

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091125\
 Data File : VV039043.D
 Acq On : 11 Sep 2025 13:05
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 01:56:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM091125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 12 01:49:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	914309	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	915090	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	460393	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	387746	46.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.340%
7) Chloroethane-d5	1.542	69	318023	47.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.740%
11) 1,1-Dichloroethene-d2	2.069	65	175988	48.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.160%
21) 2-Butanone-d5	3.786	46	379075	115.011	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.010%
24) Chloroform-d	4.249	84	699288	50.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.960%
26) 1,2-Dichloroethane-d4	4.937	65	412697	50.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.180%
32) Benzene-d6	4.957	84	1331287	50.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.360%
36) 1,2-Dichloropropane-d6	5.982	67	411342	47.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.780%
41) Toluene-d8	7.233	98	1300269	52.502	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	7.545	79	228325	55.659	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.320%
47) 2-Hexanone-d5	8.011	63	311398	126.025	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.020%
56) 1,1,2,2-Tetrachloroeth...	10.140	84	618607	50.047	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.100%
66) 1,2-Dichlorobenzene-d4	11.548	152	437790	50.630	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	315301	45.382	ug/L	100
3) Chloromethane	1.227	50	353962	45.429	ug/L	98
5) Vinyl chloride	1.294	62	396079	44.204	ug/L	99
6) Bromomethane	1.497	94	238477	47.776	ug/L	99
8) Chloroethane	1.561	64	262084	46.011	ug/L	98
9) Trichlorofluoromethane	1.725	101	577707	45.732	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	355928	44.932	ug/L	100
12) 1,1-Dichloroethene	2.079	96	324027	46.061	ug/L	98
13) Acetone	2.117	43	483317	79.648	ug/L	100
14) Carbon disulfide	2.249	76	976846	42.436	ug/L	99
15) Methyl Acetate	2.378	43	395386	50.108	ug/L	98
16) Methylene chloride	2.455	84	365612	47.221	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	338514	48.355	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	1087132	54.186	ug/L	100
19) 1,1-Dichloroethane	3.117	63	618323	47.484	ug/L	100
20) cis-1,2-Dichloroethene	3.818	96	380885	50.915	ug/L	99
22) 2-Butanone	3.860	43	528470	103.168	ug/L	100
23) Bromochloromethane	4.149	128	201082	49.131	ug/L	98
25) Chloroform	4.275	83	654605	47.091	ug/L	100

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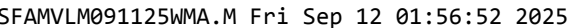
Instrument :
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 ClientSampleId :

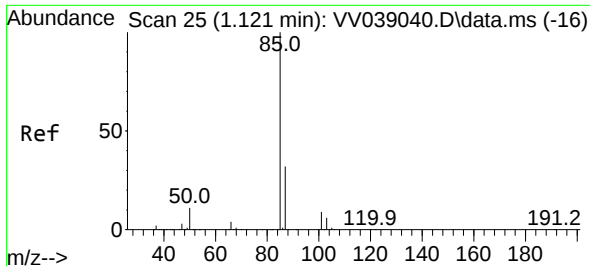
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 Quant Title : VOC Analysis
 QLast Update : Fri Sep 12 01:49:00 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	494553	48.857	ug/L	98
29) Cyclohexane	4.580	56	557821	49.065	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	563650	45.694	ug/L	100
31) Carbon tetrachloride	4.735	117	497196	45.313	ug/L	99
33) Benzene	5.008	78	1394867	48.893	ug/L	100
34) Trichloroethene	5.828	95	363246	46.977	ug/L	97
35) Methylcyclohexane	6.047	83	600012	48.491	ug/L	99
37) 1,2-Dichloropropane	6.085	63	373610	48.938	ug/L	100
38) Bromodichloromethane	6.426	83	509701	47.428	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	662266	54.412	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	1183557	122.171	ug/L	98
42) Toluene	7.307	91	1577259	50.182	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	639294	54.483	ug/L	99
45) 1,1,2-Trichloroethane	7.757	97	413329	51.143	ug/L	97
46) Tetrachloroethene	7.895	164	272013	45.352	ug/L	96
48) 2-Hexanone	8.063	43	910367	134.733	ug/L	98
49) Dibromochloromethane	8.165	129	420494	49.222	ug/L	99
50) 1,2-Dibromoethane	8.271	107	431932	51.175	ug/L	100
51) Chlorobenzene	8.802	112	1008600	49.392	ug/L	98
52) Ethylbenzene	8.934	91	1668848	50.461	ug/L	99
53) m,p-Xylene	9.062	106	611385	48.311	ug/L	98
54) o-Xylene	9.468	106	594616	50.730	ug/L	98
55) Styrene	9.484	104	1077102	52.029	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	632624	48.541	ug/L	100
59) Bromoform	9.654	173	305765	49.283	ug/L	99
60) Isopropylbenzene	9.857	105	1598480	50.447	ug/L	99
61) 1,2,3-Trichloropropane	10.194	75	475321	49.130	ug/L	99
62) 1,3,5-Trimethylbenzene	10.464	105	1285724	51.879	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	1278797	52.062	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	740928	49.118	ug/L	99
65) 1,4-Dichlorobenzene	11.197	146	780339	48.325	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	736742	48.833	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.349	75	134689	49.582	ug/L	99
69) 1,3,5-Trichlorobenzene	12.570	180	491780	50.501	ug/L	100
70) 1,2,4-trichlorobenzene	13.184	180	427590	50.502	ug/L	100
71) Naphthalene	13.422	128	1629431	57.564	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	468150	53.257	ug/L	100

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

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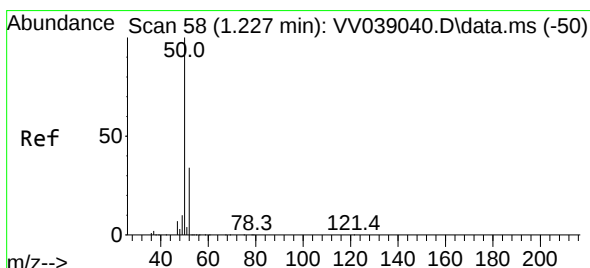
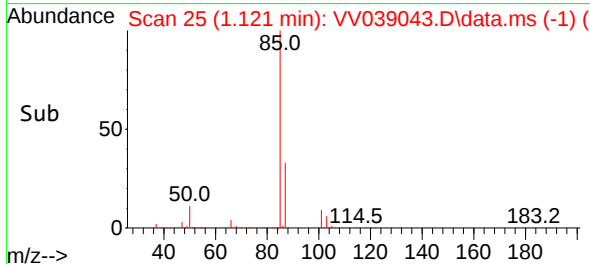
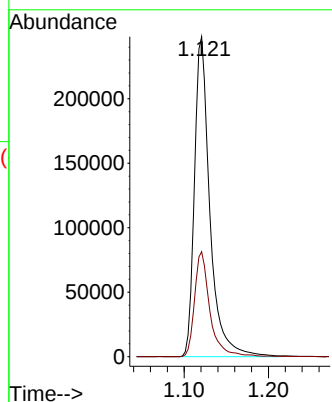
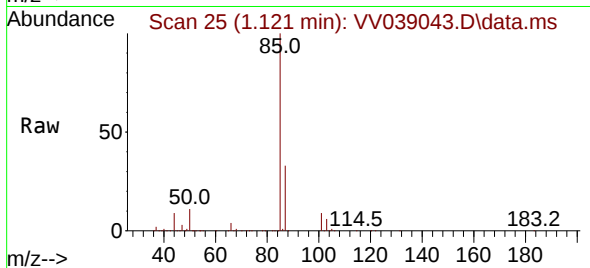




#2
 Dichlorodifluoromethane
 Concen: 45.382 ug/L
 RT: 1.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039043.D
 Acq: 11 Sep 2025 13:05

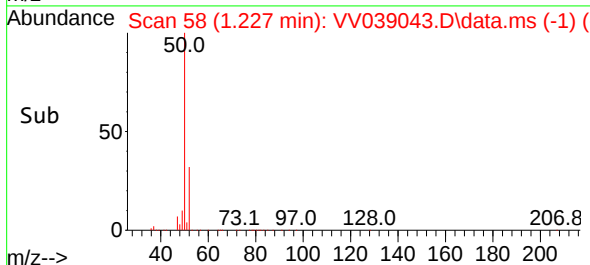
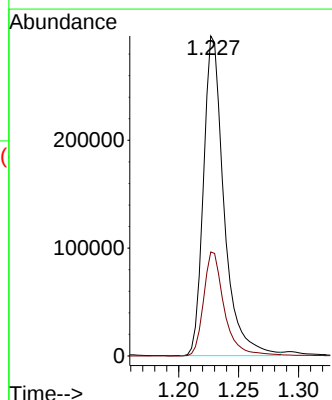
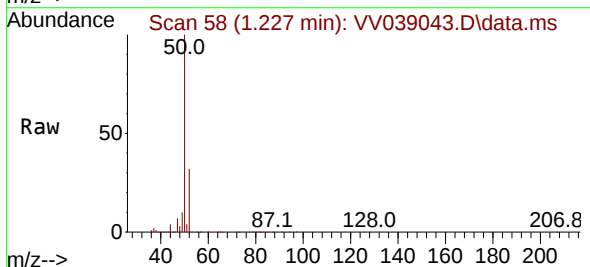
Instrument :
 MSVOA_V
 ClientSampleId :

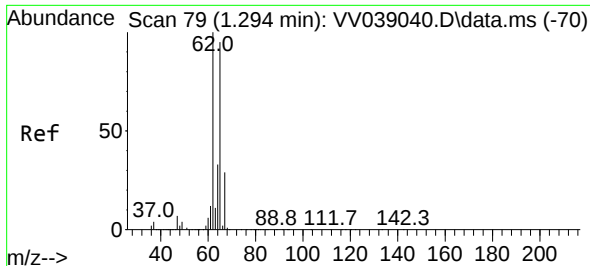
Tgt Ion: 85 Resp: 315301
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 45.429 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VV039043.D
 Acq: 11 Sep 2025 13:05

Tgt Ion: 50 Resp: 353962
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.6 43.8



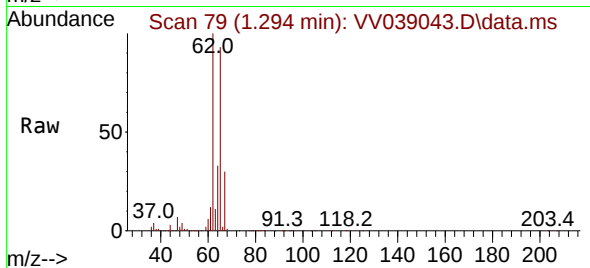


#5
 Vinyl chloride
 Concen: 44.204 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VV039043.D
 Acq: 11 Sep 2025 13:05

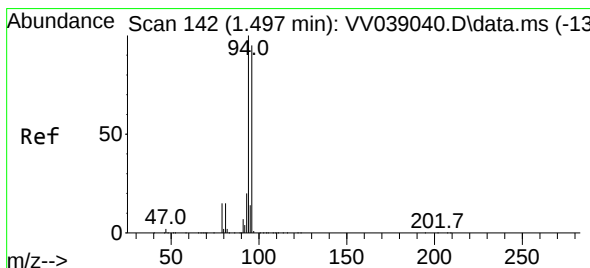
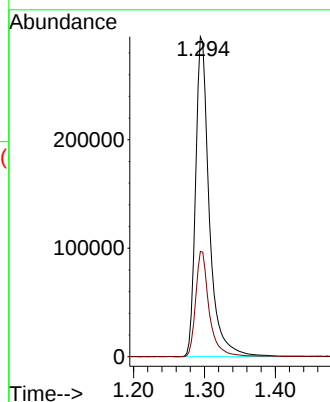
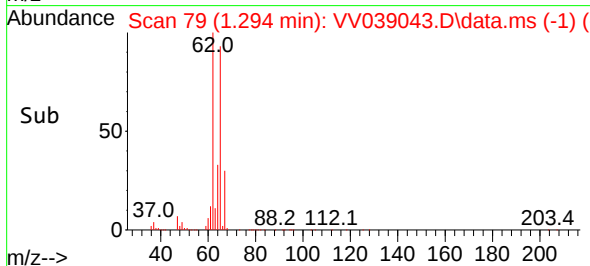
Instrument :

MSVOA_V

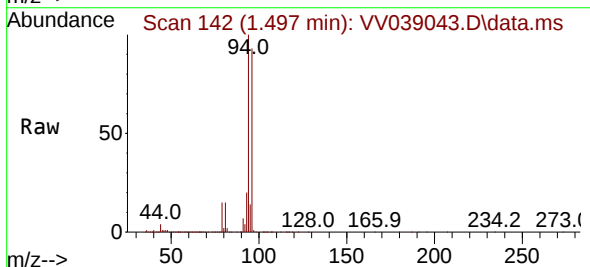
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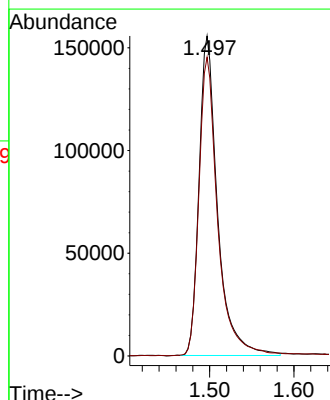
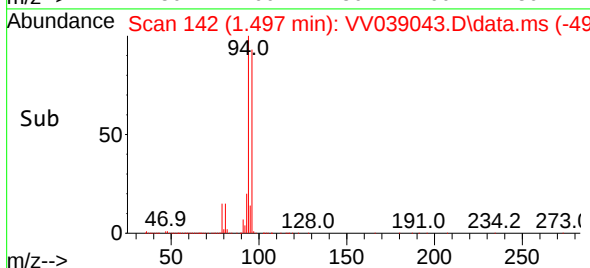
Tgt Ion: 62 Resp: 396079
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.4

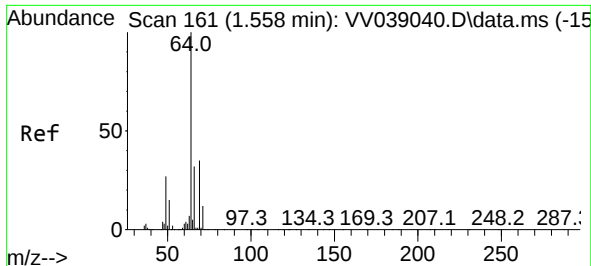


#6
 Bromomethane
 Concen: 47.776 ug/L
 RT: 1.497 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VV039043.D
 Acq: 11 Sep 2025 13:05



Tgt Ion: 94 Resp: 238477
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.3 123.1

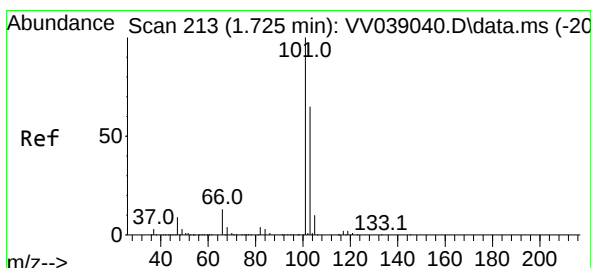
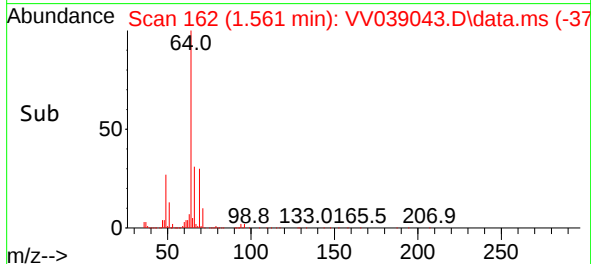
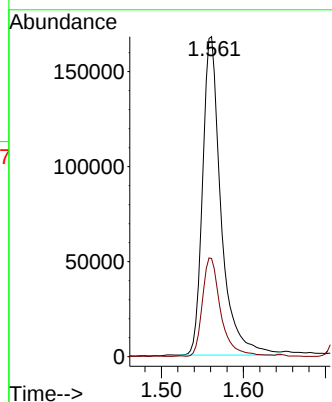
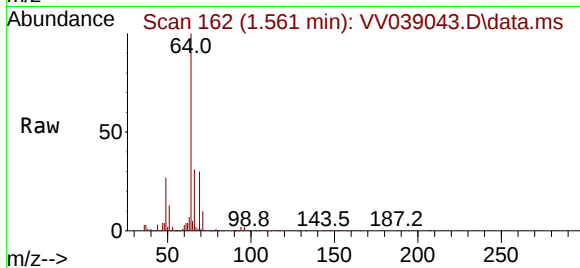




