	7.253	98	3573	0.512	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.000%
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1237	0.510	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%
Target Compounds						
13) 1,2-Dibromo-3-chloropr...	12.168	75	40	0.063	ug/L	Qvalue # 79

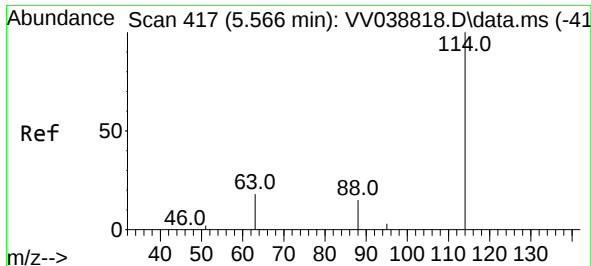
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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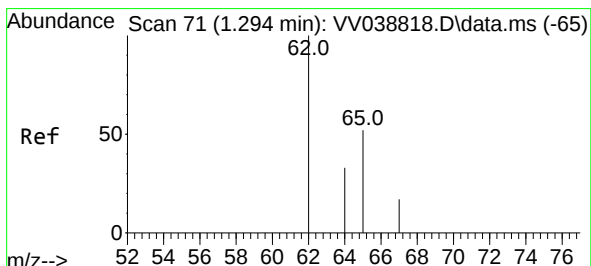
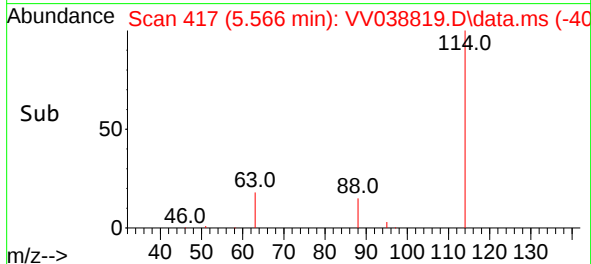
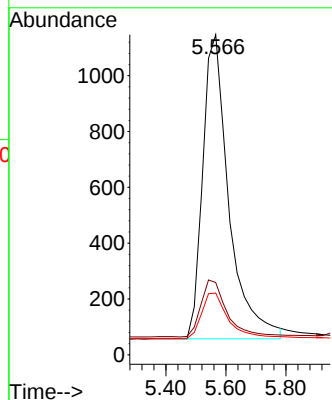
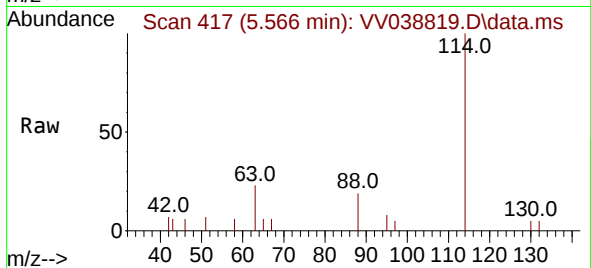




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VV038819.D
 Acq: 23 Jun 2025 09:23

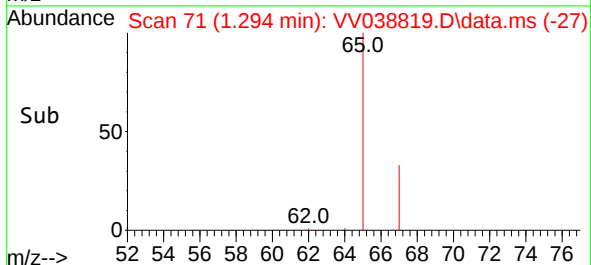
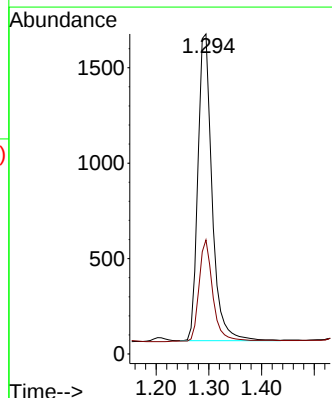
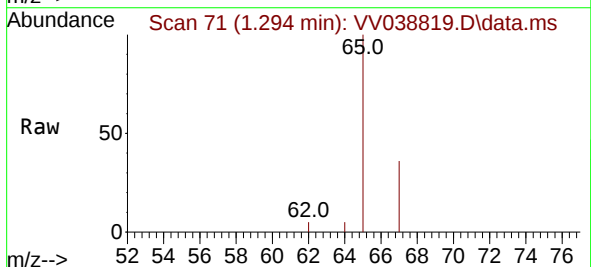
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK229

