

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012225\
 Data File : VW038500.D
 Acq On : 22 Jan 2025 15:36
 Operator : SY/MD
 Sample : MDL07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 23 01:39:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 01:38:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	193533	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	200246	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	88881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	57790	3.621	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.529	69	52785	3.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.053	65	28315	3.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.860	46	44698	13.316	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	26.640%#
24) Chloroform-d	4.240	84	123639	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	4.941	65	60863	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	4.953	84	227199	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	5.982	67	76405	4.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.236	98	181296	3.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.558	79	23402	3.816	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.027	63	78470	32.435	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.880%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	58481	4.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.551	152	68297	4.540	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	6054	0.279	ug/L	97
3) Chloromethane	1.214	50	6166	0.278	ug/L	93
5) Vinyl chloride	1.282	62	6467	0.289	ug/L	84
6) Bromomethane	1.487	94	3273	0.292	ug/L	89
8) Chloroethane	1.548	64	3745	0.279	ug/L	94
9) Trichlorofluoromethane	1.709	101	8344	0.293	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5609	0.344	ug/L	94
12) 1,1-Dichloroethene	2.066	96	5352	0.334	ug/L #	1
14) Carbon disulfide	2.236	76	15674	0.291	ug/L #	93
16) Methylene chloride	2.442	84	5476	0.308	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	8593	0.254	ug/L #	94
18) trans-1,2-Dichloroethene	2.696	96	4700	0.285	ug/L	98
19) 1,1-Dichloroethane	3.108	63	8559	0.273	ug/L	94
22) cis-1,2-Dichloroethene	3.831	96	3916	0.233	ug/L	96
25) Chloroform	4.278	83	9645	0.311	ug/L	94
29) 1,1,1-Trichloroethane	4.506	97	7923	0.298	ug/L	96
30) Cyclohexane	4.568	56	6433	0.265	ug/L #	92
31) Carbon tetrachloride	4.732	117	6803	0.289	ug/L	97
33) Benzene	5.008	78	15853	0.249	ug/L	100

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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 01:38:03 2025
 Response via : Initial Calibration

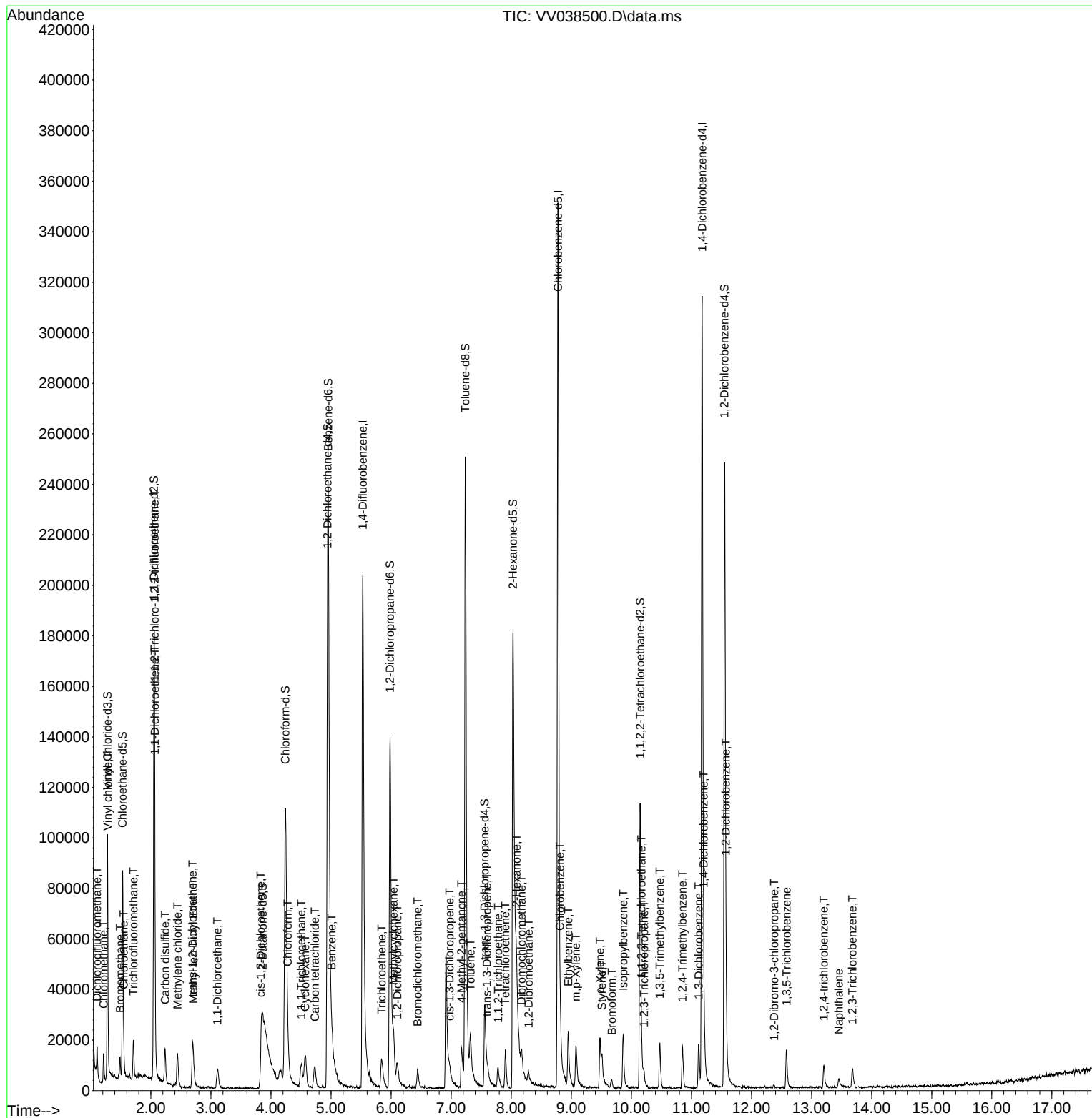
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	5.841	95	4612	0.279	ug/L	97
35) Methylcyclohexane	6.040	83	6536	0.259	ug/L	94
37) 1,2-Dichloropropane	6.101	63	3495	0.213	ug/L #	88
38) Bromodichloromethane	6.439	83	5906	0.277	ug/L	96
39) cis-1,3-Dichloropropene	6.976	75	5713	0.252	ug/L	95
40) 4-Methyl-2-pentanone	7.172	43	13813	1.626	ug/L #	84
42) Toluene	7.323	91	15894	0.240	ug/L	95
44) trans-1,3-Dichloropropene	7.596	75	5715	0.298	ug/L	95
45) 1,1,2-Trichloroethane	7.780	97	3593	0.304	ug/L	92
47) Tetrachloroethene	7.902	164	3264	0.255	ug/L	94
48) 2-Hexanone	8.088	43	32619	5.302	ug/L #	82
49) Dibromochloromethane	8.172	129	3839	0.282	ug/L	99
50) 1,2-Dibromoethane	8.291	107	3288	0.299	ug/L #	90
51) Chlorobenzene	8.812	112	12240	0.274	ug/L #	86
52) Ethylbenzene	8.950	91	16209	0.227	ug/L	99
53) m,p-Xylene	9.079	106	6241	0.231	ug/L	81
54) o-Xylene	9.477	106	5479	0.213	ug/L	99
55) Styrene	9.509	104	7192	0.160	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.169	83	3577	0.249	ug/L #	83
59) Bromoform	9.673	173	1603	0.259	ug/L #	97
60) Isopropylbenzene	9.866	105	15315	0.256	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	2211	0.259	ug/L #	78
62) 1,3,5-Trimethylbenzene	10.474	105	9936	0.212	ug/L	90
63) 1,2,4-Trimethylbenzene	10.850	105	9635	0.206	ug/L	95
64) 1,3-Dichlorobenzene	11.120	146	7480	0.252	ug/L	93
65) 1,4-Dichlorobenzene	11.204	146	8526	0.278	ug/L	91
67) 1,2-Dichlorobenzene	11.574	146	8516	0.307	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.378	75	424	0.240	ug/L #	62
69) 1,3,5-Trichlorobenzene	12.583	180	5502	0.270	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	4078	0.269	ug/L	85
71) Naphthalene	13.455	128	4439	0.198	ug/L #	86
72) 1,2,3-Trichlorobenzene	13.680	180	3328	0.254	ug/L	99

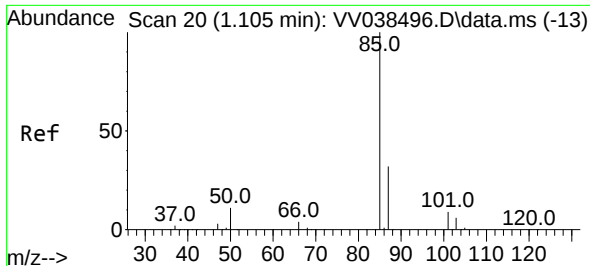
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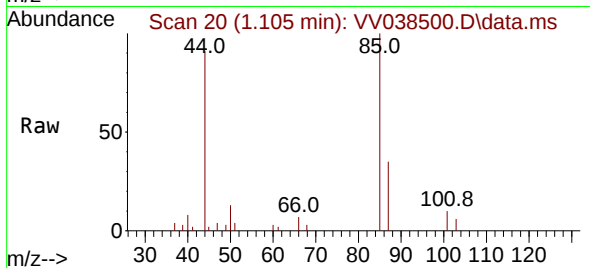
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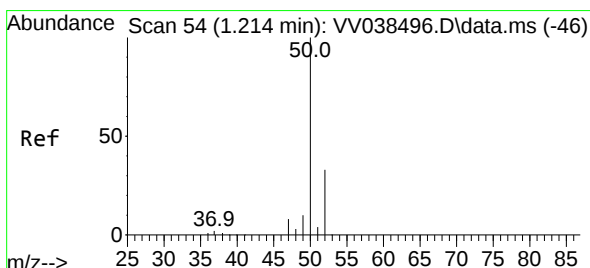
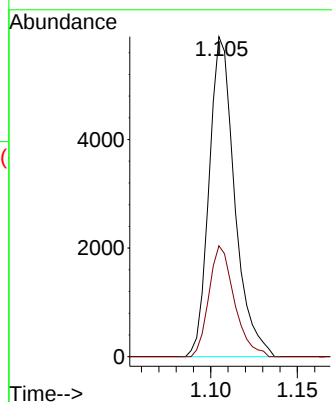
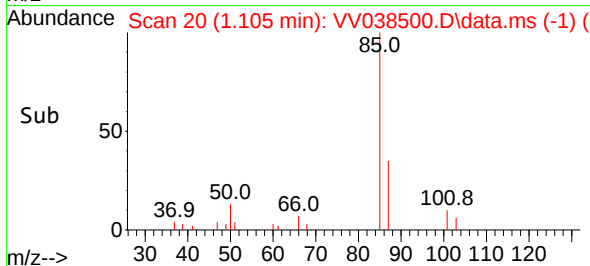


#2
 Dichlorodifluoromethane
 Concen: 0.279 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038500.D
 Acq: 22 Jan 2025 15:36

Instrument :
 MSVOA_V
 ClientSampleId :

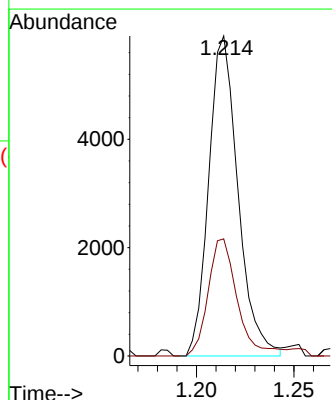
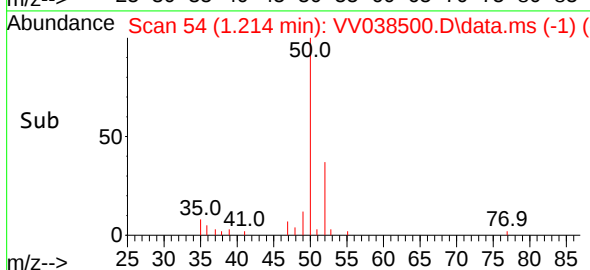
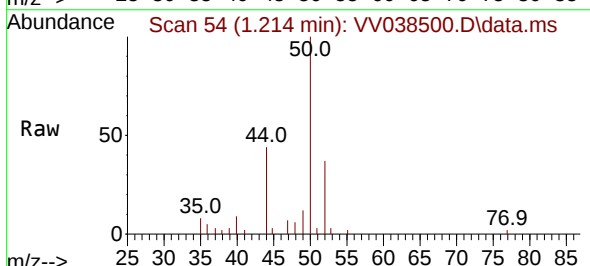


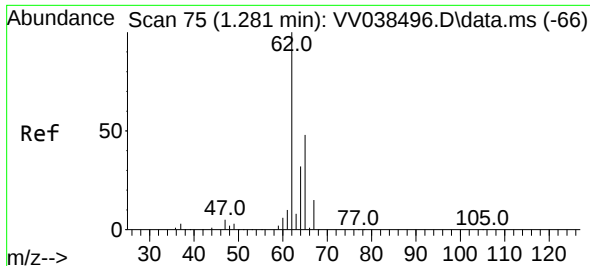
Tgt Ion: 85 Resp: 6054
 Ion Ratio Lower Upper
 85 100
 87 34.4 26.0 39.0



#3
 Chloromethane
 Concen: 0.278 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038500.D
 Acq: 22 Jan 2025 15:36

Tgt Ion: 50 Resp: 6166
 Ion Ratio Lower Upper
 50 100
 52 36.6 23.0 42.6





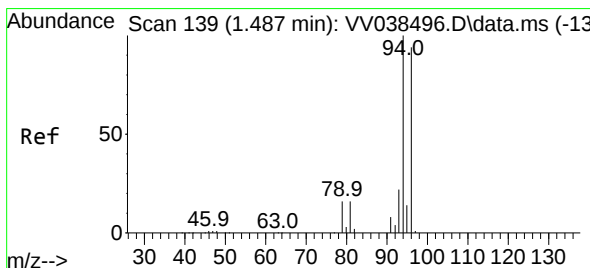
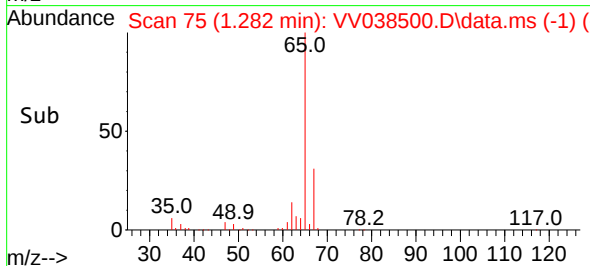
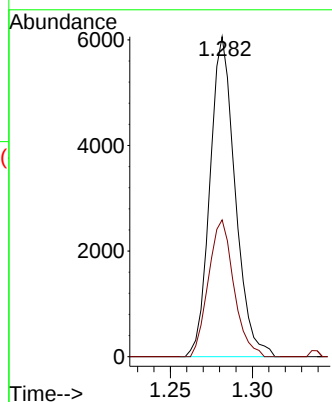
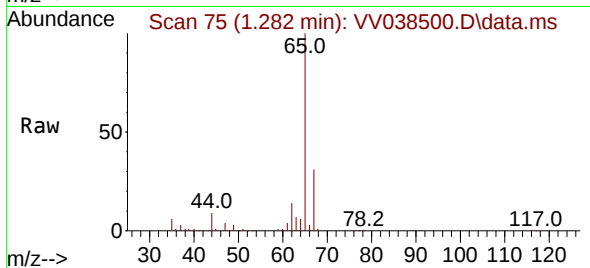
#5
 Vinyl chloride
 Concen: 0.289 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038500.D
 Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