#8
Chloroethane
Concen: 46.011 ug/L
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

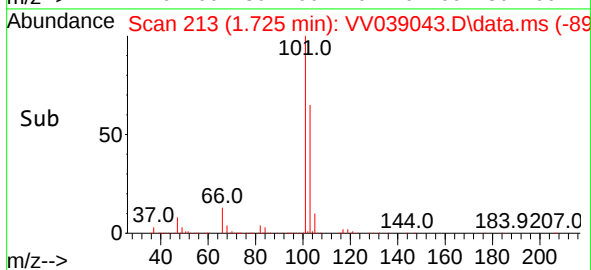
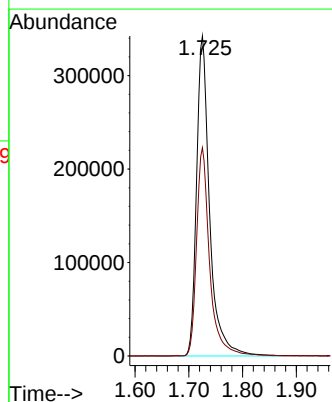
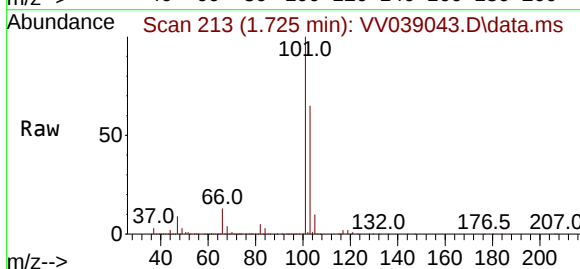
Instrument :
MSVOA_V
ClientSampleId :

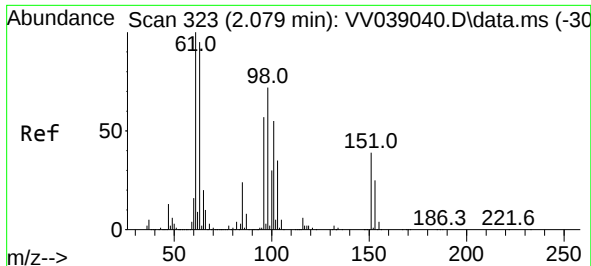
Tgt Ion: 64 Resp: 262084
Ion Ratio Lower Upper
64 100
66 30.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 45.732 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

Tgt Ion: 101 Resp: 577707
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 44.932 ug/L

RT: 2.079 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

Instrument :

MSVOA_V

ClientSampleId :

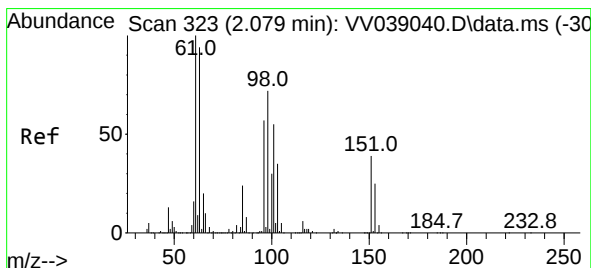
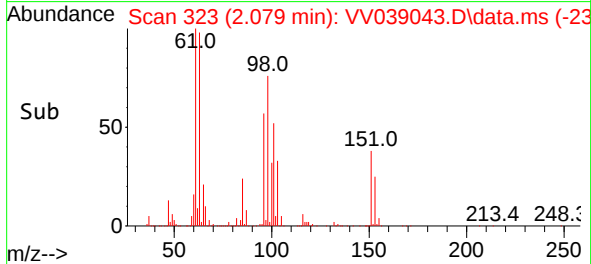
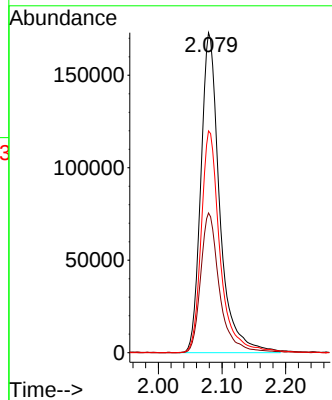
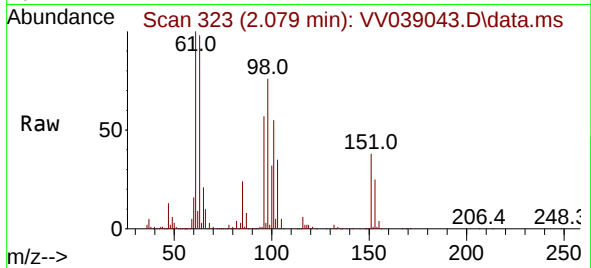
Tgt Ion:101 Resp: 355928

Ion Ratio Lower Upper

101 100

85 43.8 34.7 52.1

151 68.3 54.6 81.8



#12

1,1-Dichloroethene

Concen: 46.061 ug/L

RT: 2.079 min Scan# 323

Delta R.T. 0.000 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

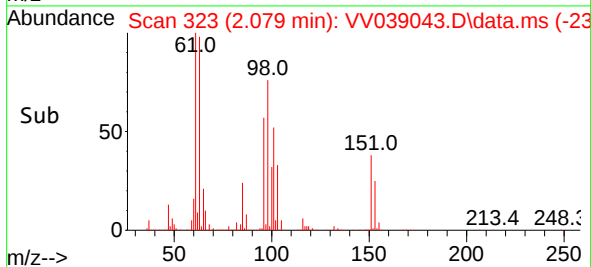
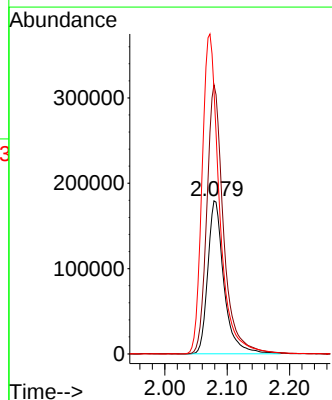
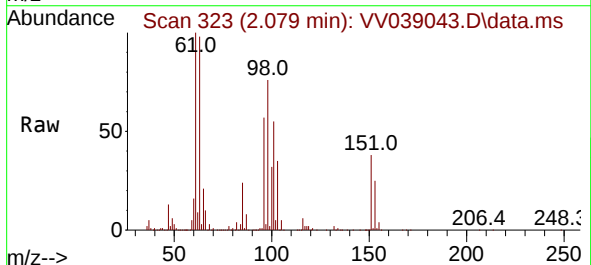
Tgt Ion: 96 Resp: 324027

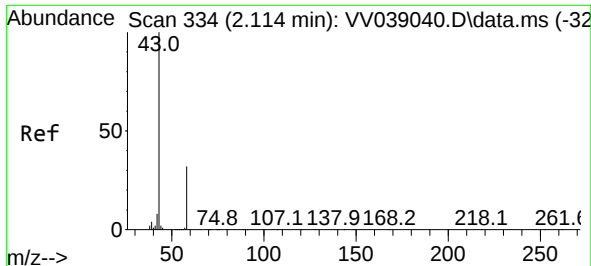
Ion Ratio Lower Upper

96 100

61 175.8 123.3 229.1

63 172.6 116.6 216.6





#13

Acetone

Concen: 79.648 ug/L

RT: 2.117 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

Instrument :

MSVOA_V

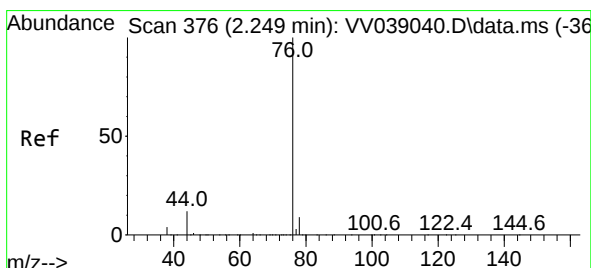
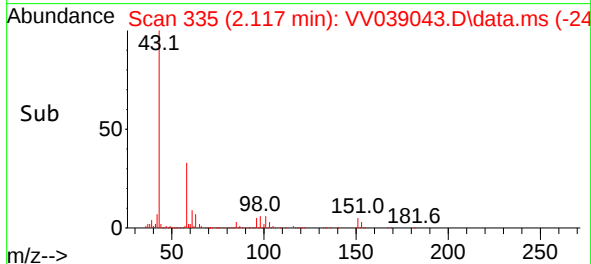
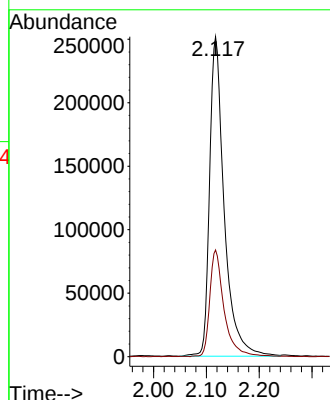
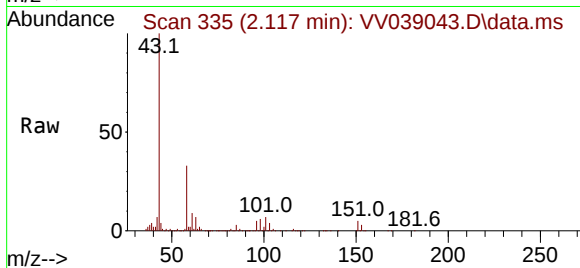
ClientSampleId :

Tgt Ion: 43 Resp: 483317

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.8



#14

Carbon disulfide

Concen: 42.436 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.000 min

Lab File: VV039043.D

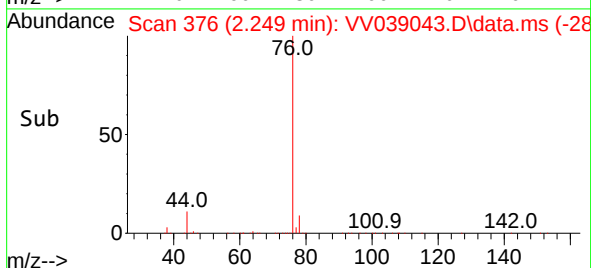
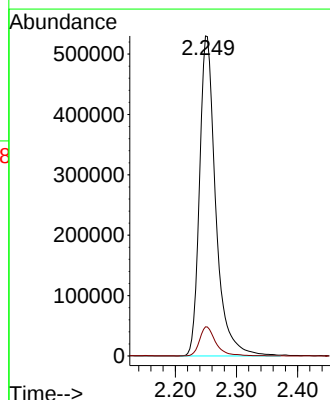
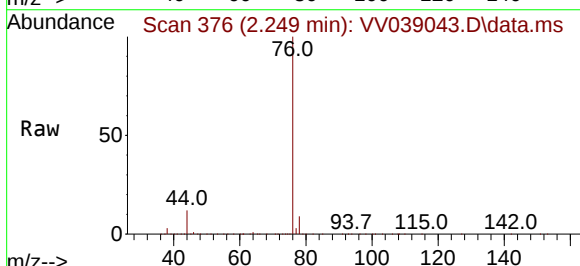
Acq: 11 Sep 2025 13:05

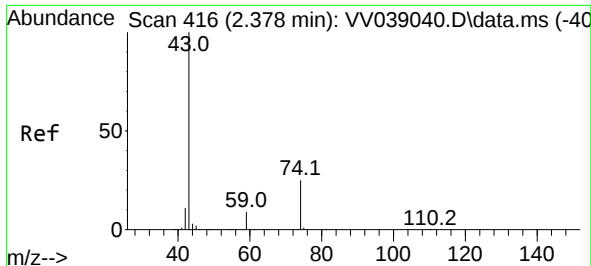
Tgt Ion: 76 Resp: 976846

Ion Ratio Lower Upper

76 100

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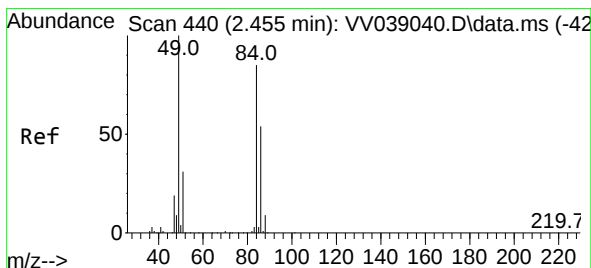
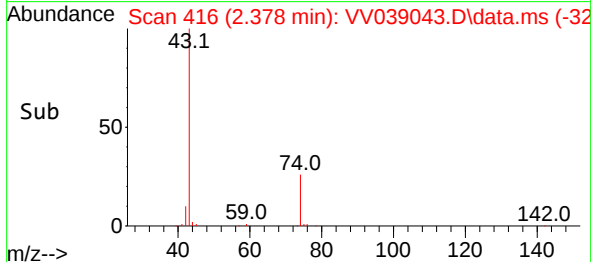
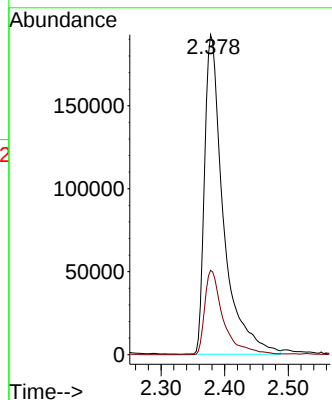
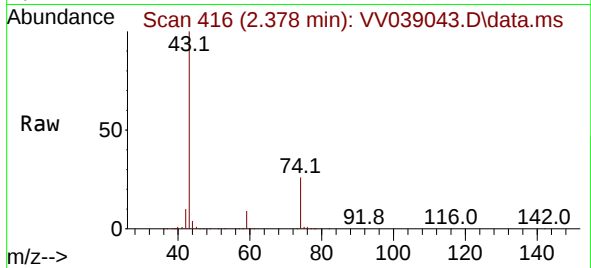




#15
Methyl Acetate
Concen: 50.108 ug/L
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

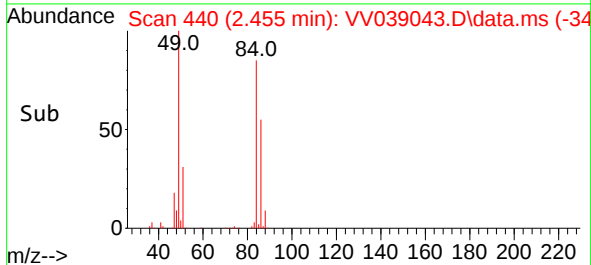
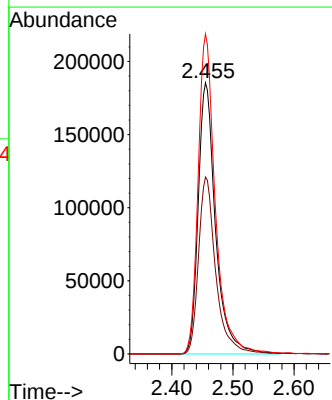
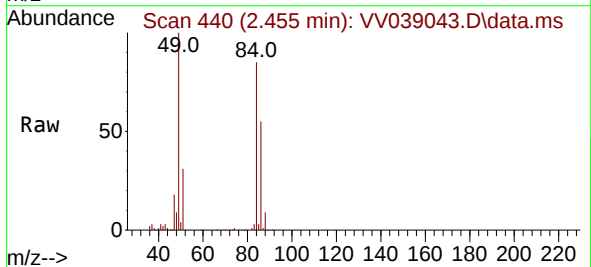
Instrument :
MSVOA_V
ClientSampleId :

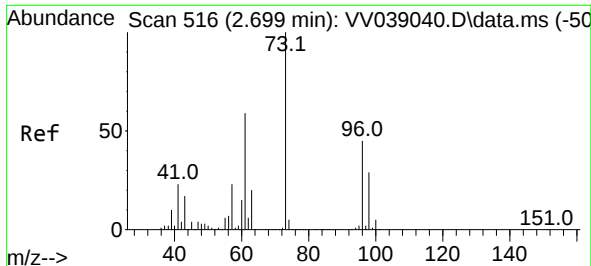
Tgt Ion: 43 Resp: 395386
Ion Ratio Lower Upper
43 100
74 25.7 19.6 29.4



#16
Methylene chloride
Concen: 47.221 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

Tgt Ion: 84 Resp: 365612
Ion Ratio Lower Upper
84 100
86 65.3 44.7 83.1
49 118.0 82.0 152.4