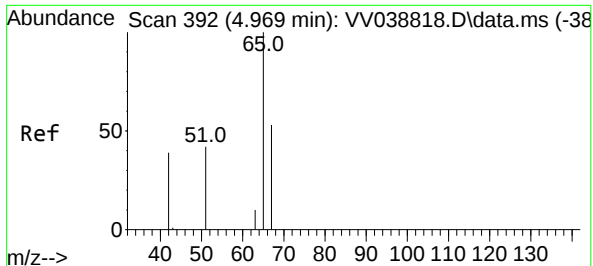
Tgt Ion:	114	Resp:	6610
Ion	Ratio	Lower	Upper
114	100		
63	18.7	14.6	21.8
88	15.1	12.1	18.1



#2
 Vinyl Chloride-d3
 Concen: 0.477 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VV038819.D
 Acq: 23 Jun 2025 09:23

Tgt Ion:	65	Resp:	2995
Ion	Ratio	Lower	Upper
65	100		
67	32.7	24.4	45.4

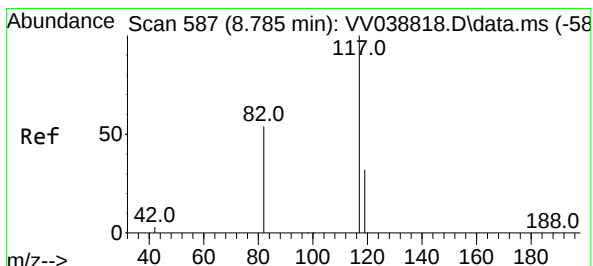
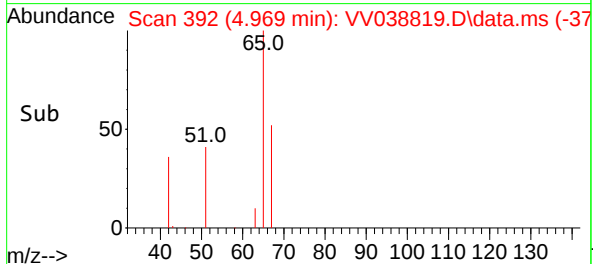
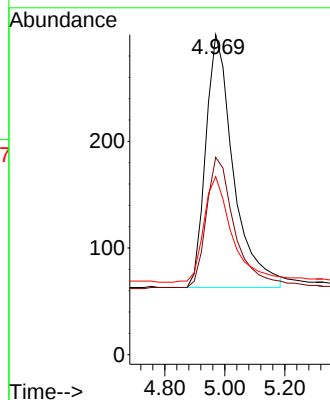
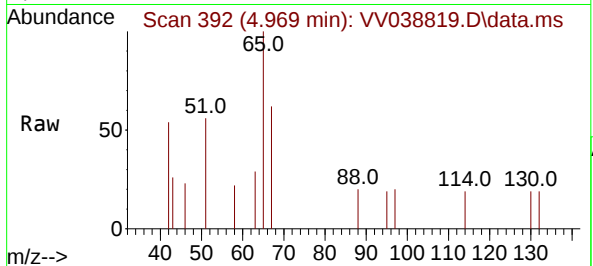




#4
1,2-Dichloroethane-d4
Concen: 0.492 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV038819.D
Acq: 23 Jun 2025 09:23

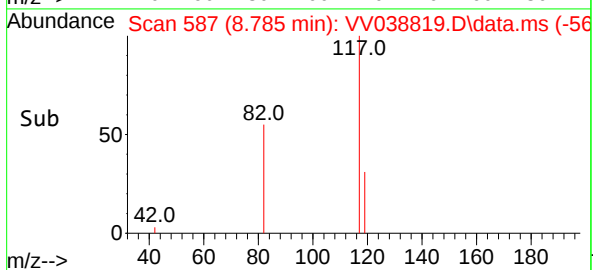
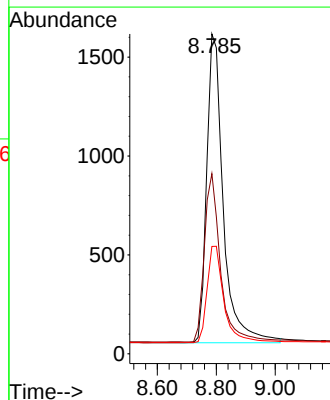
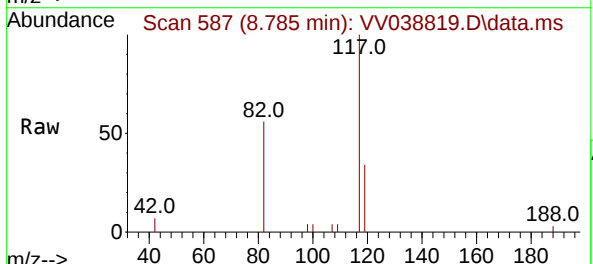
Instrument :
MSVOA_V
ClientSampleId :
VBLK229

