

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039073.D
 Acq On : 15 Sep 2025 12:49
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

Quant Time: Sep 16 02:14:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 02:04:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	423470	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	418147	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	215562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	171700	5.141	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.800%		
7) Chloroethane-d5	1.542	69	148303	5.124	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 102.400%		
11) 1,1-Dichloroethene-d2	2.069	65	77474	4.869	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 97.400%		
20) 2-Butanone-d5	3.796	46	255827	51.572	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 103.140%		
24) Chloroform-d	4.249	84	335193	5.168	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.400%		
26) 1,2-Dichloroethane-d4	4.944	65	141240	5.171	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.400%		
32) Benzene-d6	4.957	84	623339	5.448	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.000%		
36) 1,2-Dichloropropane-d6	5.982	67	175003	5.117	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.400%		
41) Toluene-d8	7.236	98	576376	5.627	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.600%		
43) trans-1,3-Dichloroprop...	7.548	79	65290	5.219	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 104.400%		
46) 2-Hexanone-d5	8.014	63	212671	52.515	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 105.020%		
56) 1,1,2,2-Tetrachloroeth...	10.140	84	132212	5.415	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 108.200%		
66) 1,2-Dichlorobenzene-d4	11.548	152	174274	5.023	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 100.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	228506	5.146	ug/L	100
3) Chloromethane	1.227	50	215753	4.948	ug/L	99
5) Vinyl chloride	1.294	62	237482	5.121	ug/L	98
6) Bromomethane	1.500	94	129082	4.881	ug/L	97
8) Chloroethane	1.561	64	146811	5.081	ug/L	98
9) Trichlorofluoromethane	1.725	101	314680	5.038	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	198136	5.149	ug/L	98
12) 1,1-Dichloroethene	2.079	96	172906	4.973	ug/L	96
13) Acetone	2.127	43	229676	55.039	ug/L	99
14) Carbon disulfide	2.249	76	578924	4.867	ug/L	99
15) Methyl Acetate	2.388	43	52275	4.989	ug/L	97
16) Methylene chloride	2.455	84	197483	5.046	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	306200	5.122	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	179776	5.080	ug/L	97
19) 1,1-Dichloroethane	3.117	63	333115	5.132	ug/L	98
21) 2-Butanone	3.873	43	264329	47.753	ug/L	89
22) cis-1,2-Dichloroethene	3.818	96	179013	5.182	ug/L	99
23) Bromochloromethane	4.153	128	81152	5.136	ug/L	91
25) Chloroform	4.275	83	345132	5.131	ug/L	98

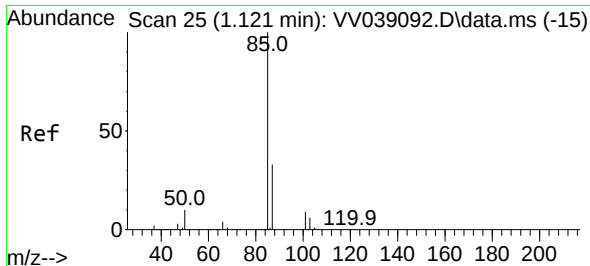
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 02:04:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	178575	5.175	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	306692	5.326	ug/L	98
30) Cyclohexane	4.580	56	270967	5.307	ug/L	99
31) Carbon tetrachloride	4.731	117	272259	5.217	ug/L	98
33) Benzene	5.008	78	726431	5.519	ug/L	100
34) Trichloroethene	5.828	95	185983	5.242	ug/L	98
35) Methylcyclohexane	6.043	83	288608	5.199	ug/L	99
37) 1,2-Dichloropropane	6.088	63	181679	5.322	ug/L	100
38) Bromodichloromethane	6.426	83	231719	5.222	ug/L	96
39) cis-1,3-Dichloropropene	6.947	75	234613	5.181	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	731344	54.075	ug/L	98
42) Toluene	7.307	91	759847	5.539	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	196614	5.343	ug/L	97
45) 1,1,2-Trichloroethane	7.760	97	123497	5.268	ug/L	95
47) Tetrachloroethene	7.895	164	146746	5.291	ug/L	99
48) 2-Hexanone	8.063	43	521237	55.439	ug/L	99
49) Dibromochloromethane	8.165	129	143787	5.240	ug/L	97
50) 1,2-Dibromoethane	8.275	107	110326	5.245	ug/L	99
51) Chlorobenzene	8.802	112	468013	5.286	ug/L	99
52) Ethylbenzene	8.937	91	764779	5.412	ug/L	99
53) m,p-Xylene	9.062	106	297451	5.411	ug/L	96
54) o-Xylene	9.468	106	276859	5.490	ug/L	97
55) Styrene	9.487	104	507429	5.695	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	138427	5.298	ug/L	97
59) Bromoform	9.654	173	75799	4.957	ug/L	99
60) Isopropylbenzene	9.857	105	752000	5.215	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	88428	4.870	ug/L	96
62) 1,3,5-Trimethylbenzene	10.464	105	563152	5.088	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	557577	5.128	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	359654	5.112	ug/L	97
65) 1,4-Dichlorobenzene	11.197	146	363365	4.992	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	317385	5.091	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	19471	4.922	ug/L	93
69) 1,3,5-Trichlorobenzene	12.570	180	214845	4.660	ug/L	98
70) 1,2,4-trichlorobenzene	13.185	180	152781	4.401	ug/L	96
71) Naphthalene	13.426	128	231512	4.377	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	150773	4.871	ug/L	98

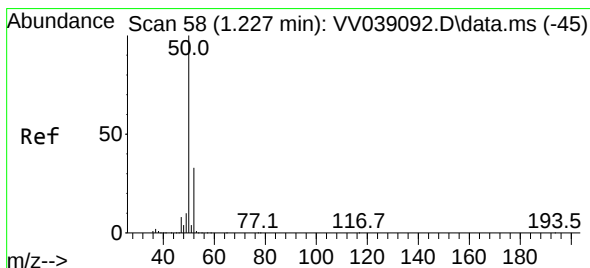
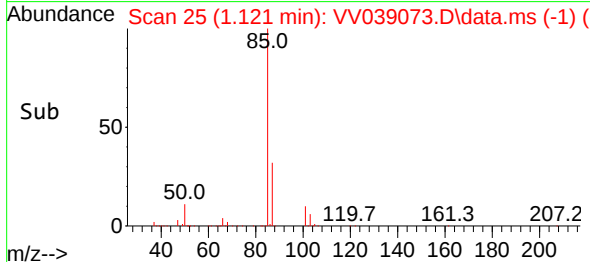
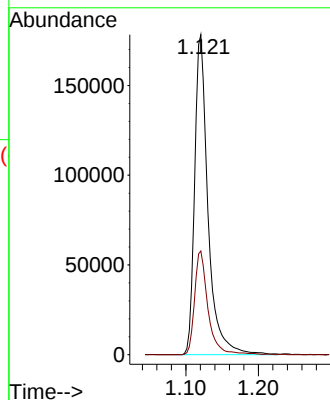
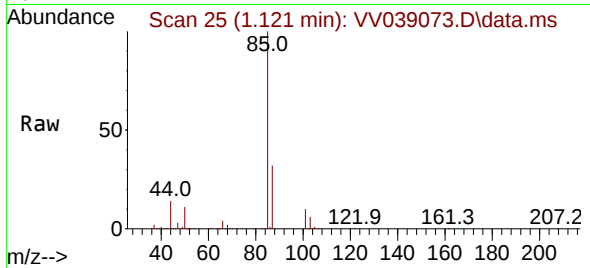
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#2
 Dichlorodifluoromethane
 Concen: 5.146 ug/L
 RT: 1.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039073.D
 Acq: 15 Sep 2025 12:49