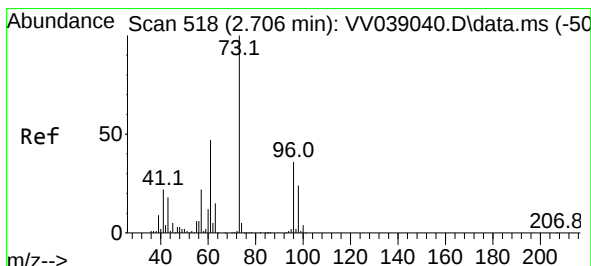
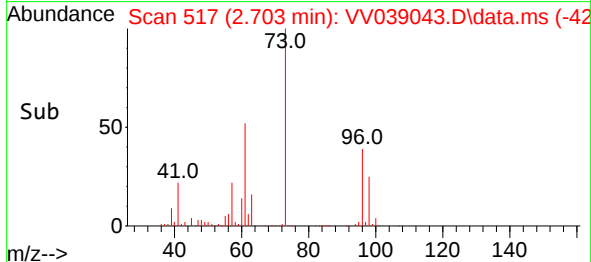
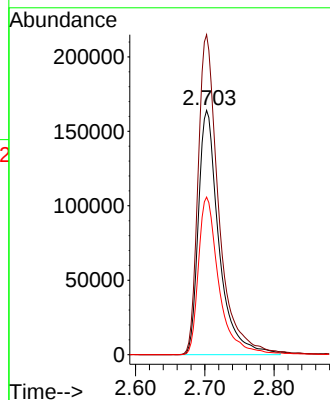
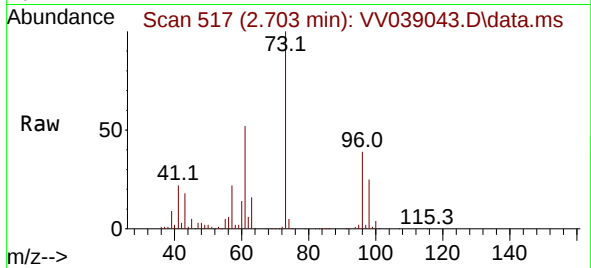




#17
trans-1,2-Dichloroethene
Concen: 48.355 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

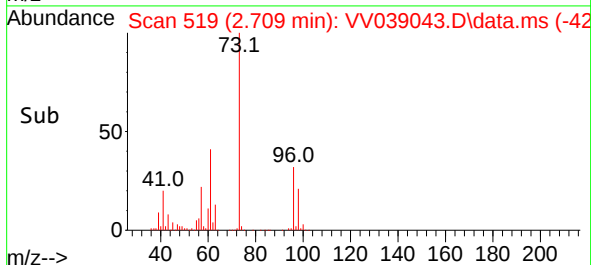
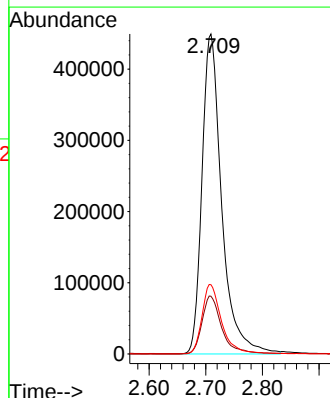
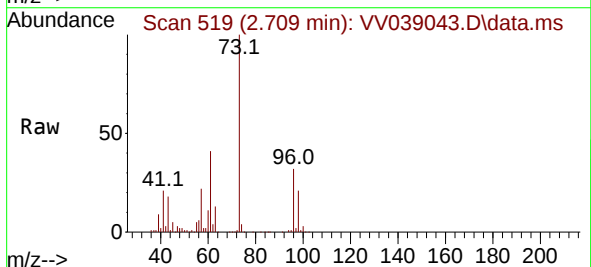
Instrument :
MSVOA_V
ClientSampleId :

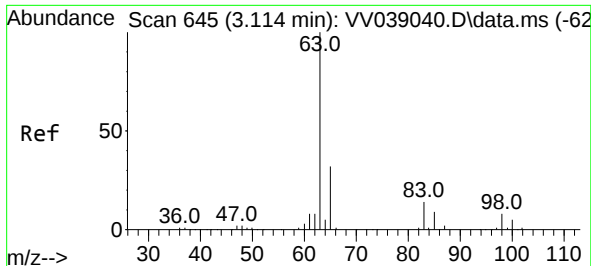
Tgt Ion: 96 Resp: 338514
Ion Ratio Lower Upper
96 100
61 131.0 91.3 169.5
98 64.5 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 54.186 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

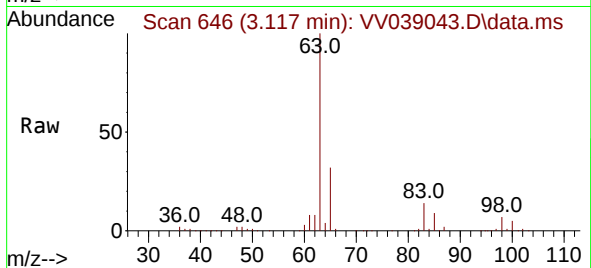
Tgt Ion: 73 Resp: 1087132
Ion Ratio Lower Upper
73 100
43 17.8 14.2 21.4
57 21.6 17.5 26.3



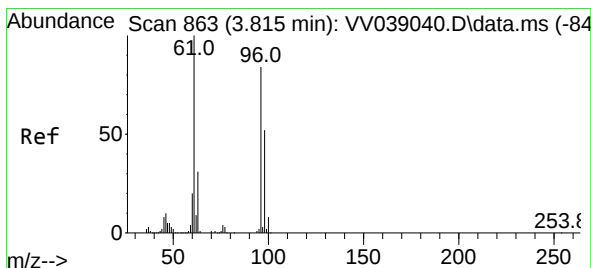
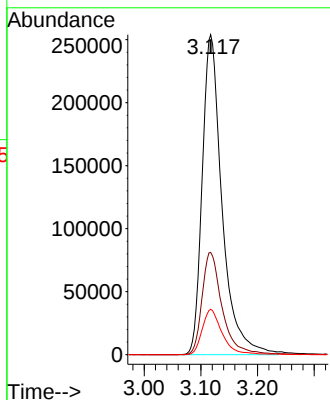
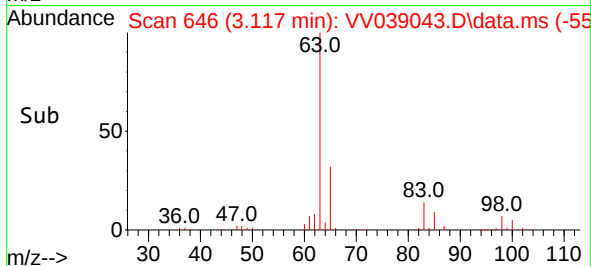


#19
1,1-Dichloroethane
Concen: 47.484 ug/L
RT: 3.117 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

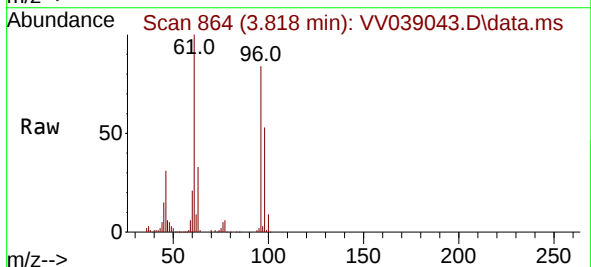
Instrument :
MSVOA_V
ClientSampleId :



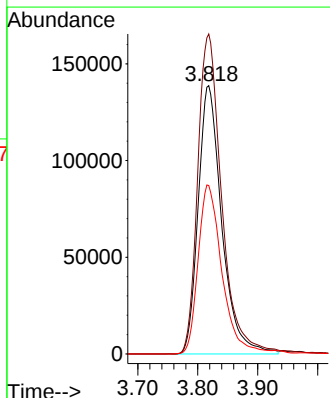
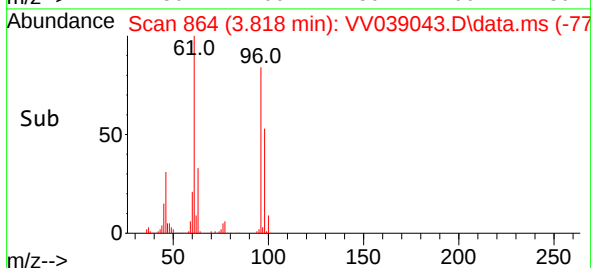
Tgt Ion: 63 Resp: 618323
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 14.2 9.6 17.8

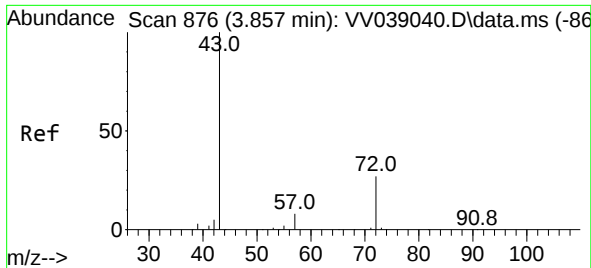


#20
cis-1,2-Dichloroethene
Concen: 50.915 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05



Tgt Ion: 96 Resp: 380885
Ion Ratio Lower Upper
96 100
61 119.3 83.8 155.6
98 62.8 43.5 80.9

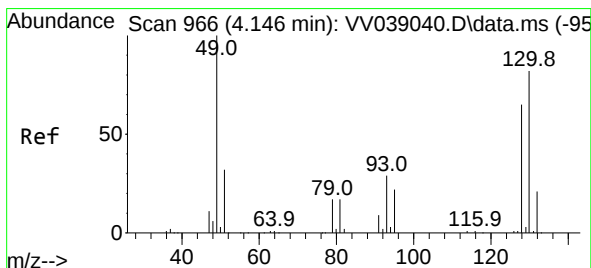
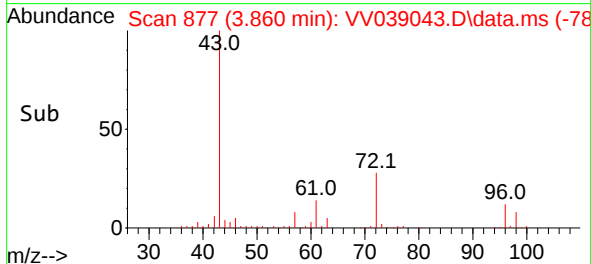
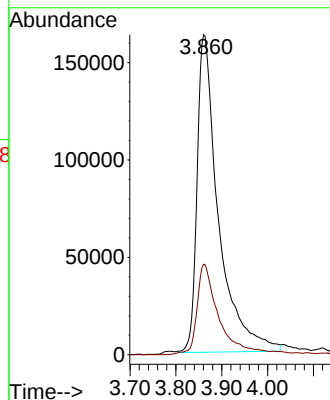
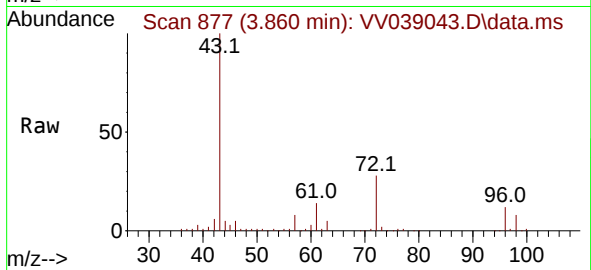




#22
2-Butanone
Concen: 103.168 ug/L
RT: 3.860 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

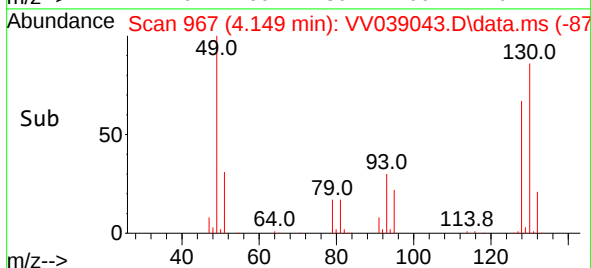
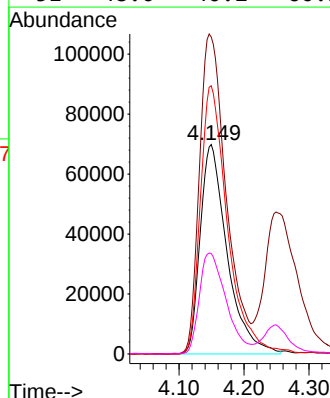
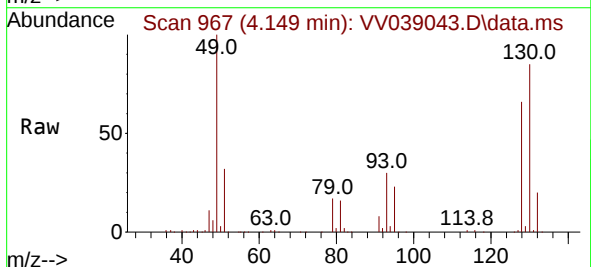
Instrument :
MSVOA_V
ClientSampleId :

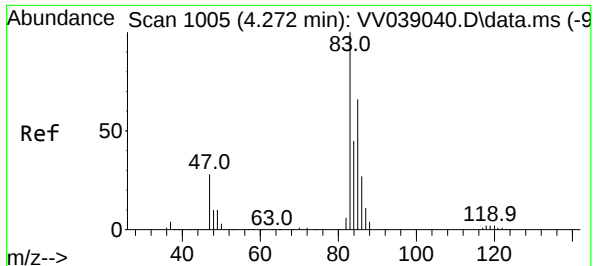
Tgt Ion: 43 Resp: 528470
Ion Ratio Lower Upper
43 100
72 26.1 13.2 39.5



#23
Bromochloromethane
Concen: 49.131 ug/L
RT: 4.149 min Scan# 967
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

Tgt Ion:128 Resp: 201082
Ion Ratio Lower Upper
128 100
49 151.4 108.4 201.4
130 128.1 89.1 165.5
51 48.0 40.2 60.2





#25

Chloroform

Concen: 47.091 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

Instrument :

MSVOA_V

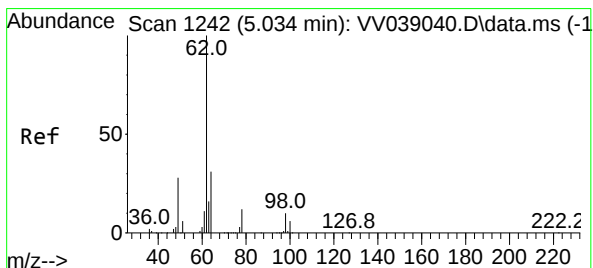
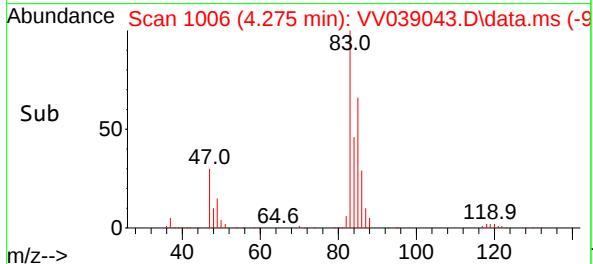
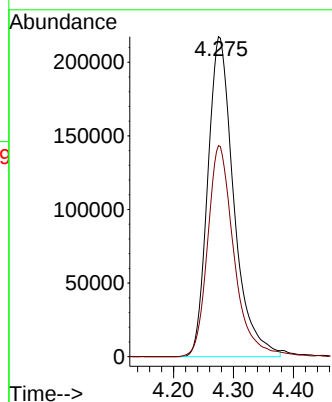
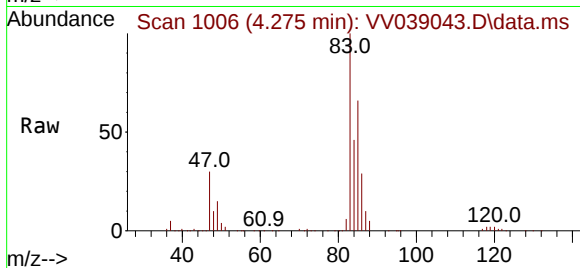
ClientSampleId :

