

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112525\
 Data File : VV039419.D
 Acq On : 25 Nov 2025 09:16
 Operator : SY/MD
 Sample : VSTD0.05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.05255

Quant Time: Nov 26 03:49:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM112525.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 26 03:49:02 2025
 Response via : Initial Calibration

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

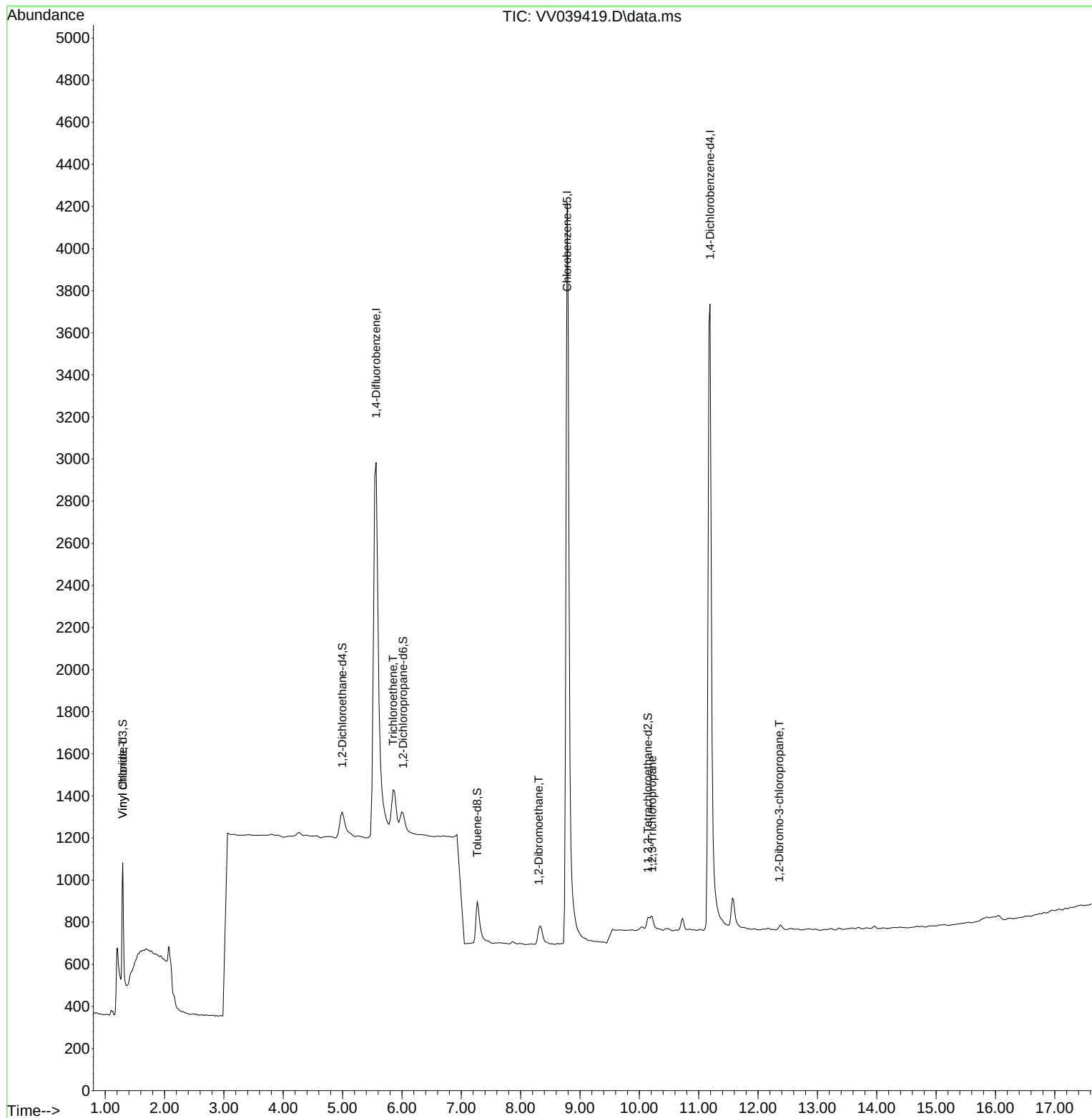
Internal Standards						
1) 1,4-Difluorobenzene	5.566	114	7910	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.785	117	7434	0.500	ug/L	-0.02
11) 1,4-Dichlorobenzene-d4	11.191	152	3861	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.294	65	491	0.065	ug/L	0.00
4) 1,2-Dichloroethane-d4	4.993	65	411	0.094	ug/L	0.02
7) 1,2-Dichloropropane-d6	6.019	67	198	0.047	ug/L	0.02
8) Toluene-d8	7.269	98	579	0.062	ug/L	0.02
10) 1,1,2,2-Tetrachloroeth...	10.146	84	152	0.051	ug/L	0.00
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.294	62	445	0.033	ug/L #	33
6) Trichloroethene	5.852	95	278	0.043	ug/L	90
9) 1,2-Dibromoethane	8.305	107	176	0.045	ug/L #	82
12) 1,2,3-Trichloropropane	10.214	75	161	0.042	ug/L	89
13) 1,2-Dibromo-3-chloropr...	12.356	75	27	0.031	ug/L	94