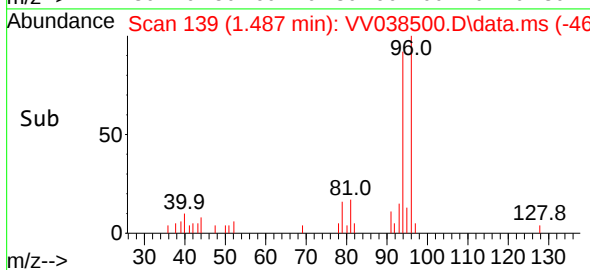
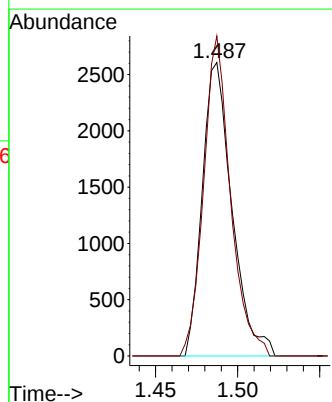
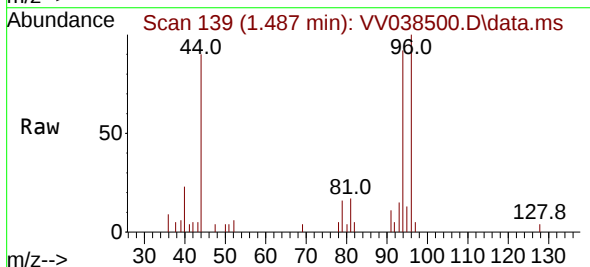
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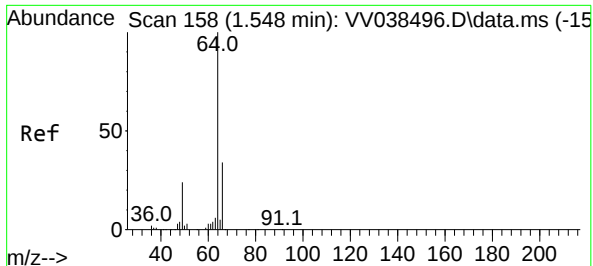
Tgt Ion: 62 Resp: 6467
 Ion Ratio Lower Upper
 62 100
 64 42.7 23.5 43.7



#6
 Bromomethane
 Concen: 0.292 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV038500.D
 Acq: 22 Jan 2025 15:36

Tgt Ion: 94 Resp: 3273
 Ion Ratio Lower Upper
 94 100
 96 109.1 68.9 127.9

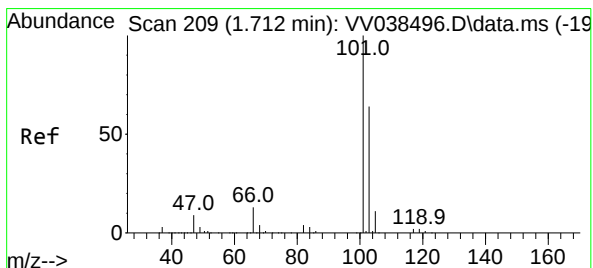
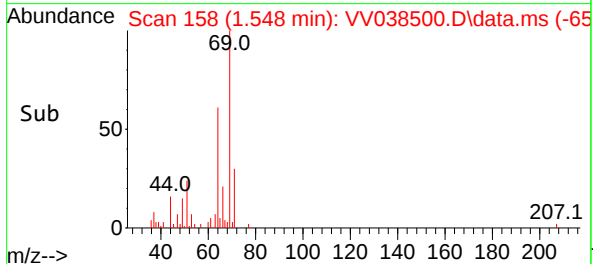
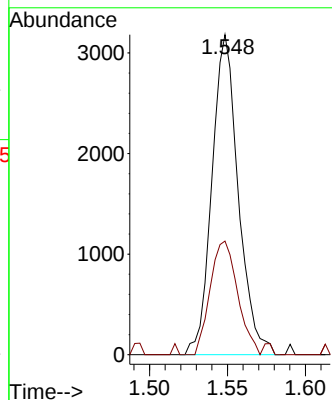
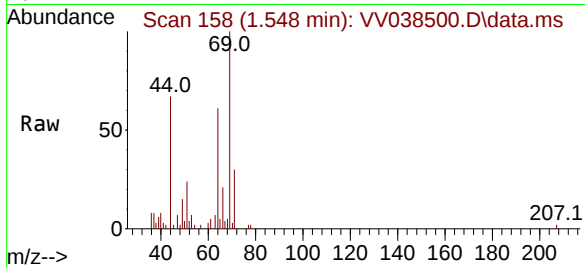




#8
Chloroethane
Concen: 0.279 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36

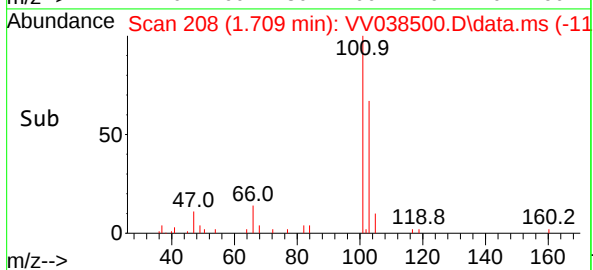
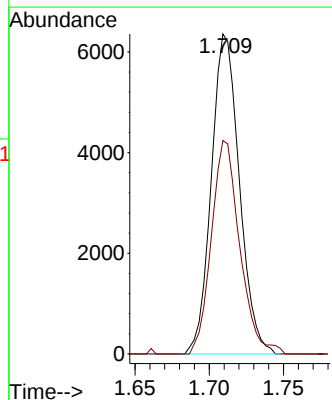
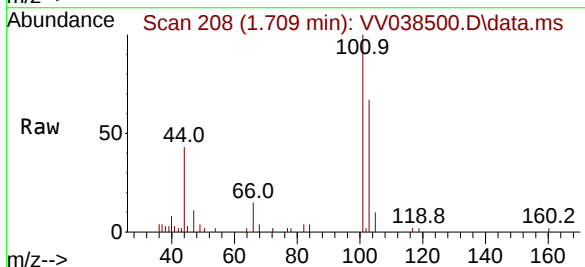
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MSVOA_V
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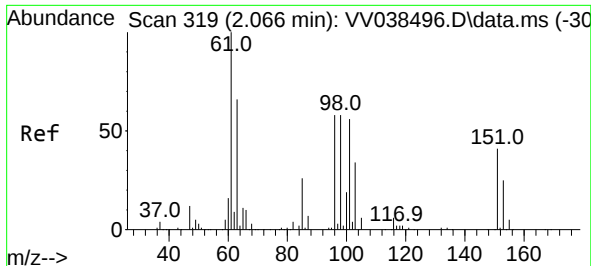
Tgt Ion: 64 Resp: 3745
Ion Ratio Lower Upper
64 100
66 35.5 22.7 42.1



#9
Trichlorofluoromethane
Concen: 0.293 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36

Tgt Ion:101 Resp: 8344
Ion Ratio Lower Upper
101 100
103 67.5 51.5 77.3

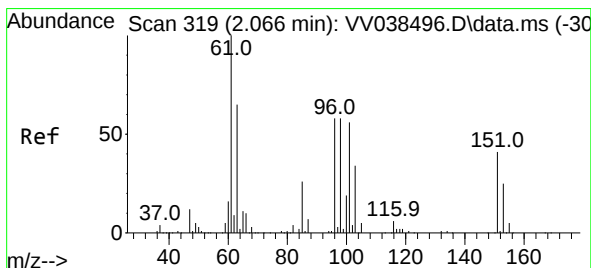
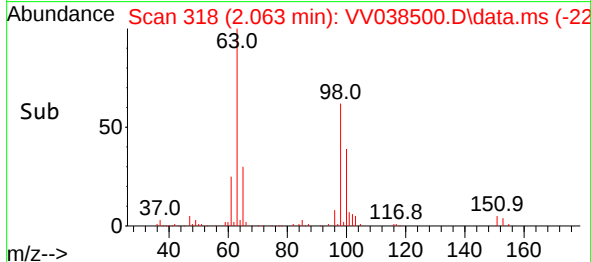
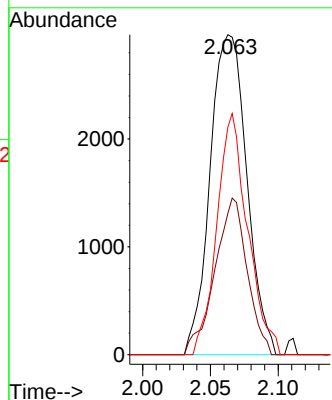
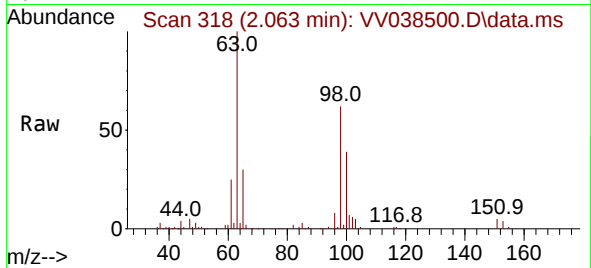




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.344 ug/L
 RT: 2.063 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV038500.D
 Acq: 22 Jan 2025 15:36

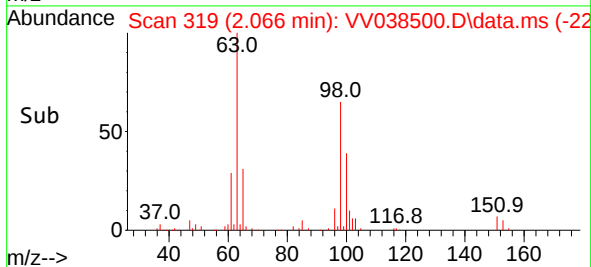
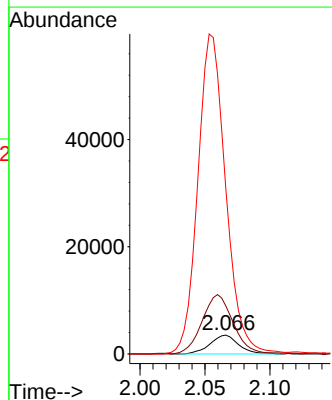
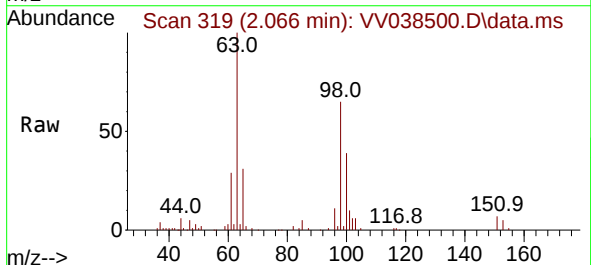
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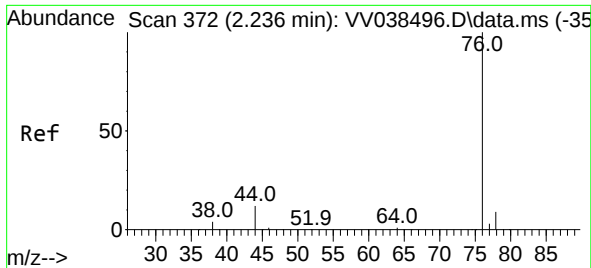
Tgt Ion:101 Resp: 5609
 Ion Ratio Lower Upper
 101 100
 85 43.0 35.2 52.8
 151 63.0 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 0.334 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038500.D
 Acq: 22 Jan 2025 15:36

Tgt Ion: 96 Resp: 5352
 Ion Ratio Lower Upper
 96 100
 61 254.2 122.2 227.0#
 63 875.6 86.2 160.0#

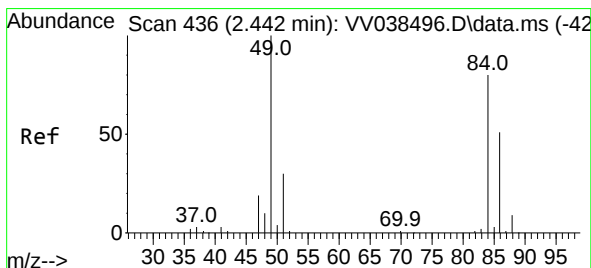
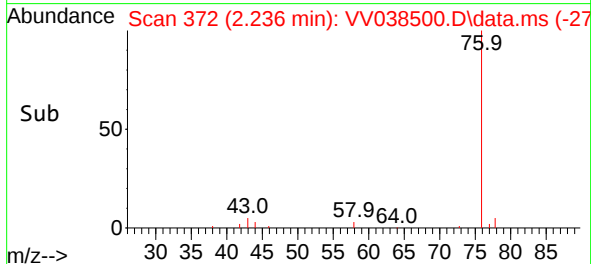
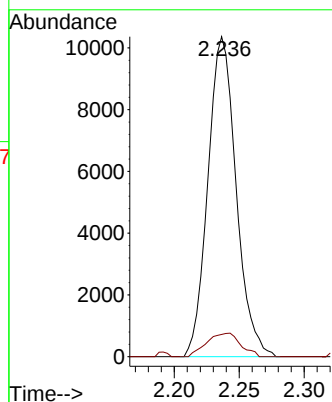
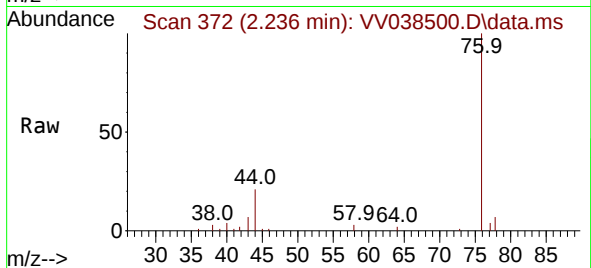




#14
Carbon disulfide
Concen: 0.291 ug/L
RT: 2.236 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36

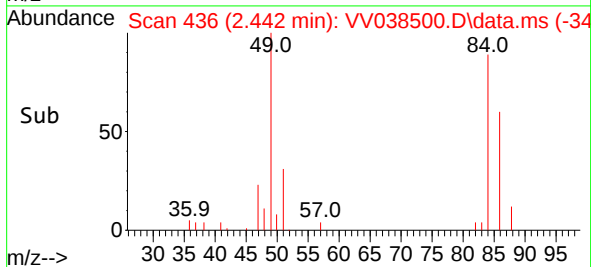
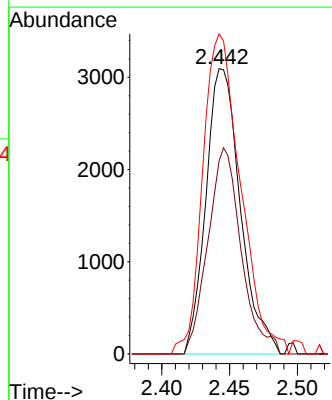
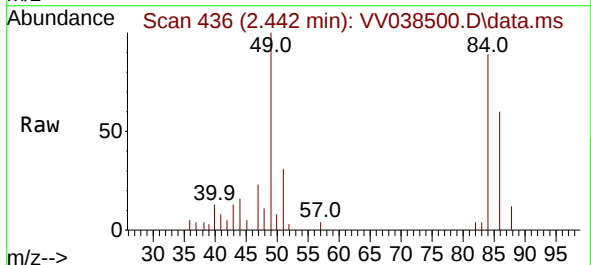
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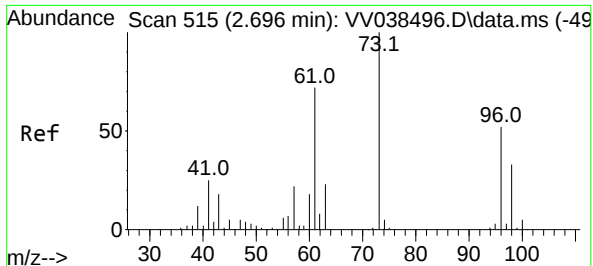
Tgt Ion: 76 Resp: 15674
Ion Ratio Lower Upper
76 100
78 6.9 7.6 11.4#



