

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112525\
 Data File : VV039429.D
 Acq On : 25 Nov 2025 15:08
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5329

Quant Time: Nov 26 04:04:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM112525.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 26 03:57:32 2025
 Response via : Initial Calibration

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

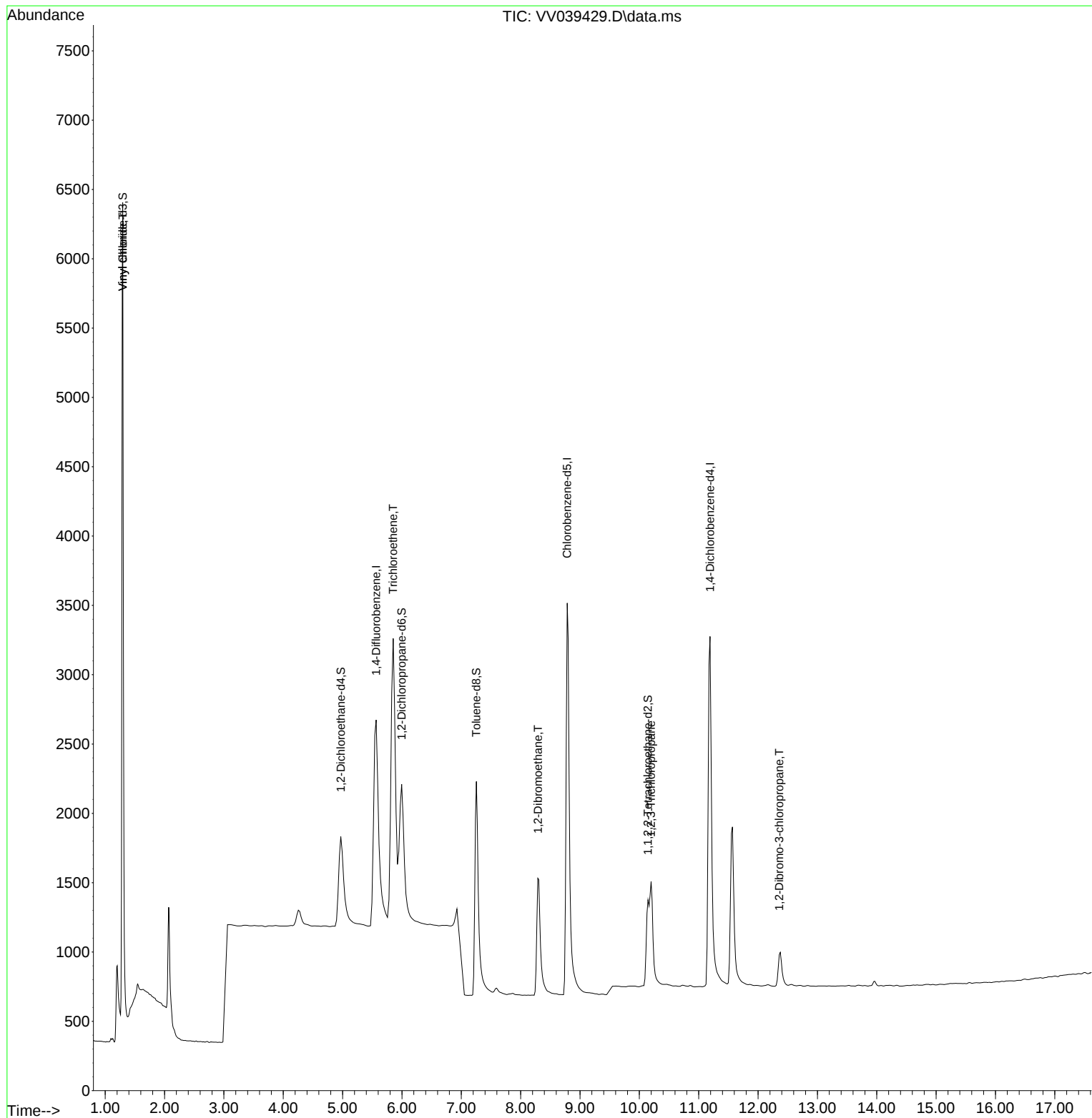
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	6772	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	6262	0.500	ug/L	-0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	3243	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.295	65	3357	0.492	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	98.000%
4) 1,2-Dichloroethane-d4	4.970	65	1801	0.423	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.000%
7) 1,2-Dichloropropane-d6	5.996	67	1948	0.491	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	98.000%
8) Toluene-d8	7.254	98	3855	0.491	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
10) 1,1,2,2-Tetrachloroeth...	10.146	84	1375	0.493	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.295	62	4771	0.536	ug/L	100
6) Trichloroethene	5.853	95	2966	0.549	ug/L	99
9) 1,2-Dibromoethane	8.290	107	1924	0.532	ug/L	97
12) 1,2,3-Trichloropropane	10.198	75	1571	0.536	ug/L	97
13) 1,2-Dibromo-3-chloropr...	12.357	75	329	0.512	ug/L	98