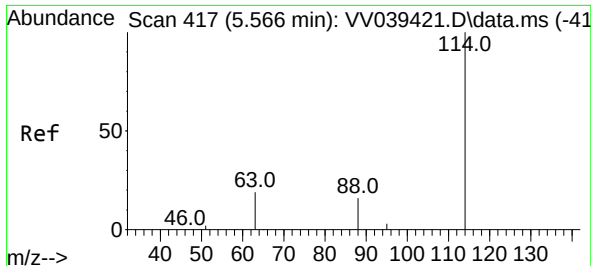
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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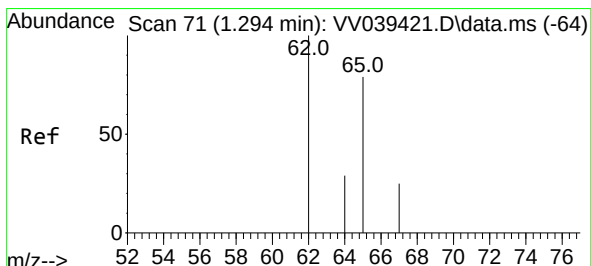
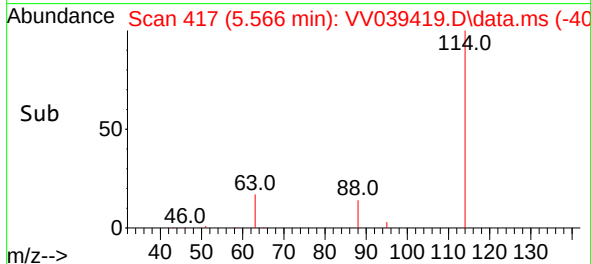
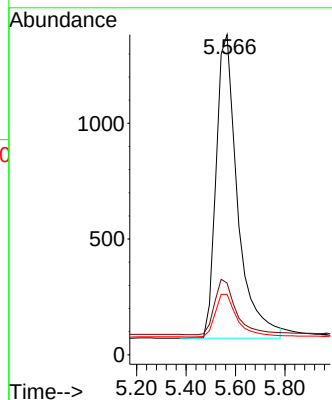
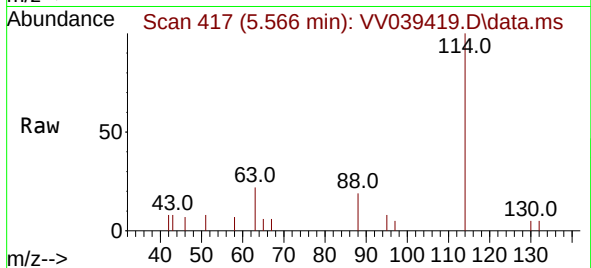




#1
 1,4-Difluorobenzene
 Concen: 0.500 ug/L
 RT: 5.566 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VV039419.D
 Acq: 25 Nov 2025 09:16

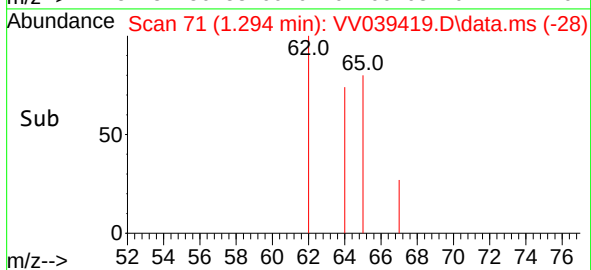
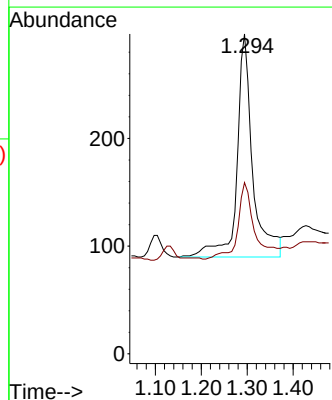
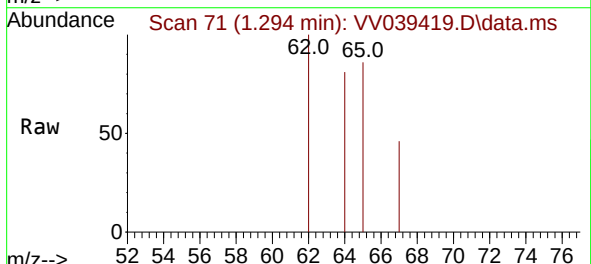
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.05255