#16
Methylene chloride
Concen: 0.308 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
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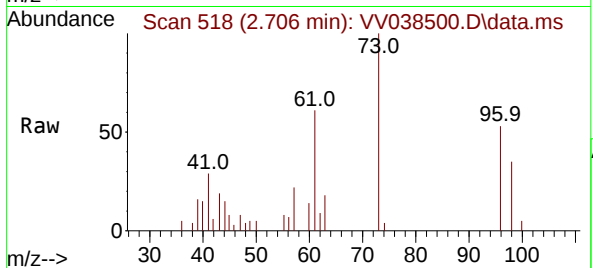
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Ion Ratio Lower Upper
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86 67.6 44.7 82.9
49 112.2 84.1 156.1



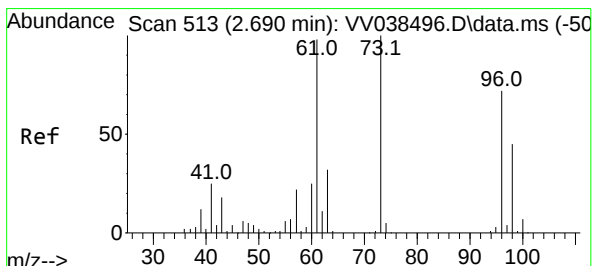
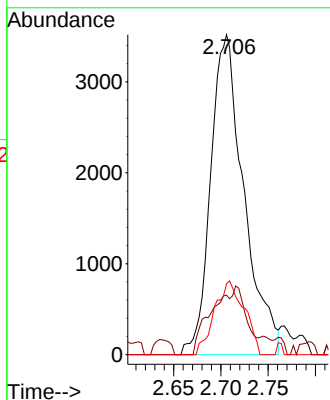
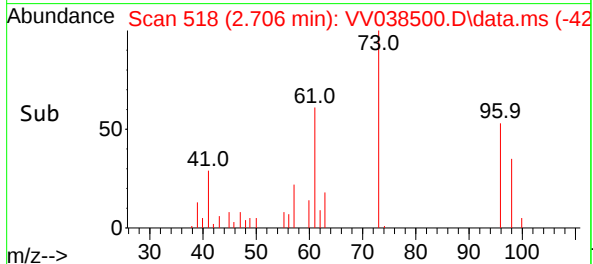


#17
Methyl tert-butyl Ether
Concen: 0.254 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.010 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36

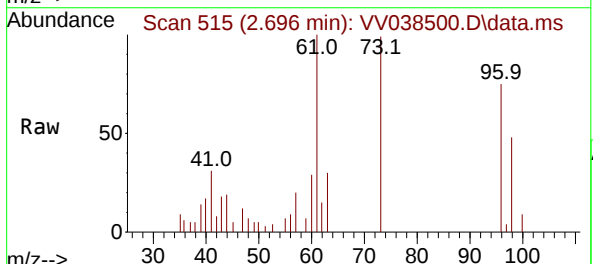
Instrument :
MSVOA_V
ClientSampleId :



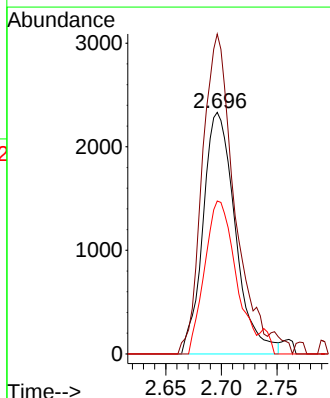
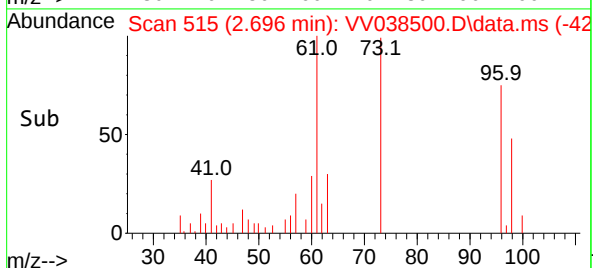
Tgt Ion: 73 Resp: 8593
Ion Ratio Lower Upper
73 100
43 22.2 14.6 21.8#
57 20.6 17.9 26.9

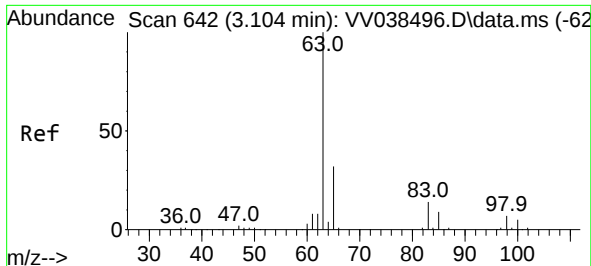


#18
trans-1,2-Dichloroethene
Concen: 0.285 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.007 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36



Tgt Ion: 96 Resp: 4700
Ion Ratio Lower Upper
96 100
61 132.5 94.8 176.2
98 63.3 44.2 82.2





#19

1,1-Dichloroethane

Concen: 0.273 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV038500.D

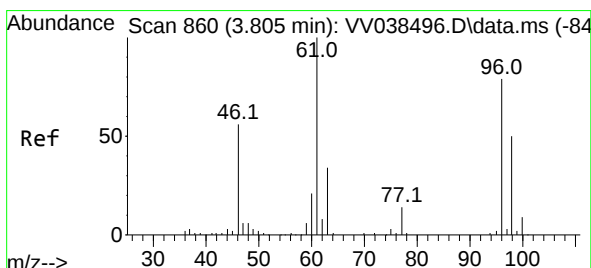
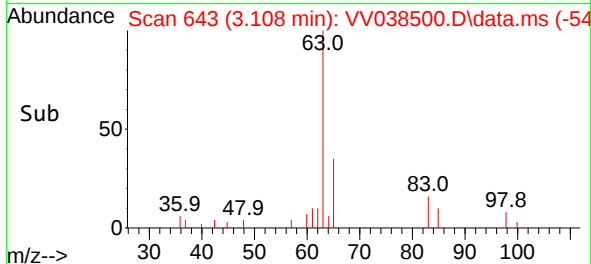
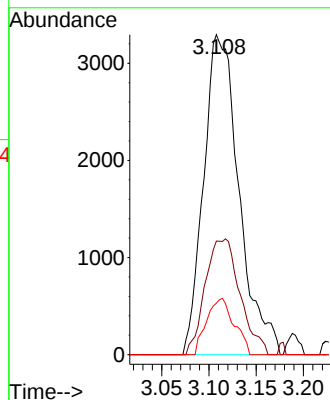
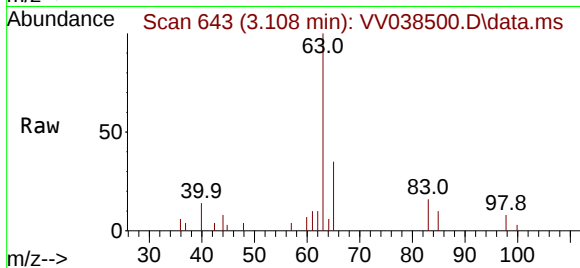
Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 8559
Ion Ratio	Lower Upper
63 100	
65 35.5	22.5 41.9
83 16.1	9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 0.233 ug/L

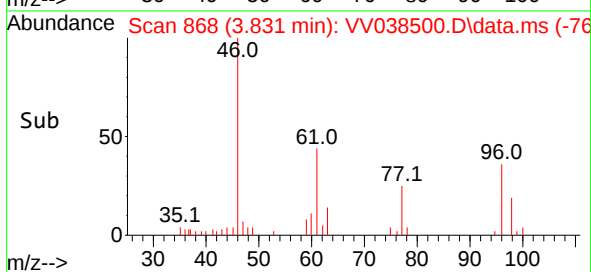
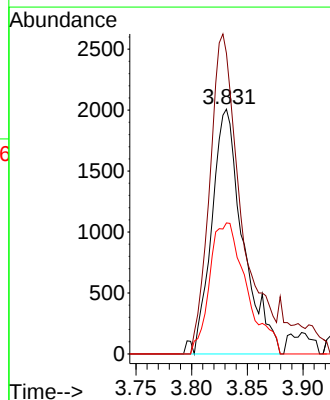
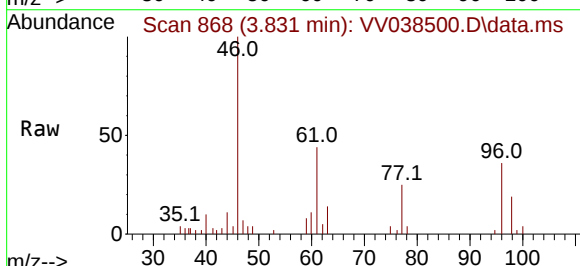
RT: 3.831 min Scan# 868

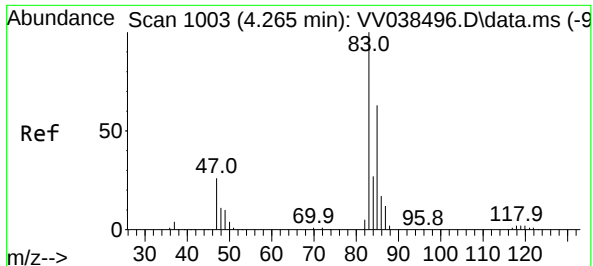
Delta R.T. 0.026 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

Tgt Ion: 96	Resp: 3916
Ion Ratio	Lower Upper
96 100	
61 122.8	86.5 160.7
98 53.5	43.8 81.3





#25

Chloroform

Concen: 0.311 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.013 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

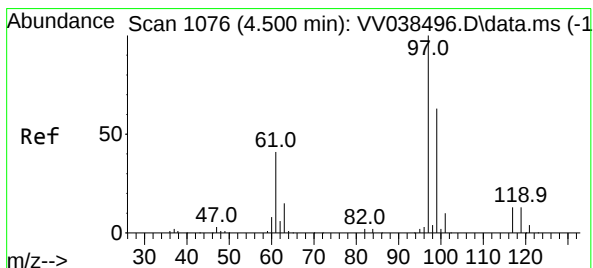
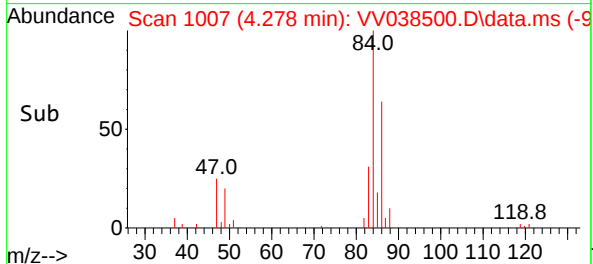
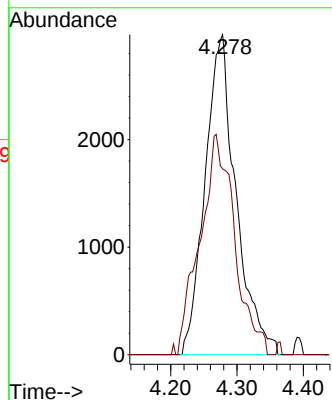
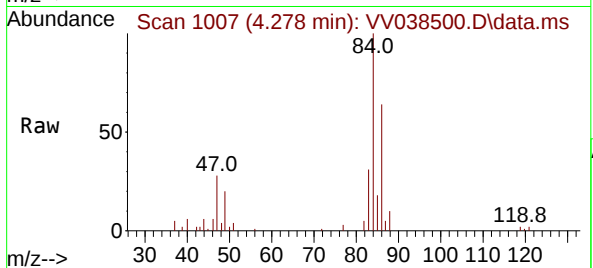
ClientSampleId :

Tgt Ion: 83 Resp: 9645

Ion Ratio Lower Upper

83 100

85 58.1 44.0 81.8



#29

1,1,1-Trichloroethane

Concen: 0.298 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.007 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

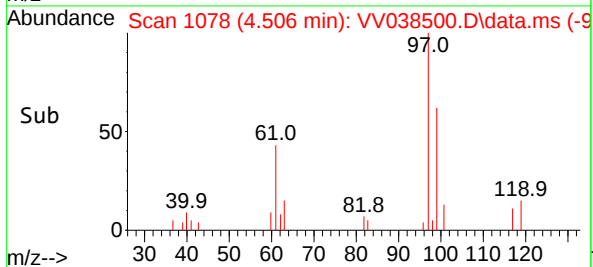
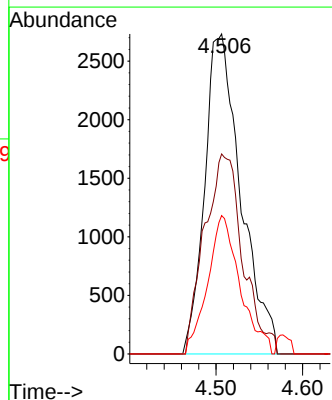
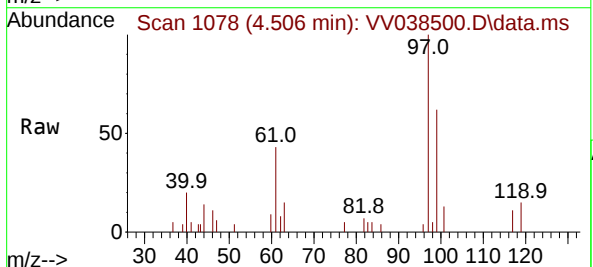
Tgt Ion: 97 Resp: 7923

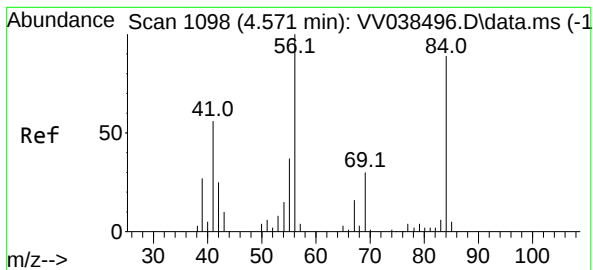
Ion Ratio Lower Upper

97 100

99 66.1 52.9 79.3

61 38.8 36.4 54.6





#30

Cyclohexane

Concen: 0.265 ug/L

RT: 4.568 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

ClientSampleId :

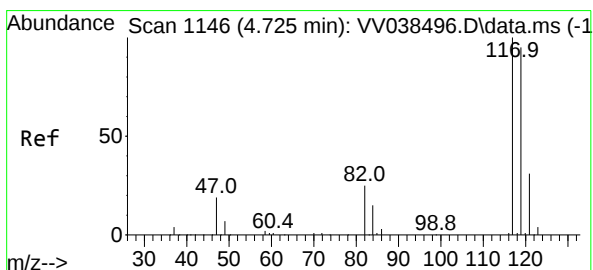
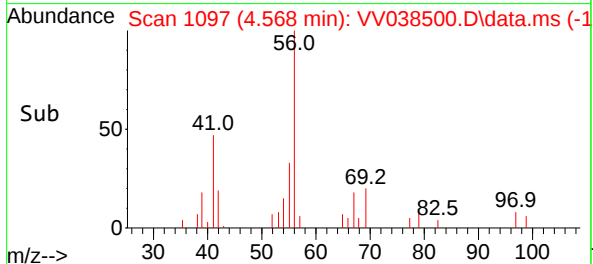
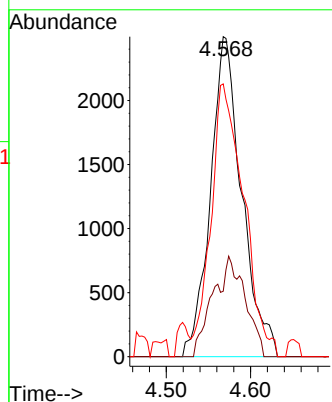
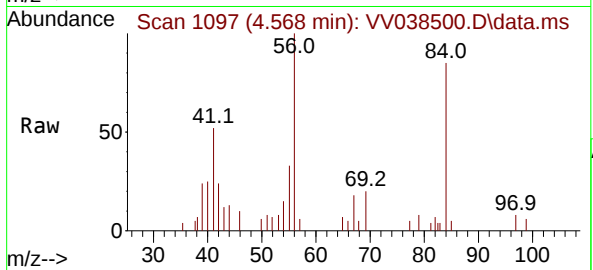
Tgt Ion: 56 Resp: 6433