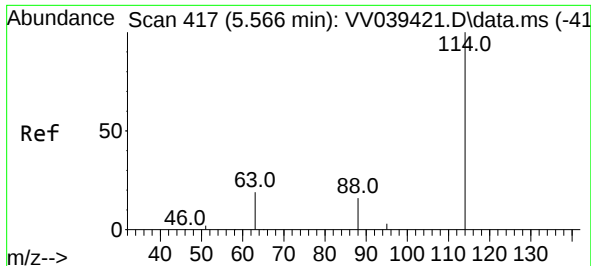
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

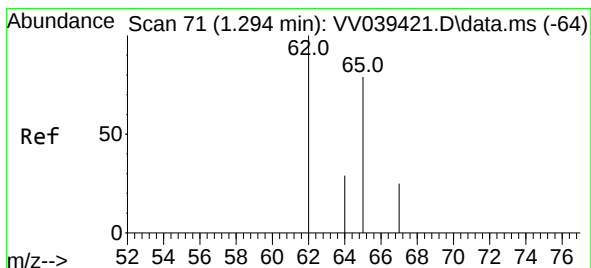
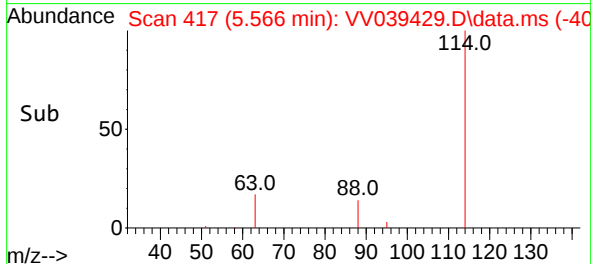
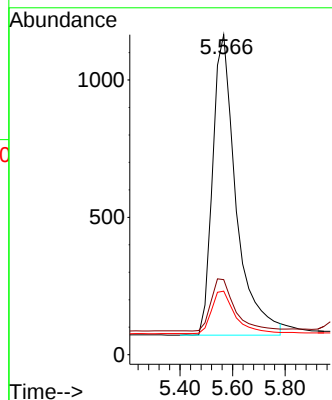
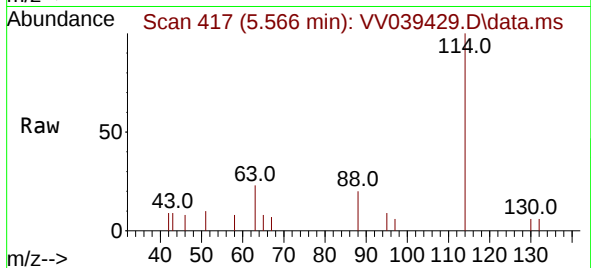




#1
1,4-Difluorobenzene
Concen: 0.500 ug/L
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039429.D
Acq: 25 Nov 2025 15:08

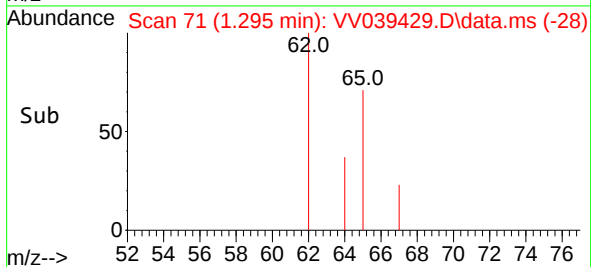
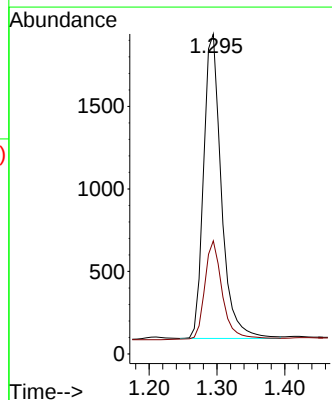
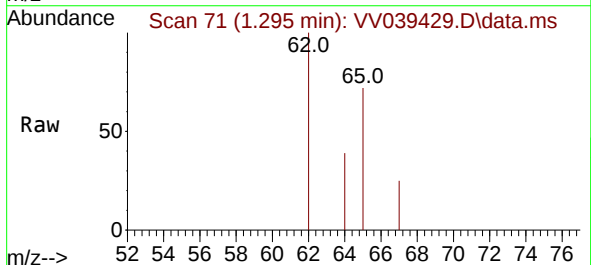
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5329