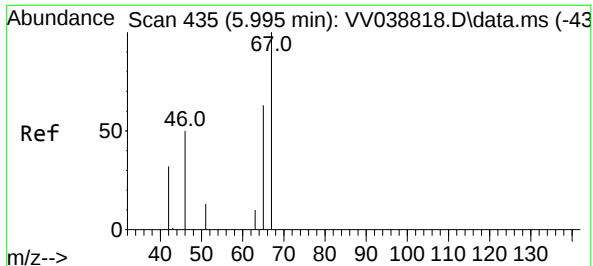
Tgt Ion:	65	Resp:	1515
Ion	Ratio	Lower	Upper
65	100		
67	52.5	38.9	72.2
51	42.7	25.8	47.8



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV038819.D
Acq: 23 Jun 2025 09:23

Tgt Ion:	117	Resp:	6099
Ion	Ratio	Lower	Upper
117	100		
82	53.4	40.6	60.8
119	31.7	25.7	38.5



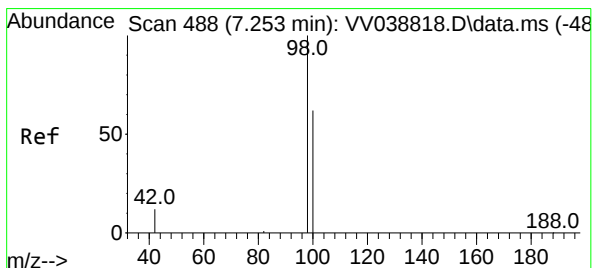
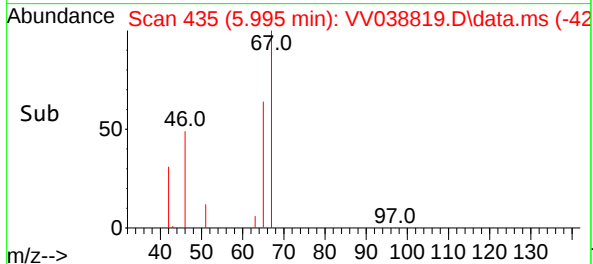
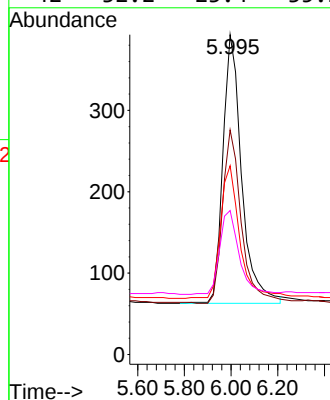
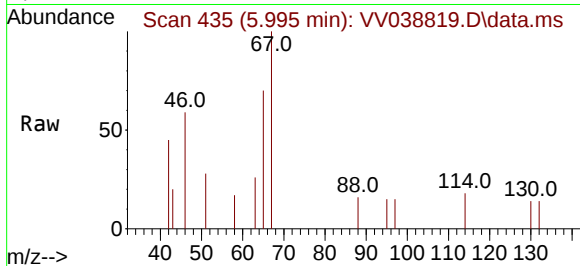


#7
1,2-Dichloropropane-d6
Concen: 0.533 ug/L
RT: 5.995 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV038819.D
Acq: 23 Jun 2025 09:23