Ion Ratio Lower Upper

56 100

69 21.4 24.7 37.1#

84 89.0 68.2 102.2



#31

Carbon tetrachloride

Concen: 0.289 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.007 min

Lab File: VV038500.D

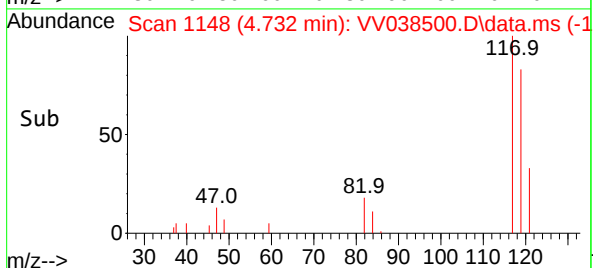
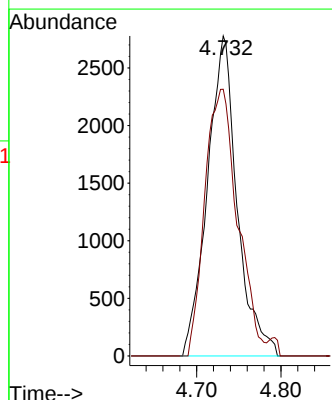
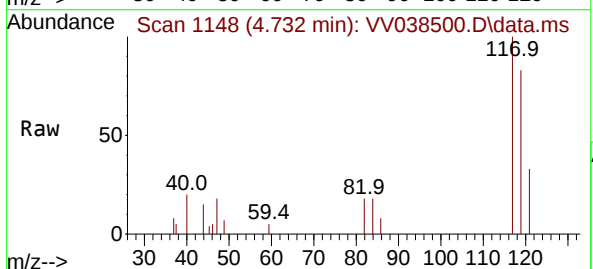
Acq: 22 Jan 2025 15:36

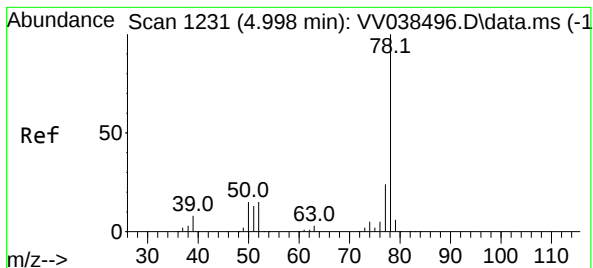
Tgt Ion: 117 Resp: 6803

Ion Ratio Lower Upper

117 100

119 92.4 76.6 115.0





#33

Benzene

Concen: 0.249 ug/L

RT: 5.008 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV038500.D

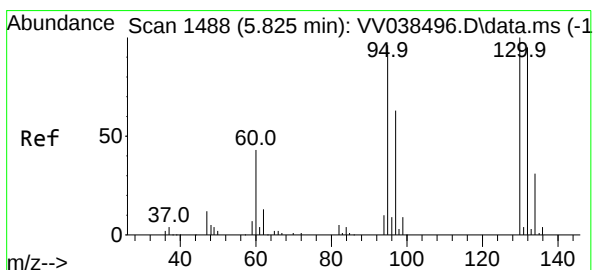
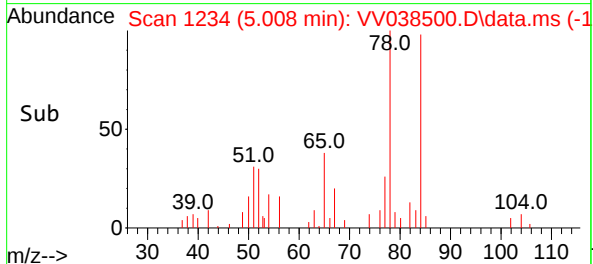
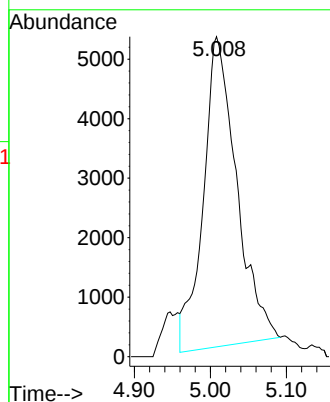
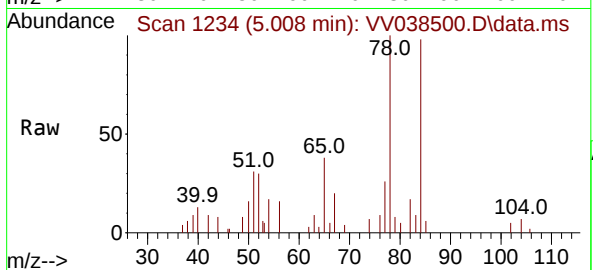
Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 15853



#34

Trichloroethene

Concen: 0.279 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.016 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

Tgt Ion: 95 Resp: 4612

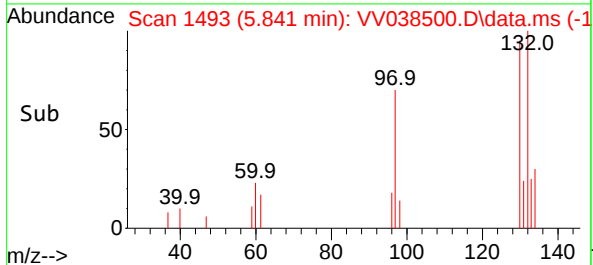
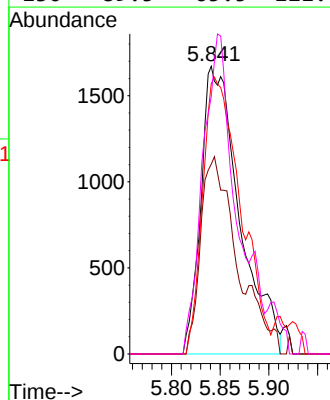
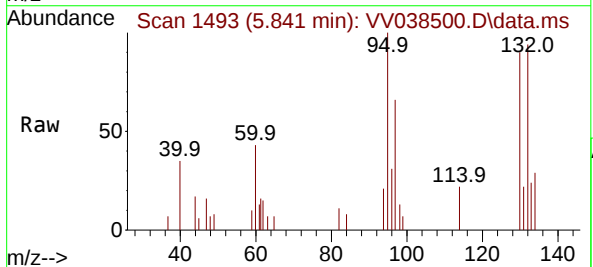
Ion Ratio Lower Upper

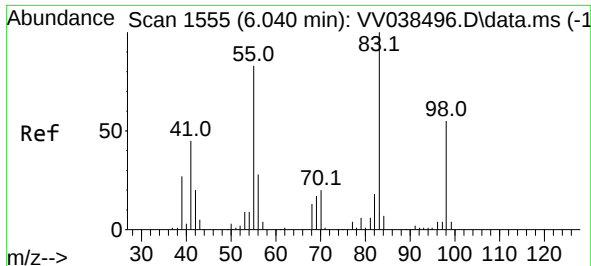
95 100

97 65.9 43.4 80.6

132 94.0 65.5 121.6

130 89.5 65.5 121.6





#35

Methylcyclohexane

Concen: 0.259 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038500.D

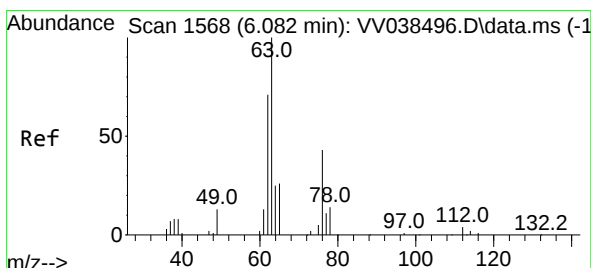
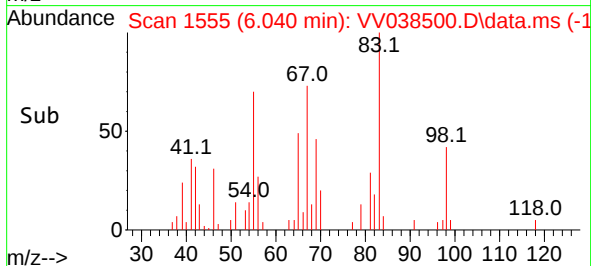
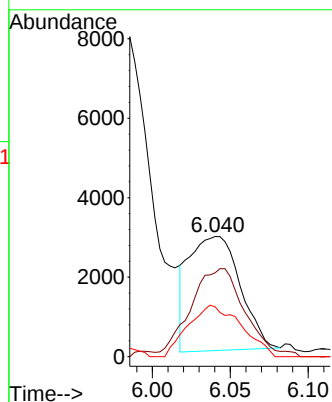
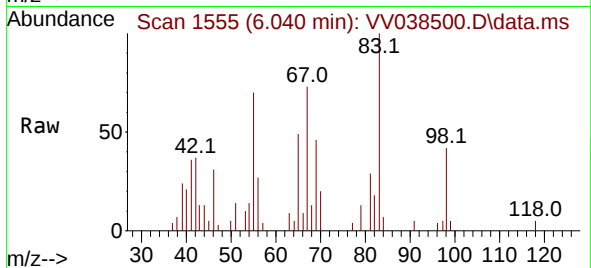
Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 6536
Ion Ratio	Lower Upper
83 100	
55 82.1	59.4 89.0
98 47.0	37.8 56.8



#37

1,2-Dichloropropane

Concen: 0.213 ug/L

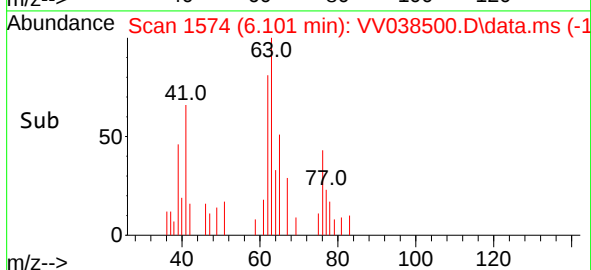
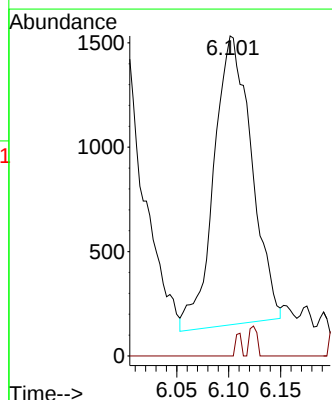
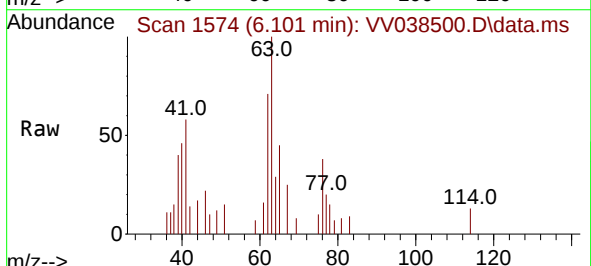
RT: 6.101 min Scan# 1574

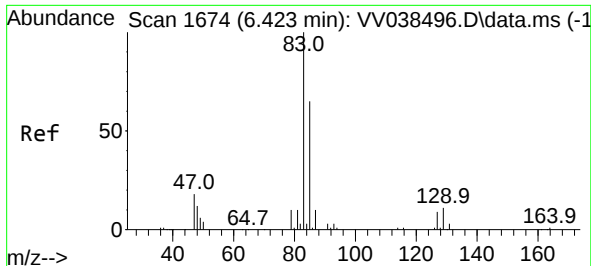
Delta R.T. 0.019 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

Tgt Ion: 63	Resp: 3495		
Ion Ratio	Lower	Upper	
63 100			
112 1.2	4.1	6.1#	

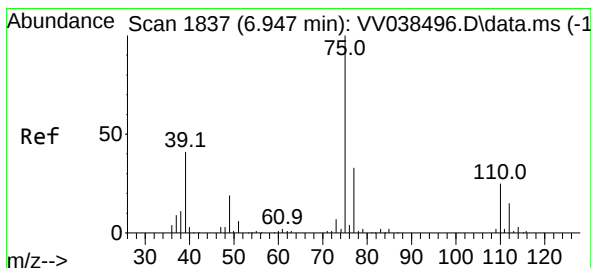
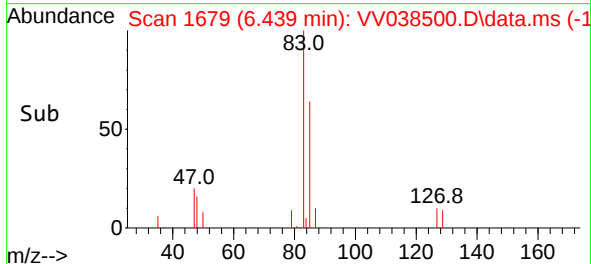
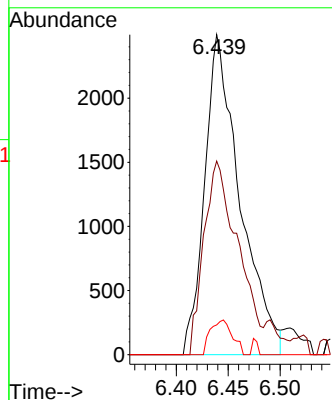
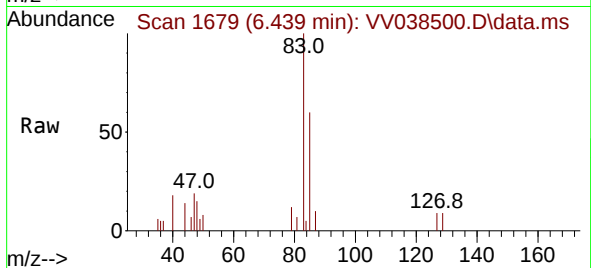




#38
Bromodichloromethane
Concen: 0.277 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36

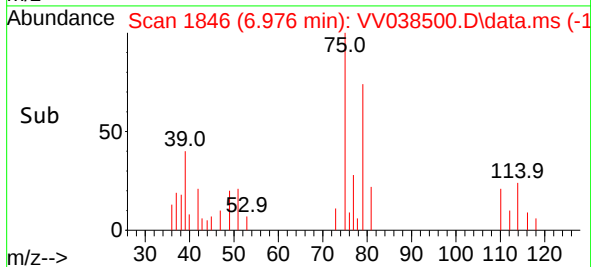
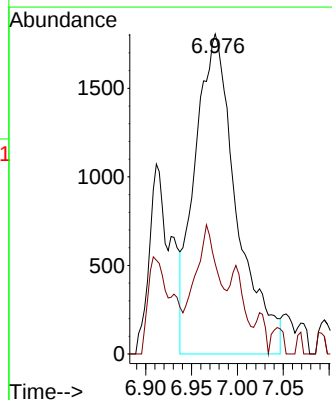
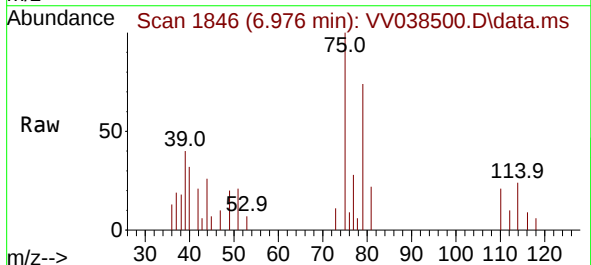
Instrument :
MSVOA_V
ClientSampleId :

