

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081925\
 Data File : VV038964.D
 Acq On : 19 Aug 2025 14:33
 Operator : SY/MD
 Sample : VV0819WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK230

Quant Time: Aug 20 03:35:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM081925.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 20 03:16:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	5877	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.784	117	5569	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2499	0.500	ug/L	0.00

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.287	65	2626	0.488	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	98.000%
4) 1,2-Dichloroethane-d4	4.969	65	1386	0.439	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	88.000%
7) 1,2-Dichloropropane-d6	5.995	67	1626	0.529	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	106.000%
8) Toluene-d8	7.253	98	3153	0.458	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.145	84	1107	0.508	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%

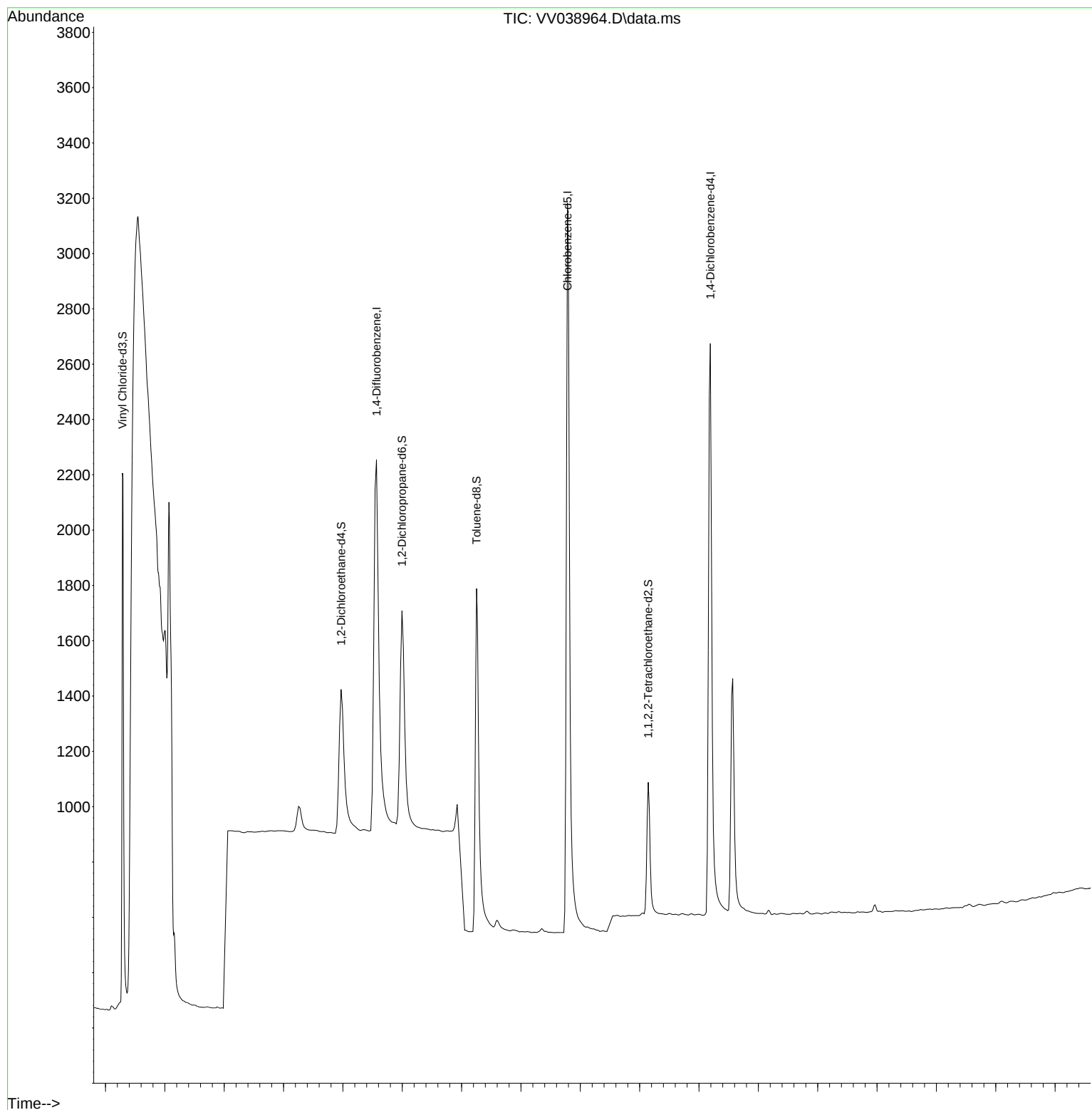
Target Compounds	Qvalue

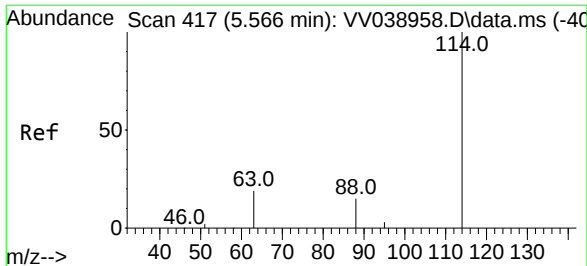
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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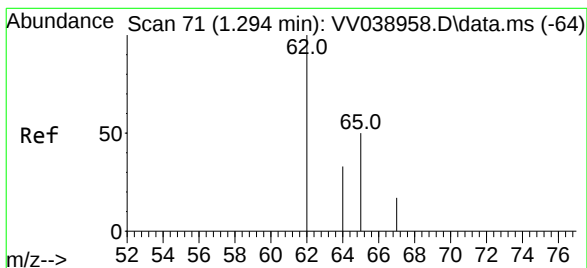
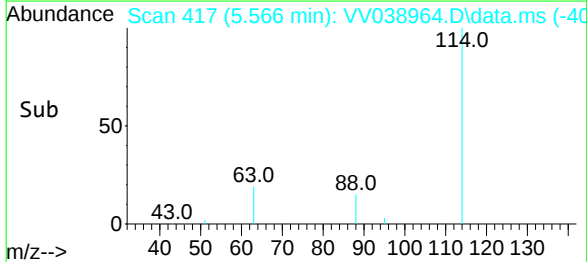
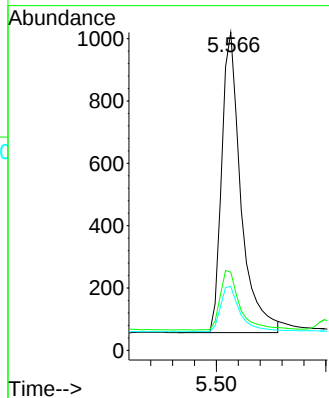
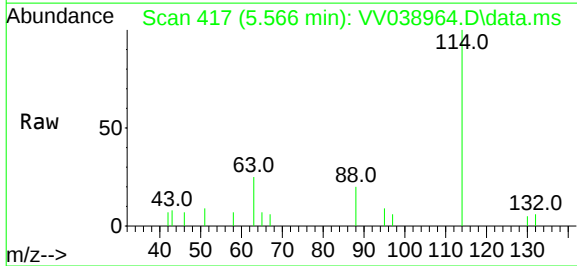




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV038964.D
Acq: 19 Aug 2025 14:33

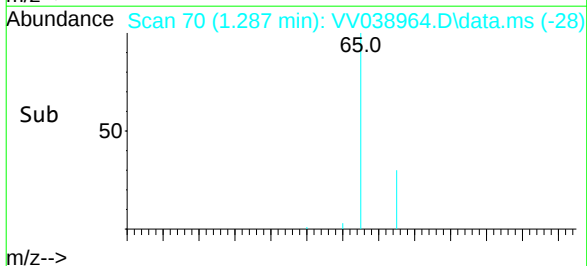
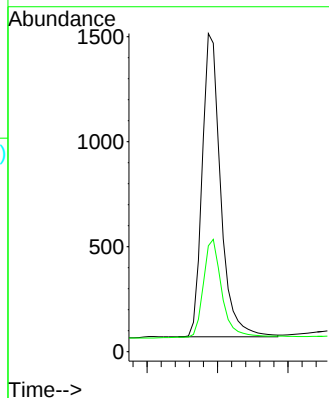
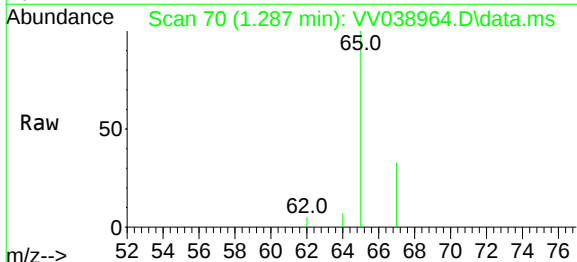
Instrument :
MSVOA_V
ClientSampleId :
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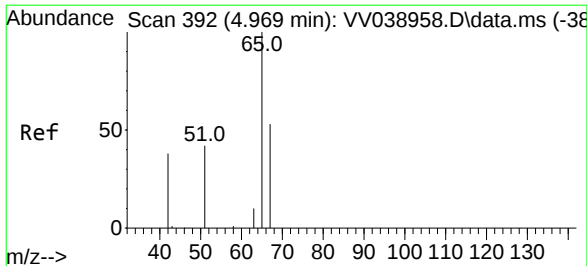
Tgt Ion:	114	Resp:	5877
Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.0	24.0
88	15.3	12.3	18.5