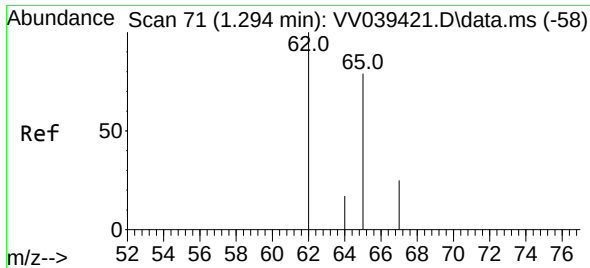
Tgt Ion:	114	Resp:	7910
Ion	Ratio	Lower	Upper
114	100		
63	18.2	15.8	23.6
88	14.5	12.4	18.6



#2
 Vinyl Chloride-d3
 Concen: 0.065 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039419.D
 Acq: 25 Nov 2025 09:16

Tgt Ion:	65	Resp:	491
Ion	Ratio	Lower	Upper
65	100		
67	36.5	23.0	42.8

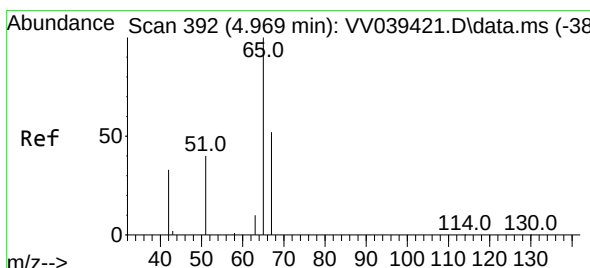
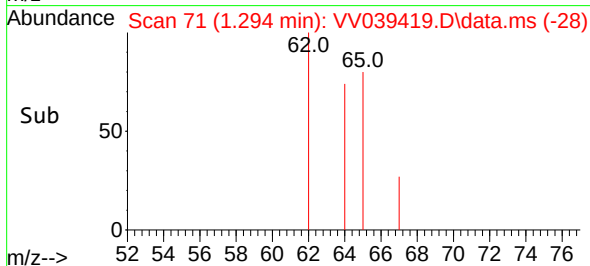
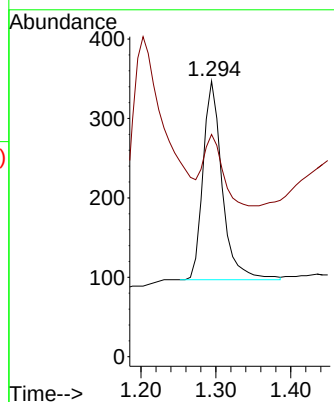
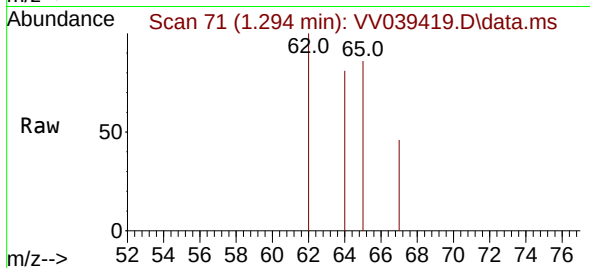




#3
 Vinyl chloride
 Concen: 0.033 ug/L
 RT: 1.294 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039419.D
 Acq: 25 Nov 2025 09:16

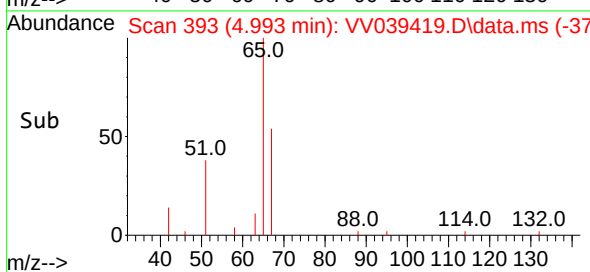
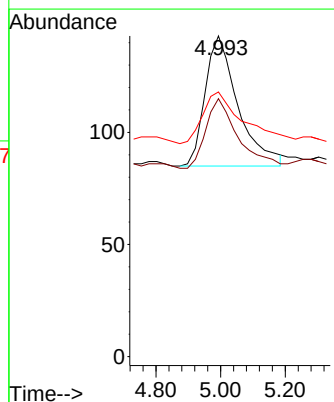
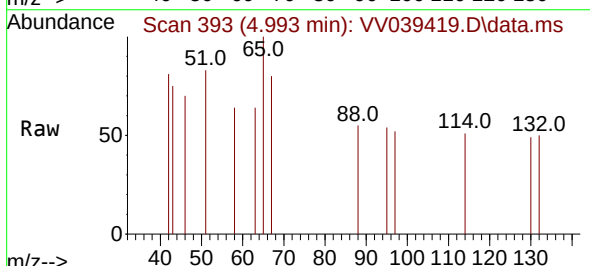
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.05255