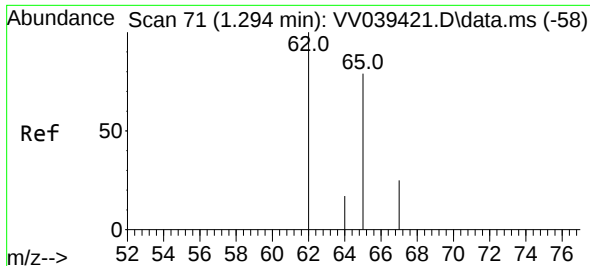
Tgt Ion:114 Resp: 6772
Ion Ratio Lower Upper
114 100
63 17.7 15.8 23.6
88 14.1 12.4 18.6



#2
Vinyl Chloride-d3
Concen: 0.492 ug/L
RT: 1.295 min Scan# 71
Delta R.T. 0.001 min
Lab File: VV039429.D
Acq: 25 Nov 2025 15:08

Tgt Ion: 65 Resp: 3357
Ion Ratio Lower Upper
65 100
67 32.9 23.0 42.8

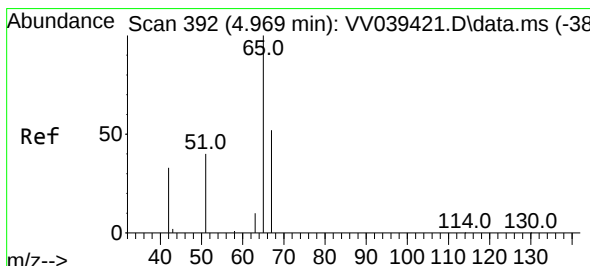
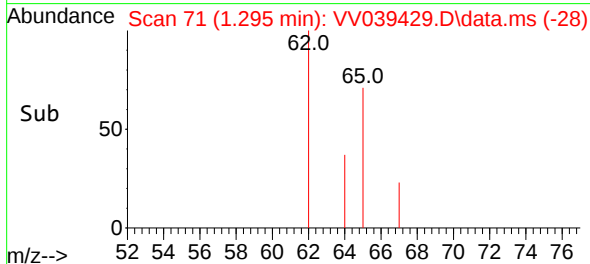
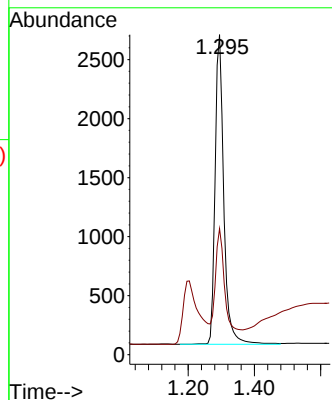
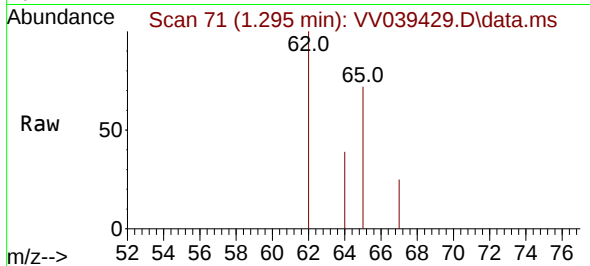




#3
 Vinyl chloride
 Concen: 0.536 ug/L
 RT: 1.295 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039429.D
 Acq: 25 Nov 2025 15:08