Tgt Ion: 83 Resp: 654605

Ion Ratio Lower Upper

83 100

85 66.0 46.1 85.5



#27

1,2-Dichloroethane

Concen: 48.857 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV039043.D

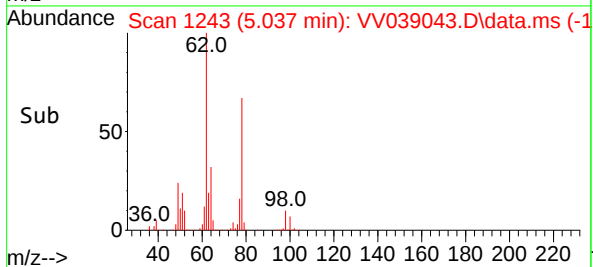
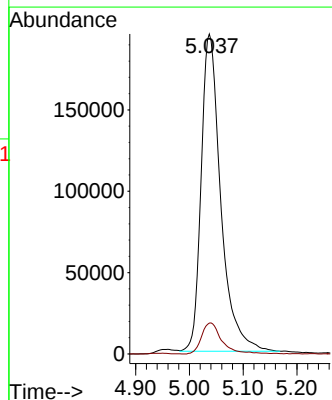
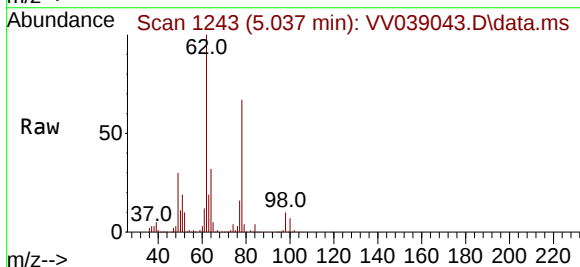
Acq: 11 Sep 2025 13:05

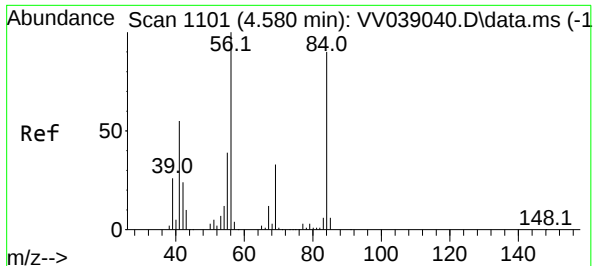
Tgt Ion: 62 Resp: 494553

Ion Ratio Lower Upper

62 100

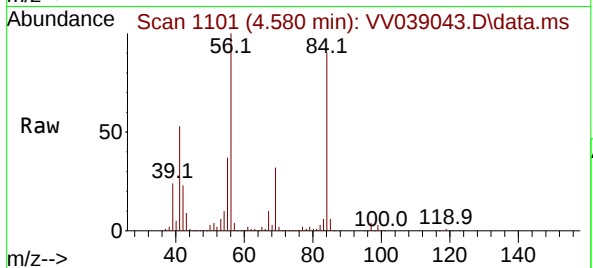
98 9.7 8.2 12.4



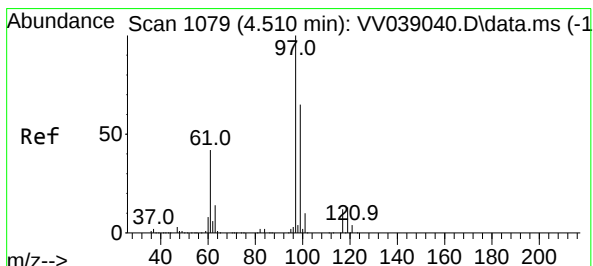
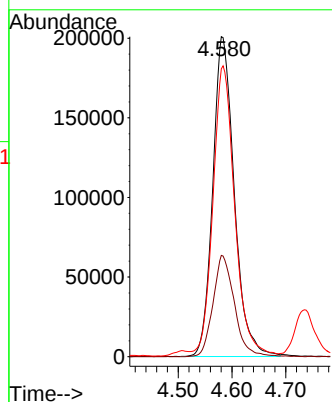
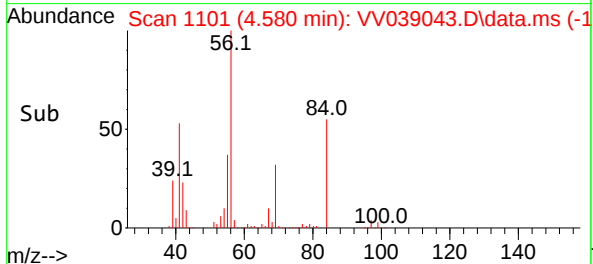


#29
Cyclohexane
Concen: 49.065 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

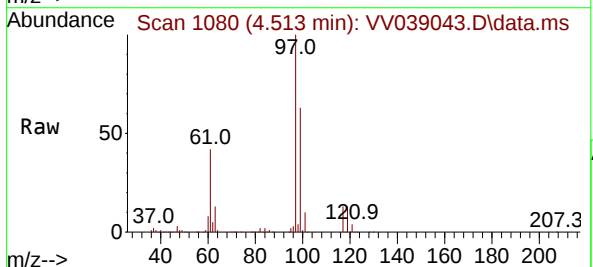
Instrument :
MSVOA_V
ClientSampleId :



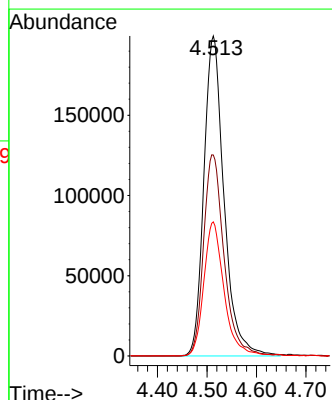
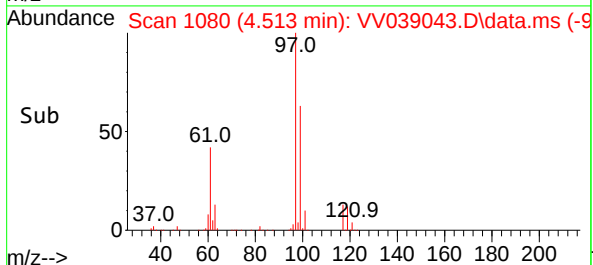
Tgt Ion: 56 Resp: 557821
Ion Ratio Lower Upper
56 100
69 31.4 25.1 37.7
84 91.6 73.0 109.4

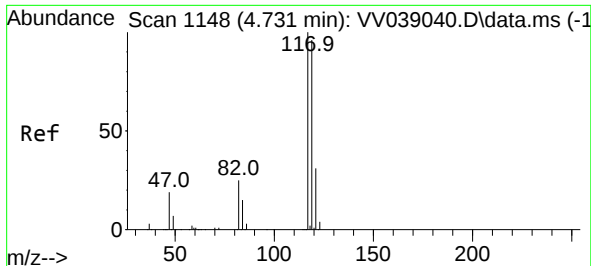


#30
1,1,1-Trichloroethane
Concen: 45.694 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05



Tgt Ion: 97 Resp: 563650
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 42.1 33.7 50.5

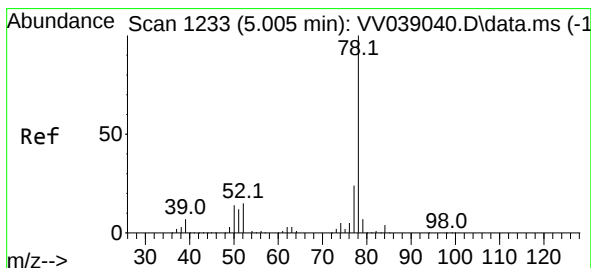
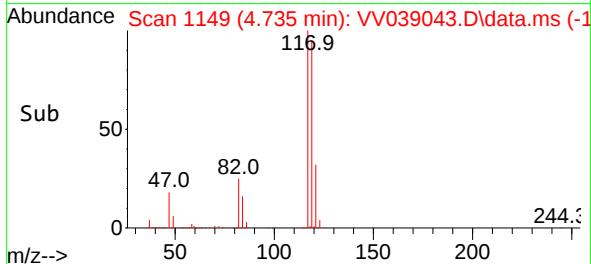
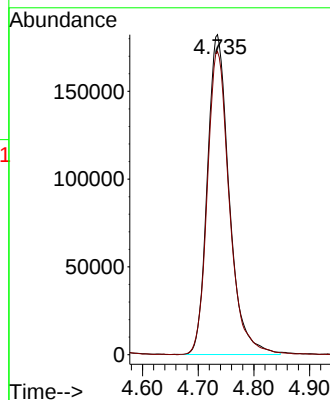
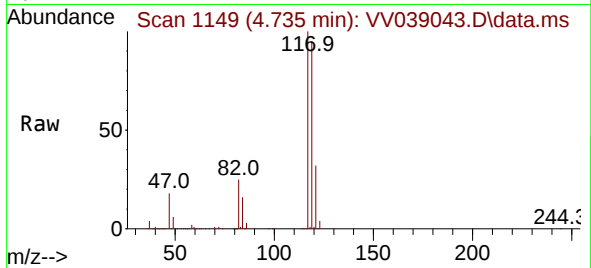




#31
Carbon tetrachloride
Concen: 45.313 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

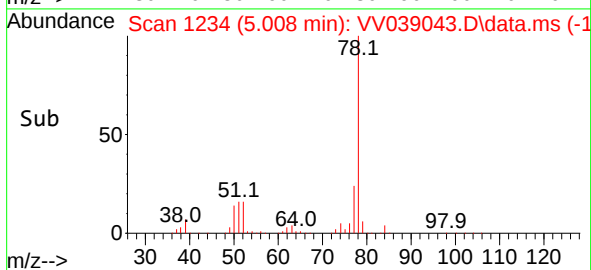
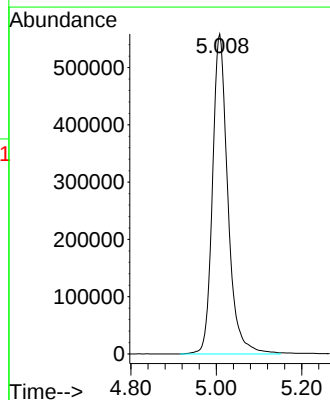
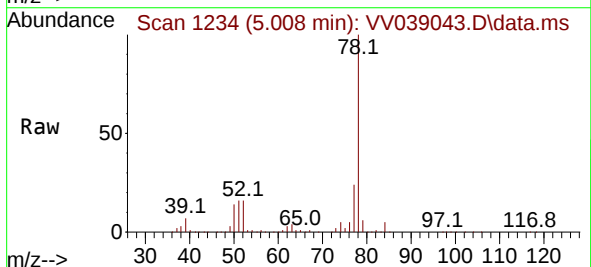
Instrument :
MSVOA_V
ClientSampleId :

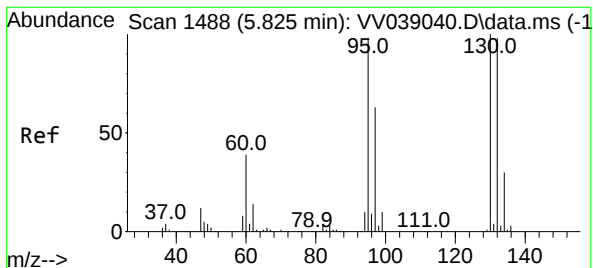
Tgt Ion:117 Resp: 497196
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.4



#33
Benzene
Concen: 48.893 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

Tgt Ion: 78 Resp: 1394867





#34

Trichloroethene

Concen: 46.977 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 363246

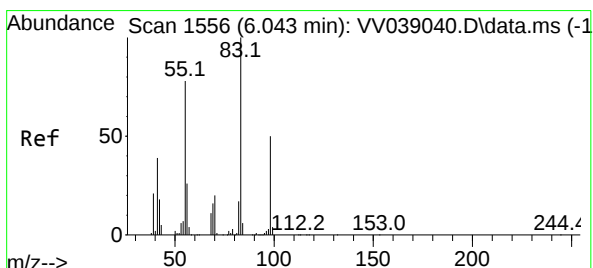
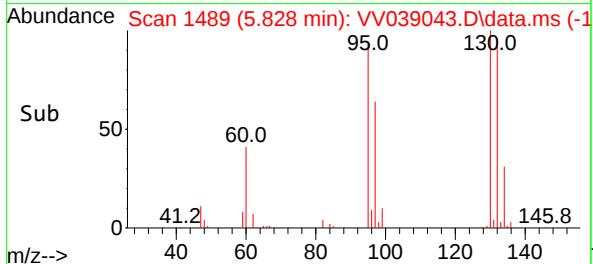
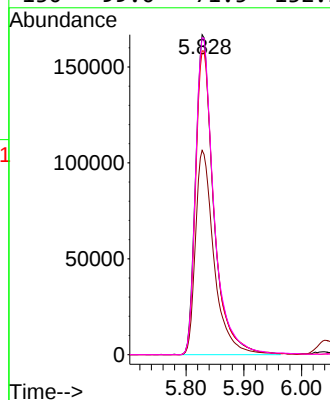
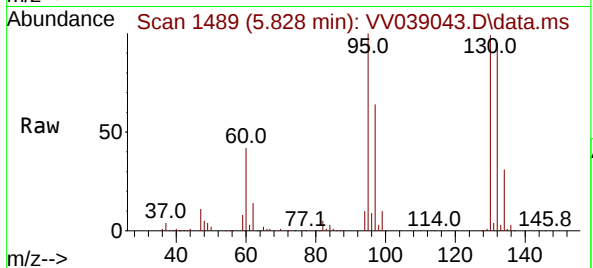
Ion Ratio Lower Upper

95 100

97 63.9 45.4 84.2

132 95.0 69.9 129.7

130 99.0 71.5 132.9



#35

Methylcyclohexane

Concen: 48.491 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

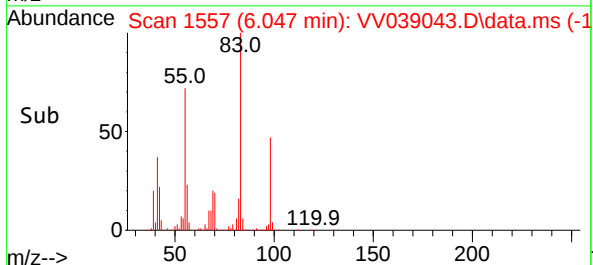
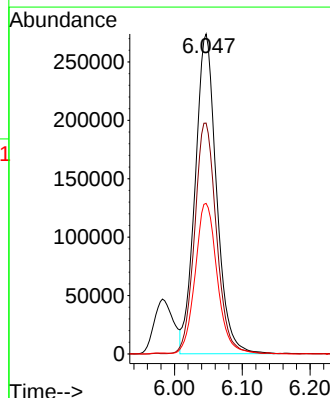
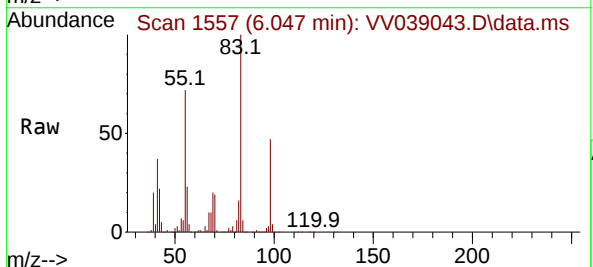
Tgt Ion: 83 Resp: 600012

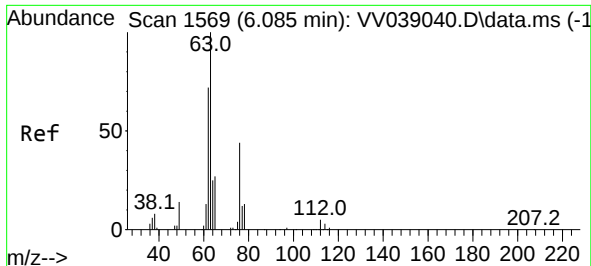
Ion Ratio Lower Upper

83 100

55 73.6 59.0 88.6

98 48.8 37.7 56.5





#37

1,2-Dichloropropane

Concen: 48.938 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

Instrument :

MSVOA_V

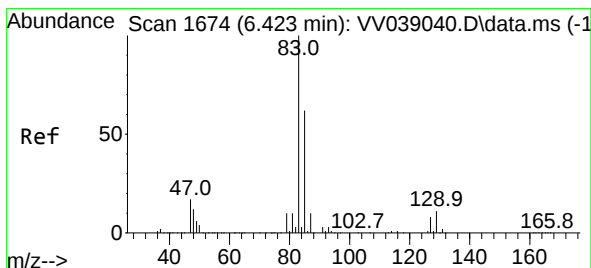
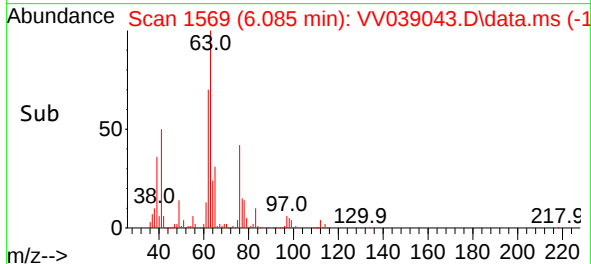
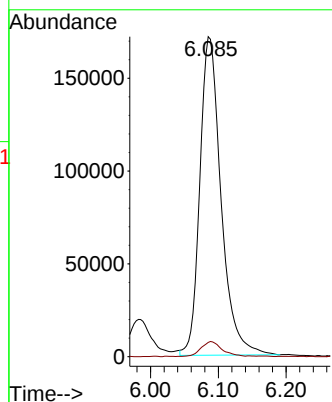
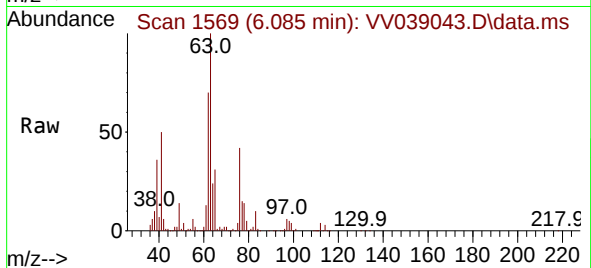
ClientSampleId :