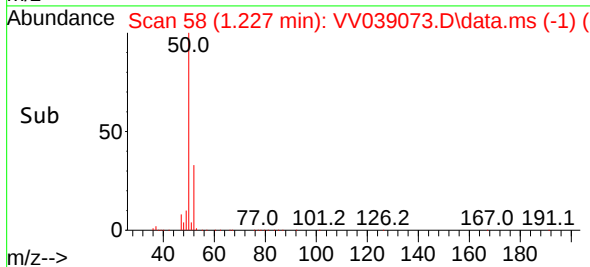
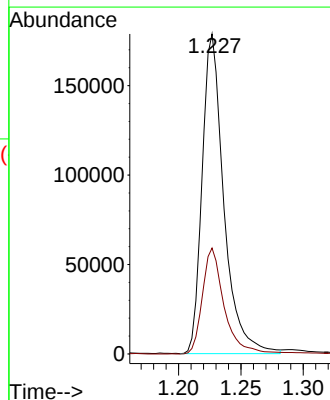
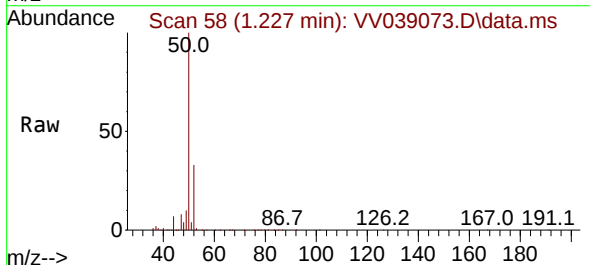
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

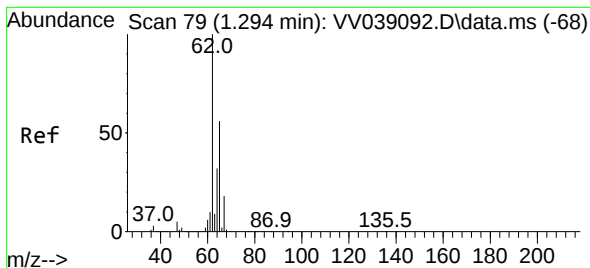
Tgt Ion: 85 Resp: 228506
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 4.948 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VV039073.D
 Acq: 15 Sep 2025 12:49

Tgt Ion: 50 Resp: 215753
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.4 43.6

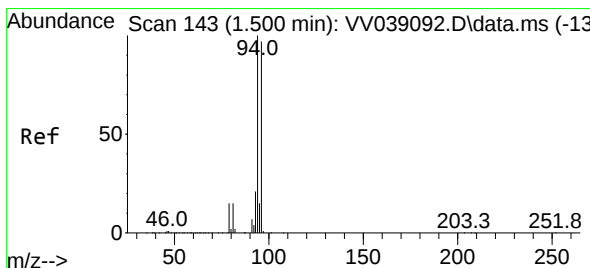
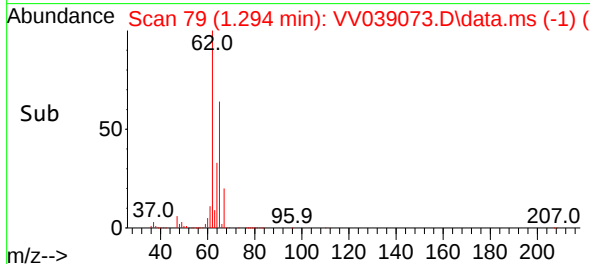
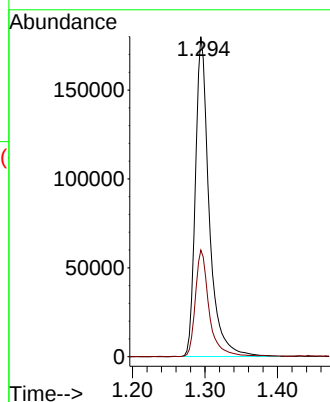
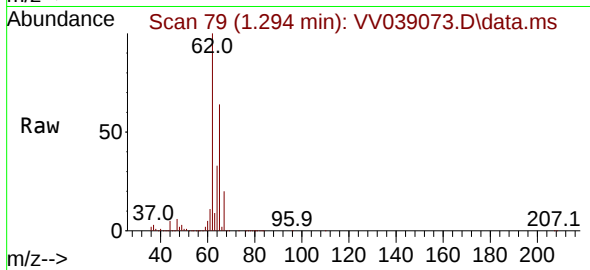




#5
 Vinyl chloride
 Concen: 5.121 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VV039073.D
 Acq: 15 Sep 2025 12:49

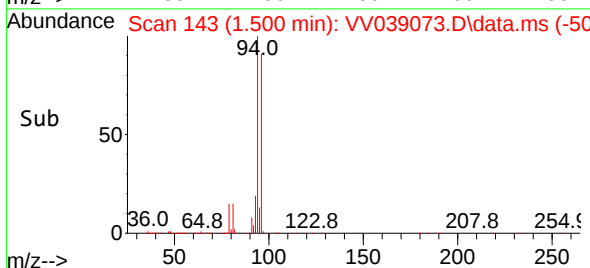
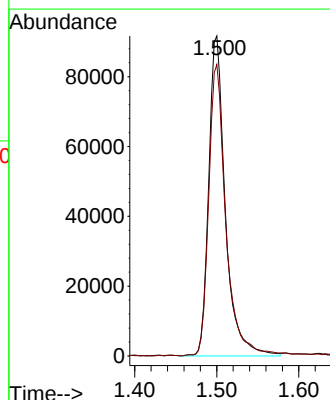
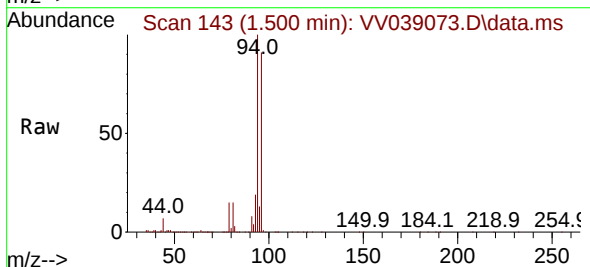
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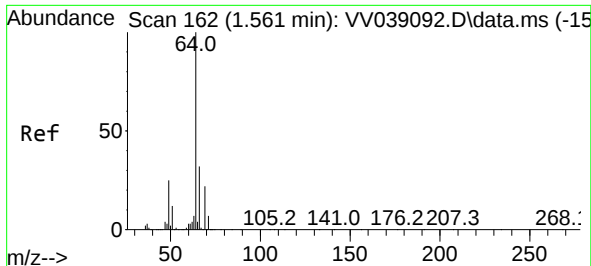
Tgt Ion: 62 Resp: 237482
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.4 41.6



#6
 Bromomethane
 Concen: 4.881 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VV039073.D
 Acq: 15 Sep 2025 12:49

Tgt Ion: 94 Resp: 129082
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.9 122.5

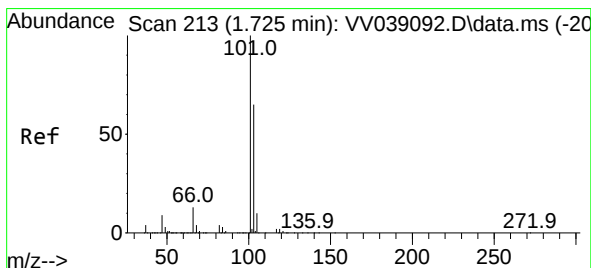
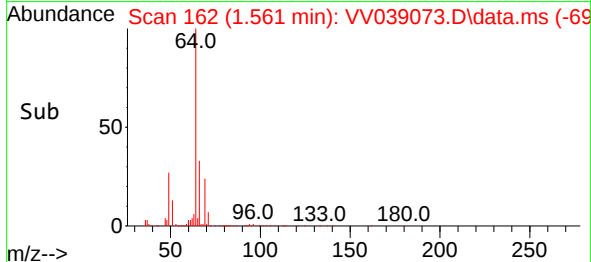
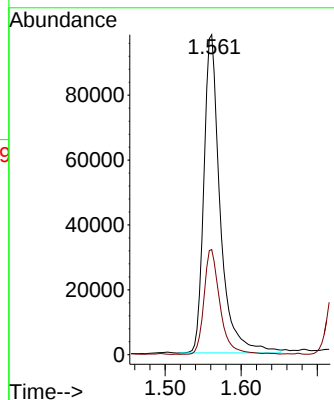
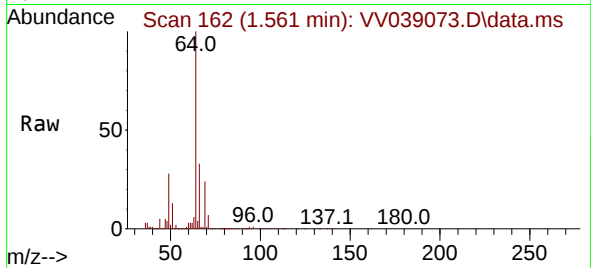




#8
Chloroethane
Concen: 5.081 ug/L
RT: 1.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