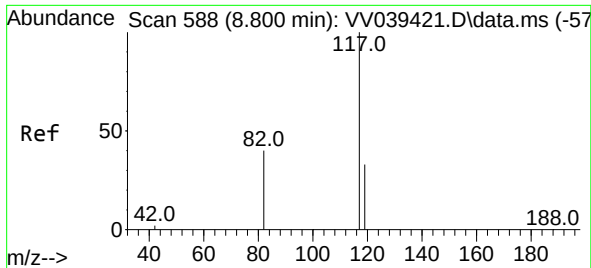
Tgt Ion: 62 Resp: 445
 Ion Ratio Lower Upper
 62 100
 64 80.7 27.6 51.4#



#4
 1,2-Dichloroethane-d4
 Concen: 0.094 ug/L
 RT: 4.993 min Scan# 393
 Delta R.T. 0.024 min
 Lab File: VV039419.D
 Acq: 25 Nov 2025 09:16

Tgt Ion: 65 Resp: 411
 Ion Ratio Lower Upper
 65 100
 67 52.6 37.0 68.8
 51 47.7 27.8 51.6

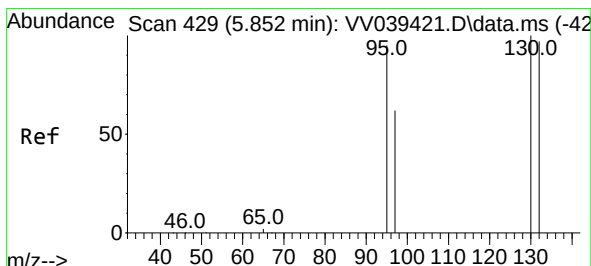
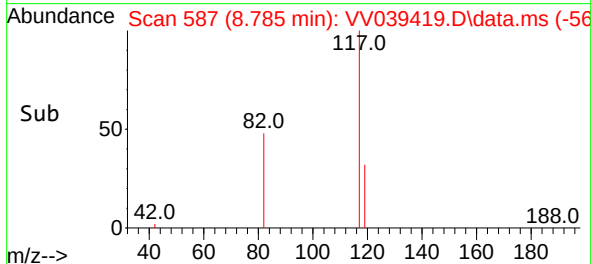
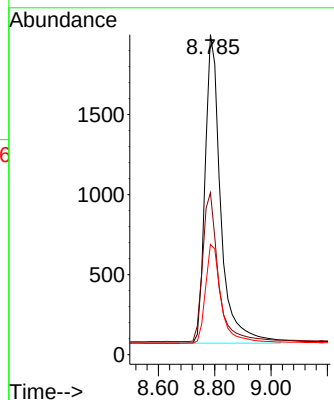
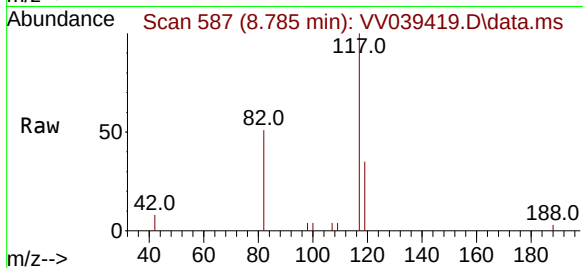




#5
Chlorobenzene-d5
Concen: 0.500 ug/L
RT: 8.785 min Scan# 511
Delta R.T. -0.015 min
Lab File: VV039419.D
Acq: 25 Nov 2025 09:16

