

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062325\
 Data File : VV038820.D
 Acq On : 23 Jun 2025 10:00
 Operator : SY/MD
 Sample : Q2377-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PW-B6-L66-061925-SIM

Quant Time: Jun 24 01:40:22 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	7436	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6823	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2936	0.500	ug/L	0.00

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	2985	0.423	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	84.000%
4) 1,2-Dichloroethane-d4	4.969	65	1476	0.426	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	86.000%
7) 1,2-Dichloropropane-d6	5.995	67	1812	0.469	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	94.000%
8) Toluene-d8	7.253	98	3588	0.460	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1147	0.422	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	84.000%

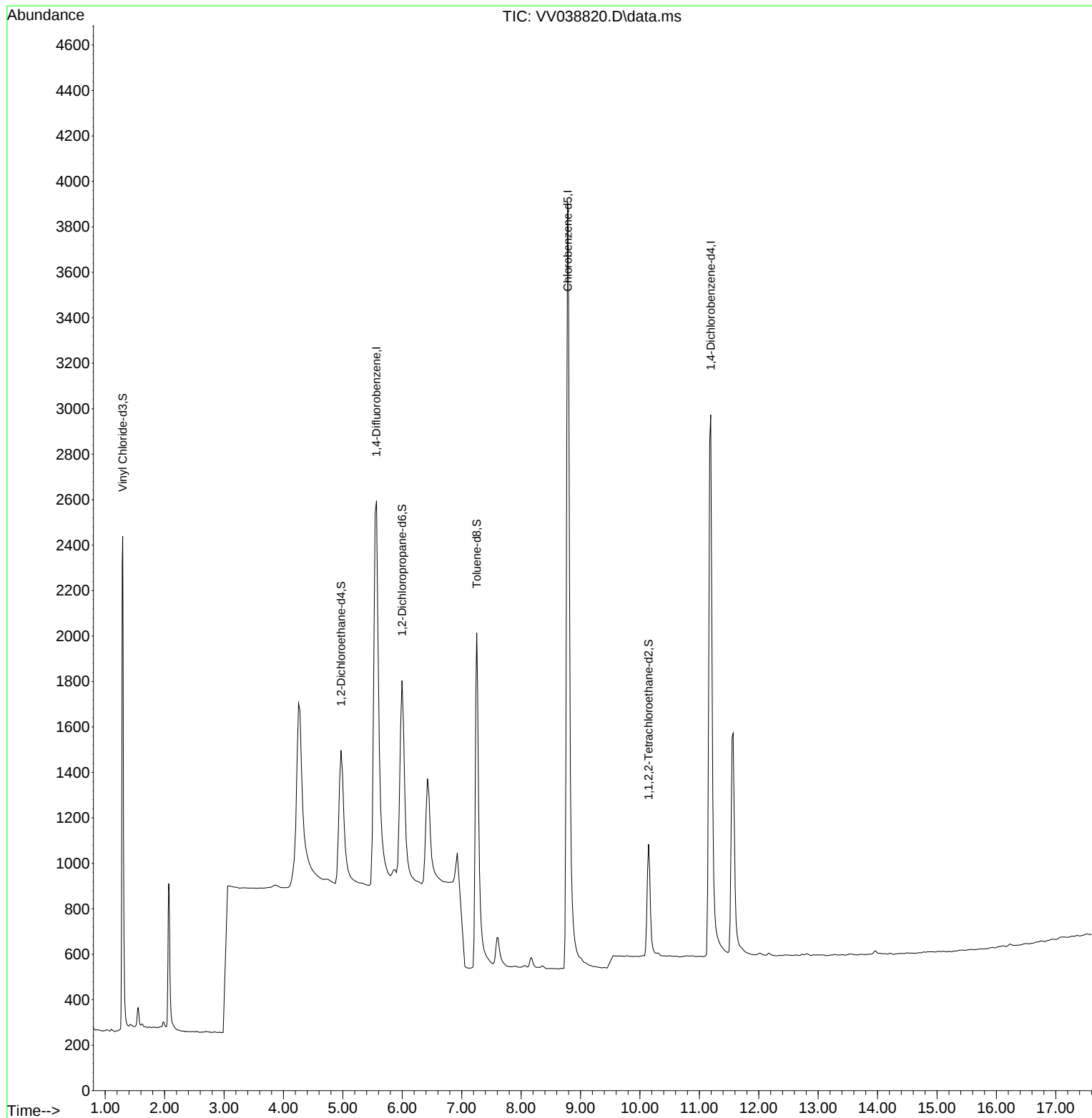
Target Compounds	Qvalue

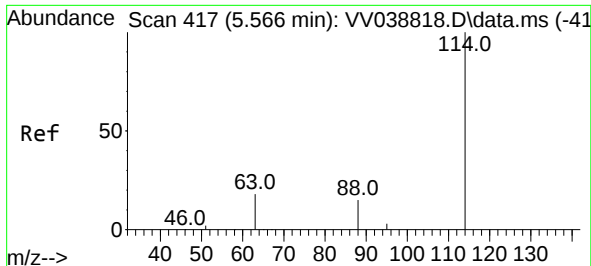
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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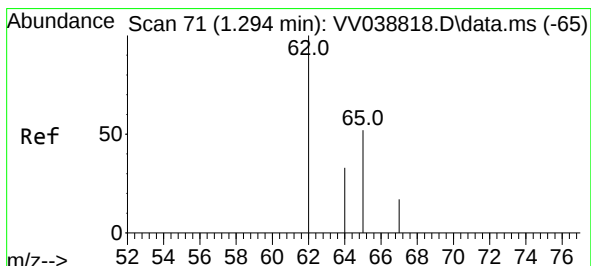
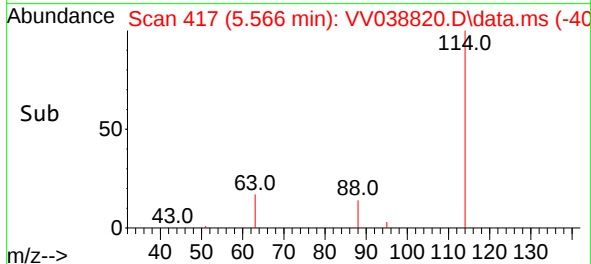
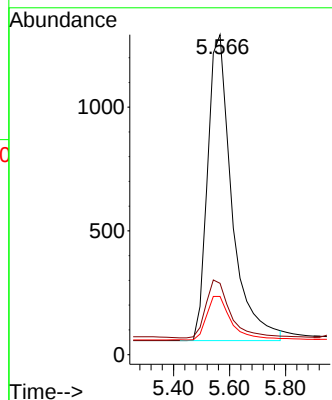
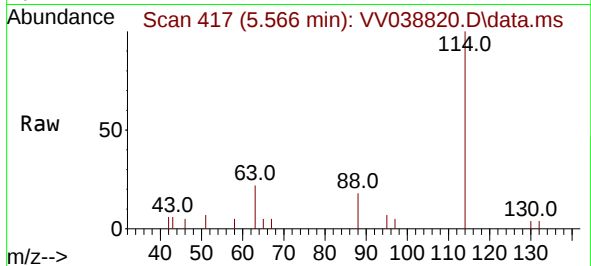




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038820.D
Acq: 23 Jun 2025 10:00

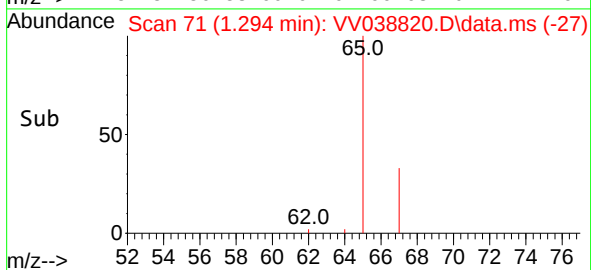
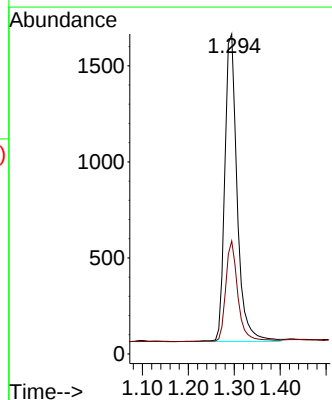
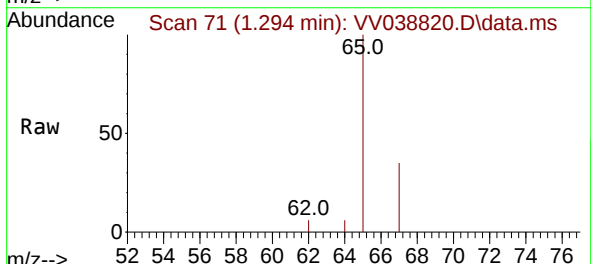
Instrument :
MSVOA_V
ClientSampleId :
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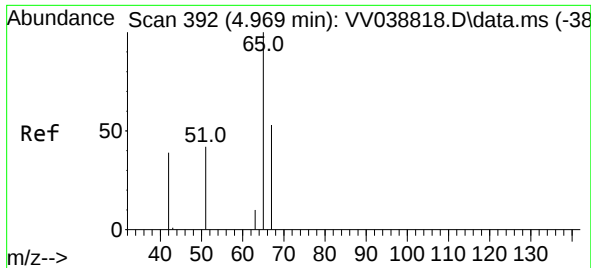
Tgt Ion:	114	Resp:	7436
Ion	Ratio	Lower	Upper
114	100		
63	18.9	14.6	21.8
88	14.6	12.1	18.1