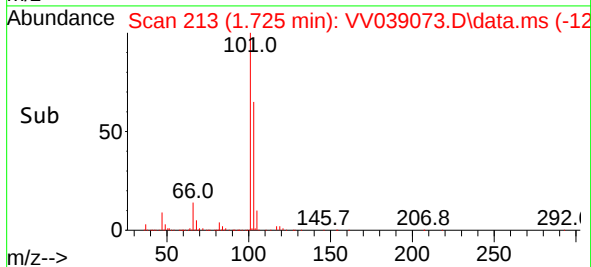
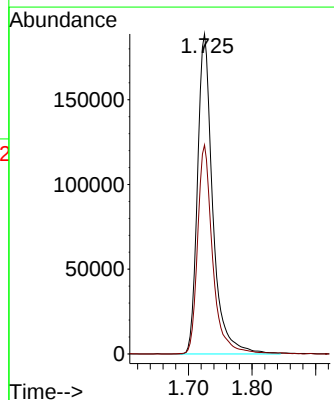
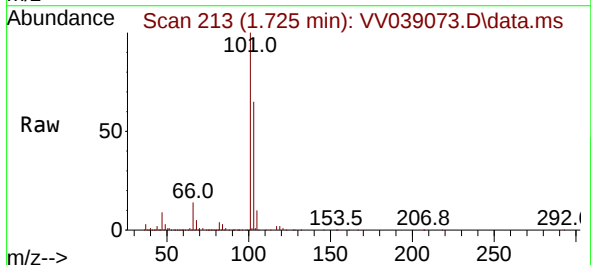
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ClientSampleId :
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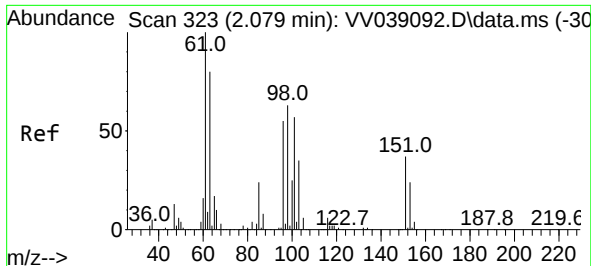
Tgt Ion: 64 Resp: 146811
Ion Ratio Lower Upper
64 100
66 32.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.038 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

Tgt Ion:101 Resp: 314680
Ion Ratio Lower Upper
101 100
103 64.4 50.7 76.1

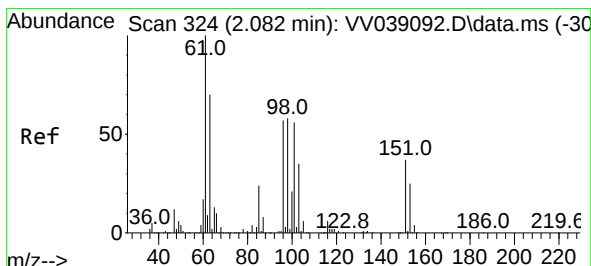
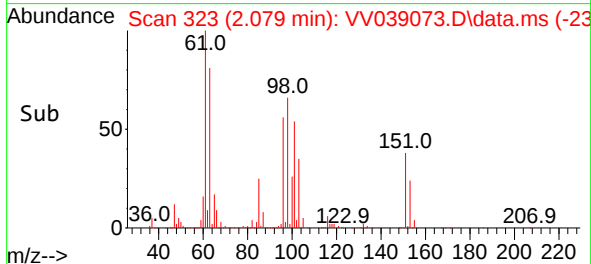
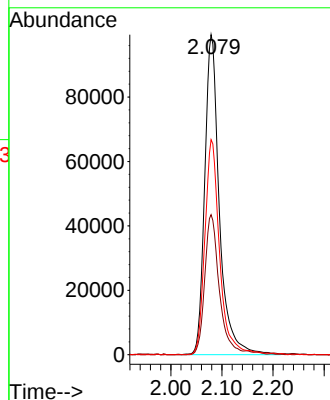
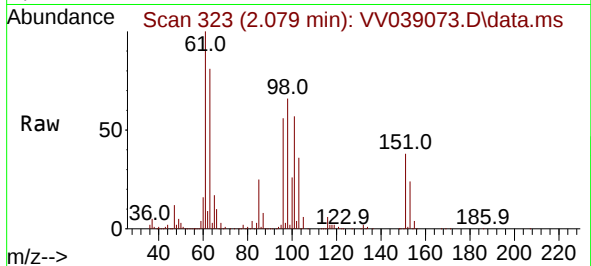




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.149 ug/L
 RT: 2.079 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV039073.D
 Acq: 15 Sep 2025 12:49

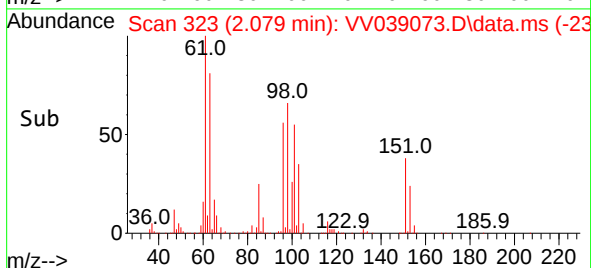
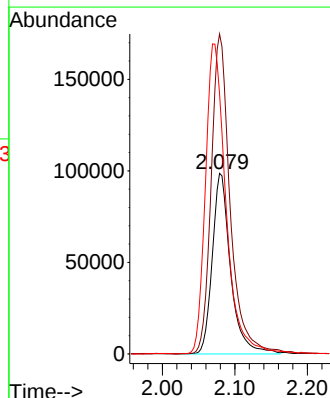
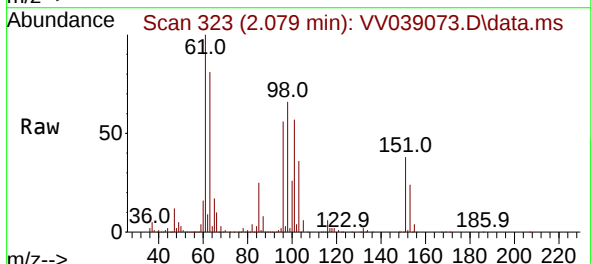
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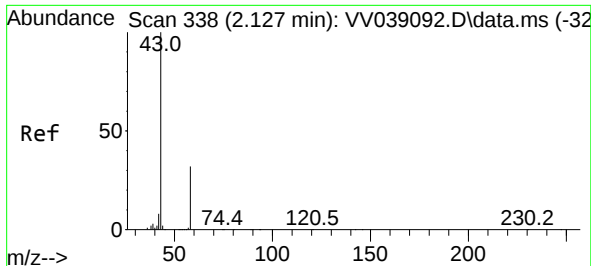
Tgt Ion:101 Resp: 198136
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.4 53.0
 151 67.6 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 4.973 ug/L
 RT: 2.079 min Scan# 323
 Delta R.T. -0.003 min
 Lab File: VV039073.D
 Acq: 15 Sep 2025 12:49

Tgt Ion: 96 Resp: 172906
 Ion Ratio Lower Upper
 96 100
 61 177.2 124.7 231.7
 63 144.1 93.5 173.7





#13

Acetone

Concen: 55.039 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

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MSVOA_V

ClientSampleId :

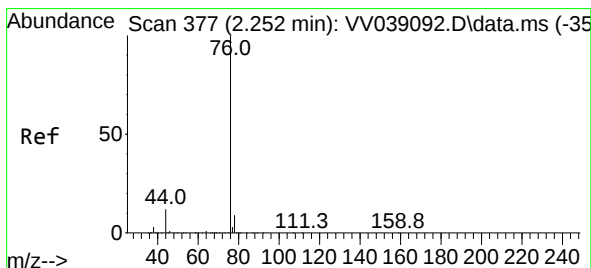
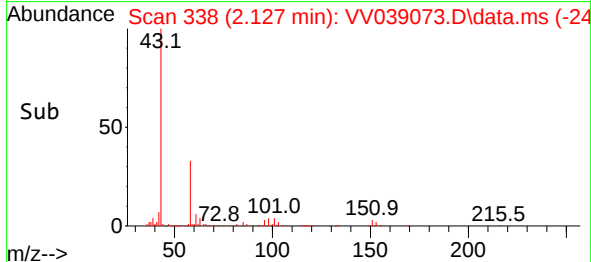
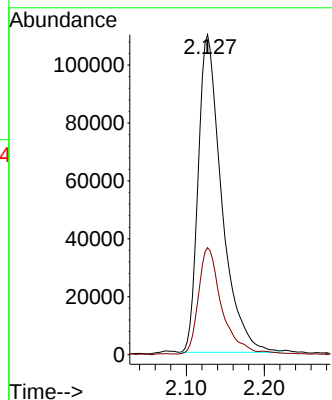
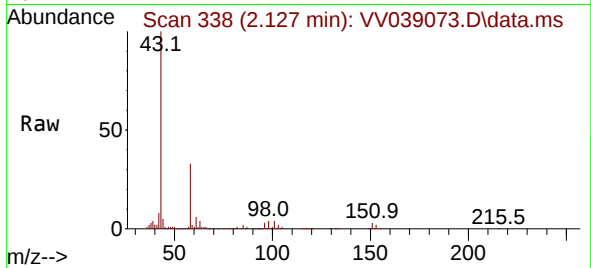
VICV259