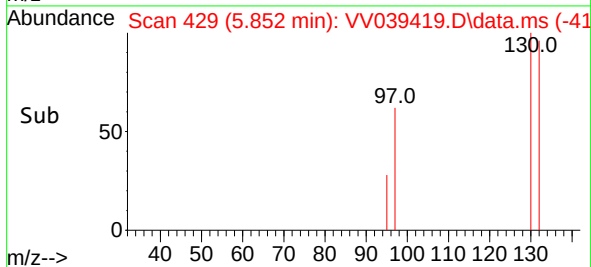
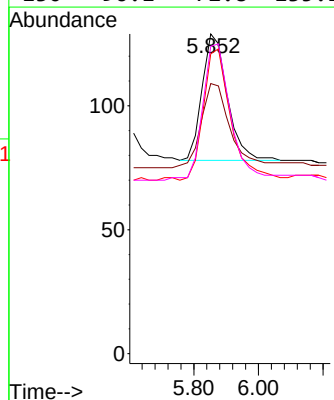
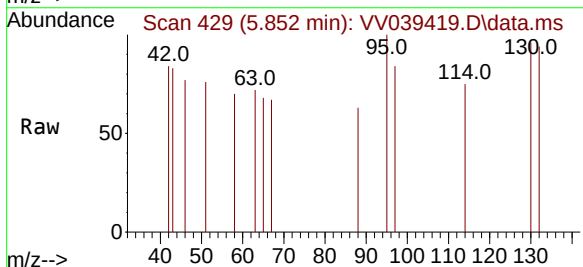
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.05255

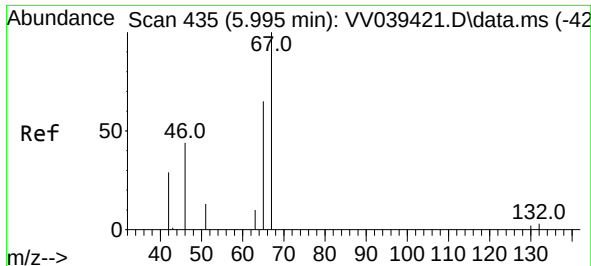
Tgt Ion:	117	Resp:	7434
Ion	Ratio	Lower	Upper
117	100		
82	48.2	38.2	57.4
119	32.6	25.7	38.5



#6
Trichloroethene
Concen: 0.043 ug/L
RT: 5.852 min Scan# 429
Delta R.T. 0.000 min
Lab File: VV039419.D
Acq: 25 Nov 2025 09:16

Tgt Ion:	95	Resp:	278
Ion	Ratio	Lower	Upper
95	100		
97	84.5	48.5	90.1
132	93.8	70.8	131.6
130	96.1	72.8	135.2



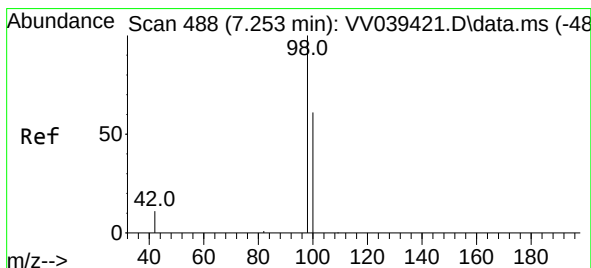
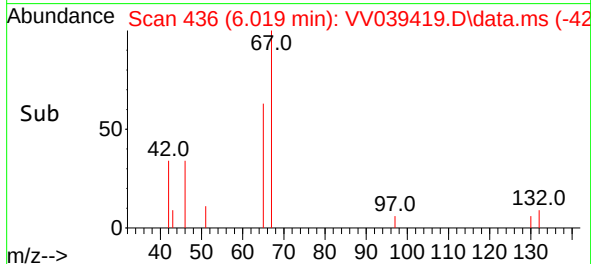
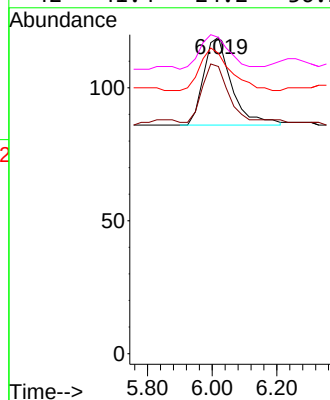
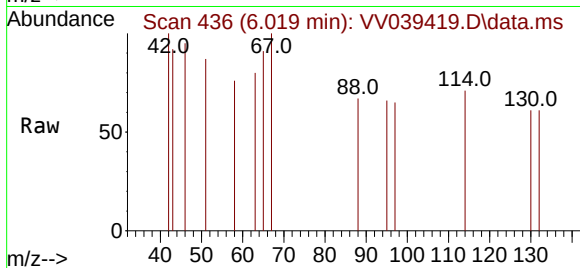


#7
 1,2-Dichloropropane-d6
 Concen: 0.047 ug/L
 RT: 6.019 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: VV039419.D
 Acq: 25 Nov 2025 09:16