#2
Vinyl Chloride-d3
Concen: 0.423 ug/L
RT: 1.294 min Scan# 71
Delta R.T. 0.007 min
Lab File: VV038820.D
Acq: 23 Jun 2025 10:00

Tgt Ion:	65	Resp:	2985
Ion	Ratio	Lower	Upper
65	100		
67	32.2	24.4	45.4

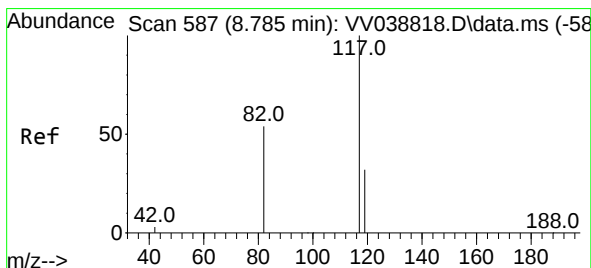
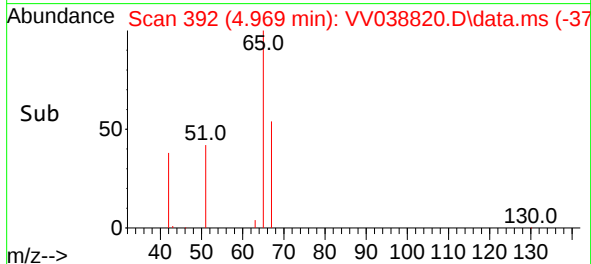
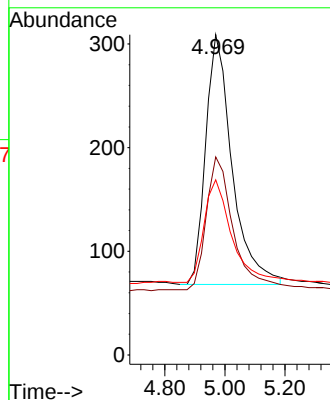
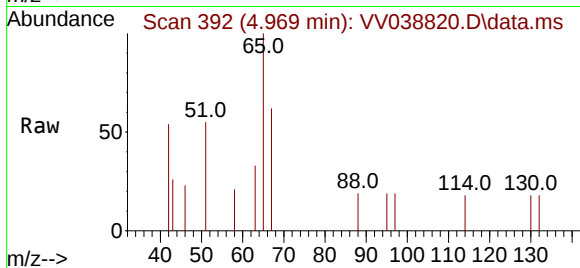




#4
1,2-Dichloroethane-d4
Concen: 0.426 ug/L
RT: 4.969 min Scan# 392
Delta R.T. -0.000 min
Lab File: VV038820.D
Acq: 23 Jun 2025 10:00

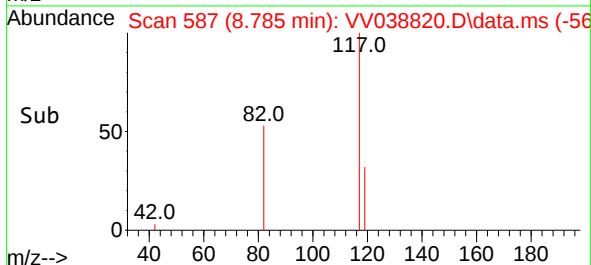
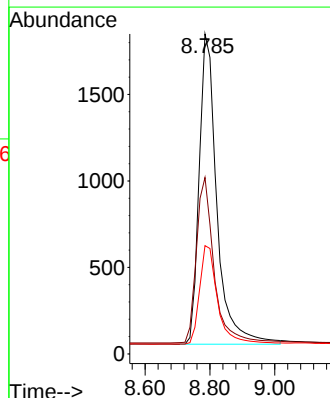
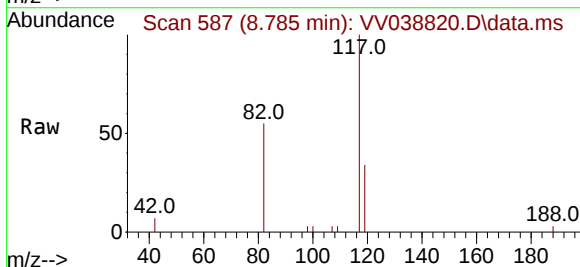
Instrument :
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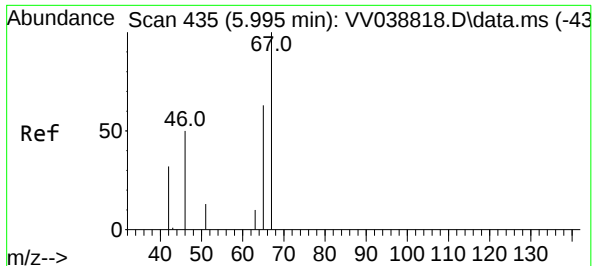
Tgt Ion:	65	Resp:	1476
Ion	Ratio	Lower	Upper
65	100		
67	53.9	38.9	72.2
51	42.8	25.8	47.8