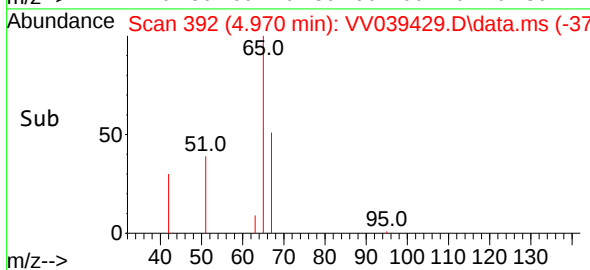
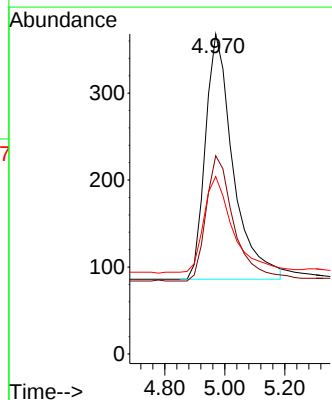
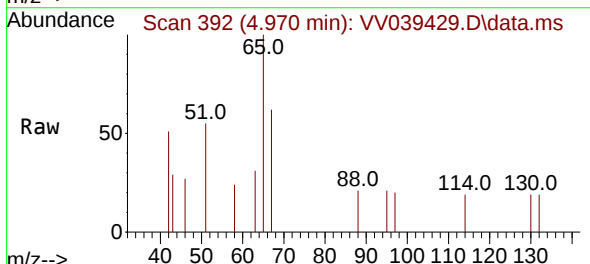
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5329

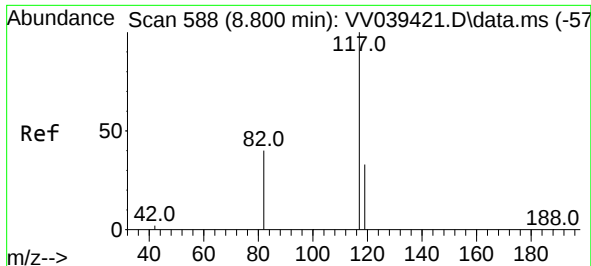
Tgt Ion: 62 Resp: 4771
 Ion Ratio Lower Upper
 62 100
 64 39.4 27.6 51.4



#4
 1,2-Dichloroethane-d4
 Concen: 0.423 ug/L
 RT: 4.970 min Scan# 392
 Delta R.T. 0.001 min
 Lab File: VV039429.D
 Acq: 25 Nov 2025 15:08

Tgt Ion: 65 Resp: 1801
 Ion Ratio Lower Upper
 65 100
 67 51.4 37.0 68.8
 51 42.0 27.8 51.6

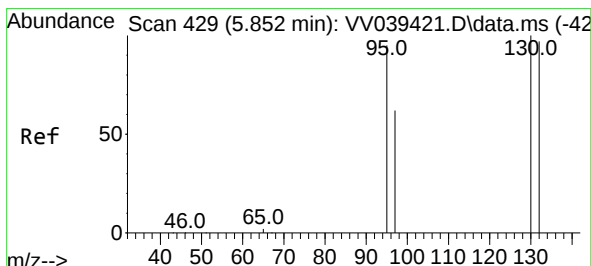
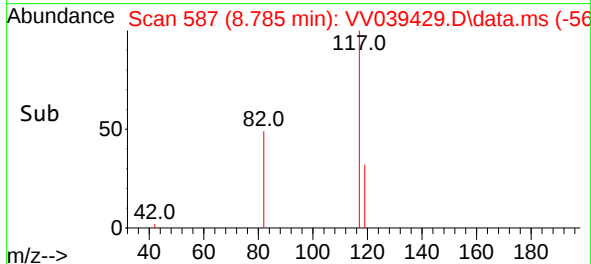
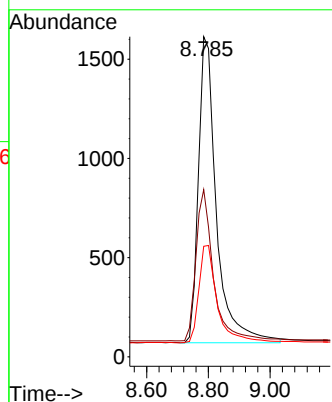
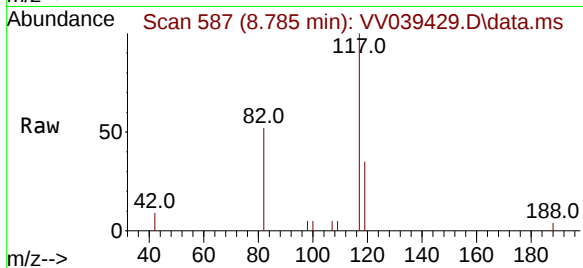




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 51
Delta R.T. -0.015 min
Lab File: VV039429.D
Acq: 25 Nov 2025 15:08