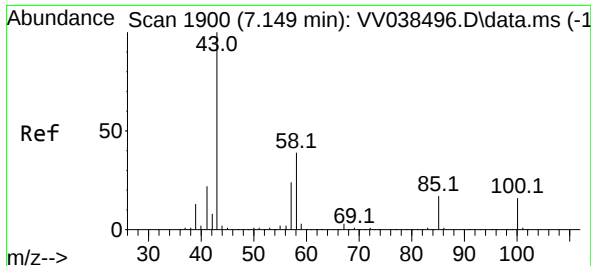
Tgt Ion: 83 Resp: 5906
Ion Ratio Lower Upper
83 100
85 60.5 44.7 83.1
127 9.3 6.8 10.2



#39
cis-1,3-Dichloropropene
Concen: 0.252 ug/L
RT: 6.976 min Scan# 1846
Delta R.T. 0.029 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36

Tgt Ion: 75 Resp: 5713
Ion Ratio Lower Upper
75 100
77 28.2 21.7 40.3





#40

4-Methyl-2-pentanone

Concen: 1.626 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.023 min

Lab File: VV038500.D

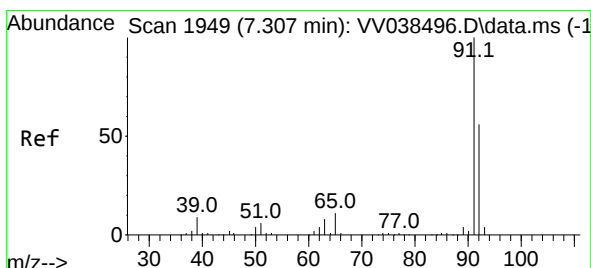
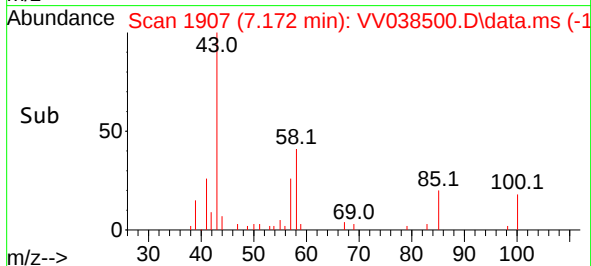
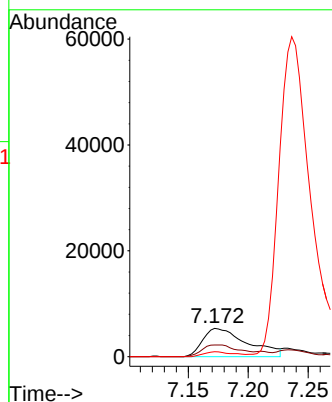
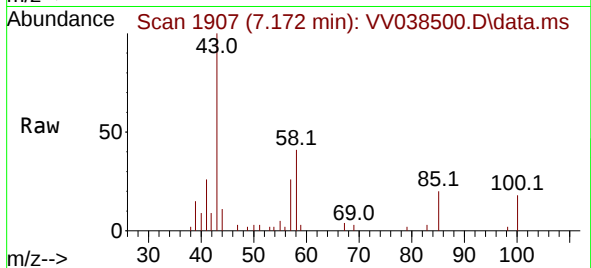
Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	43	Resp:	13813
Ion	Ratio	Lower	Upper
43	100		
58	34.5	31.7	47.5
100	0.0	12.4	18.6



#42

Toluene

Concen: 0.240 ug/L

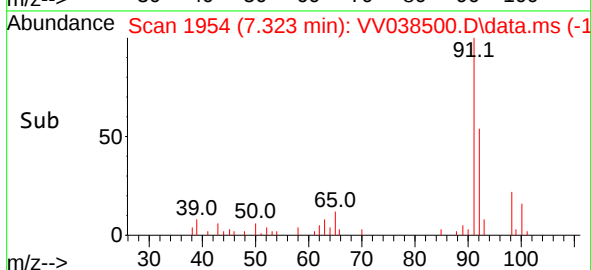
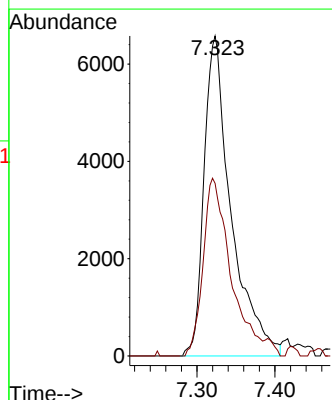
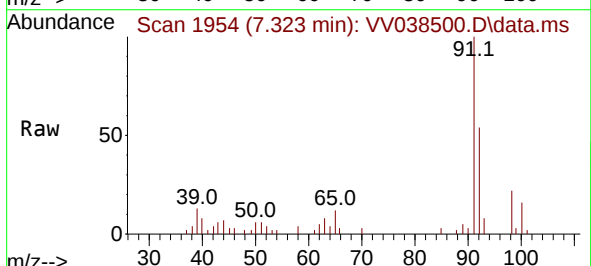
RT: 7.323 min Scan# 1954

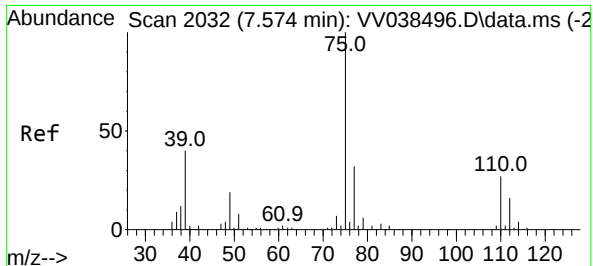
Delta R.T. 0.016 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

Tgt Ion:	91	Resp:	15894
Ion	Ratio	Lower	Upper
91	100		
92	54.0	40.6	75.4

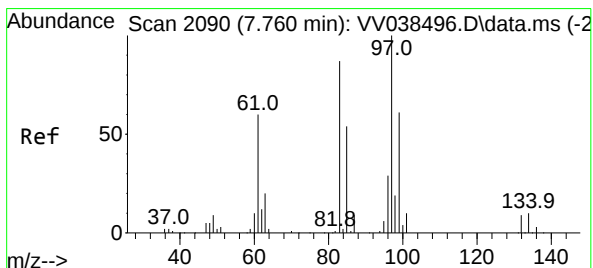
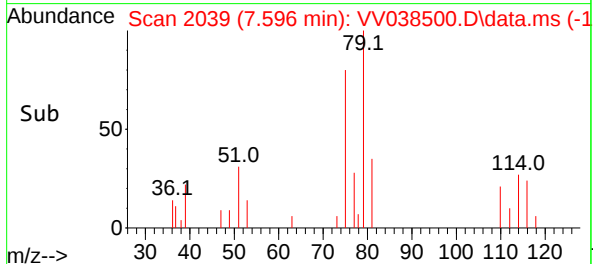
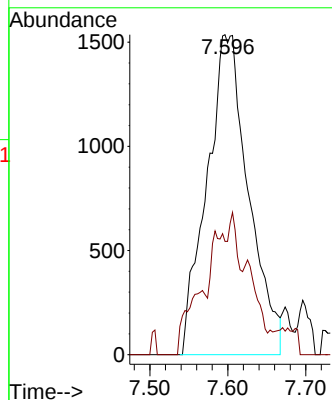
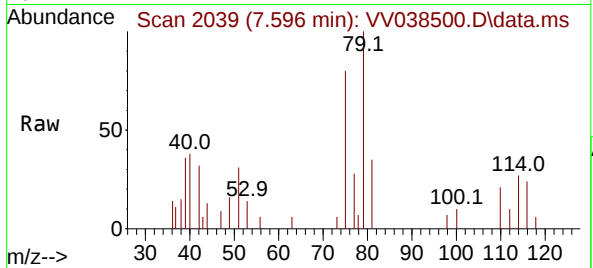




#44
trans-1,3-Dichloropropene
Concen: 0.298 ug/L
RT: 7.596 min Scan# 2039
Delta R.T. 0.023 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36

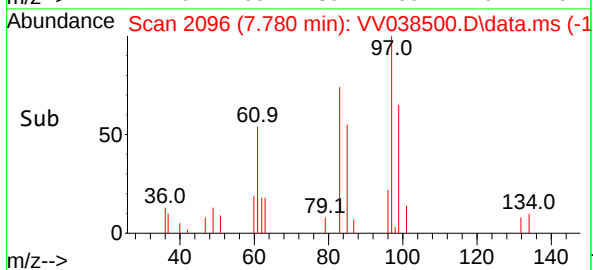
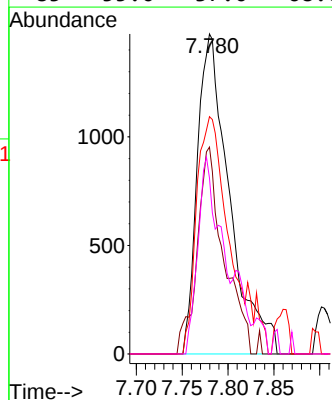
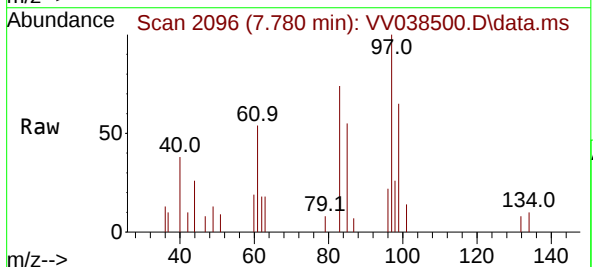
Instrument :
MSVOA_V
ClientSampleId :

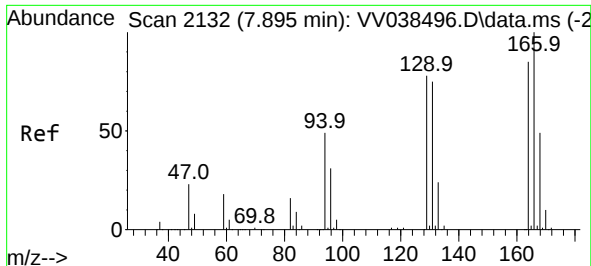
Tgt Ion: 75 Resp: 5715
Ion Ratio Lower Upper
75 100
77 35.4 22.8 42.4



#45
1,1,2-Trichloroethane
Concen: 0.304 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.019 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36

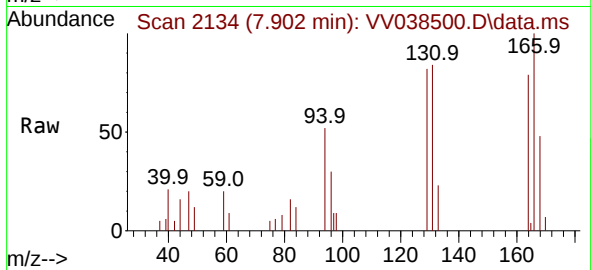
Tgt Ion: 97 Resp: 3593
Ion Ratio Lower Upper
97 100
99 64.7 42.3 78.5
83 74.2 59.4 110.4
85 55.0 37.0 68.6





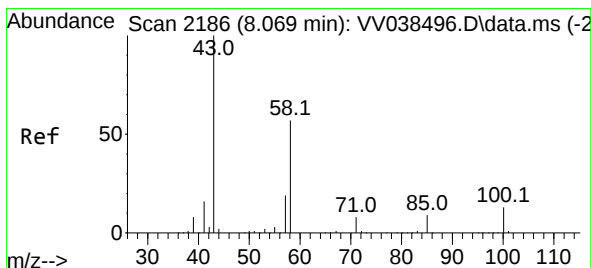
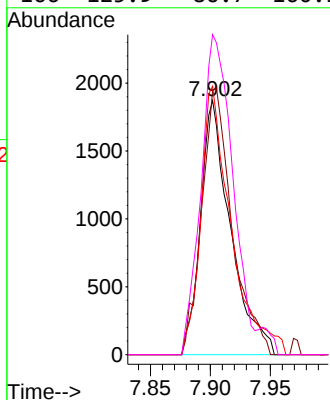
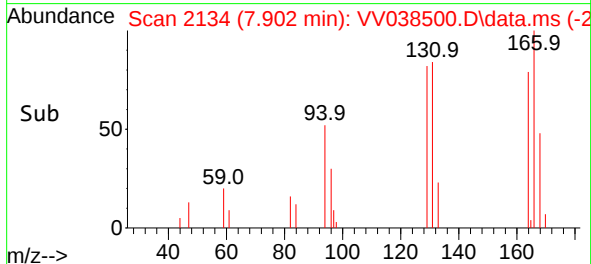
#47
Tetrachloroethene
Concen: 0.255 ug/L
RT: 7.902 min Scan# 2132
Delta R.T. 0.007 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36

Instrument :
MSVOA_V
ClientSampleId :

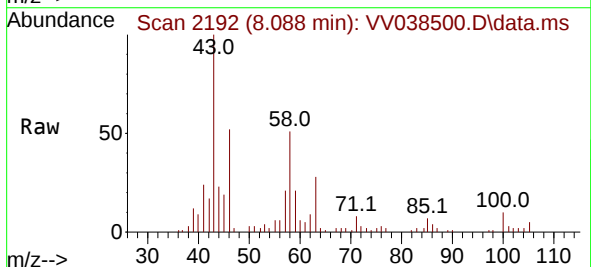


Tgt Ion:164 Resp: 3264

Ion	Ratio	Lower	Upper
164	100		
129	103.8	68.9	127.9
131	105.6	65.2	121.2
166	125.9	86.7	160.9

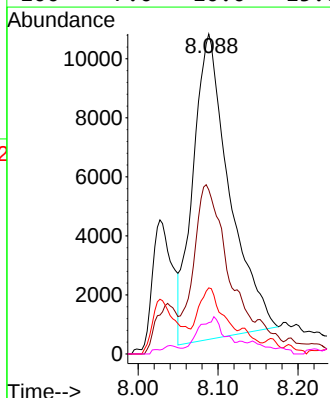
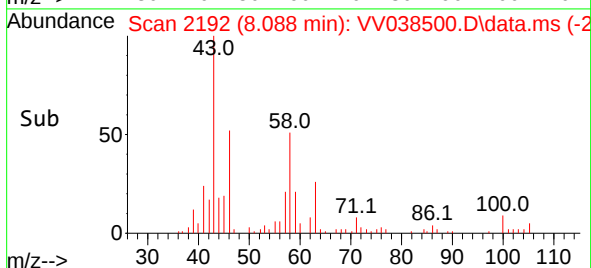


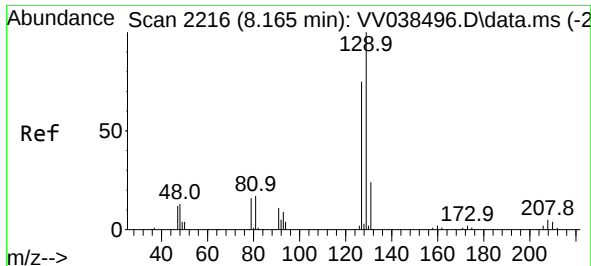
#48
2-Hexanone
Concen: 5.302 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.019 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36



Tgt Ion: 43 Resp: 32619

Ion	Ratio	Lower	Upper
43	100		
58	41.0	43.6	65.4#
57	9.4	15.0	22.4#
100	7.0	10.0	15.0#