Tgt Ion: 63 Resp: 373610

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 47.428 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.003 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

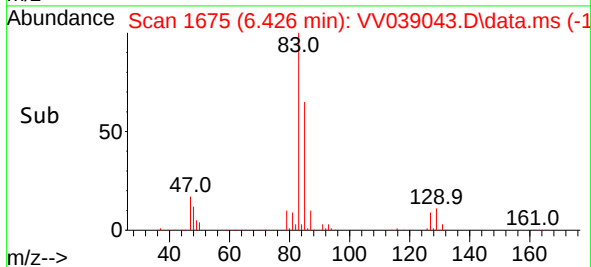
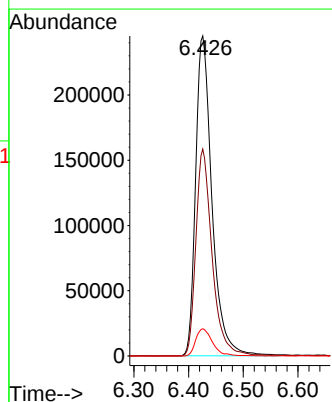
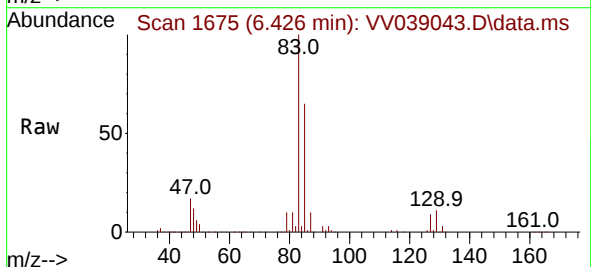
Tgt Ion: 83 Resp: 509701

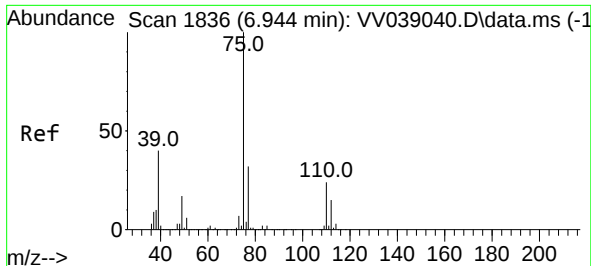
Ion Ratio Lower Upper

83 100

85 64.7 43.5 80.7

127 8.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 54.412 ug/L

RT: 6.947 min Scan# 1836

Delta R.T. 0.003 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

Instrument :

MSVOA_V

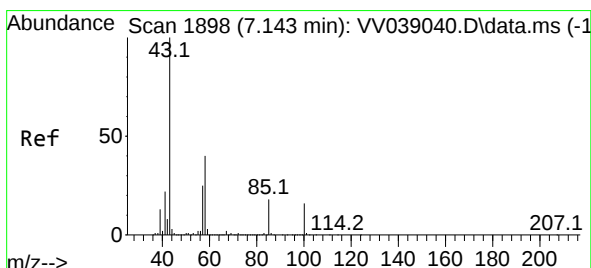
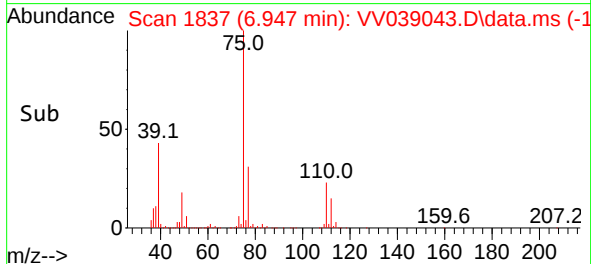
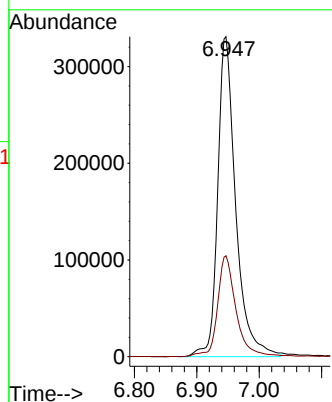
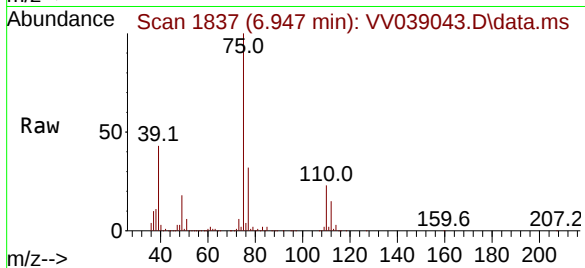
ClientSampleId :

Tgt Ion: 75 Resp: 662266

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 122.171 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. 0.003 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

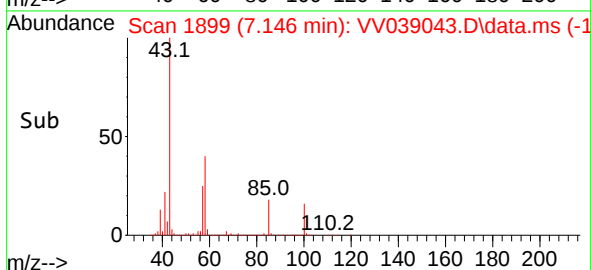
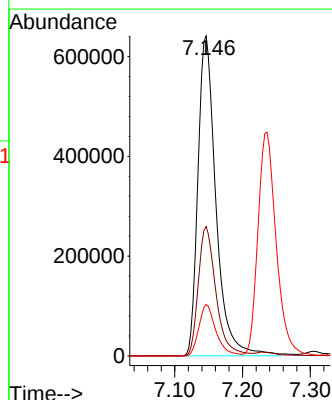
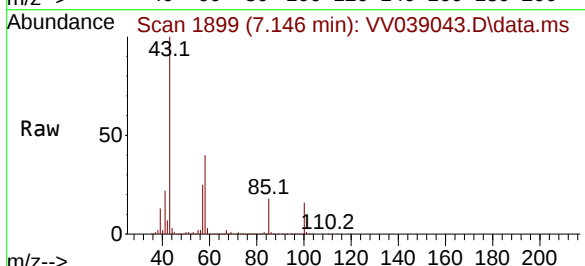
Tgt Ion: 43 Resp: 1183557

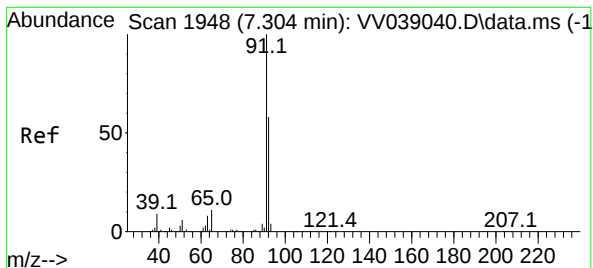
Ion Ratio Lower Upper

43 100

58 39.6 32.6 48.8

100 15.3 12.7 19.1





#42

Toluene

Concen: 50.182 ug/L

RT: 7.307 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

Instrument :

MSVOA_V

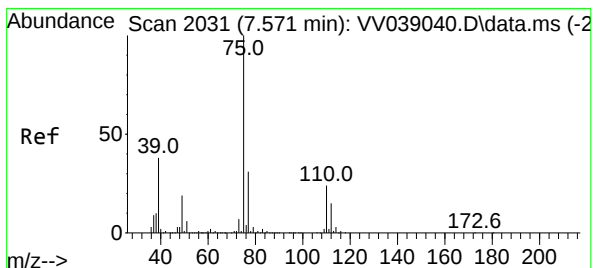
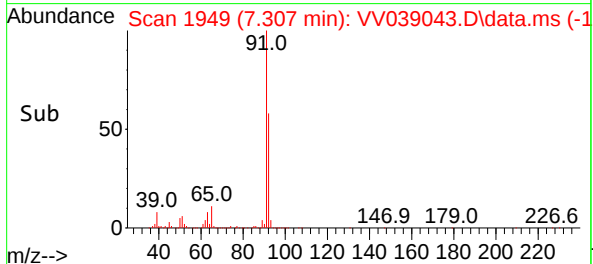
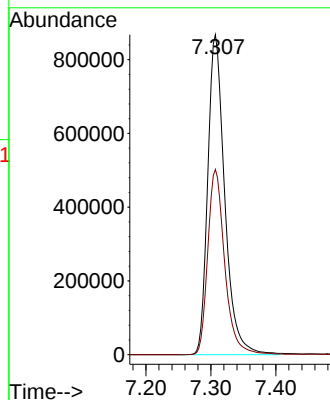
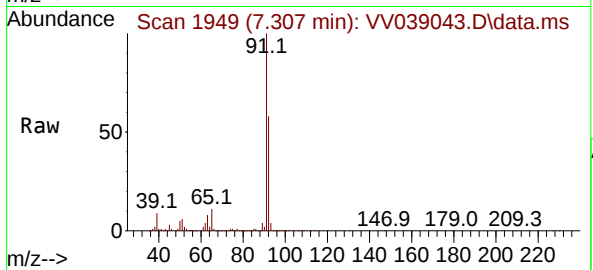
ClientSampleId :

Tgt Ion: 91 Resp: 1577259

Ion Ratio Lower Upper

91 100

92 57.9 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 54.483 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VV039043.D

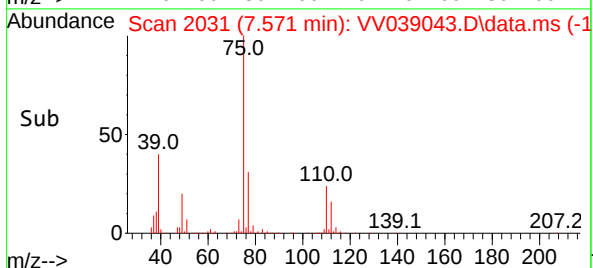
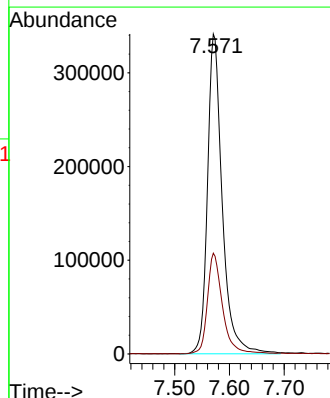
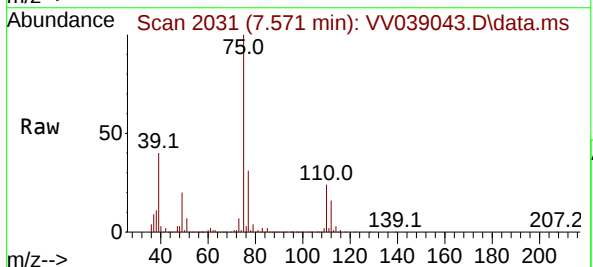
Acq: 11 Sep 2025 13:05

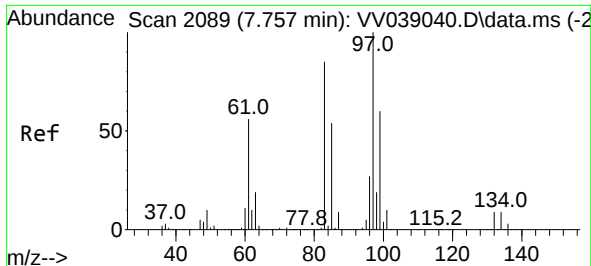
Tgt Ion: 75 Resp: 639294

Ion Ratio Lower Upper

75 100

77 31.5 21.6 40.2



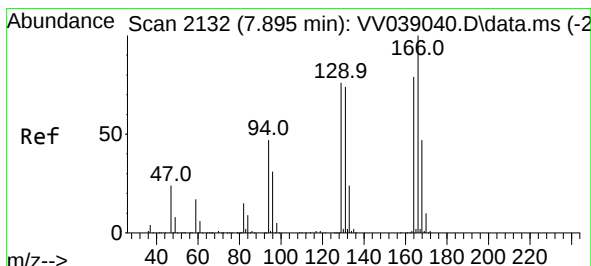
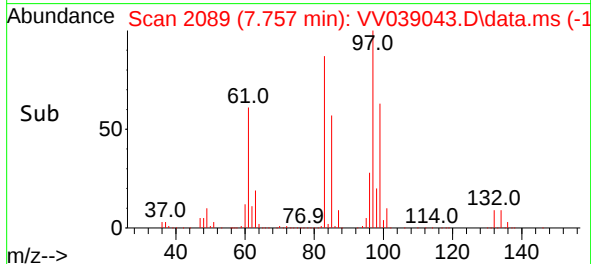
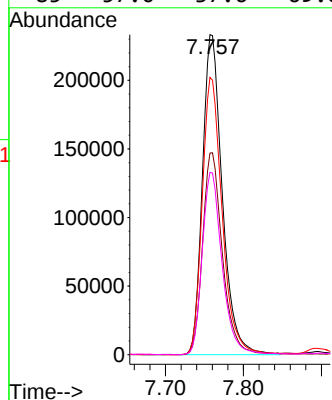
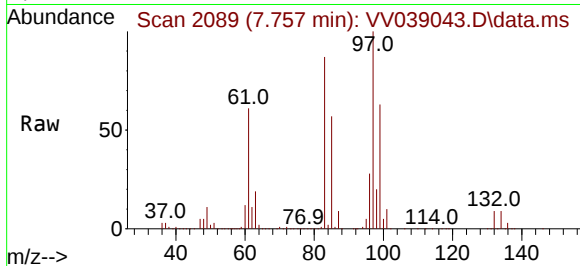


#45
1,1,2-Trichloroethane
Concen: 51.143 ug/L
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 413329

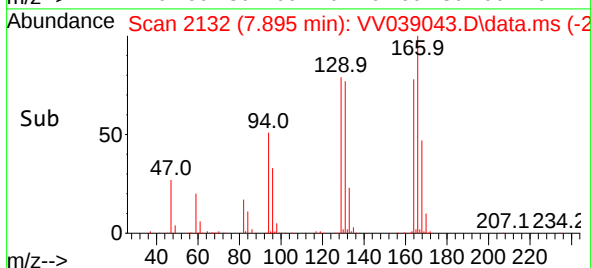
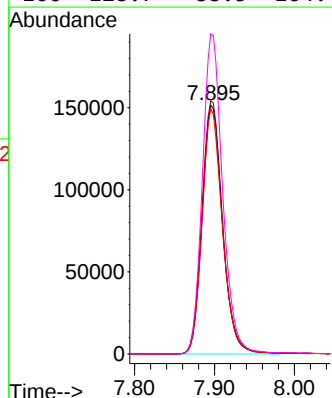
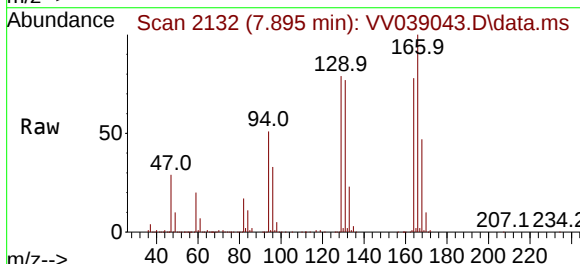
Ion	Ratio	Lower	Upper
97	100		
99	63.0	42.3	78.5
83	86.7	59.4	110.2
85	57.0	37.6	69.8

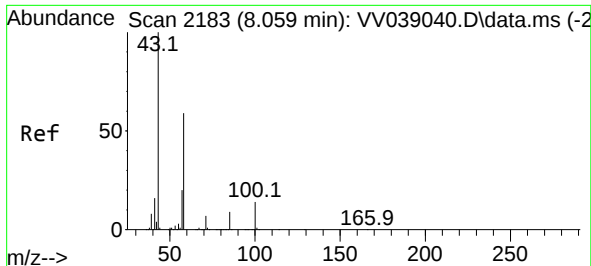


#46
Tetrachloroethene
Concen: 45.352 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