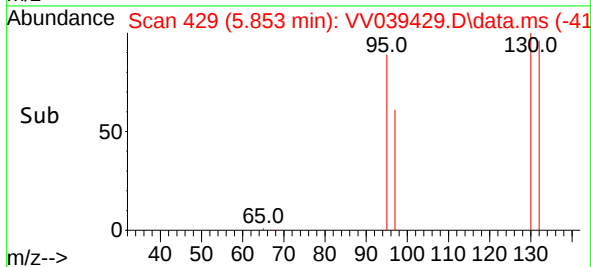
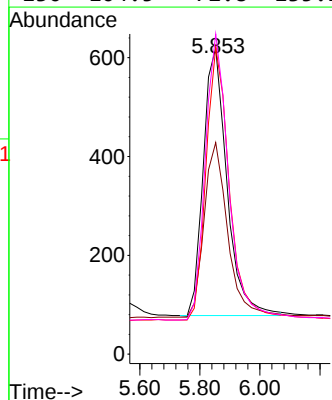
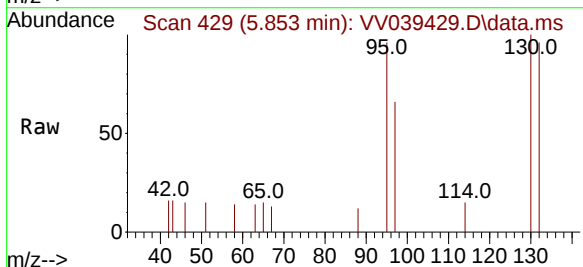
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5329

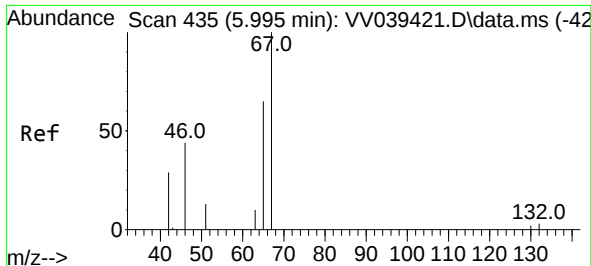
Tgt Ion:	117	Resp:	6262
Ion	Ratio	Lower	Upper
117	100		
82	48.2	38.2	57.4
119	32.4	25.7	38.5



#6
Trichloroethene
Concen: 0.549 ug/L
RT: 5.853 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039429.D
Acq: 25 Nov 2025 15:08

Tgt Ion:	95	Resp:	2966
Ion	Ratio	Lower	Upper
95	100		
97	69.0	48.5	90.1
132	100.2	70.8	131.6
130	104.5	72.8	135.2



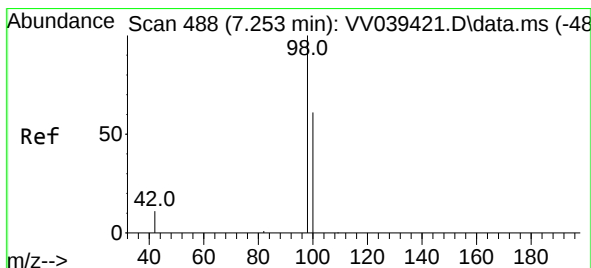
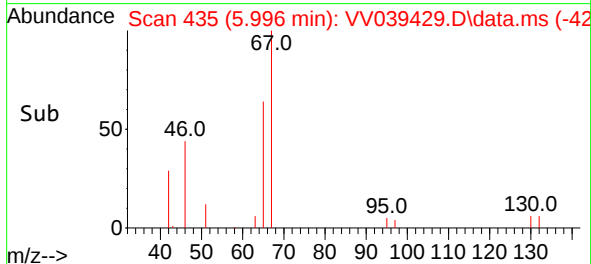
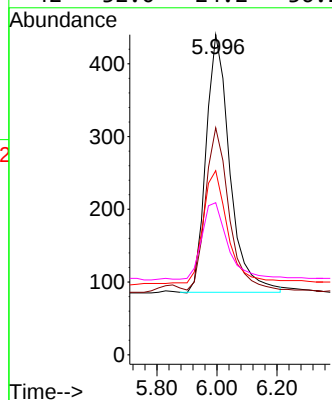
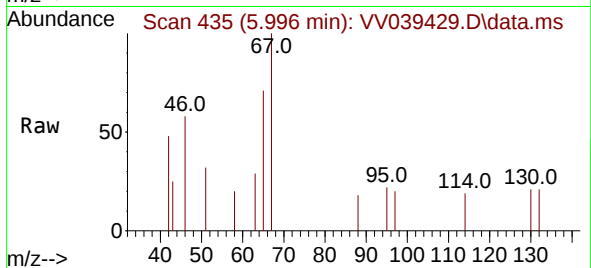