Instrument :
MSVOA_V
ClientSampleId :
VBLK229

Tgt Ion: 67 Resp: 1841

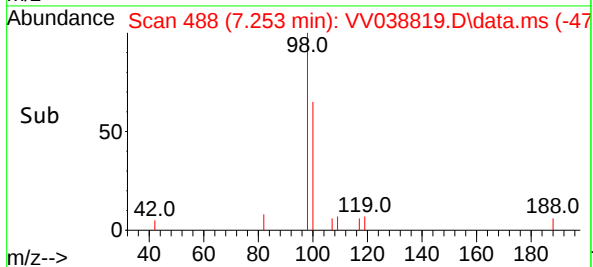
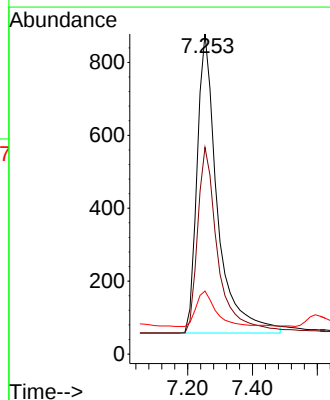
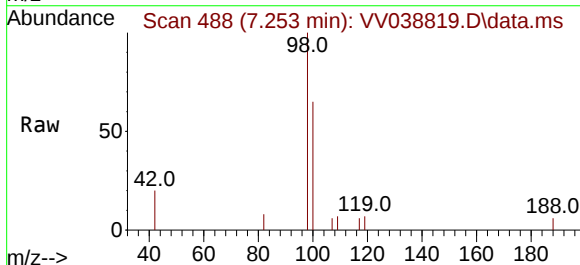
Ion	Ratio	Lower	Upper
67	100		
65	64.7	48.6	73.0
46	50.1	37.9	56.9
42	32.2	23.4	35.2

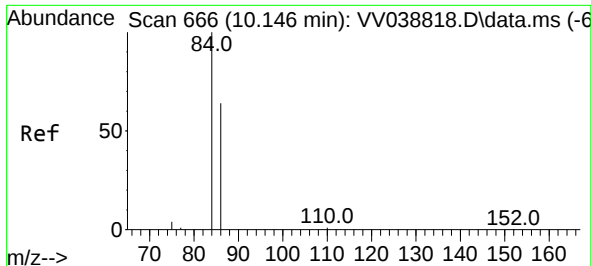


#8
Toluene-d8
Concen: 0.512 ug/L
RT: 7.253 min Scan# 488
Delta R.T. -0.000 min
Lab File: VV038819.D
Acq: 23 Jun 2025 09:23

Tgt Ion: 98 Resp: 3573

Ion	Ratio	Lower	Upper
98	100		
100	61.9	44.9	83.5
42	11.5	6.3	11.7





#10

1,1,2,2-Tetrachloroethane-d2

Concen: 0.510 ug/L

RT: 10.146 min Scan# 666

Delta R.T. -0.000 min

Lab File: VV038819.D

Acq: 23 Jun 2025 09:23

Instrument :

MSVOA_V

ClientSampleId :

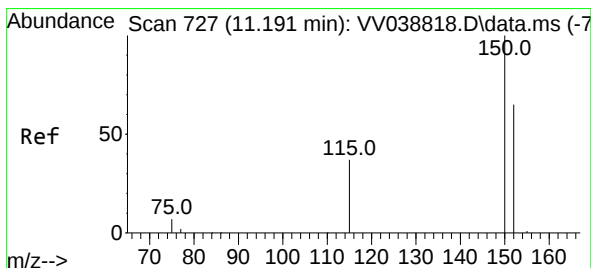
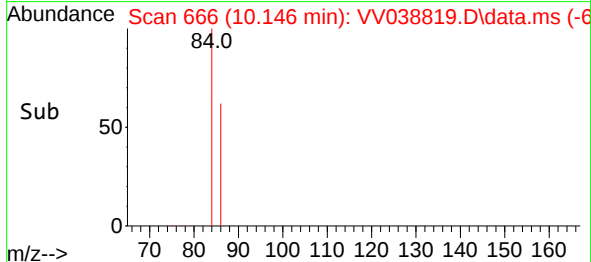
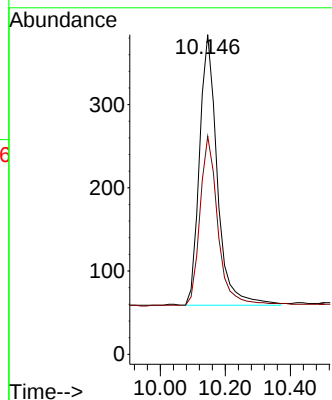
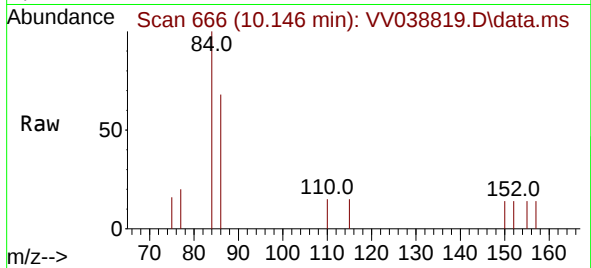
VBLK229