Tgt Ion: 164 Resp: 272013

Ion	Ratio	Lower	Upper
164	100		
129	101.8	67.0	124.4
131	98.7	65.6	121.8
166	128.7	88.5	164.4

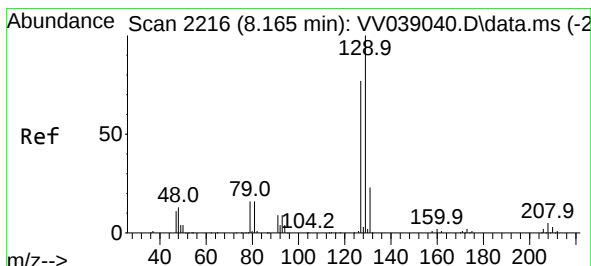
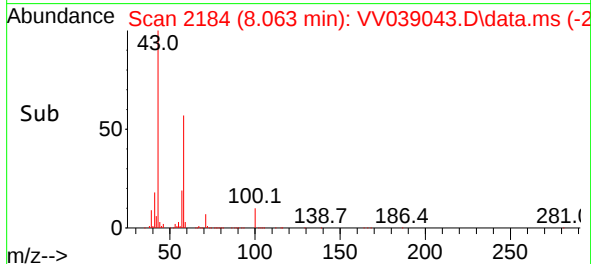
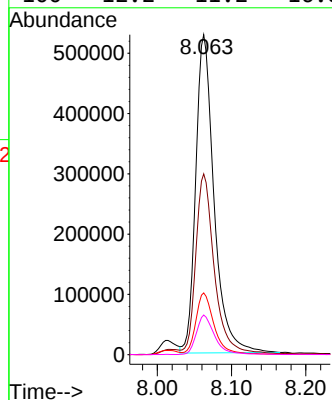
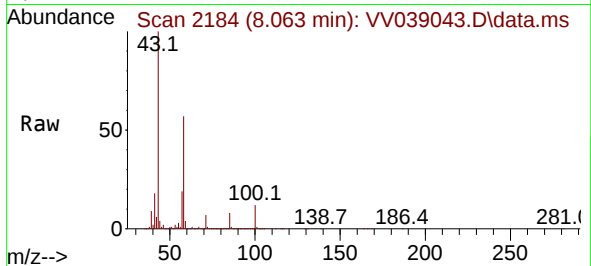




#48
2-Hexanone
Concen: 134.733 ug/L
RT: 8.063 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

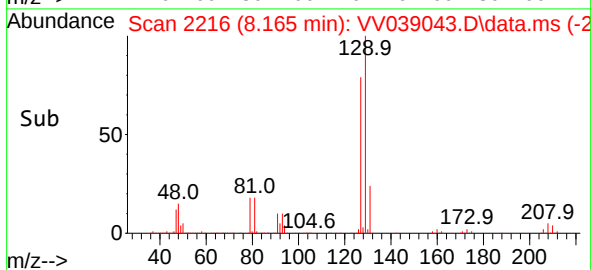
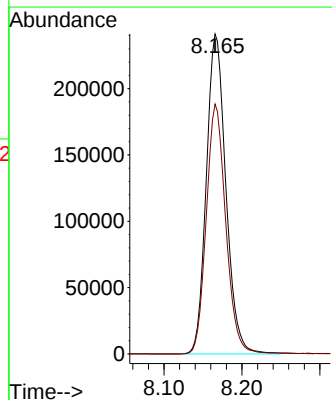
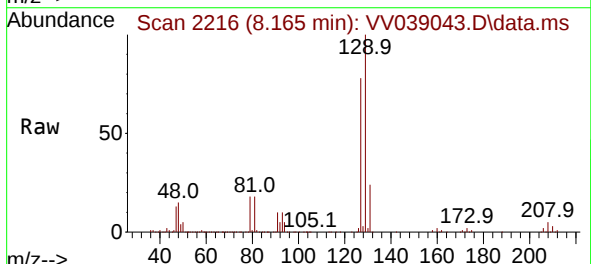
Instrument :
MSVOA_V
ClientSampleId :

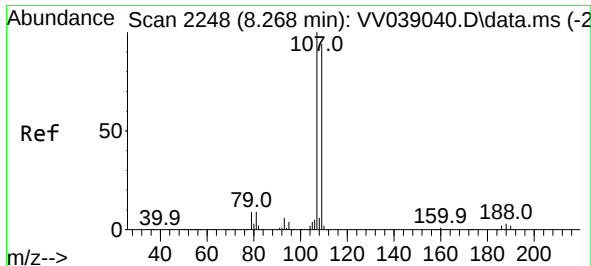
Tgt Ion: 43 Resp: 910367
Ion Ratio Lower Upper
43 100
58 56.7 46.3 69.5
57 18.8 15.8 23.6
100 12.2 11.2 16.8



#49
Dibromochloromethane
Concen: 49.222 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

Tgt Ion: 129 Resp: 420494
Ion Ratio Lower Upper
129 100
127 78.1 53.8 100.0





#50

1,2-Dibromoethane

Concen: 51.175 ug/L

RT: 8.271 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

Instrument :

MSVOA_V

ClientSampleId :

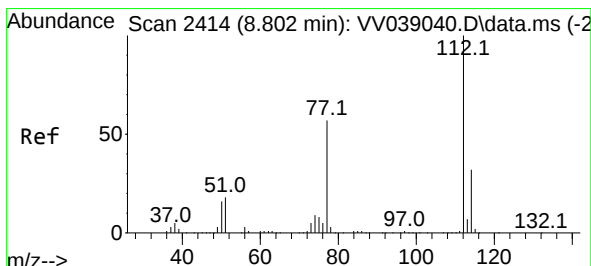
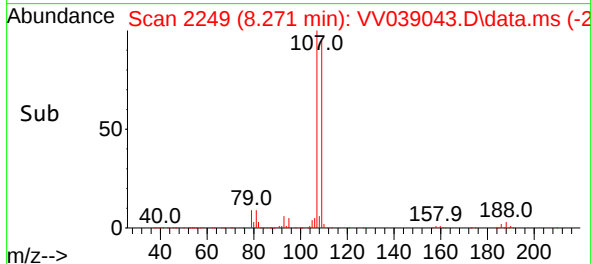
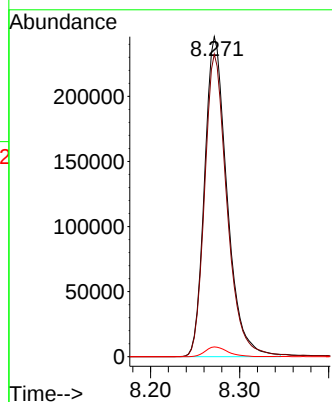
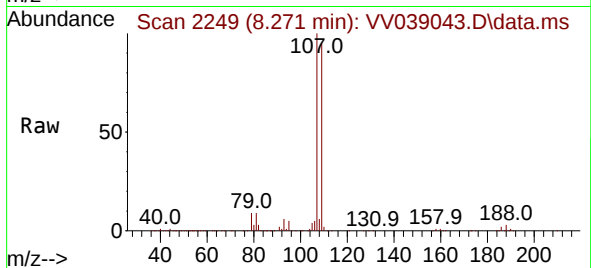
Tgt Ion:107 Resp: 431932

Ion Ratio Lower Upper

107 100

109 94.6 66.1 122.8

188 3.0 2.6 4.0



#51

Chlorobenzene

Concen: 49.392 ug/L

RT: 8.802 min Scan# 2414

Delta R.T. 0.000 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

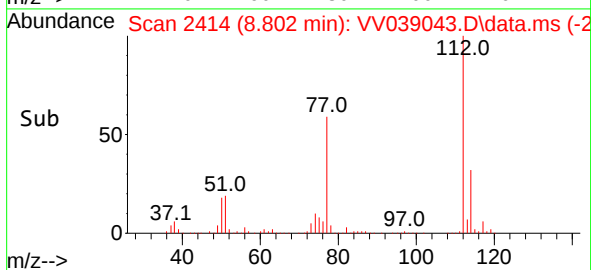
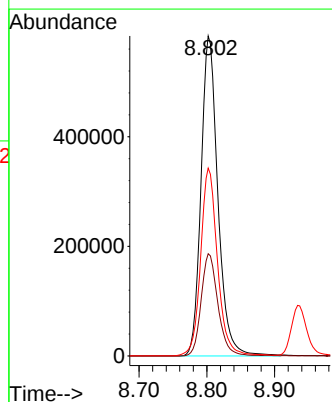
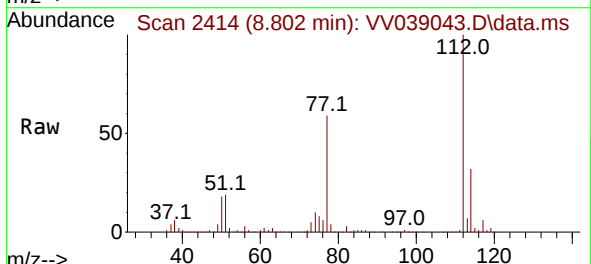
Tgt Ion:112 Resp: 1008600

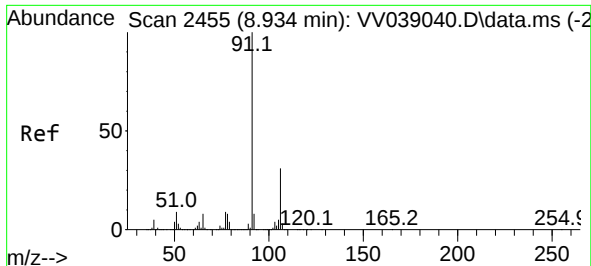
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.3

77 58.7 45.5 68.3

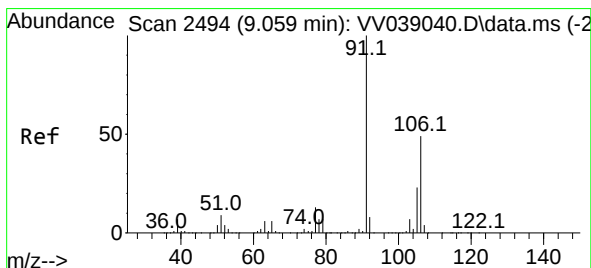
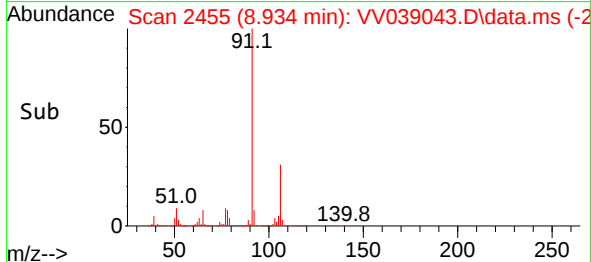
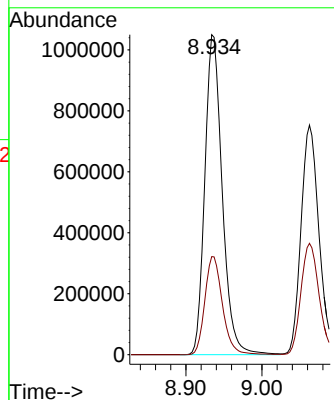
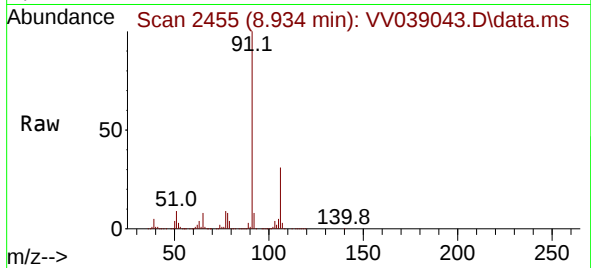




#52
Ethylbenzene
Concen: 50.461 ug/L
RT: 8.934 min Scan# 2455
Delta R.T. 0.000 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

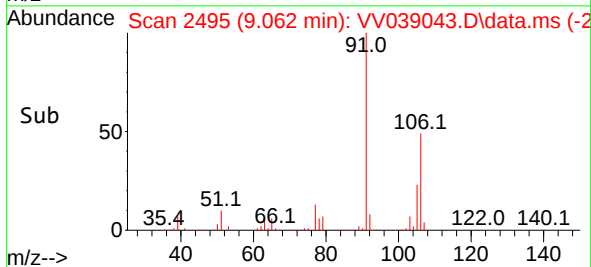
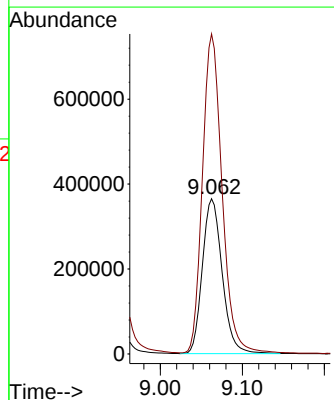
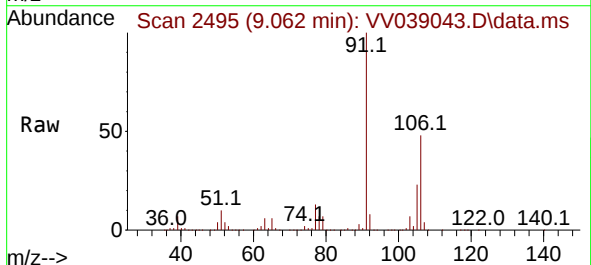
Instrument :
MSVOA_V
ClientSampleId :

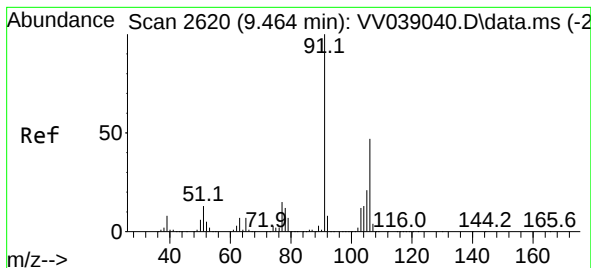
Tgt Ion: 91 Resp: 1668848
Ion Ratio Lower Upper
91 100
106 30.6 21.7 40.3



#53
m,p-Xylene
Concen: 48.311 ug/L
RT: 9.062 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

Tgt Ion:106 Resp: 611385
Ion Ratio Lower Upper
106 100
91 206.2 142.0 263.8





#54

o-Xylene

Concen: 50.730 ug/L

RT: 9.468 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

Instrument :

MSVOA_V

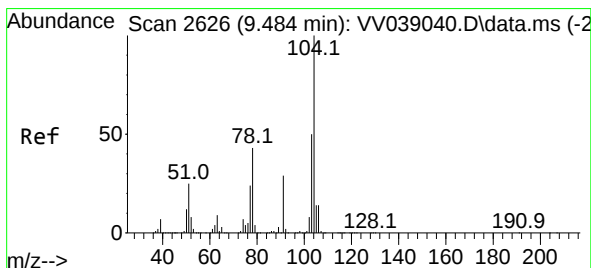
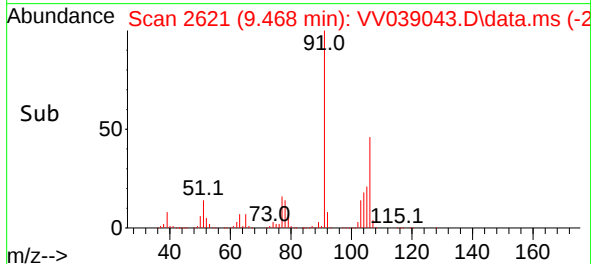
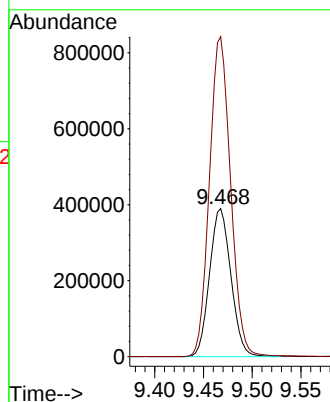
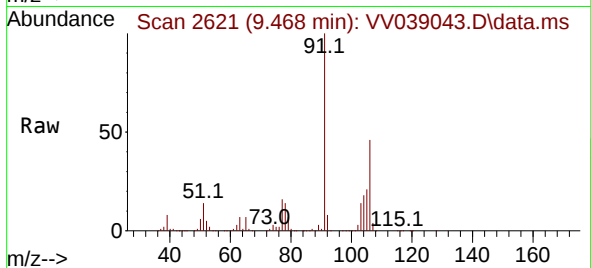
ClientSampleId :