#7
1,2-Dichloropropane-d6
Concen: 0.491 ug/L
RT: 5.996 min Scan# 41
Delta R.T. 0.001 min
Lab File: VV039429.D
Acq: 25 Nov 2025 15:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5329

Tgt Ion: 67 Resp: 1948

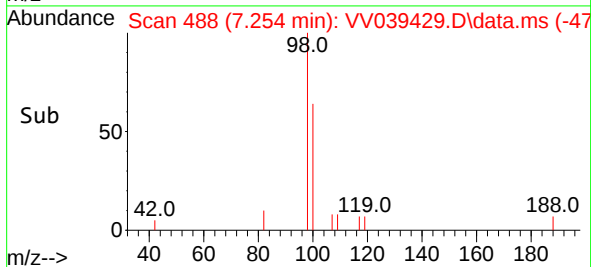
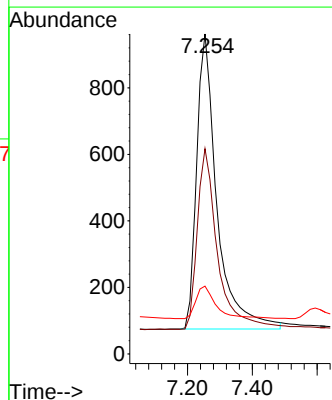
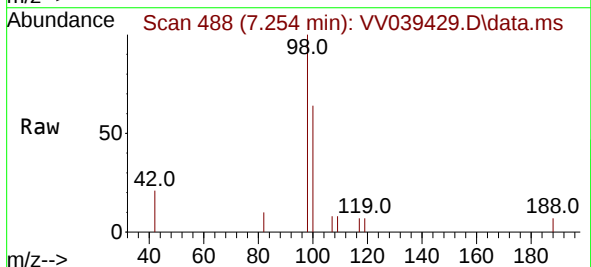
Ion	Ratio	Lower	Upper
67	100		
65	62.8	49.8	74.8
46	47.0	35.8	53.6
42	32.0	24.2	36.2

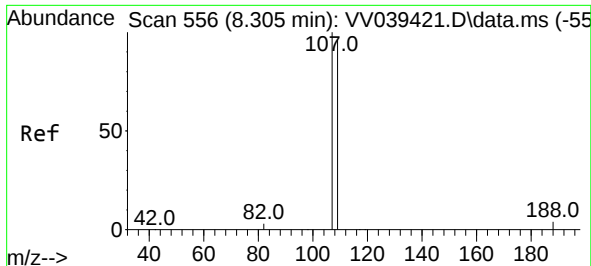


#8
Toluene-d8
Concen: 0.491 ug/L
RT: 7.254 min Scan# 488
Delta R.T. 0.001 min
Lab File: VV039429.D
Acq: 25 Nov 2025 15:08

Tgt Ion: 98 Resp: 3855

Ion	Ratio	Lower	Upper
98	100		
100	61.4	43.1	80.1
42	11.0	7.8	14.4

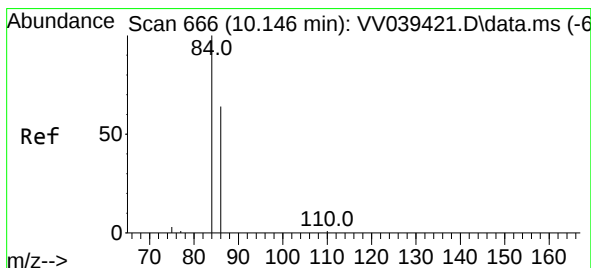
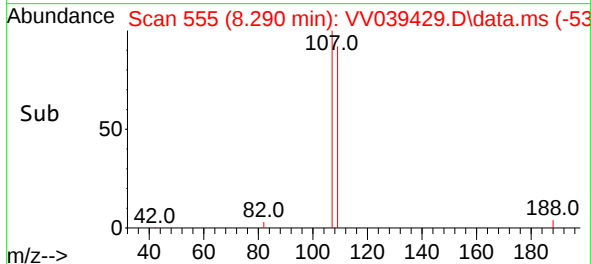
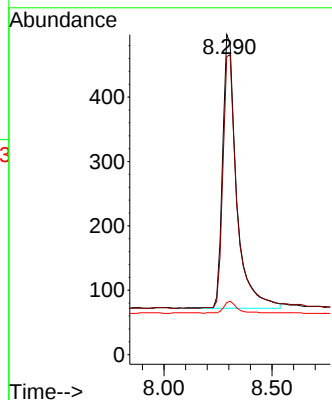
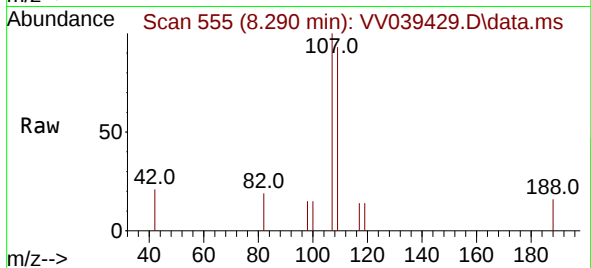