Tgt Ion: 84 Resp: 1237

Ion Ratio Lower Upper

84 100

86 62.4 44.7 82.9



#11

1,4-Dichlorobenzene-d4

Concen: 0.500 ug/L

RT: 11.191 min Scan# 727

Delta R.T. -0.000 min

Lab File: VV038819.D

Acq: 23 Jun 2025 09:23

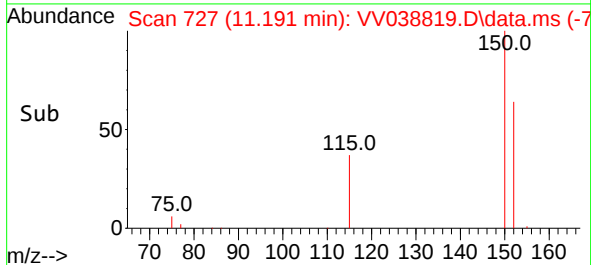
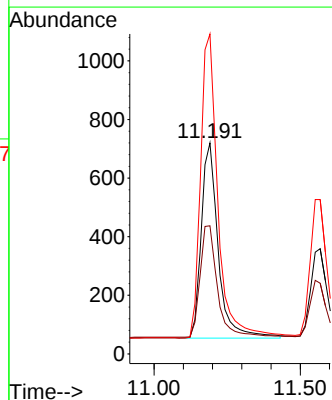
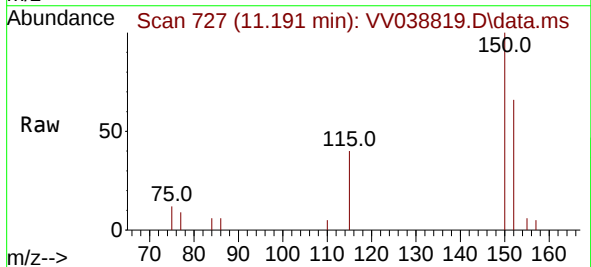
Tgt Ion: 152 Resp: 2691

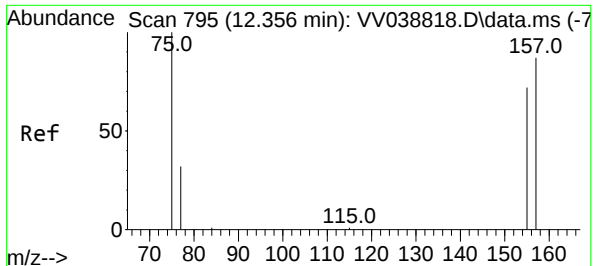
Ion Ratio Lower Upper

152 100

115 58.1 0.0 114.4

150 158.2 0.0 315.4





#13

1,2-Dibromo-3-chloropropane

Concen: 0.063 ug/L

RT: 12.168 min Scan# 7

Delta R.T. -0.189 min

Lab File: VV038819.D

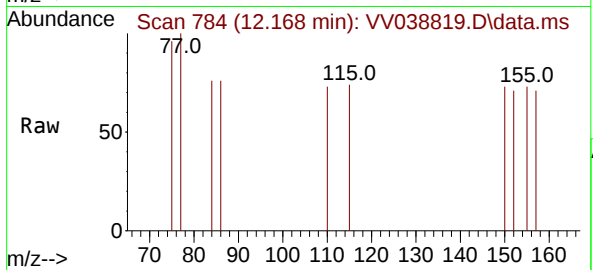
Acq: 23 Jun 2025 09:23

Instrument :

MSVOA_V

ClientSampleId :

VBLK229



Tgt Ion: 75 Resp: 40

Ion Ratio Lower Upper

75 100

157 73.3 81.1 121.7#

155 76.0 70.3 105.5