Tgt Ion: 43 Resp: 229676

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.0



#14

Carbon disulfide

Concen: 4.867 ug/L

RT: 2.249 min Scan# 376

Delta R.T. -0.003 min

Lab File: VV039073.D

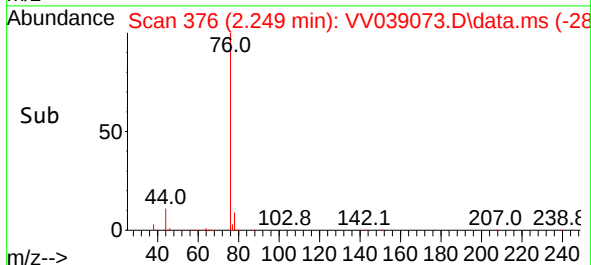
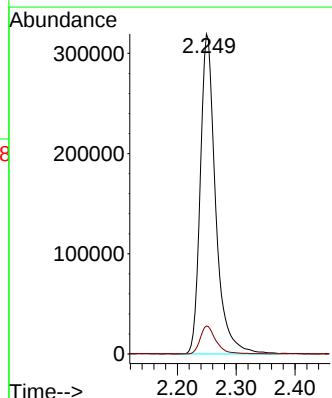
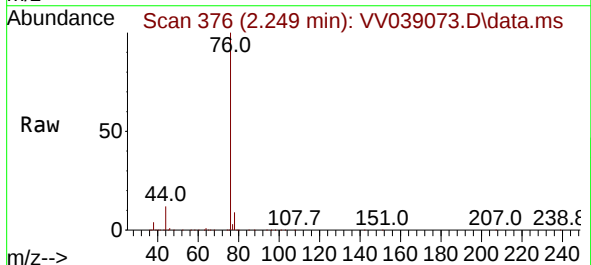
Acq: 15 Sep 2025 12:49

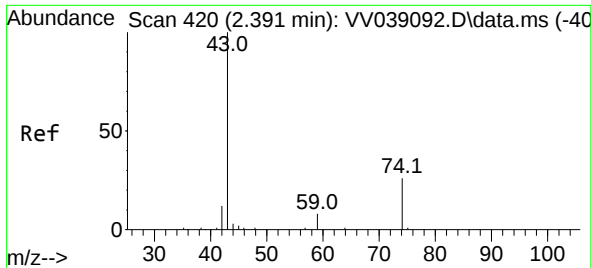
Tgt Ion: 76 Resp: 578924

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

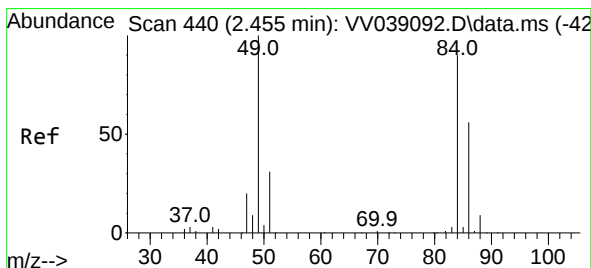
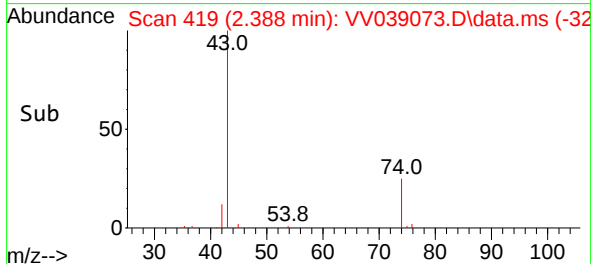
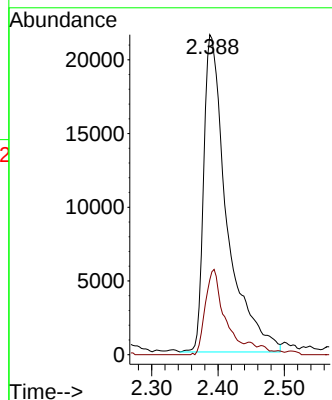
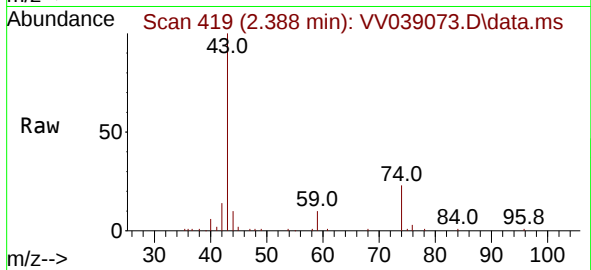




#15
Methyl Acetate
Concen: 4.989 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.006 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

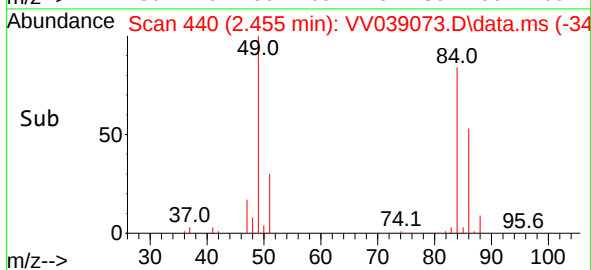
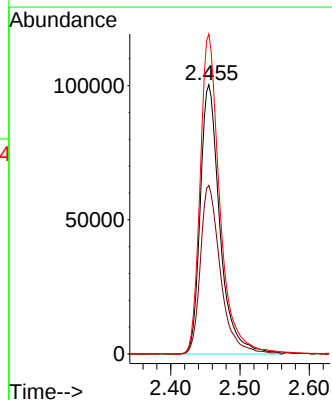
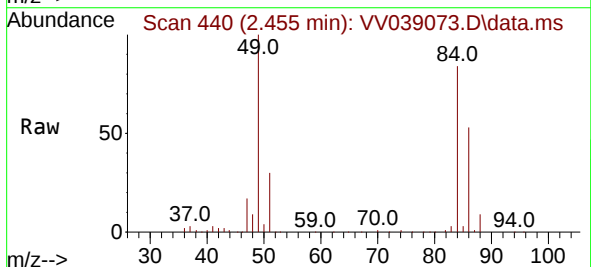
Instrument :
MSVOA_V
ClientSampleId :
VICV259

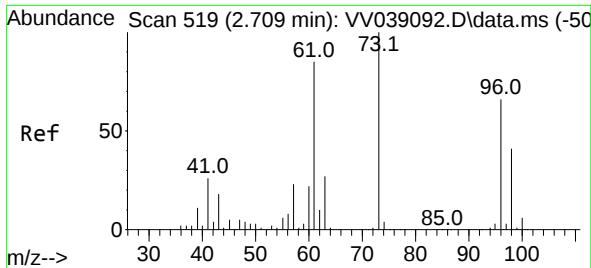
Tgt Ion: 43 Resp: 52275
Ion Ratio Lower Upper
43 100
74 21.9 18.8 28.2



#16
Methylene chloride
Concen: 5.046 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.003 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

Tgt Ion: 84 Resp: 197483
Ion Ratio Lower Upper
84 100
86 62.6 44.2 82.2
49 118.8 80.6 149.6





#17

Methyl tert-butyl Ether

Concen: 5.122 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.003 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

Instrument :

MSVOA_V

ClientSampleId :