#9
1,2-Dibromoethane
Concen: 0.532 ug/L
RT: 8.290 min Scan# 556
Delta R.T. -0.015 min
Lab File: VV039429.D
Acq: 25 Nov 2025 15:08

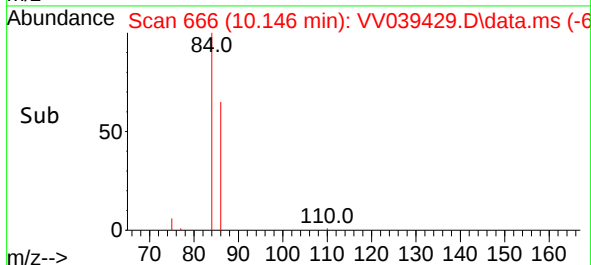
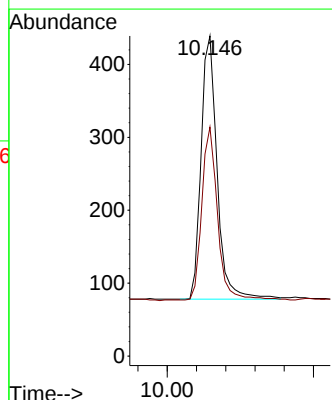
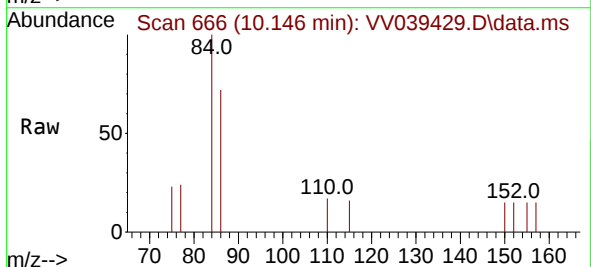
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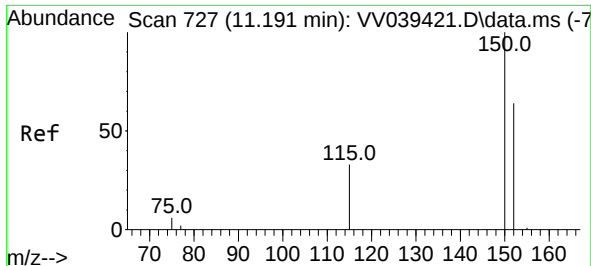
Tgt Ion:	107	Resp:	1924
Ion	Ratio	Lower	Upper
107	100		
109	93.2	67.8	125.8
188	16.3	12.8	19.2



#10
1,1,2,2-Tetrachloroethane-d2
Concen: 0.493 ug/L
RT: 10.146 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV039429.D
Acq: 25 Nov 2025 15:08