#2
Vinyl Chloride-d3
Concen: 0.488 ug/L
RT: 1.287 min Scan# 70
Delta R.T. -0.007 min
Lab File: VV038964.D
Acq: 19 Aug 2025 14:33

Tgt Ion:	65	Resp:	2626
Ion	Ratio	Lower	Upper
65	100		
67	34.1	23.4	43.4

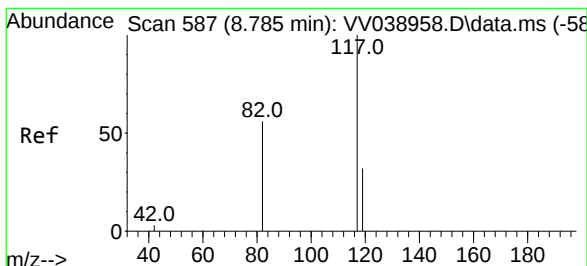
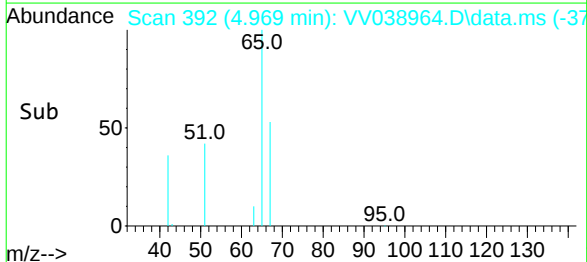
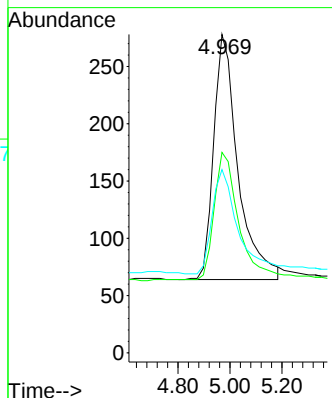
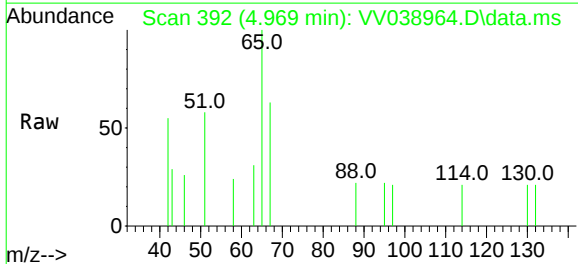




#4
1,2-Dichloroethane-d4
Concen: 0.439 ug/L
RT: 4.969 min Scan# 392
Delta R.T. 0.000 min
Lab File: VV038964.D
Acq: 19 Aug 2025 14:33

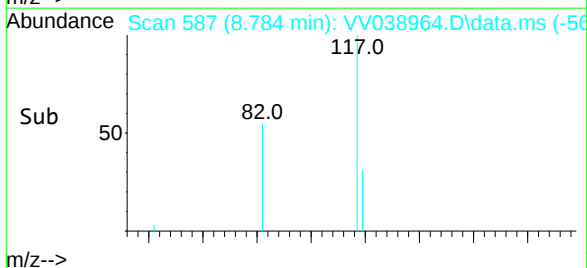
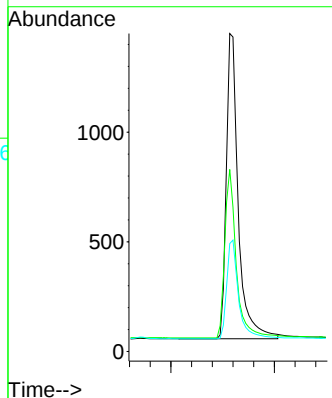
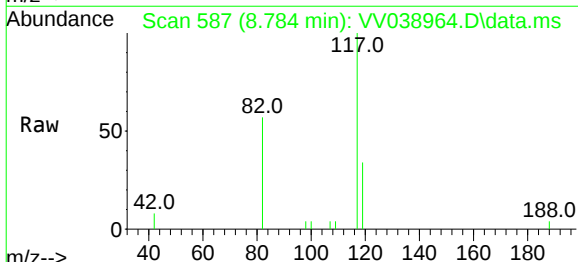
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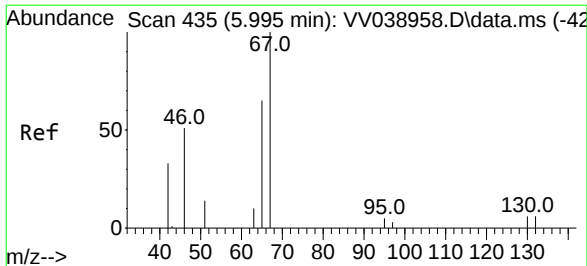
Tgt Ion:	65	Resp:	1386
Ion	Ratio	Lower	Upper
65	100		
67	51.9	37.2	69.0
51	45.5	33.4	62.0