VICV259

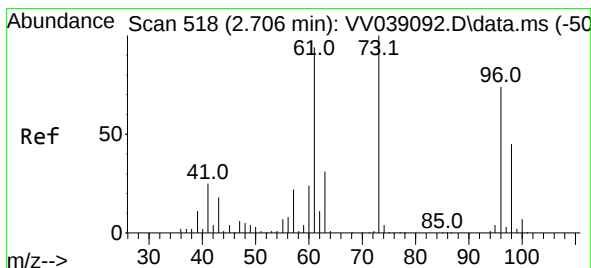
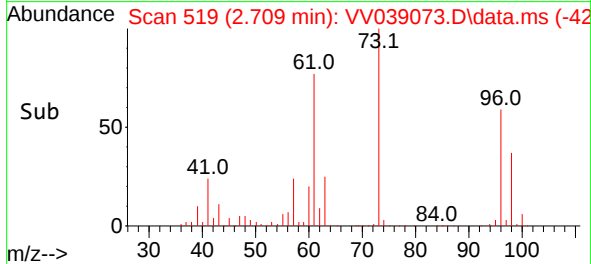
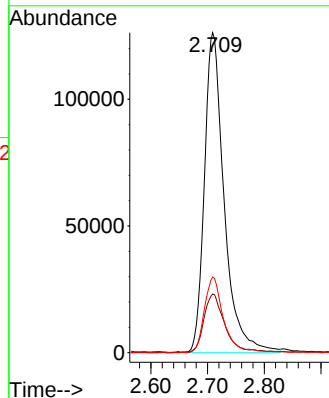
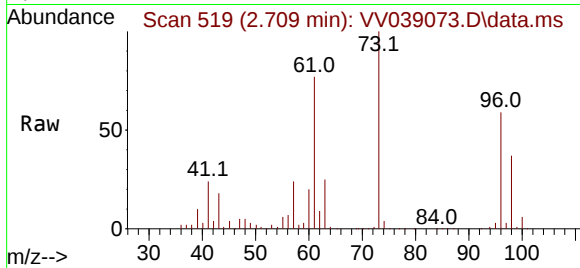
Tgt Ion: 73 Resp: 306200

Ion Ratio Lower Upper

73 100

43 18.4 14.7 22.1

57 22.1 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 5.080 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

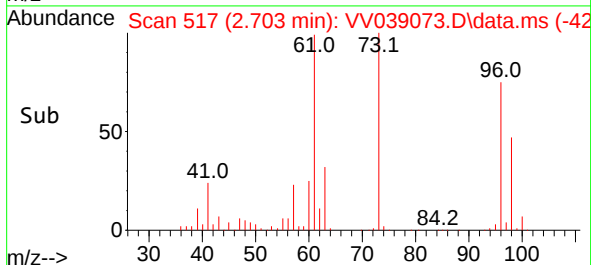
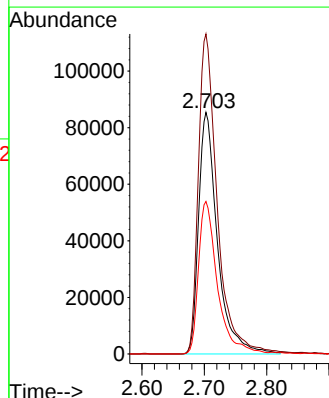
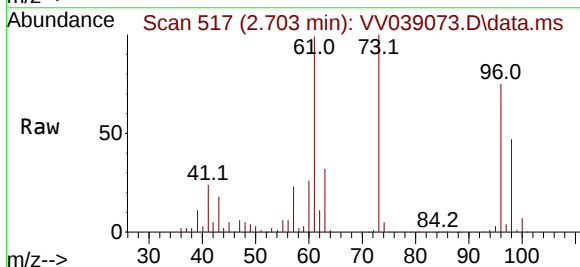
Tgt Ion: 96 Resp: 179776

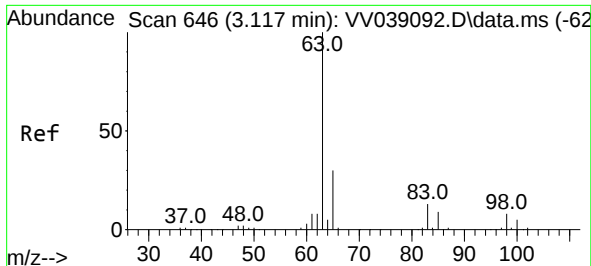
Ion Ratio Lower Upper

96 100

61 132.5 89.7 166.5

98 63.2 44.9 83.3

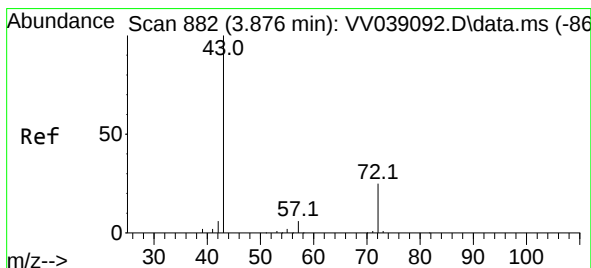
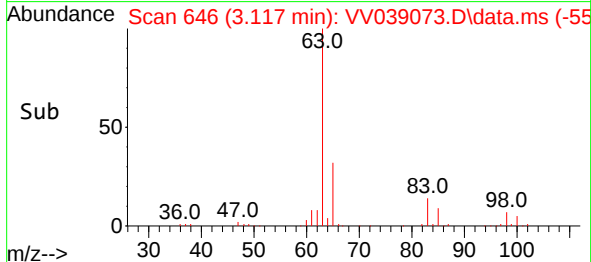
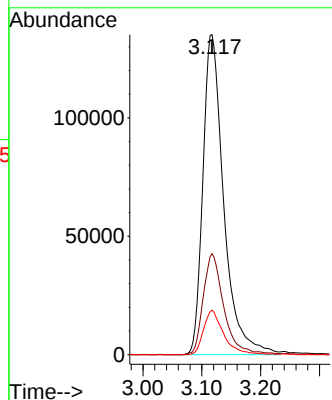
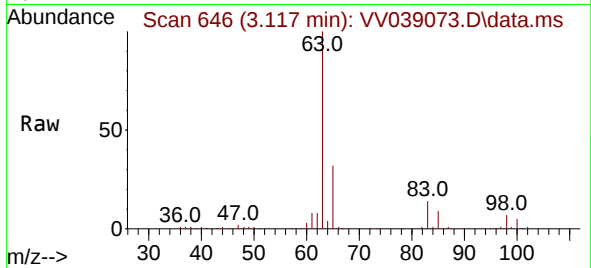




#19
1,1-Dichloroethane
Concen: 5.132 ug/L
RT: 3.117 min Scan# 646
Delta R.T. -0.003 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

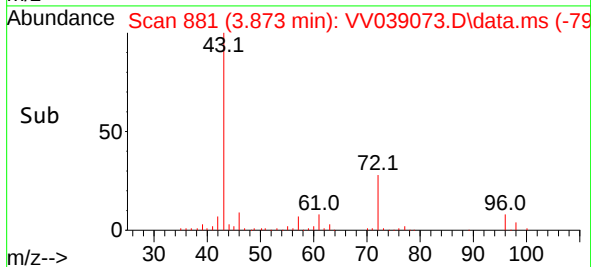
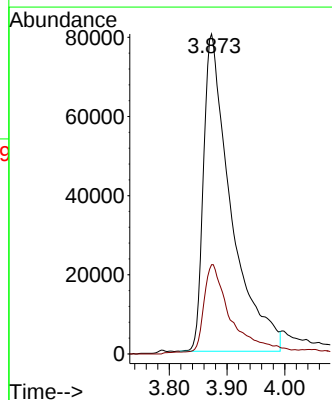
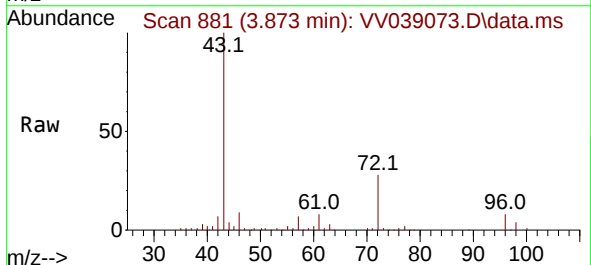
Instrument :
MSVOA_V
ClientSampleId :
VICV259

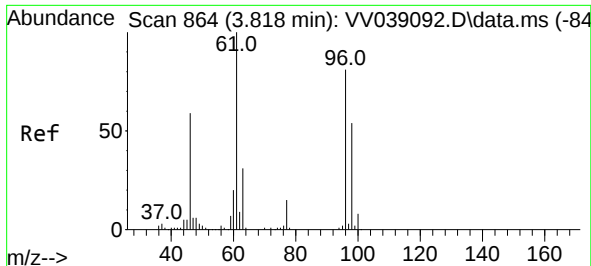
Tgt Ion: 63 Resp: 333115
Ion Ratio Lower Upper
63 100
65 31.6 21.5 39.9
83 13.9 9.2 17.2