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.05255

Tgt Ion: 67 Resp: 198

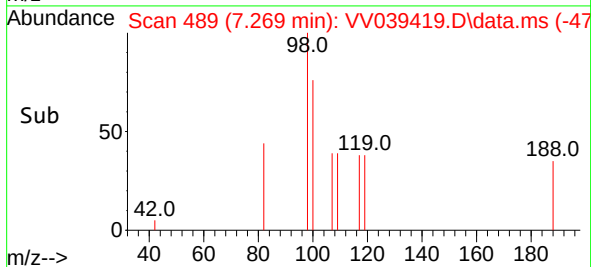
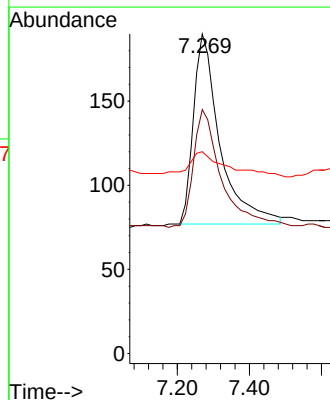
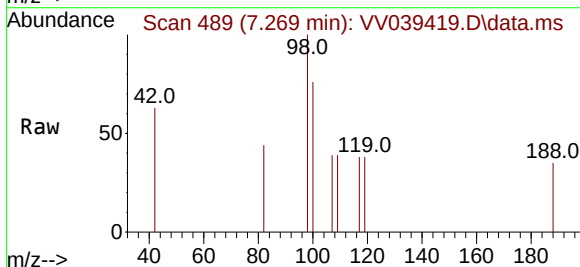
Ion	Ratio	Lower	Upper
67	100		
65	61.6	49.8	74.8
46	52.0	35.8	53.6
42	41.4	24.2	36.2

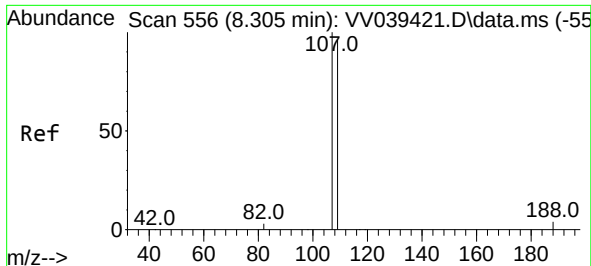


#8
 Toluene-d8
 Concen: 0.062 ug/L
 RT: 7.269 min Scan# 489
 Delta R.T. 0.016 min
 Lab File: VV039419.D
 Acq: 25 Nov 2025 09:16

Tgt Ion: 98 Resp: 579

Ion	Ratio	Lower	Upper
98	100		
100	62.2	43.1	80.1
42	16.1	7.8	14.4

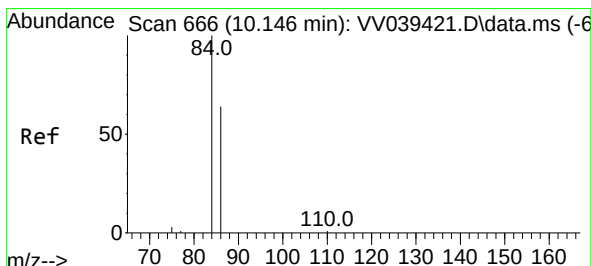
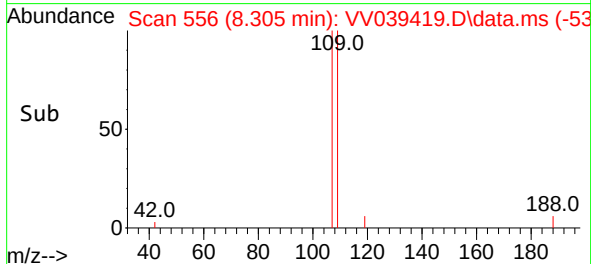
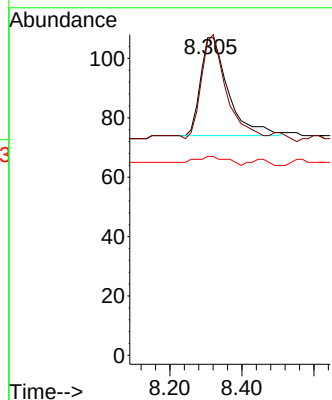
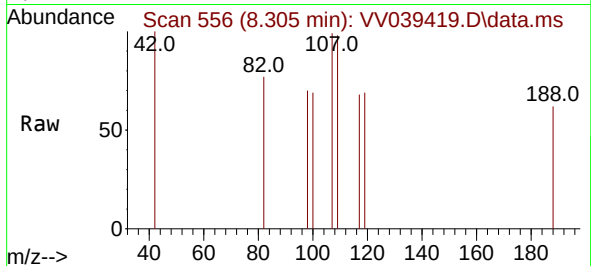