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.784 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV038964.D
Acq: 19 Aug 2025 14:33

Tgt Ion:	117	Resp:	5569
Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.9	64.3
119	32.2	26.4	39.6

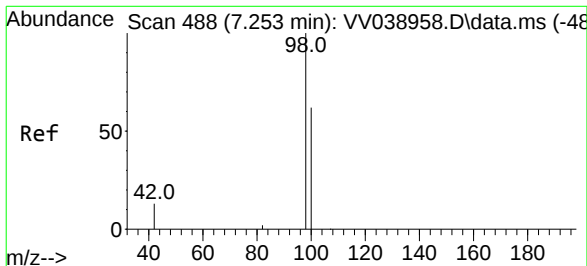
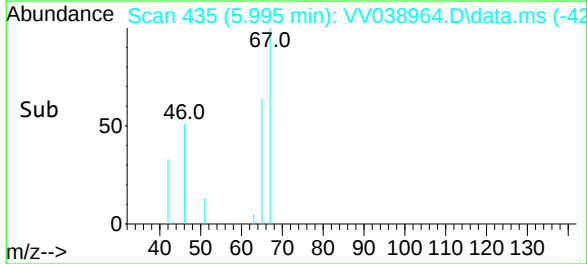
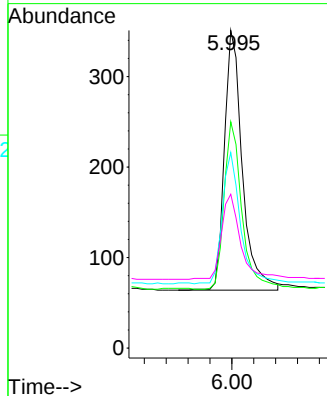
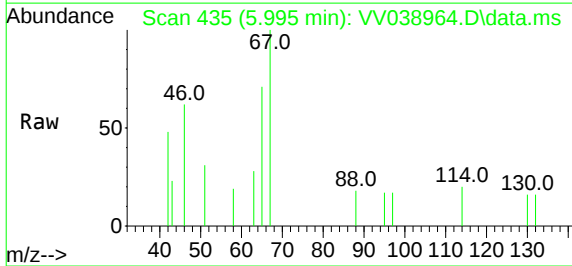




1,2-Dichloropropane-d6
 Concen: 0.529 ug/L
 RT: 5.995 min Scan# 435
 Delta R.T. 0.000 min
 Lab File: VV038964.D
 Acq: 19 Aug 2025 14:33