#49

Dibromochloromethane

Concen: 0.282 ug/L

RT: 8.172 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

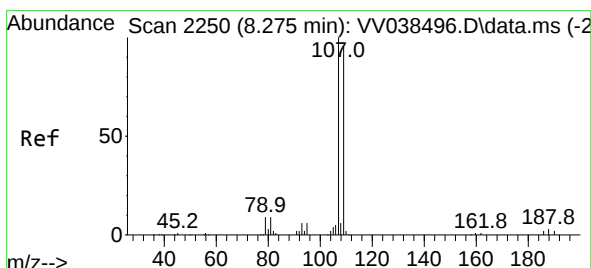
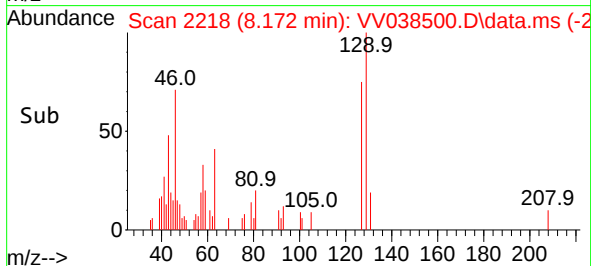
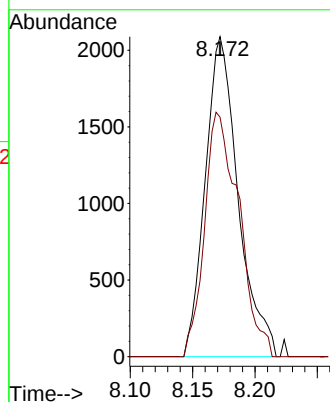
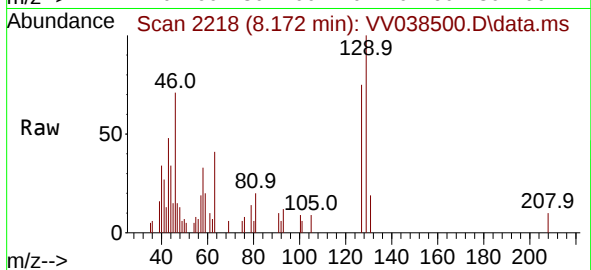
ClientSampleId :

Tgt Ion:129 Resp: 3839

Ion Ratio Lower Upper

129 100

127 74.9 52.8 98.2



#50

1,2-Dibromoethane

Concen: 0.299 ug/L

RT: 8.291 min Scan# 2255

Delta R.T. 0.016 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

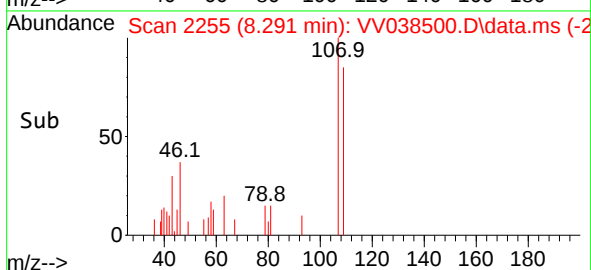
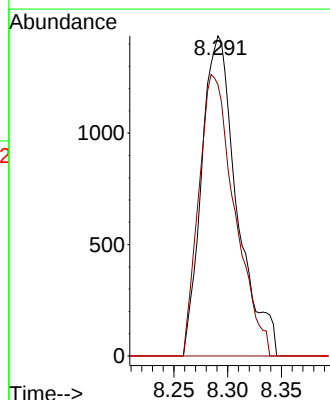
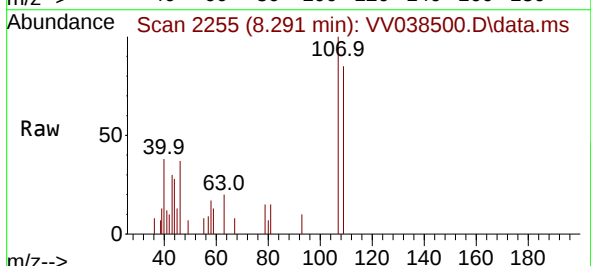
Tgt Ion:107 Resp: 3288

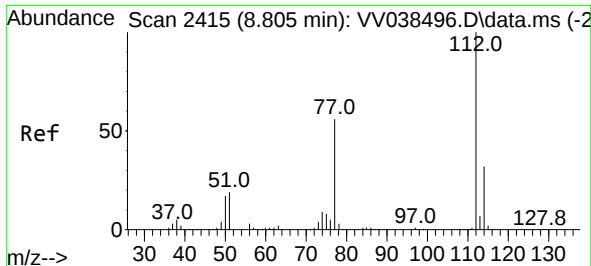
Ion Ratio Lower Upper

107 100

109 84.7 65.9 122.3

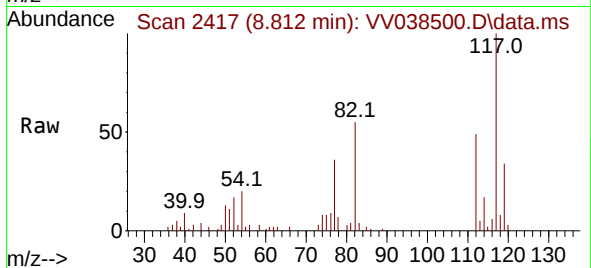
188 0.0 2.8 4.2#



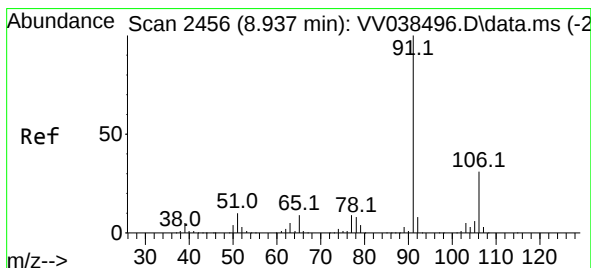
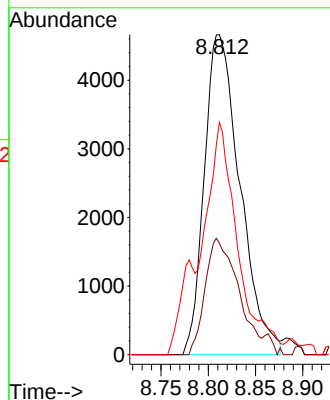
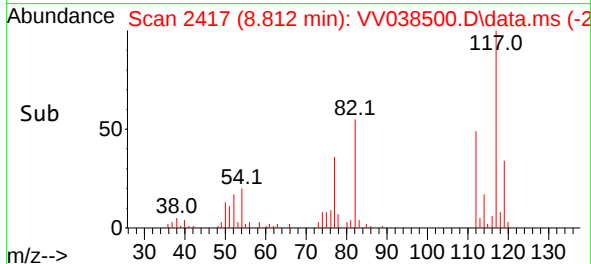


#51
Chlorobenzene
Concen: 0.274 ug/L
RT: 8.812 min Scan# 2415
Delta R.T. 0.007 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36

Instrument :
MSVOA_V
ClientSampleId :

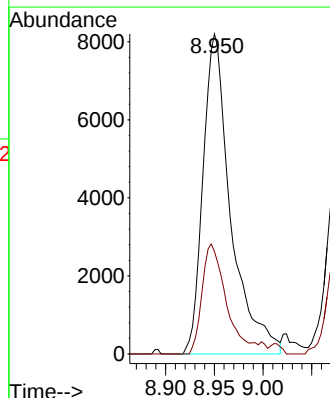
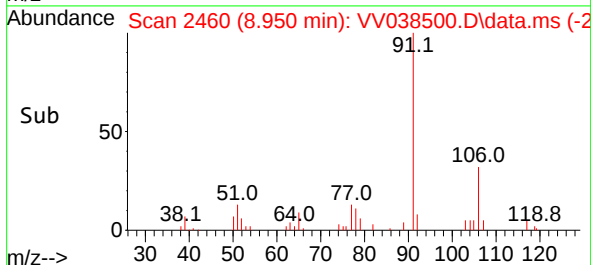
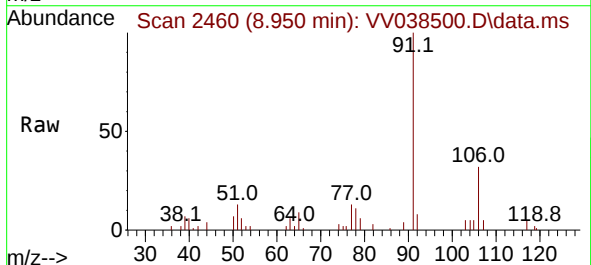


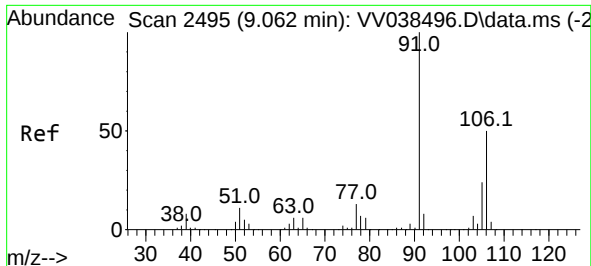
Tgt Ion:112 Resp: 12240
Ion Ratio Lower Upper
112 100
114 34.8 22.9 42.5
77 72.6 46.1 69.1#



#52
Ethylbenzene
Concen: 0.227 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.013 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36

Tgt Ion: 91 Resp: 16209
Ion Ratio Lower Upper
91 100
106 32.1 22.0 40.8

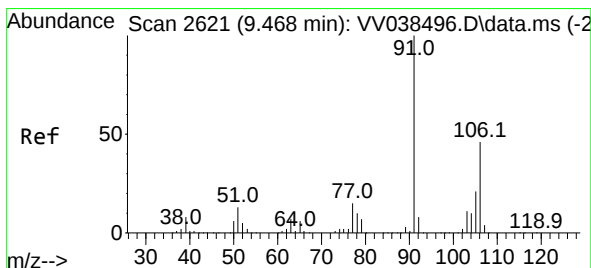
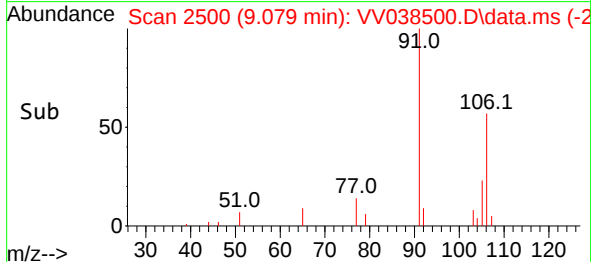
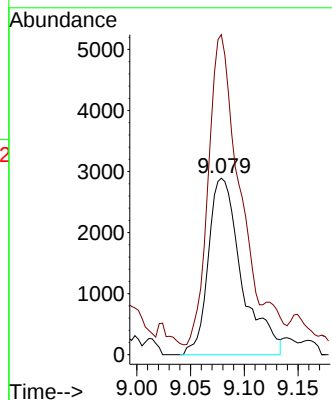
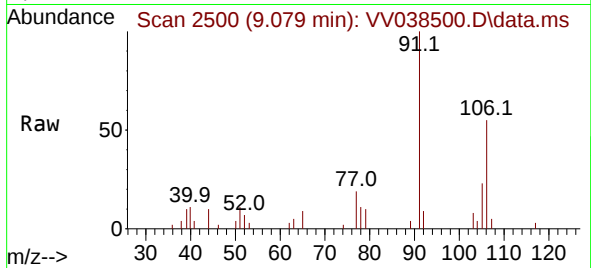




#53
m,p-Xylene
Concen: 0.231 ug/L
RT: 9.079 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36

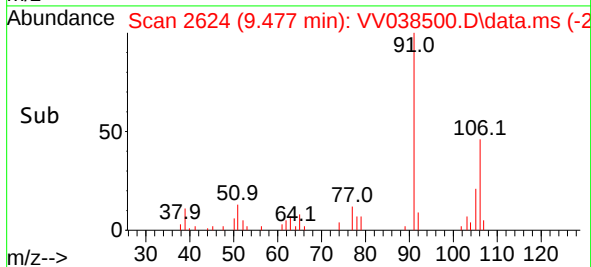
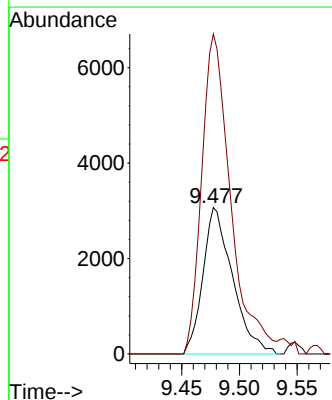
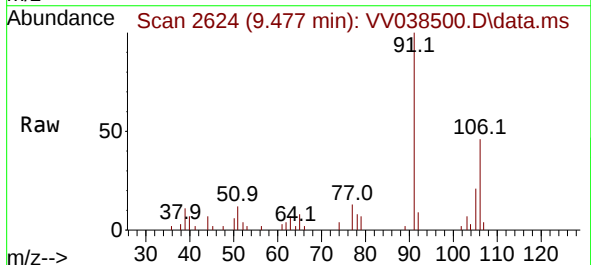
Instrument :
MSVOA_V
ClientSampleId :

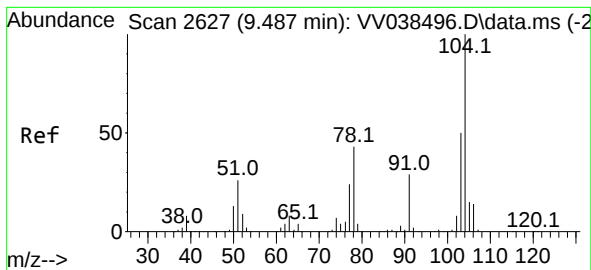
Tgt Ion:106 Resp: 6241
Ion Ratio Lower Upper
106 100
91 181.3 148.2 275.2



#54
o-Xylene
Concen: 0.213 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038500.D
Acq: 22 Jan 2025 15:36

Tgt Ion:106 Resp: 5479
Ion Ratio Lower Upper
106 100
91 218.5 151.4 281.2





#55

Styrene

Concen: 0.160 ug/L

RT: 9.509 min Scan# 2

Delta R.T. 0.023 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

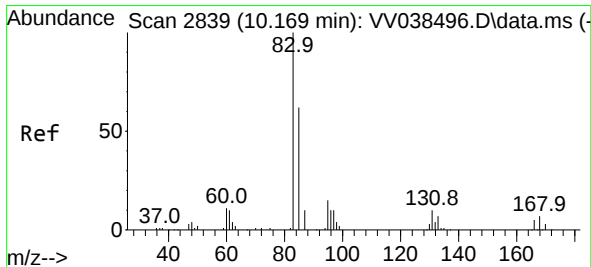
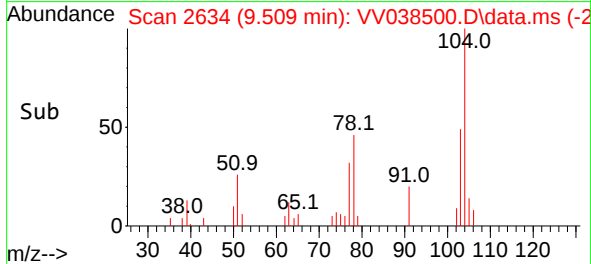
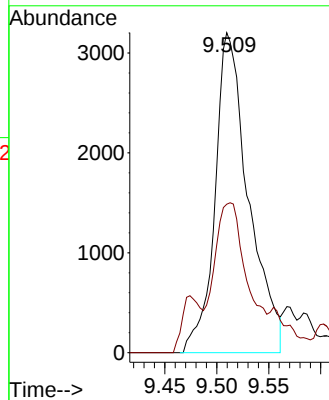
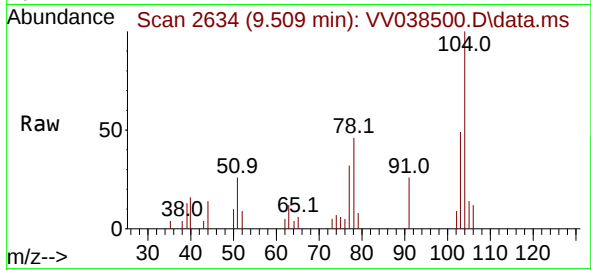
ClientSampleId :