Tgt Ion:	84	Resp:	1375
Ion	Ratio	Lower	Upper
84	100		
86	64.1	45.4	84.4

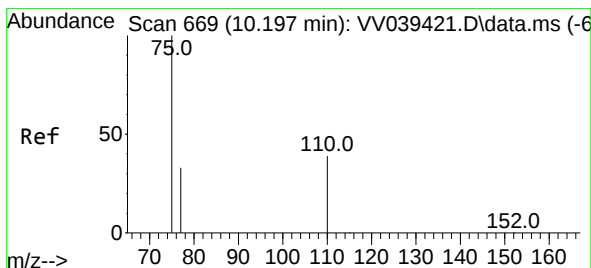
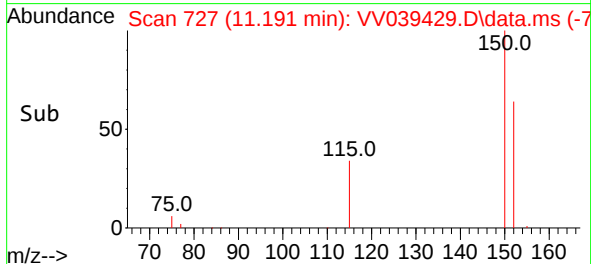
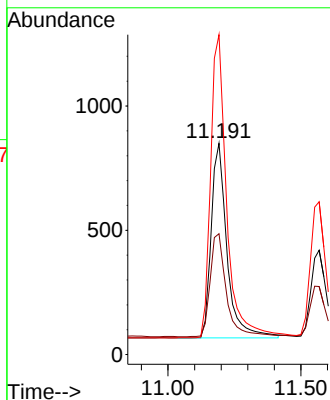
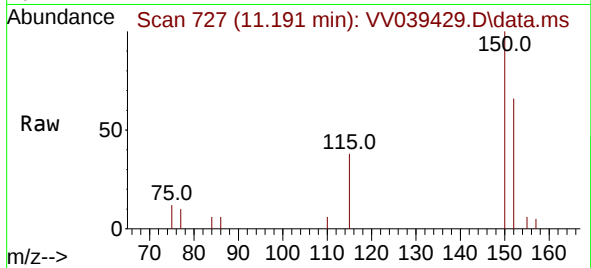




#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 727
 Delta R.T. 0.000 min
 Lab File: VV039429.D
 Acq: 25 Nov 2025 15:08

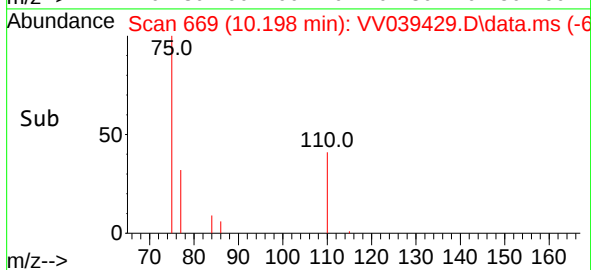
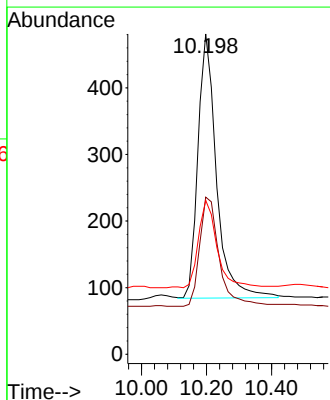
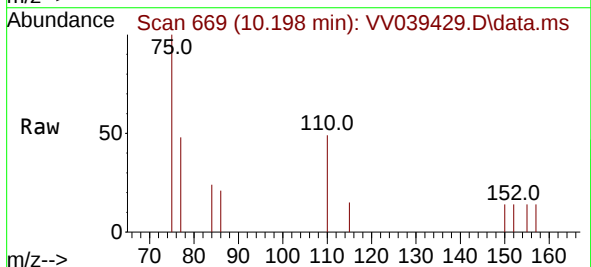
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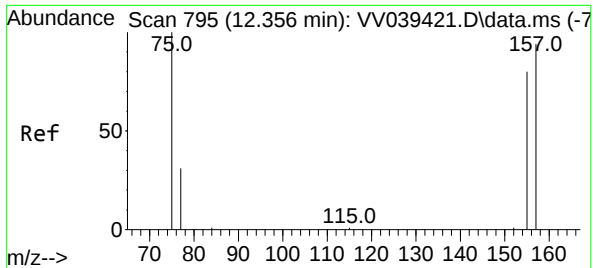
Tgt Ion:152 Resp: 3243
 Ion Ratio Lower Upper
 152 100
 115 54.0 0.0 105.4
 150 156.9 0.0 315.4



#12
 1,2,3-Trichloropropane
 Concen: 0.536 ug/L
 RT: 10.198 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: VV039429.D
 Acq: 25 Nov 2025 15:08

Tgt Ion: 75 Resp: 1571
 Ion Ratio Lower Upper
 75 100
 110 43.7 33.6 50.4
 77 33.2 28.3 42.5





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.512 ug/L
 RT: 12.357 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VV039429.D
 Acq: 25 Nov 2025 15:08

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5329

Tgt Ion:	75	Resp:	329
Ion	Ratio	Lower	Upper
75	100		
157	85.5	69.3	103.9
155	78.0	64.4	96.6