#21
2-Butanone
Concen: 47.753 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.016 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

Tgt Ion: 43 Resp: 264329
Ion Ratio Lower Upper
43 100
72 29.2 12.0 36.0

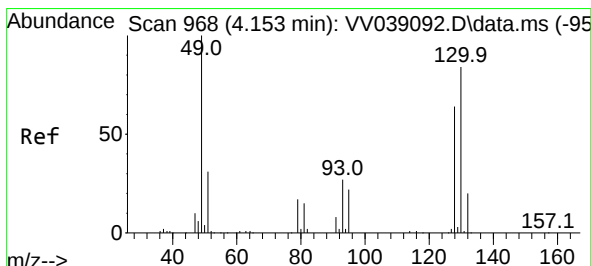
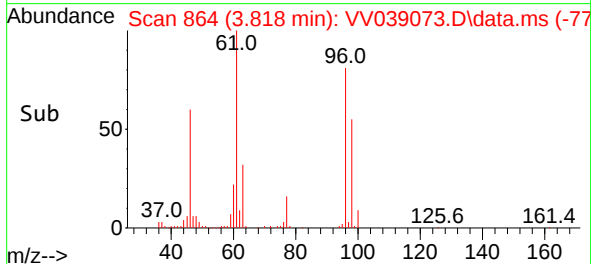
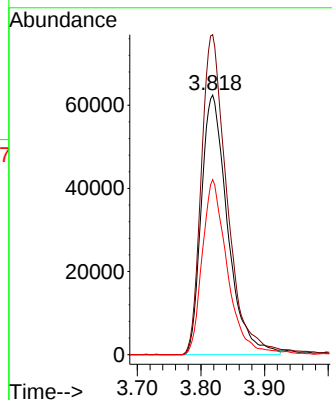
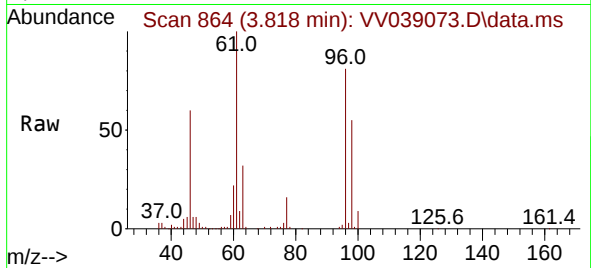




#22
 cis-1,2-Dichloroethene
 Concen: 5.182 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV039073.D
 Acq: 15 Sep 2025 12:49

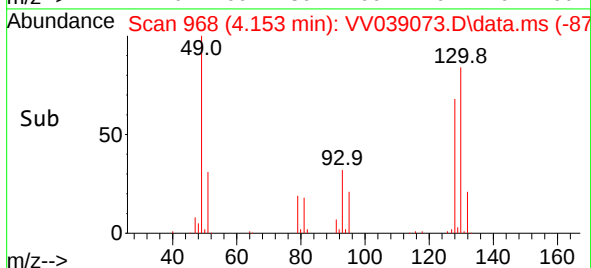
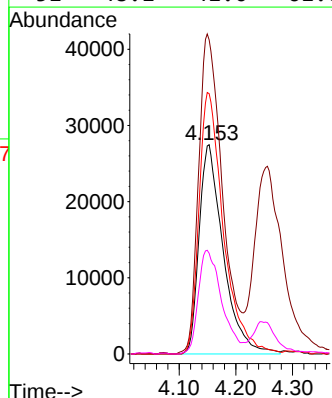
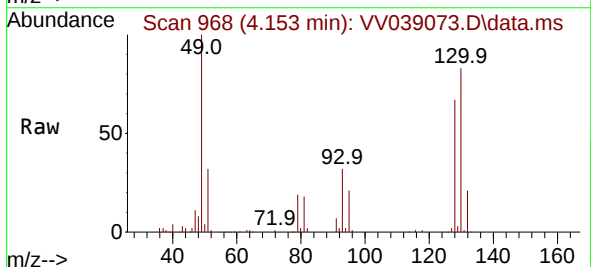
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

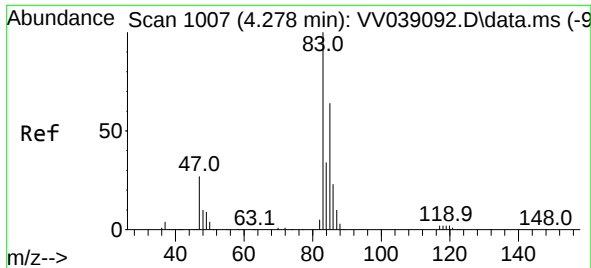
Tgt Ion: 96 Resp: 179013
 Ion Ratio Lower Upper
 96 100
 61 123.2 85.4 158.6
 98 67.4 46.6 86.6



#23
 Bromochloromethane
 Concen: 5.136 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.003 min
 Lab File: VV039073.D
 Acq: 15 Sep 2025 12:49

Tgt Ion: 128 Resp: 81152
 Ion Ratio Lower Upper
 128 100
 49 150.1 115.3 214.1
 130 124.4 93.2 173.0
 51 48.1 41.0 61.6

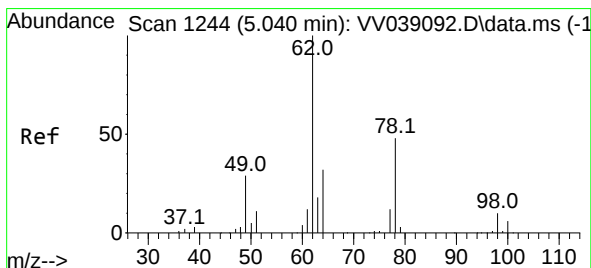
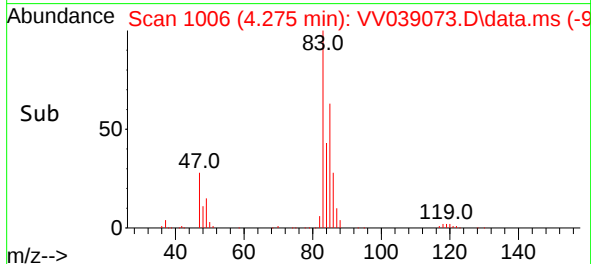
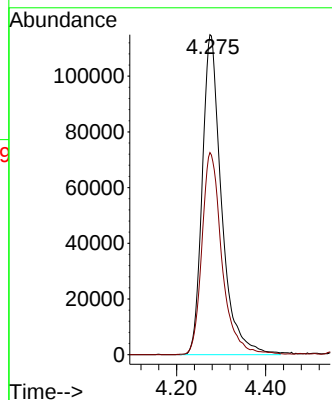
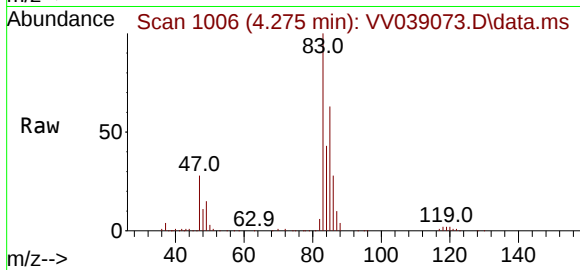




#25
Chloroform
Concen: 5.131 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.003 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

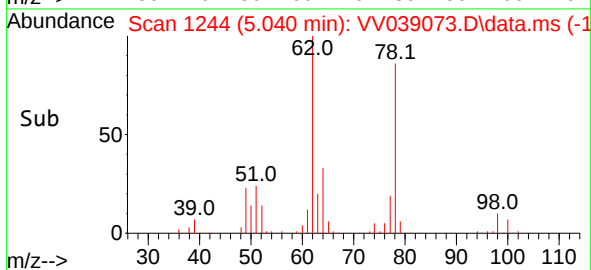
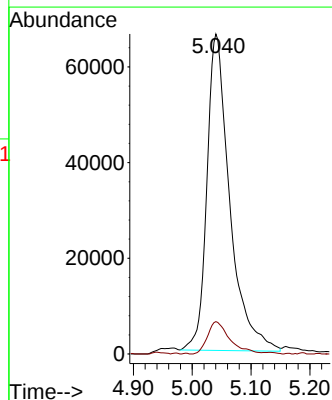
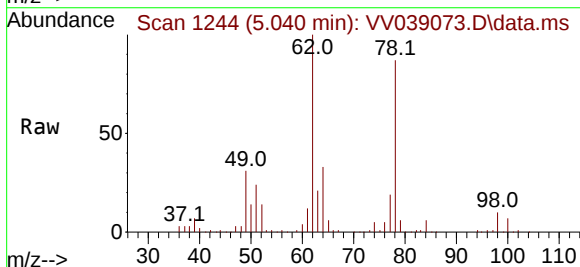
Instrument :
MSVOA_V
ClientSampleId :
VICV259