Tgt Ion:104 Resp: 7192

Ion Ratio Lower Upper

104 100

78 46.4 30.8 57.2



#57

1,1,2,2-Tetrachloroethane

Concen: 0.249 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. 0.000 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

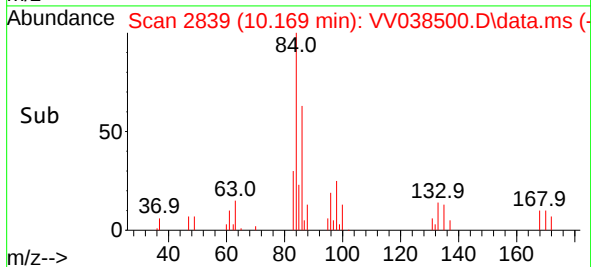
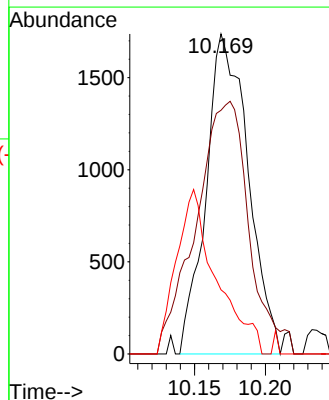
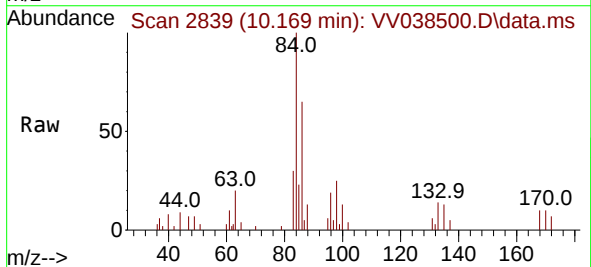
Tgt Ion: 83 Resp: 3577

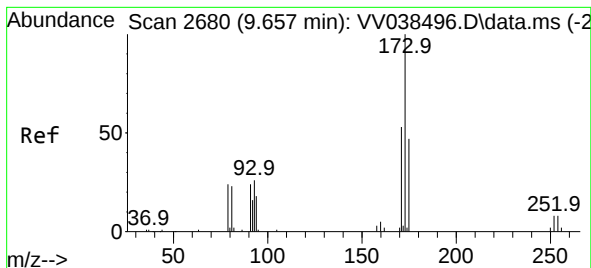
Ion Ratio Lower Upper

83 100

85 76.2 45.1 83.7

131 20.0 7.5 11.3#





#59

Bromoform

Concen: 0.259 ug/L

RT: 9.673 min Scan# 2

Delta R.T. 0.016 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

ClientSampleId :

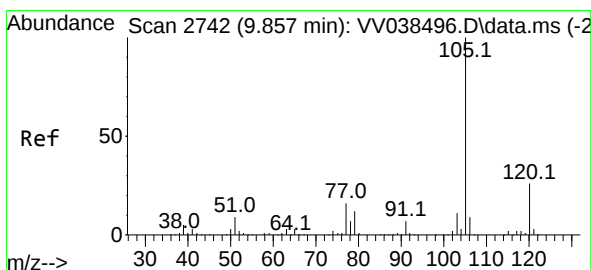
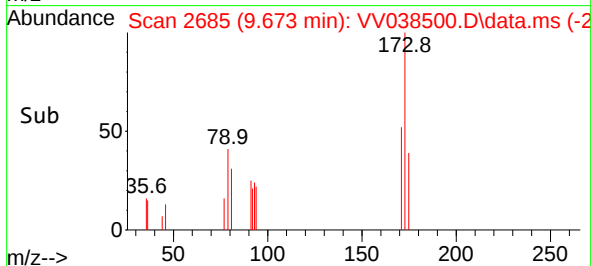
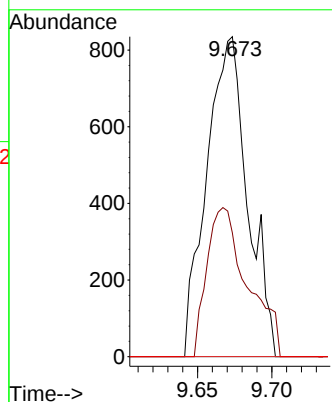
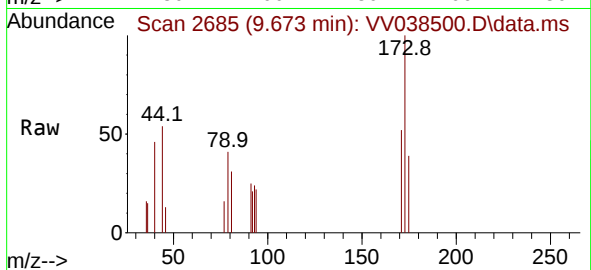
Tgt Ion:173 Resp: 1603

Ion Ratio Lower Upper

173 100

175 46.4 37.6 56.4

254 0.0 5.6 8.4#



#60

Isopropylbenzene

Concen: 0.256 ug/L

RT: 9.866 min Scan# 2745

Delta R.T. 0.010 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

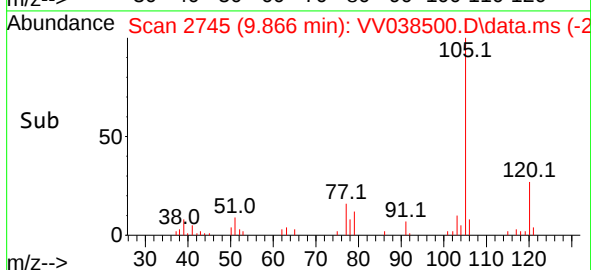
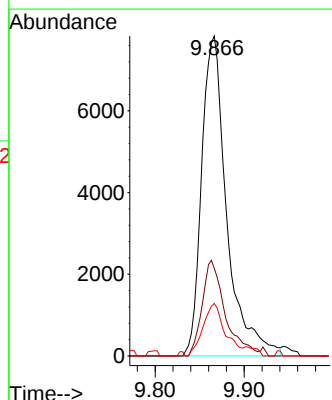
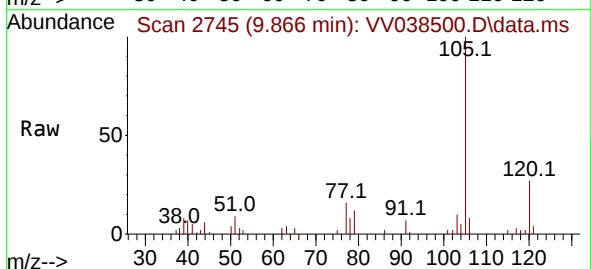
Tgt Ion:105 Resp: 15315

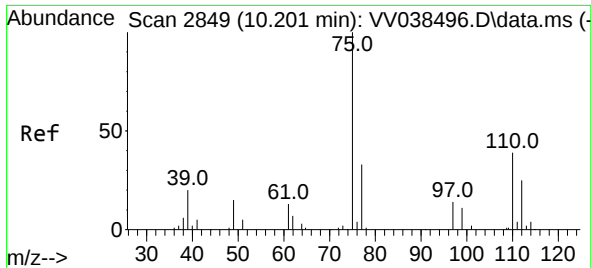
Ion Ratio Lower Upper

105 100

120 27.3 21.4 32.2

77 14.5 12.7 19.1

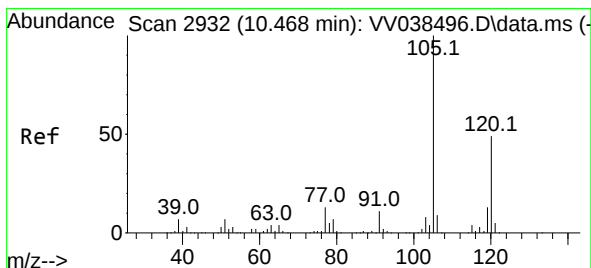
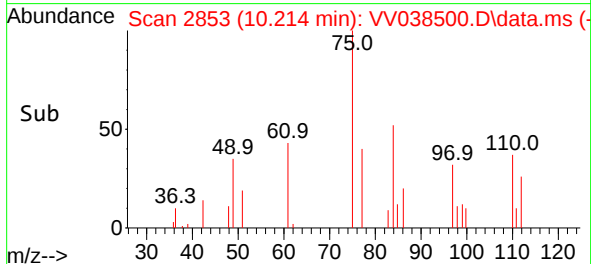
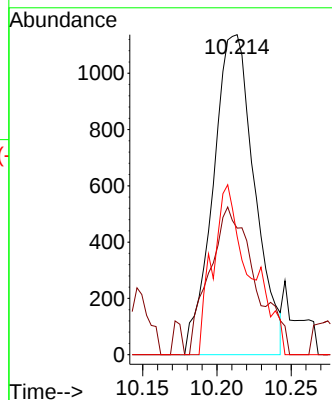
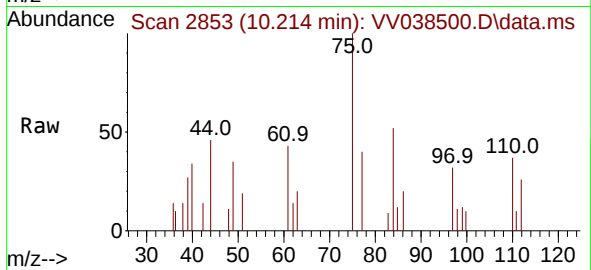




#61
 1,2,3-Trichloropropane
 Concen: 0.259 ug/L
 RT: 10.214 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VV038500.D
 Acq: 22 Jan 2025 15:36

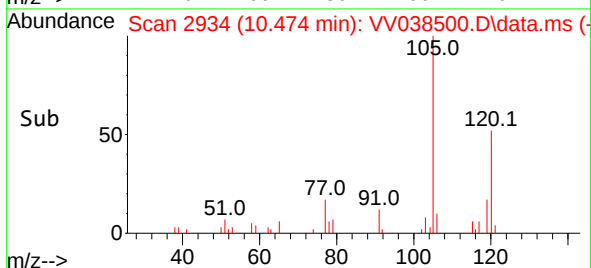
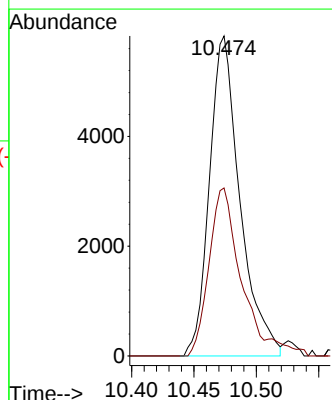
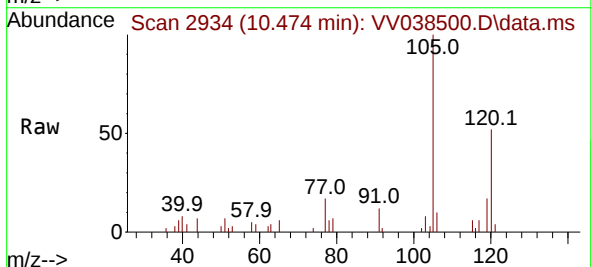
Instrument :
 MSVOA_V
 ClientSampleId :

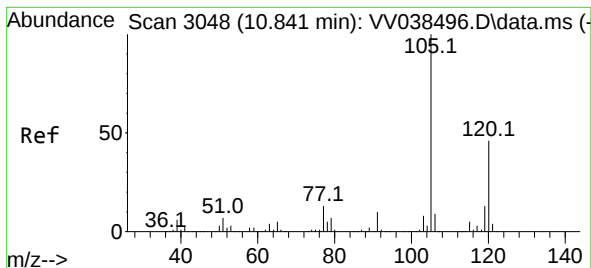
Tgt Ion: 75 Resp: 2211
 Ion Ratio Lower Upper
 75 100
 77 51.0 25.4 38.0#
 110 47.9 32.6 48.8



#62
 1,3,5-Trimethylbenzene
 Concen: 0.212 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.007 min
 Lab File: VV038500.D
 Acq: 22 Jan 2025 15:36

Tgt Ion: 105 Resp: 9936
 Ion Ratio Lower Upper
 105 100
 120 56.2 39.4 59.0





#63

1,2,4-Trimethylbenzene

Concen: 0.206 ug/L

RT: 10.850 min Scan# 3048

Delta R.T. 0.010 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

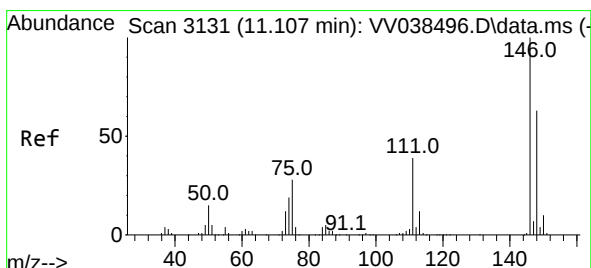
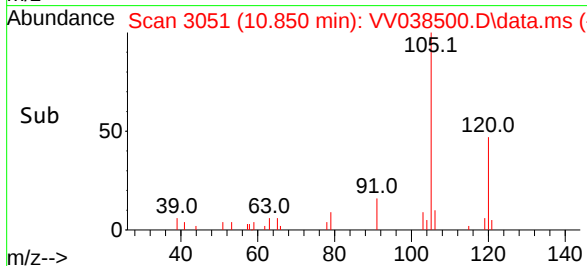
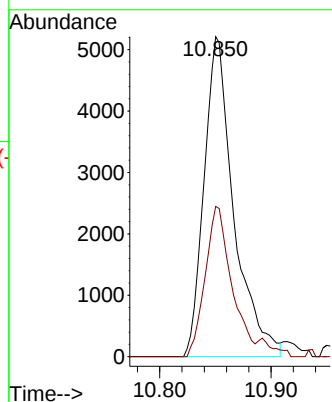
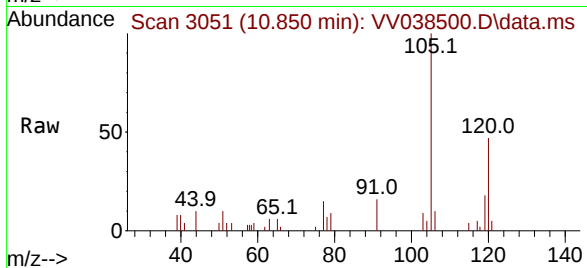
ClientSampleId :

Tgt Ion:105 Resp: 9635

Ion Ratio Lower Upper

105 100

120 41.7 35.8 53.8



#64

1,3-Dichlorobenzene

Concen: 0.252 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.013 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

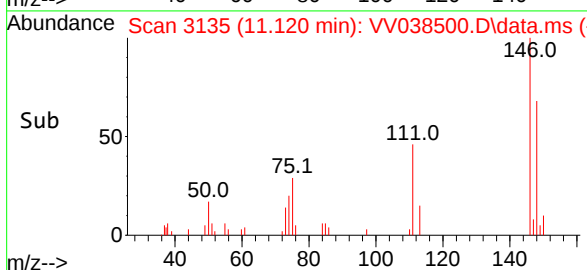
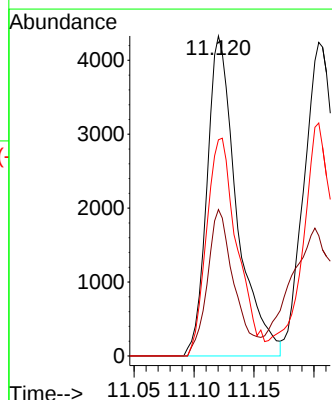
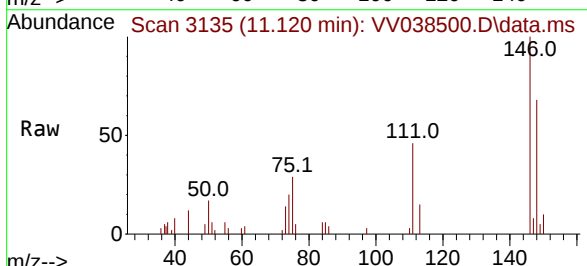
Tgt Ion:146 Resp: 7480