Tgt Ion:106 Resp: 594616

Ion Ratio Lower Upper

106 100

91 215.9 149.1 276.9



#55

Styrene

Concen: 52.029 ug/L

RT: 9.484 min Scan# 2626

Delta R.T. 0.000 min

Lab File: VV039043.D

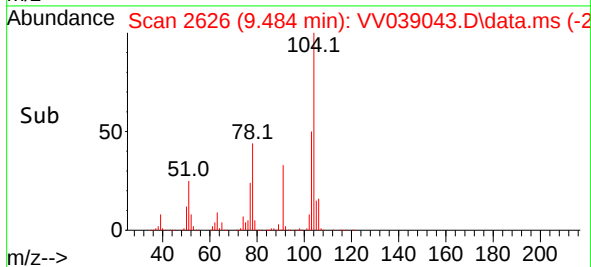
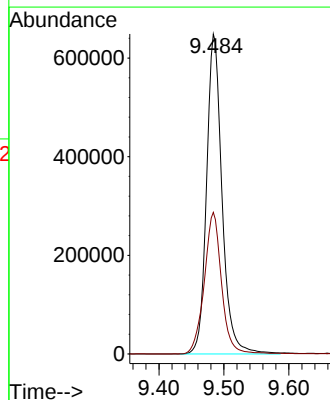
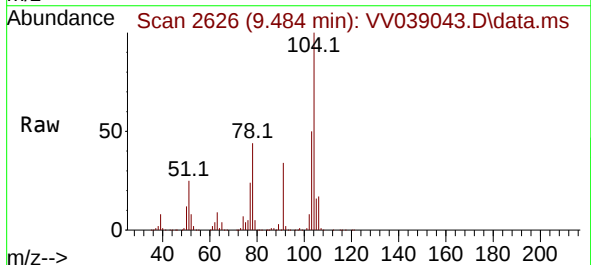
Acq: 11 Sep 2025 13:05

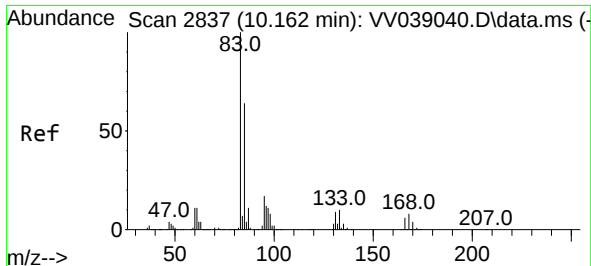
Tgt Ion:104 Resp: 1077102

Ion Ratio Lower Upper

104 100

78 44.2 30.3 56.3

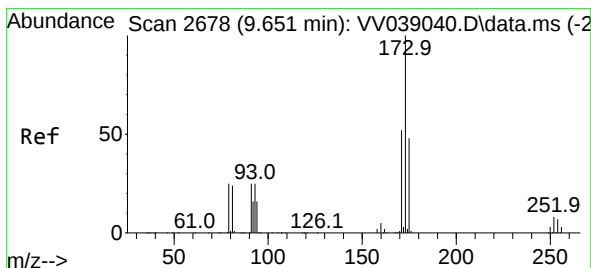
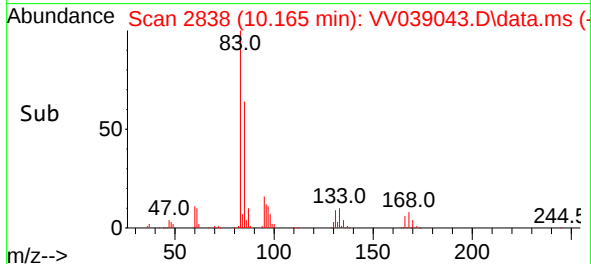
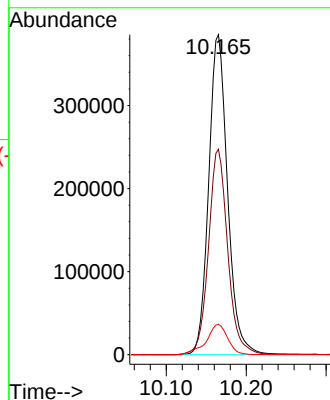
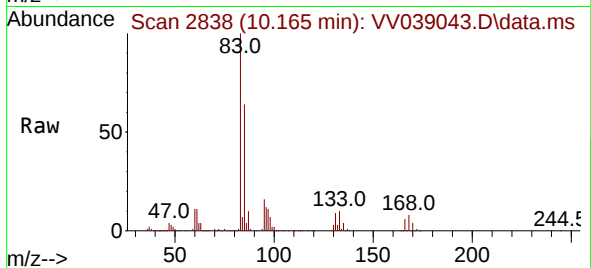




#57
1,1,2,2-Tetrachloroethane
Concen: 48.541 ug/L
RT: 10.165 min Scan# 2838
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

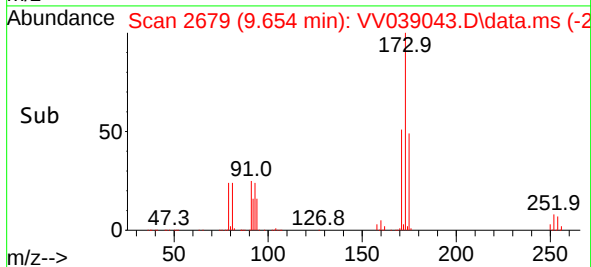
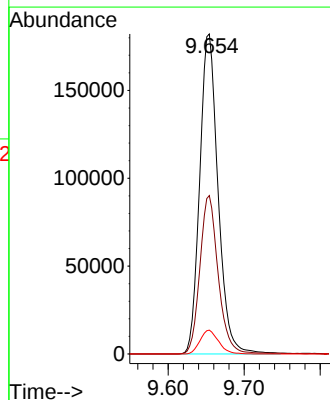
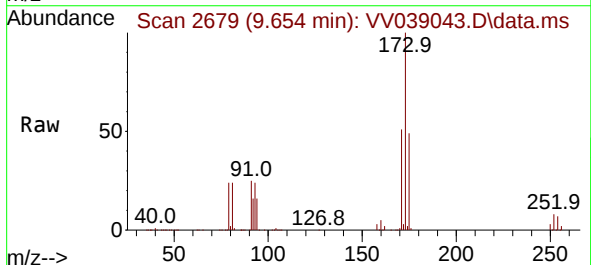
Instrument :
MSVOA_V
ClientSampleId :

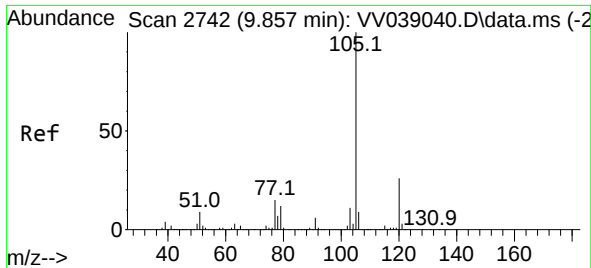
Tgt Ion: 83 Resp: 632624
Ion Ratio Lower Upper
83 100
85 64.2 44.8 83.2
131 9.5 7.6 11.4



#59
Bromoform
Concen: 49.283 ug/L
RT: 9.654 min Scan# 2679
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

Tgt Ion: 173 Resp: 305765
Ion Ratio Lower Upper
173 100
175 49.2 38.9 58.3
254 7.5 5.9 8.9

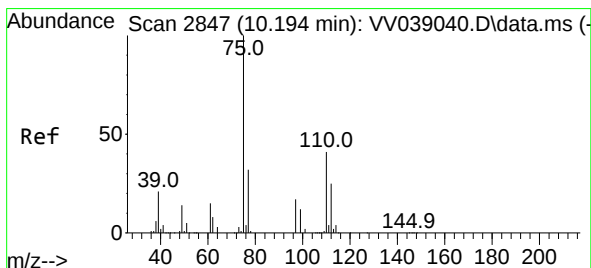
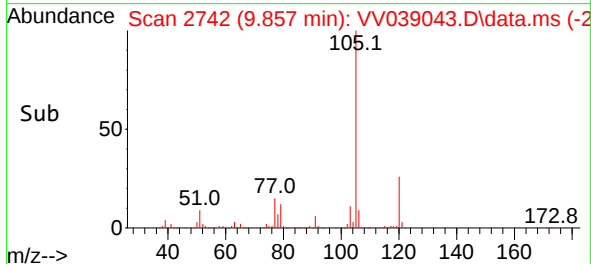
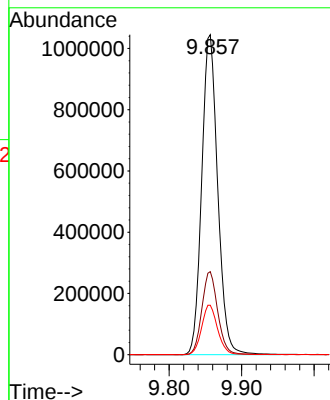
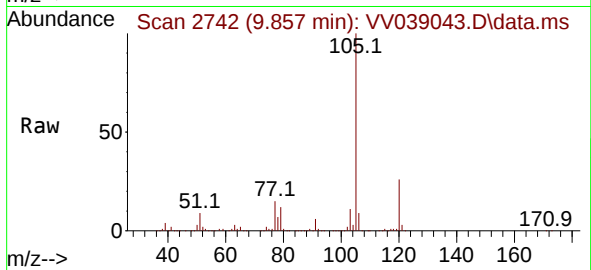




#60
Isopropylbenzene
Concen: 50.447 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

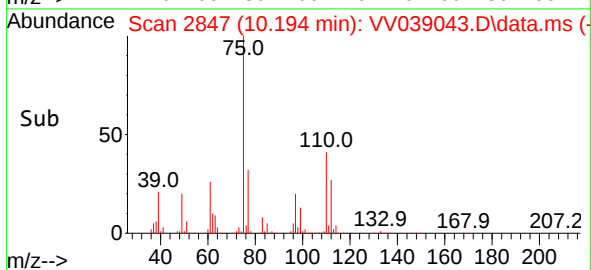
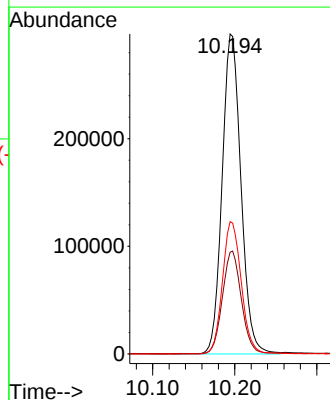
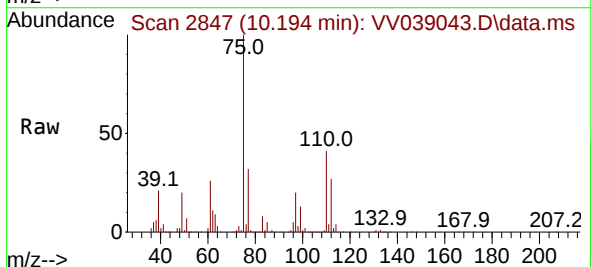
Instrument :
MSVOA_V
ClientSampleId :

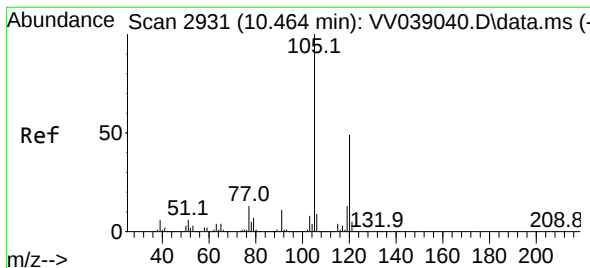
Tgt Ion:105 Resp: 1598480
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.4
77 15.5 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 49.130 ug/L
RT: 10.194 min Scan# 2847
Delta R.T. 0.000 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

Tgt Ion: 75 Resp: 475321
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
110 41.3 32.4 48.6





#62

1,3,5-Trimethylbenzene

Concen: 51.879 ug/L

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

Instrument :

MSVOA_V

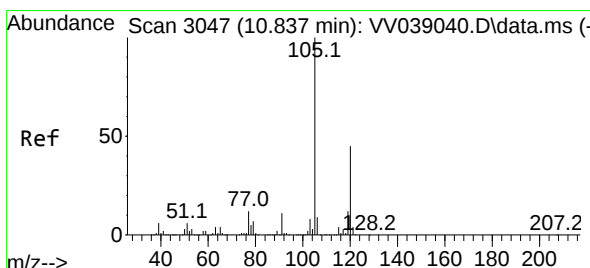
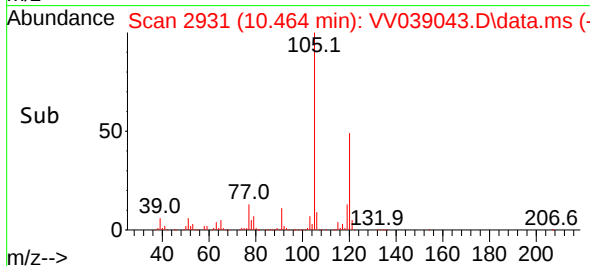
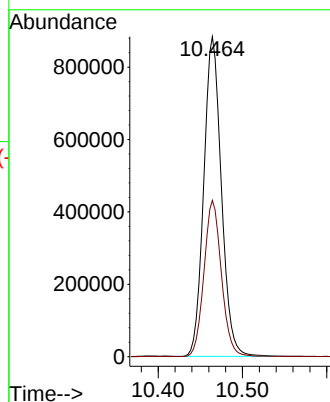
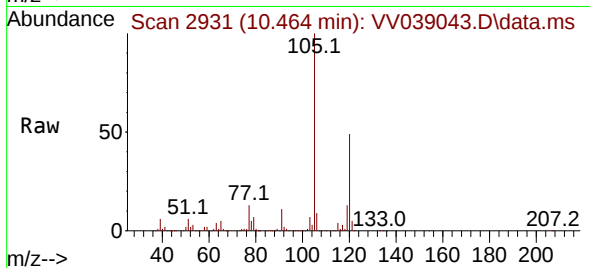
ClientSampleId :

Tgt Ion:105 Resp: 1285724

Ion Ratio Lower Upper

105 100

120 48.4 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 52.062 ug/L

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039043.D

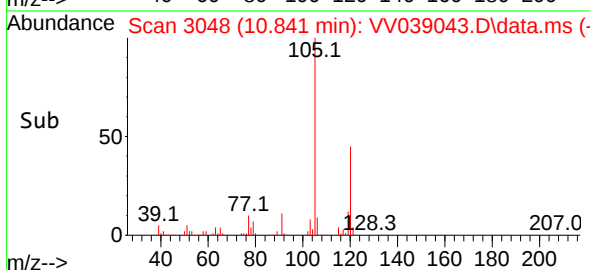
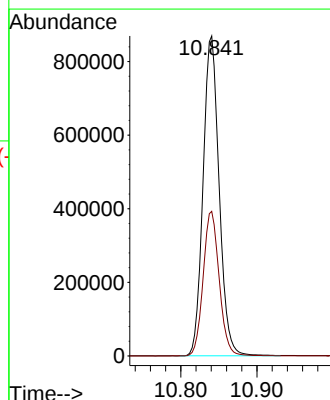
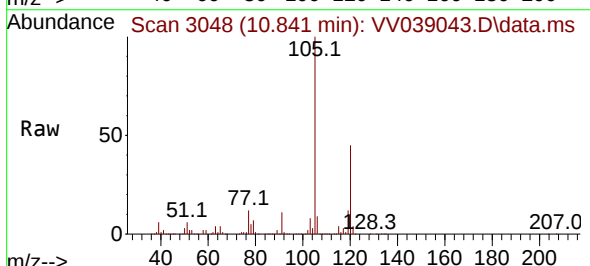
Acq: 11 Sep 2025 13:05