#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 587
Delta R.T. -0.000 min
Lab File: VV038820.D
Acq: 23 Jun 2025 10:00

Tgt Ion:	117	Resp:	6823
Ion	Ratio	Lower	Upper
117	100		
82	53.3	40.6	60.8
119	32.2	25.7	38.5

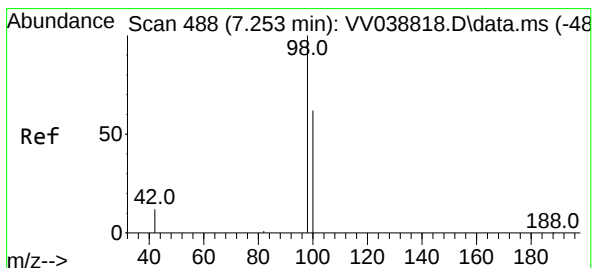
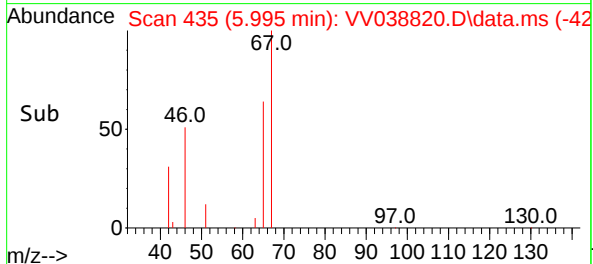
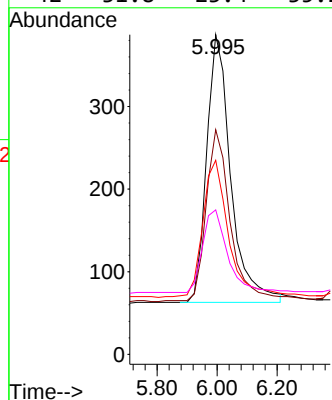
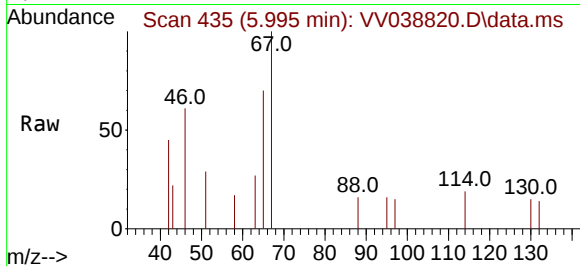




#7
1,2-Dichloropropane-d6
Concen: 0.469 ug/L
RT: 5.995 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038820.D
Acq: 23 Jun 2025 10:00