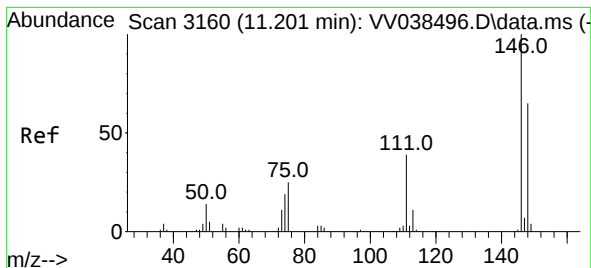
Ion Ratio Lower Upper

146 100

111 45.8 27.9 51.9

148 67.5 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 0.278 ug/L

RT: 11.204 min Scan# 3160

Delta R.T. 0.003 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

ClientSampleId :

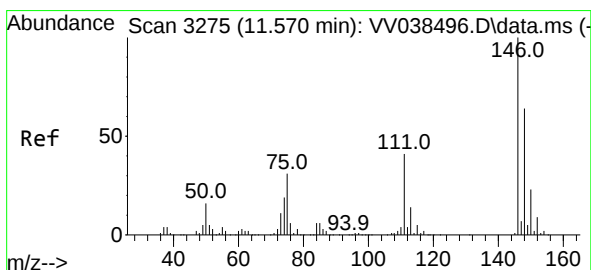
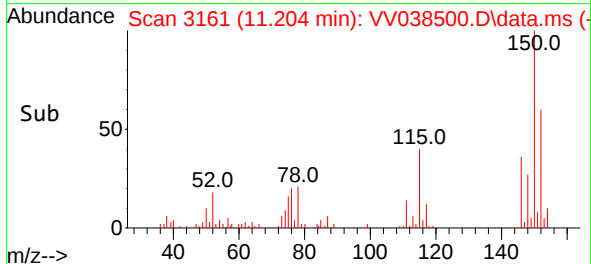
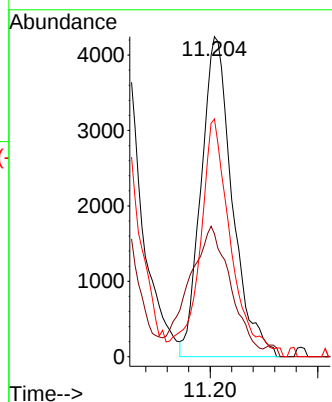
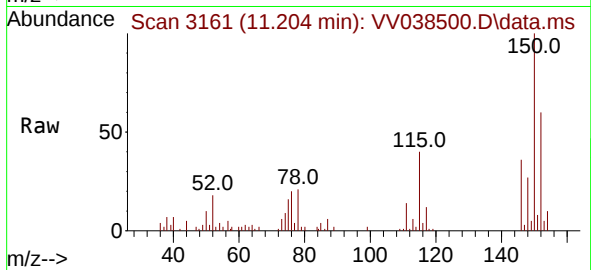
Tgt Ion:146 Resp: 8526

Ion Ratio Lower Upper

146 100

111 38.4 28.1 52.3

148 74.3 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 0.307 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

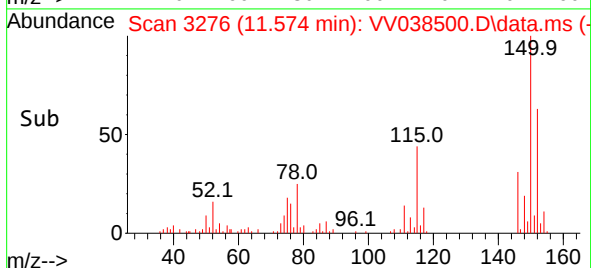
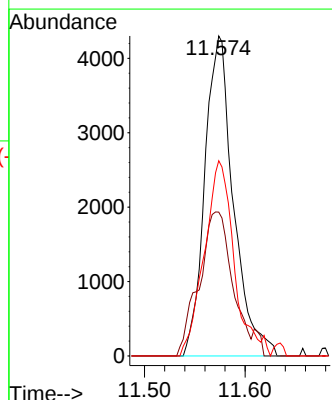
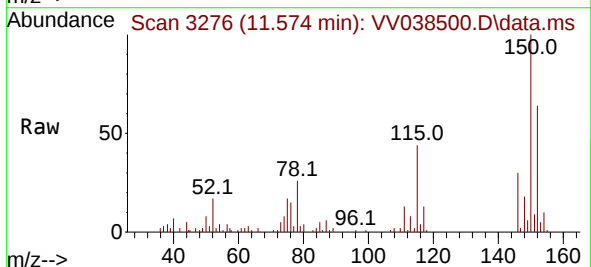
Tgt Ion:146 Resp: 8516

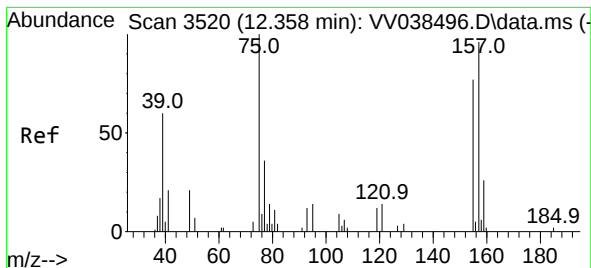
Ion Ratio Lower Upper

146 100

111 45.0 33.4 50.0

148 61.0 49.9 74.9





#68

1,2-Dibromo-3-chloropropane

Concen: 0.240 ug/L

RT: 12.378 min Scan# 3526

Delta R.T. 0.019 min

Lab File: VV038500.D

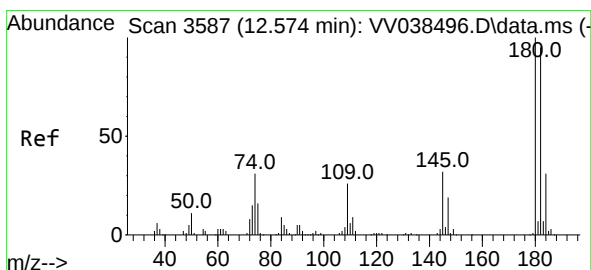
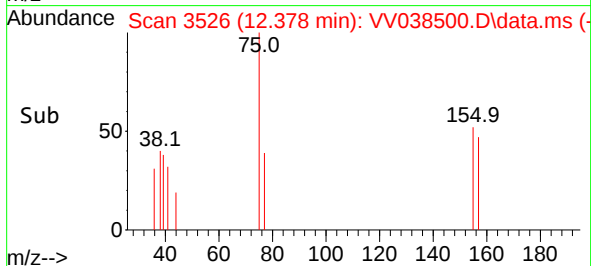
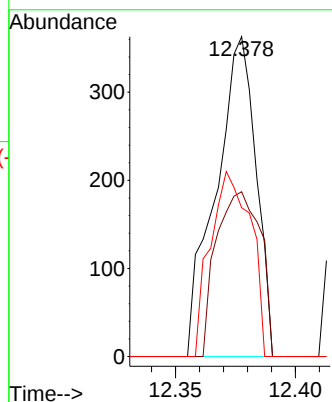
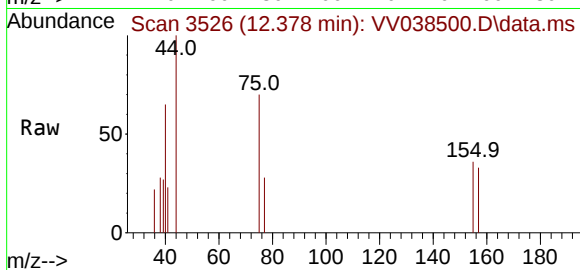
Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	75	Resp:	424
Ion	Ratio	Lower	Upper
75	100		
155	51.5	56.7	85.1#
157	46.6	74.4	111.6#



#69

1,3,5-Trichlorobenzene

Concen: 0.270 ug/L

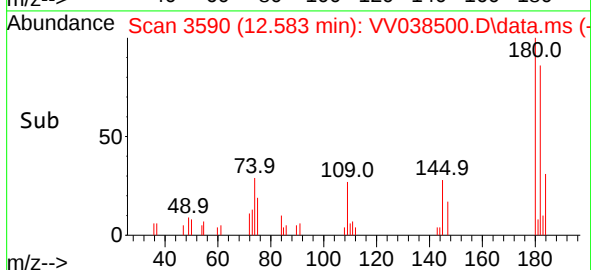
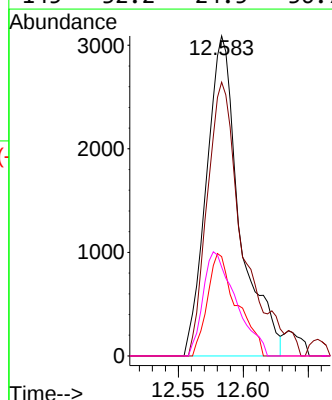
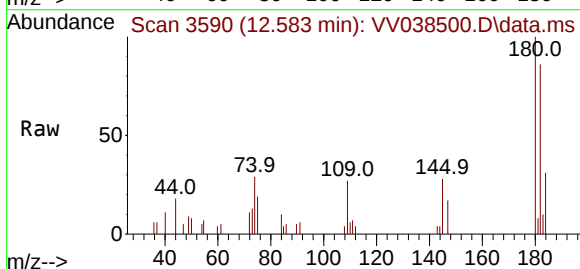
RT: 12.583 min Scan# 3590

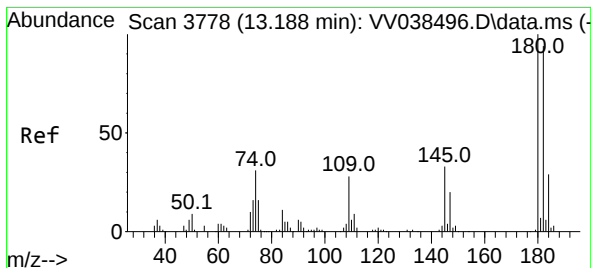
Delta R.T. 0.010 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

Tgt Ion:	180	Resp:	5502
Ion	Ratio	Lower	Upper
180	100		
182	91.4	74.3	111.5
184	28.5	23.2	34.8
145	32.2	24.5	36.7





#70

1,2,4-trichlorobenzene

Concen: 0.269 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.016 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

Instrument :

MSVOA_V

ClientSampleId :

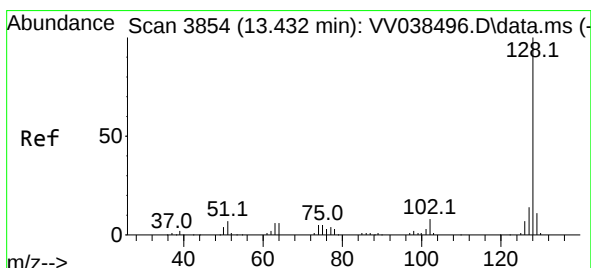
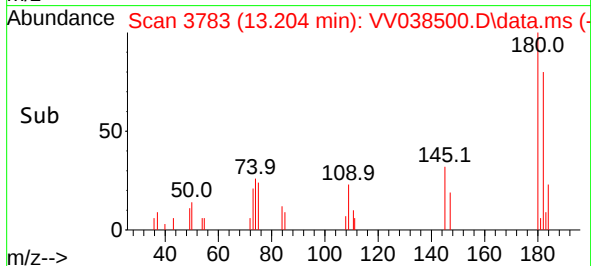
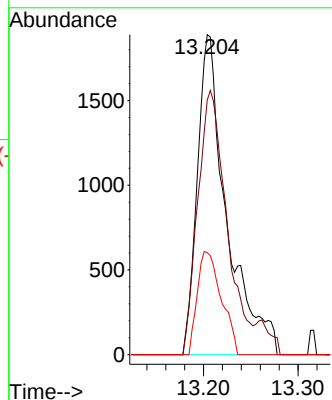
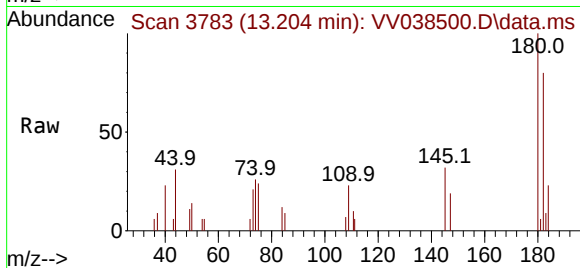
Tgt Ion:180 Resp: 4078

Ion Ratio Lower Upper

180 100

182 81.2 77.5 116.3

145 26.3 26.2 39.4



#71

Naphthalene

Concen: 0.198 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.023 min

Lab File: VV038500.D

Acq: 22 Jan 2025 15:36

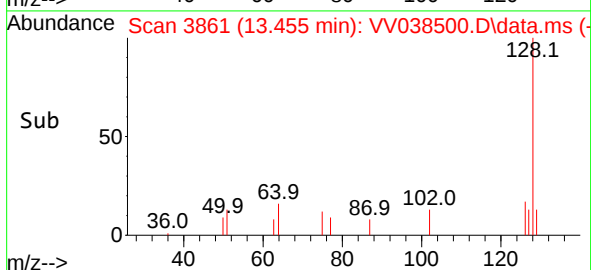
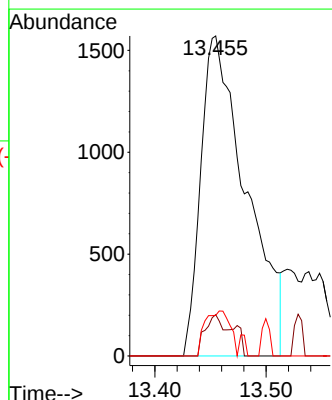
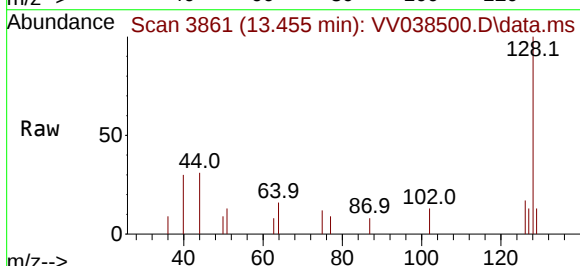
Tgt Ion:128 Resp: 4439

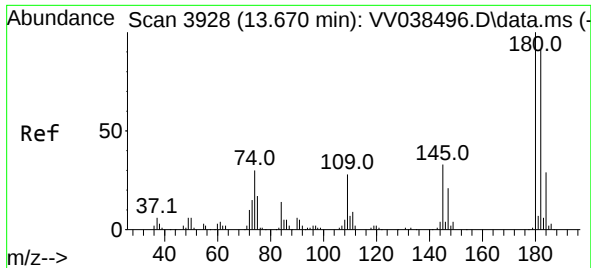
Ion Ratio Lower Upper

128 100

129 5.2 8.3 12.5#

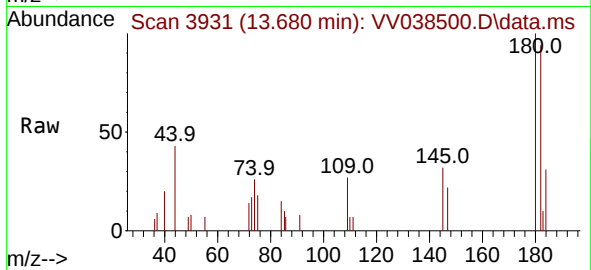
127 7.8 11.0 16.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.254 ug/L
 RT: 13.680 min Scan# 3928
 Delta R.T. 0.010 min
 Lab File: VV038500.D
 Acq: 22 Jan 2025 15:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 3328
 Ion Ratio Lower Upper
 180 100
 182 97.5 77.0 115.6
 145 34.9 27.1 40.7