#9
 1,2-Dibromoethane
 Concen: 0.045 ug/L
 RT: 8.305 min Scan# 556
 Delta R.T. 0.000 min
 Lab File: VV039419.D
 Acq: 25 Nov 2025 09:16

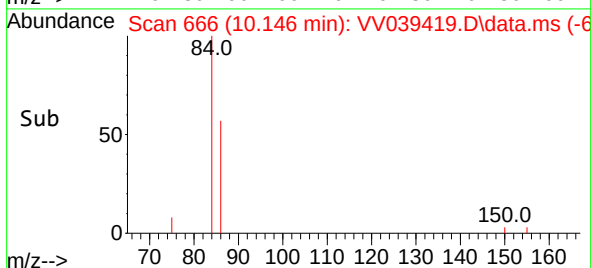
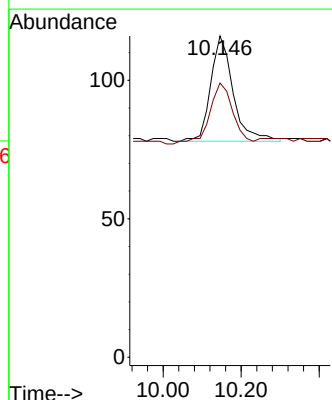
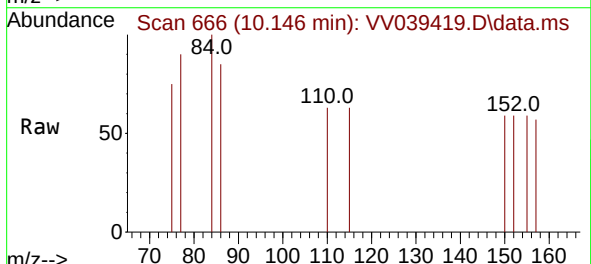
Instrument :
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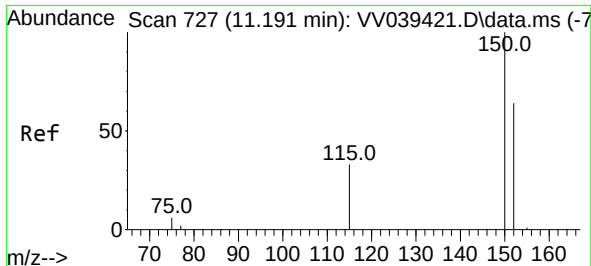
Tgt Ion:107 Resp: 176
 Ion Ratio Lower Upper
 107 100
 109 99.1 67.8 125.8
 188 62.6 12.8 19.2#



#10
 1,1,2,2-Tetrachloroethane-d2
 Concen: 0.051 ug/L
 RT: 10.146 min Scan# 666
 Delta R.T. 0.000 min
 Lab File: VV039419.D
 Acq: 25 Nov 2025 09:16

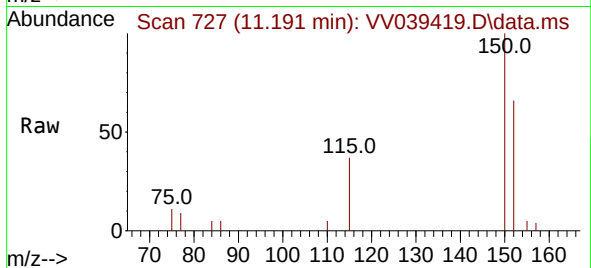
Tgt Ion: 84 Resp: 152
 Ion Ratio Lower Upper
 84 100
 86 60.5 45.4 84.4



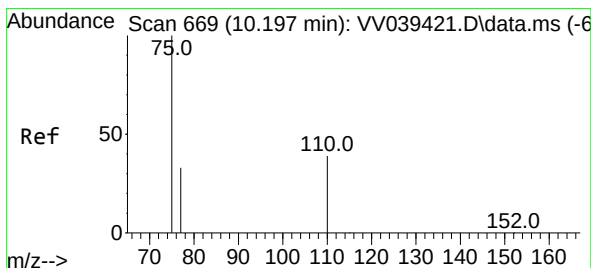
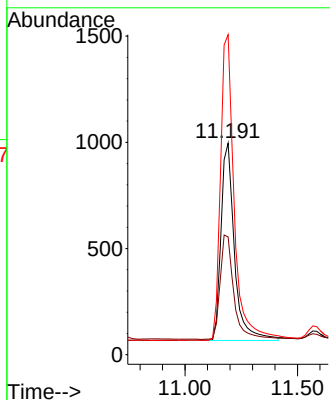
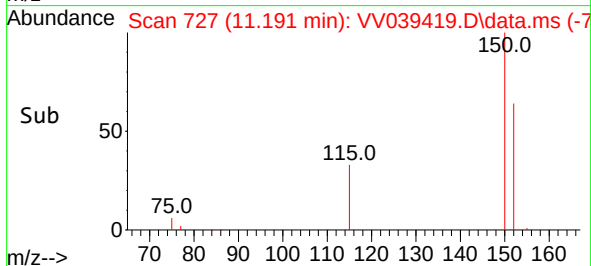