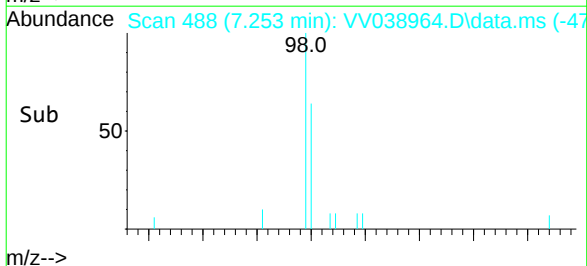
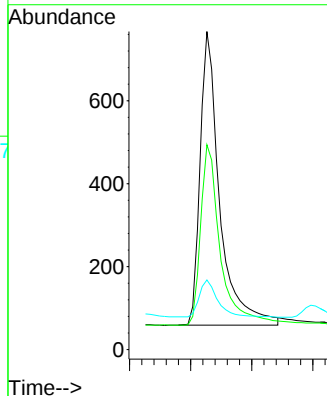
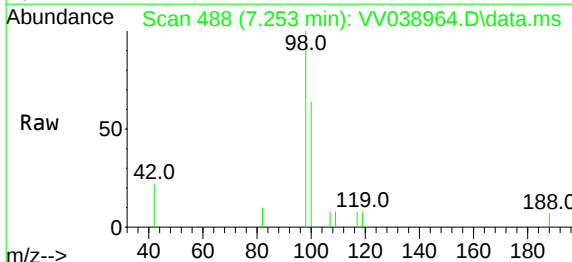
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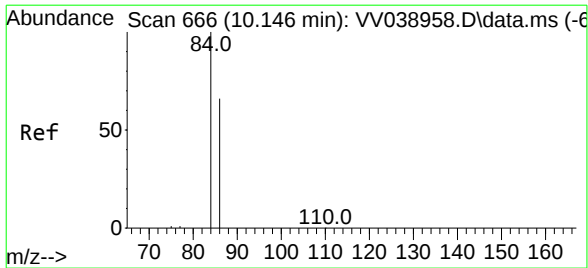
Tgt Ion: 67	Resp: 1626
Ion Ratio	Lower Upper
67 100	
65 63.9	49.8 74.6
46 51.2	41.3 61.9
42 34.6	26.7 40.1



Toluene-d8
 Concen: 0.458 ug/L
 RT: 7.253 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VV038964.D
 Acq: 19 Aug 2025 14:33

Tgt Ion: 98	Resp: 3153
Ion Ratio	Lower Upper
98 100	
100 61.6	43.3 80.3
42 12.2	8.5 15.7

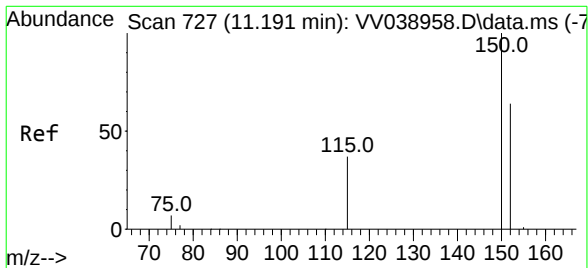
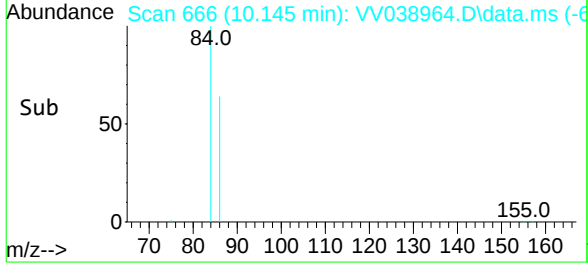
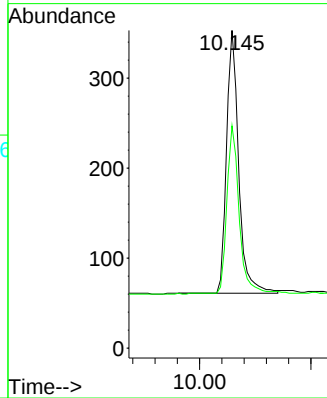
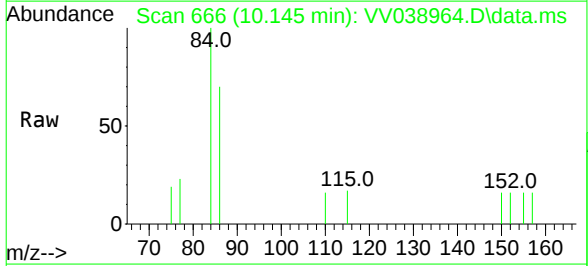




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.508 ug/L
RT: 10.145 min Scan# 666
Delta R.T. -0.001 min
Lab File: VV038964.D
Acq: 19 Aug 2025 14:33

Instrument :
MSVOA_V
ClientSampleId :
VBLK230

Tgt Ion: 84 Resp: 1107
Ion Ratio Lower Upper
84 100
86 66.0 45.6 84.6



#11
1,4-Dichlorobenzene-d4
Concen: 0.500 ug/L
RT: 11.191 min Scan# 727
Delta R.T. -0.000 min
Lab File: VV038964.D
Acq: 19 Aug 2025 14:33

Tgt Ion: 152 Resp: 2499
Ion Ratio Lower Upper
152 100
115 59.1 0.0 119.6
150 159.0 0.0 318.0