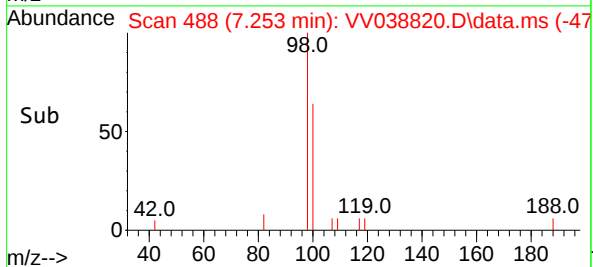
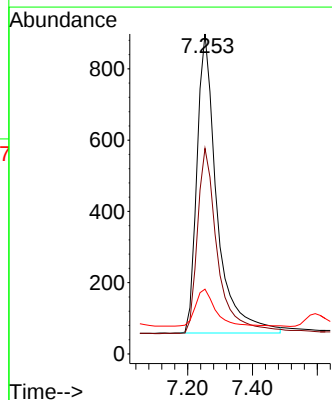
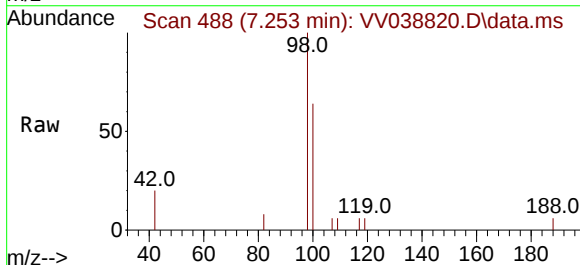
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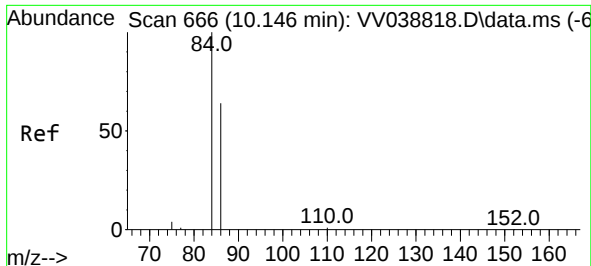
Tgt Ion:	67	Resp:	1812
Ion	Ratio	Lower	Upper
67	100		
65	64.7	48.6	73.0
46	54.9	37.9	56.9
42	31.8	23.4	35.2



#8
Toluene-d8
Concen: 0.460 ug/L
RT: 7.253 min Scan# 488
Delta R.T. -0.000 min
Lab File: VV038820.D
Acq: 23 Jun 2025 10:00

Tgt Ion:	98	Resp:	3588
Ion	Ratio	Lower	Upper
98	100		
100	62.5	44.9	83.5
42	12.3	6.3	11.7

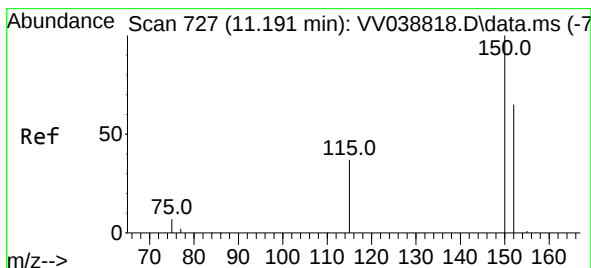
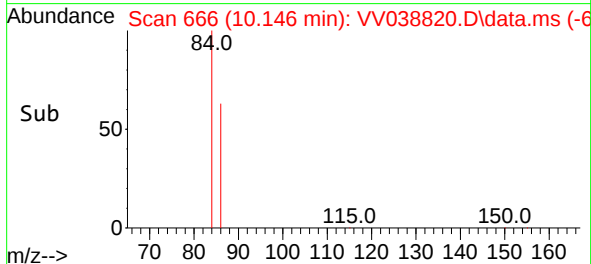
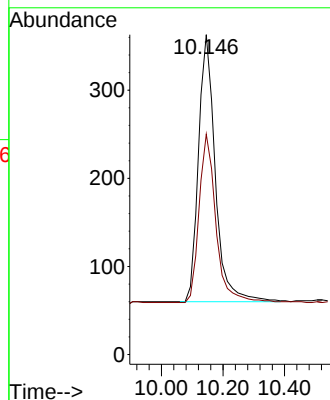
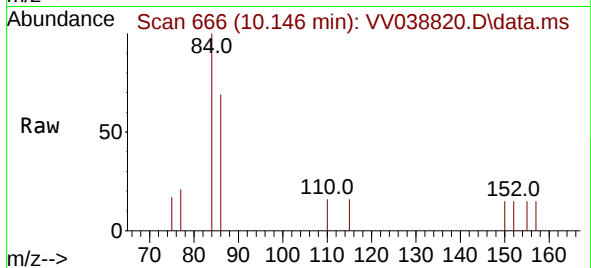




#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.422 ug/L
RT: 10.146 min Scan# 666
Delta R.T. -0.000 min
Lab File: VV038820.D
Acq: 23 Jun 2025 10:00

Instrument :
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ClientSampleId :
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Tgt Ion: 84 Resp: 1147
Ion Ratio Lower Upper
84 100
86 63.3 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: VV038820.D
Acq: 23 Jun 2025 10:00

Tgt Ion: 152 Resp: 2936
Ion Ratio Lower Upper
152 100
115 57.4 0.0 114.4
150 158.2 0.0 315.4