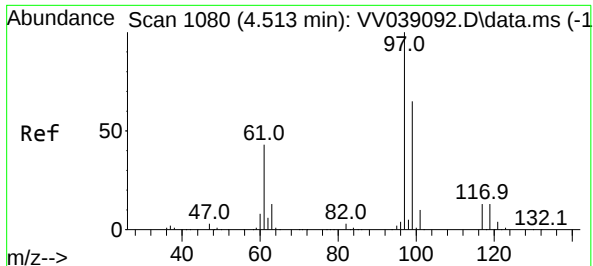
Tgt Ion: 83 Resp: 345132
Ion Ratio Lower Upper
83 100
85 63.2 45.3 84.1



#27
1,2-Dichloroethane
Concen: 5.175 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.003 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

Tgt Ion: 62 Resp: 178575
Ion Ratio Lower Upper
62 100
98 10.1 8.6 12.8





#29

1,1,1-Trichloroethane

Concen: 5.326 ug/L

RT: 4.510 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

Instrument :

MSVOA_V

ClientSampleId :

VICV259

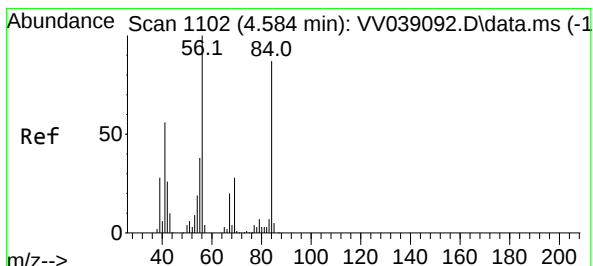
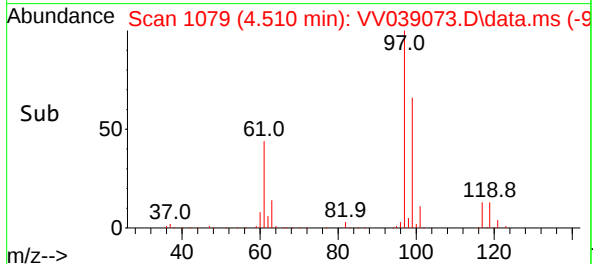
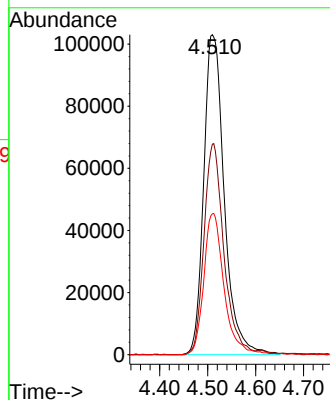
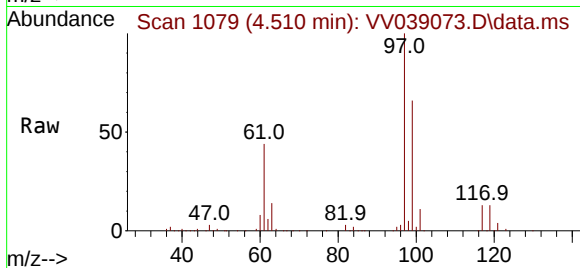
Tgt Ion: 97 Resp: 306692

Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

61 43.6 32.9 49.3



#30

Cyclohexane

Concen: 5.307 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

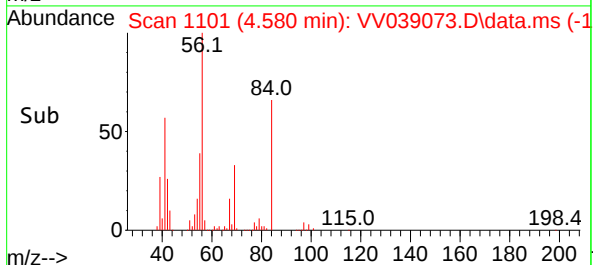
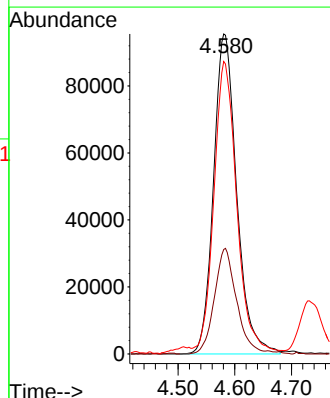
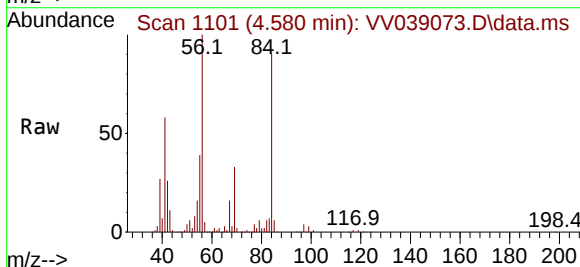
Tgt Ion: 56 Resp: 270967

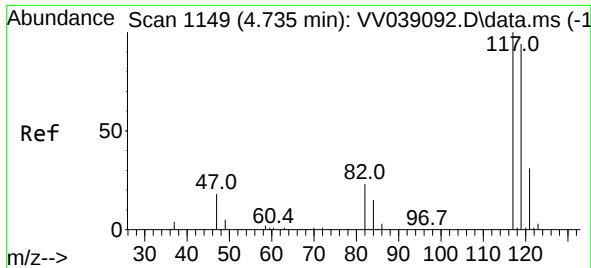
Ion Ratio Lower Upper

56 100

69 31.4 25.0 37.6

84 90.3 71.3 106.9

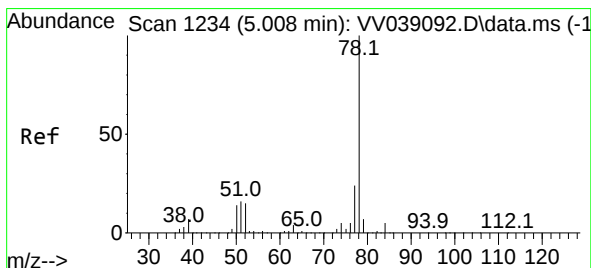
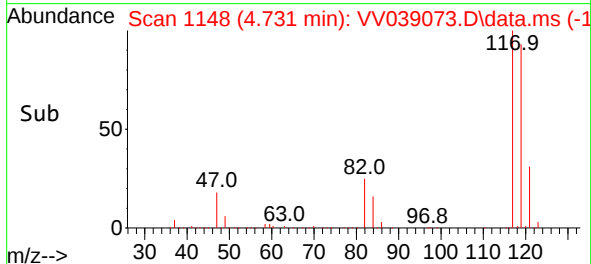
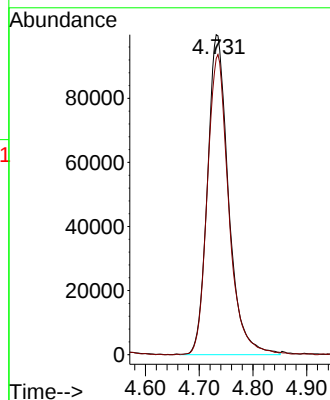
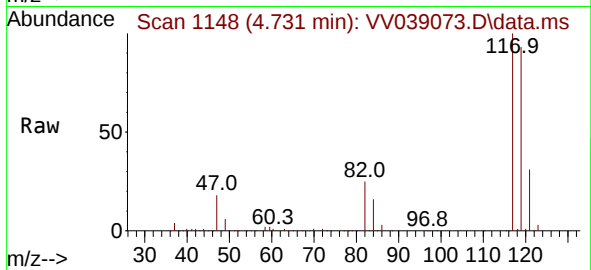




#31
Carbon tetrachloride
Concen: 5.217 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