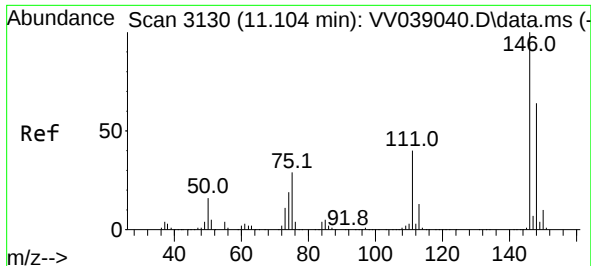
Tgt Ion:105 Resp: 1278797

Ion Ratio Lower Upper

105 100

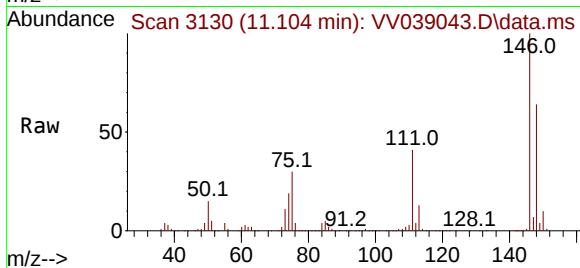
120 44.9 36.1 54.1



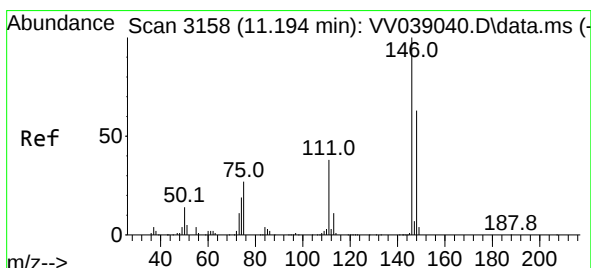
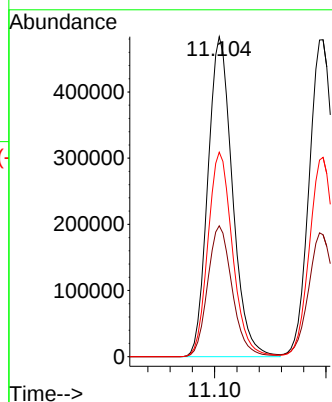
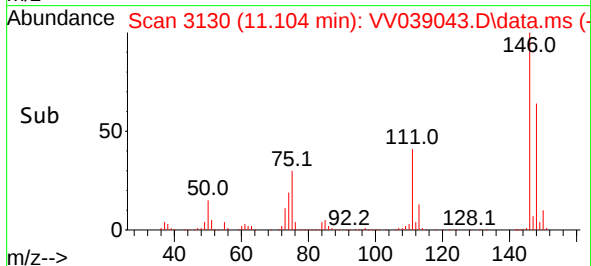


#64
1,3-Dichlorobenzene
Concen: 49.118 ug/L
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05

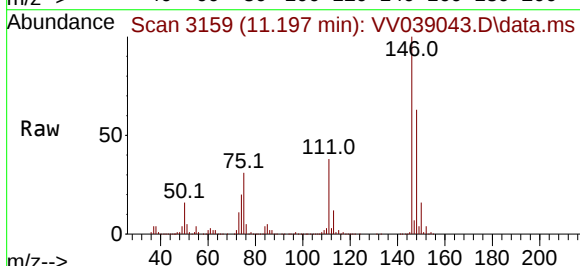
Instrument :
MSVOA_V
ClientSampleId :



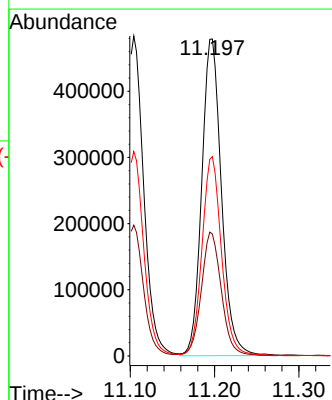
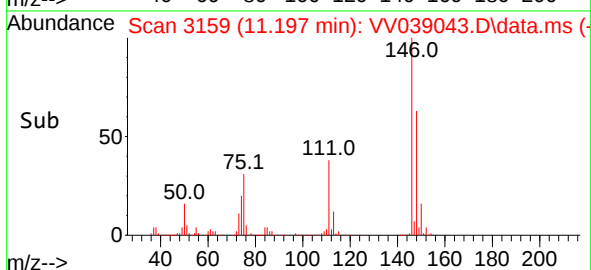
Tgt Ion:146 Resp: 740928
Ion Ratio Lower Upper
146 100
111 40.9 28.3 52.5
148 63.9 44.9 83.5

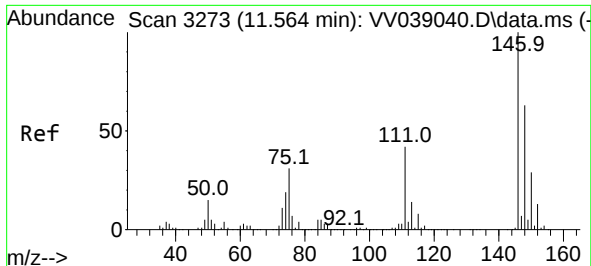


#65
1,4-Dichlorobenzene
Concen: 48.325 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039043.D
Acq: 11 Sep 2025 13:05



Tgt Ion:146 Resp: 780339
Ion Ratio Lower Upper
146 100
111 38.5 27.0 50.2
148 62.9 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 48.833 ug/L

RT: 11.567 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

Instrument :

MSVOA_V

ClientSampleId :

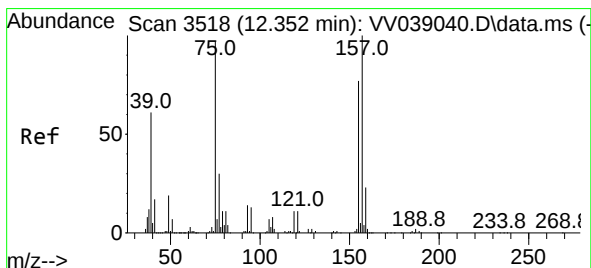
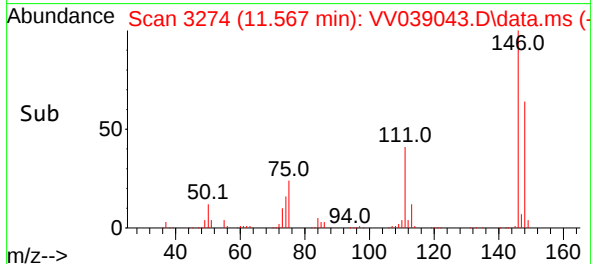
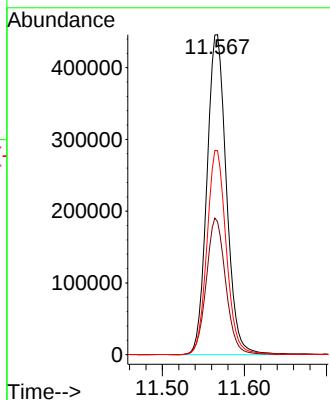
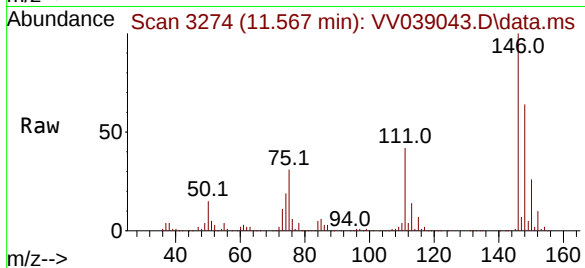
Tgt Ion:146 Resp: 736742

Ion Ratio Lower Upper

146 100

111 41.6 33.4 50.2

148 63.7 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 49.582 ug/L

RT: 12.349 min Scan# 3517

Delta R.T. -0.004 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

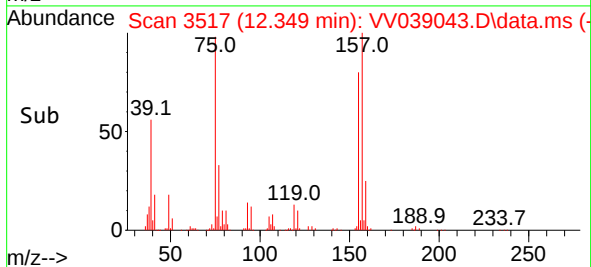
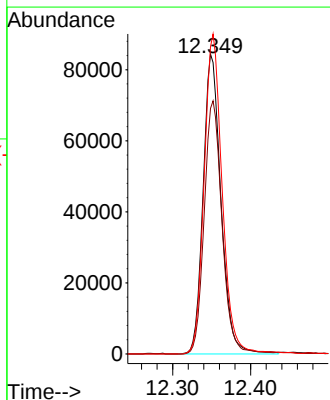
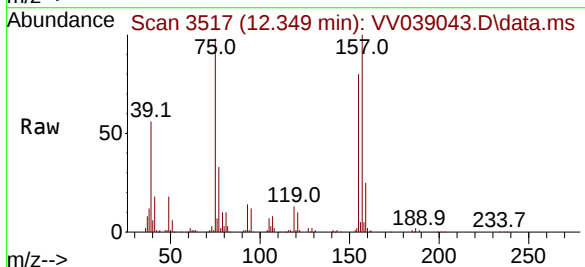
Tgt Ion: 75 Resp: 134689

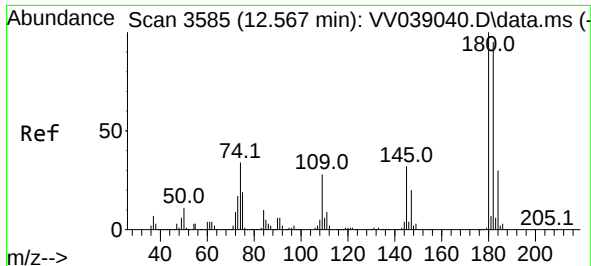
Ion Ratio Lower Upper

75 100

155 81.9 63.7 95.5

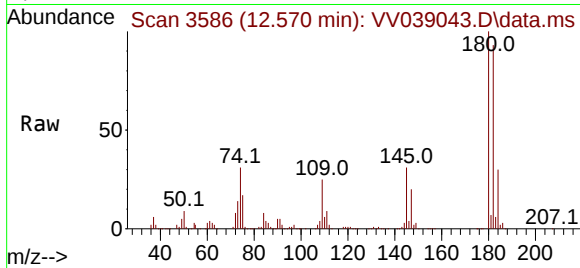
157 102.5 82.2 123.2



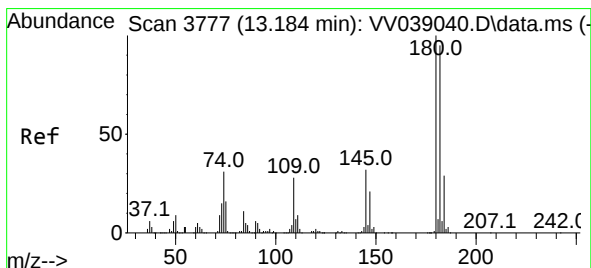
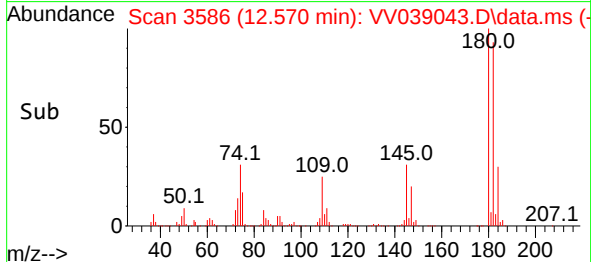
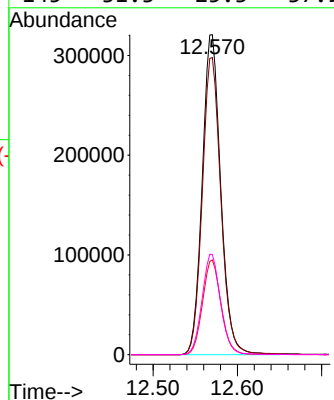


#69
 1,3,5-Trichlorobenzene
 Concen: 50.501 ug/L
 RT: 12.570 min Scan# 3585
 Delta R.T. 0.003 min
 Lab File: VV039043.D
 Acq: 11 Sep 2025 13:05

Instrument :
 MSVOA_V
 ClientSampleId :

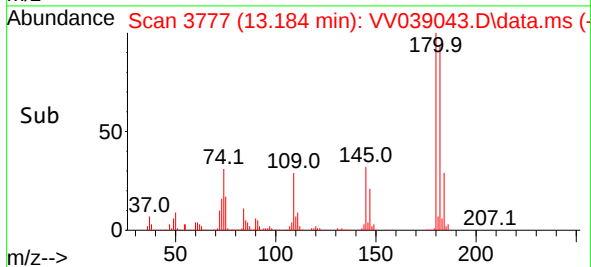
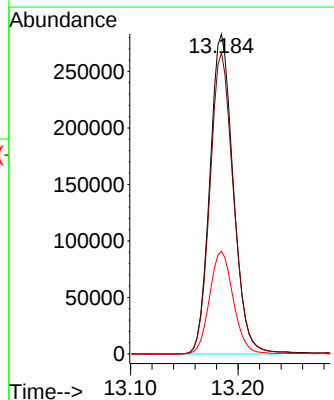
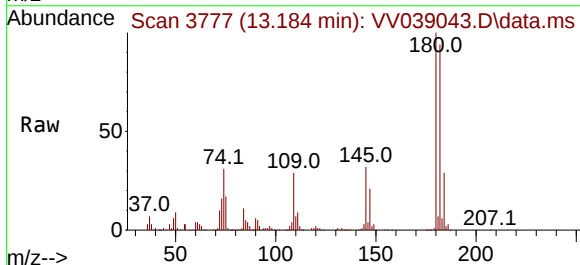


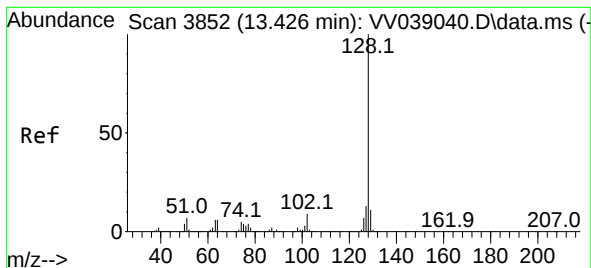
Tgt Ion:180 Resp: 491780
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.0 112.4
 184 29.6 23.8 35.8
 145 31.3 25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 50.502 ug/L
 RT: 13.184 min Scan# 3777
 Delta R.T. 0.000 min
 Lab File: VV039043.D
 Acq: 11 Sep 2025 13:05

Tgt Ion:180 Resp: 427590
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.0 114.0
 145 32.6 25.8 38.6





#71

Naphthalene

Concen: 57.564 ug/L

RT: 13.422 min Scan# 3851

Delta R.T. -0.003 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

Instrument :

MSVOA_V

ClientSampleId :

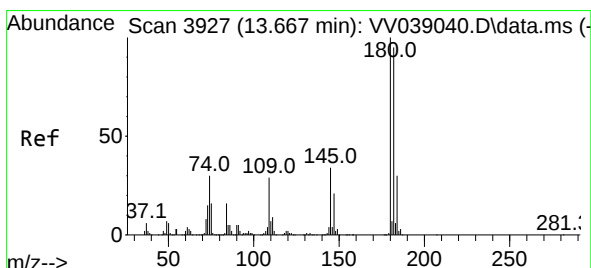
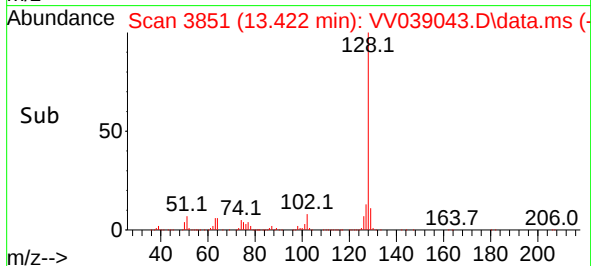
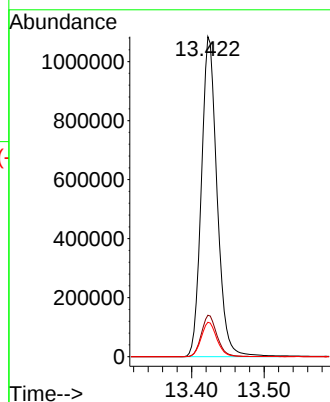
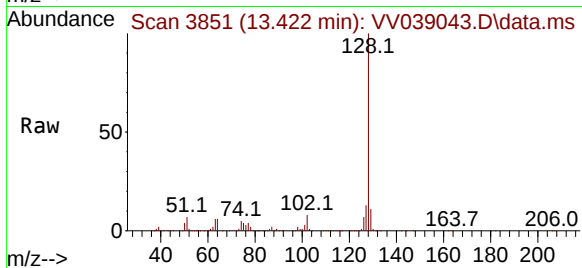
Tgt Ion:128 Resp: 1629431

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 53.257 ug/L

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039043.D

Acq: 11 Sep 2025 13:05

Tgt Ion:180 Resp: 468150

Ion Ratio Lower Upper

180 100

182 94.8 75.9 113.9

145 34.4 27.1 40.7