#11
 1,4-Dichlorobenzene-d4
 Concen: 0.500 ug/L
 RT: 11.191 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV039419.D
 Acq: 25 Nov 2025 09:16

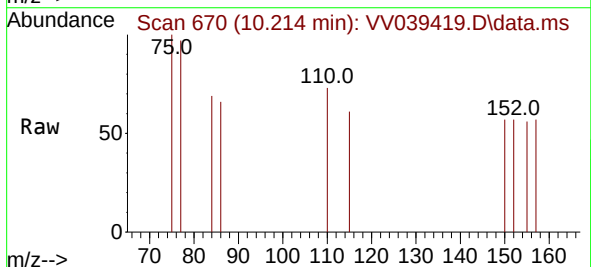
Instrument :
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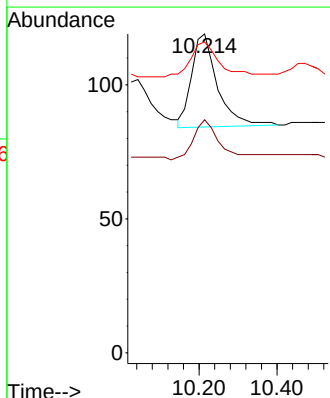
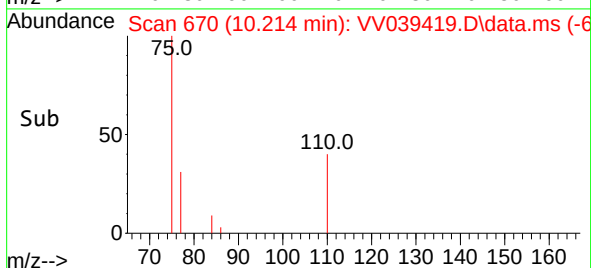
Tgt Ion:152 Resp: 3861
 Ion Ratio Lower Upper
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 115 53.7 0.0 105.4
 150 156.9 0.0 315.4

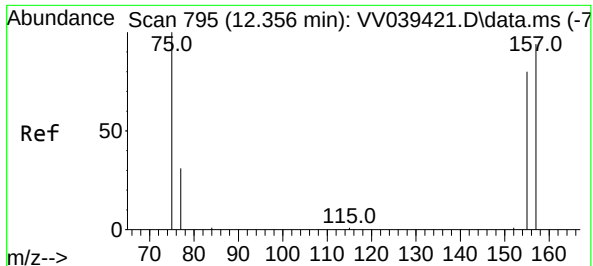


#12
 1,2,3-Trichloropropane
 Concen: 0.042 ug/L
 RT: 10.214 min Scan# 670
 Delta R.T. 0.017 min
 Lab File: VV039419.D
 Acq: 25 Nov 2025 09:16



Tgt Ion: 75 Resp: 161
 Ion Ratio Lower Upper
 75 100
 110 49.7 33.6 50.4
 77 41.6 28.3 42.5





#13

1,2-Dibromo-3-chloropropane

Concen: 0.031 ug/L

RT: 12.356 min Scan# 795

Delta R.T. 0.000 min

Lab File: VV039419.D

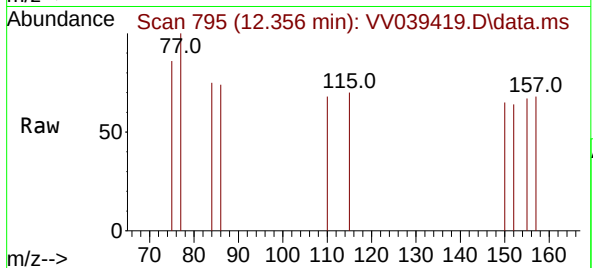
Acq: 25 Nov 2025 09:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.05255



Tgt Ion: 75 Resp: 27

Ion Ratio Lower Upper

75 100

157 79.1 69.3 103.9

155 78.0 64.4 96.6