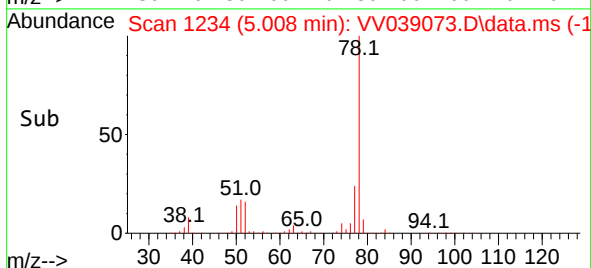
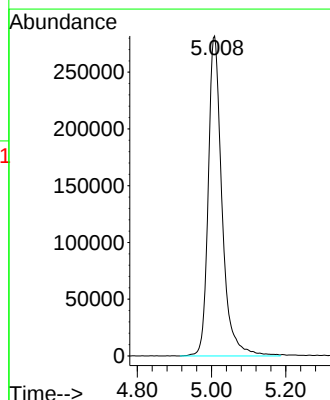
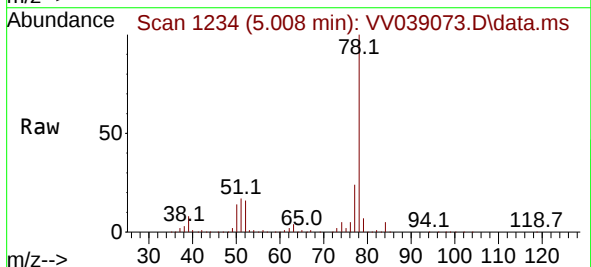
Instrument :
MSVOA_V
ClientSampleId :
VICV259

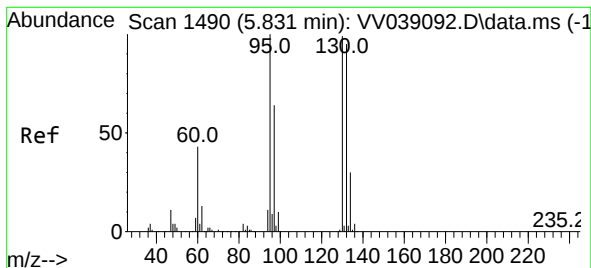
Tgt Ion:117 Resp: 272259
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.2



#33
Benzene
Concen: 5.519 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

Tgt Ion: 78 Resp: 726431





#34

Trichloroethene

Concen: 5.242 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

Instrument :

MSVOA_V

ClientSampleId :

VICV259

Tgt Ion: 95 Resp: 185983

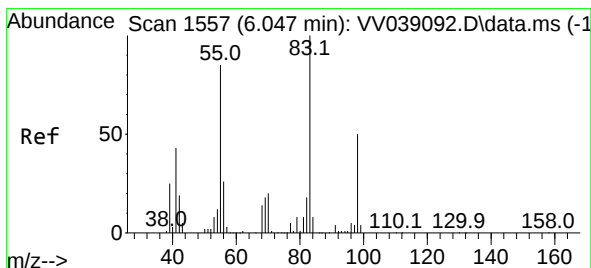
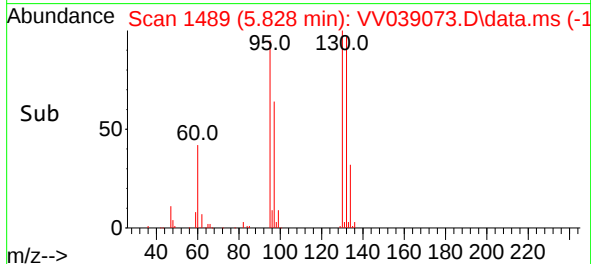
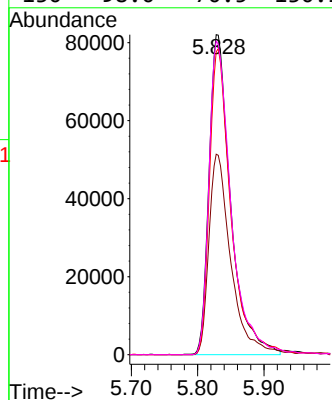
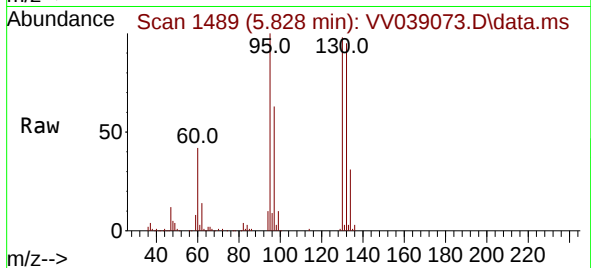
Ion Ratio Lower Upper

95 100

97 62.6 43.3 80.5

132 94.6 65.5 121.7

130 98.0 70.5 130.9



#35

Methylcyclohexane

Concen: 5.199 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

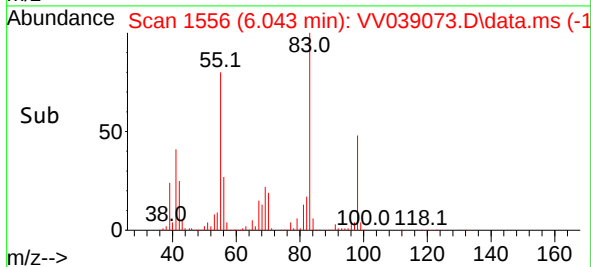
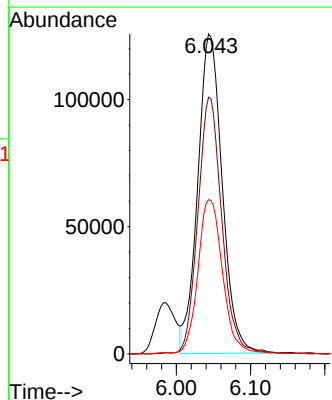
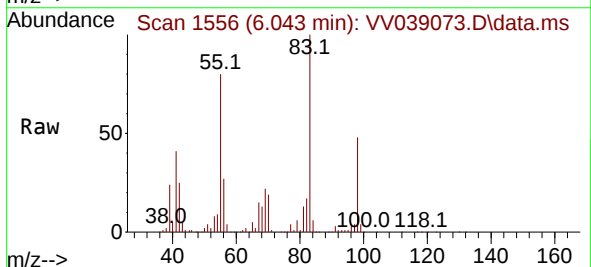
Tgt Ion: 83 Resp: 288608

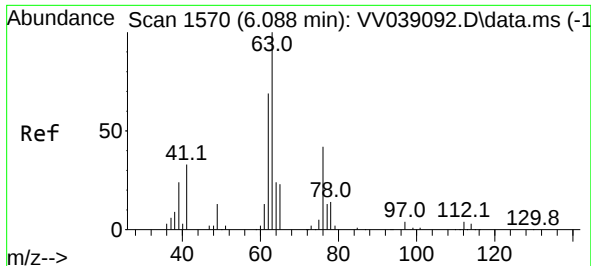
Ion Ratio Lower Upper

83 100

55 78.6 61.4 92.2

98 48.1 38.2 57.4





#37

1,2-Dichloropropane

Concen: 5.322 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

Instrument :

MSVOA_V

ClientSampleId :

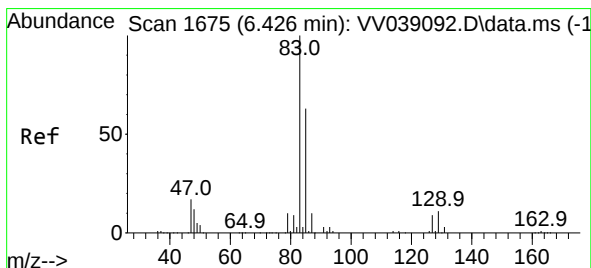
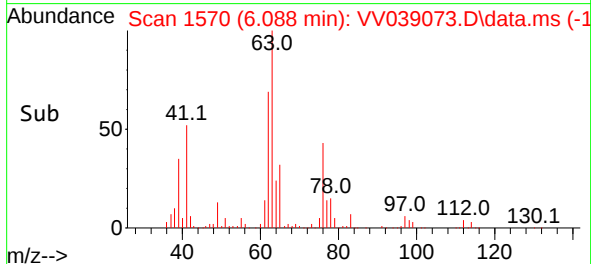
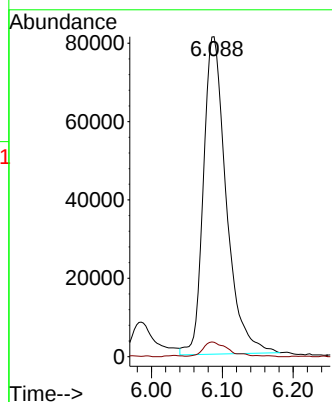
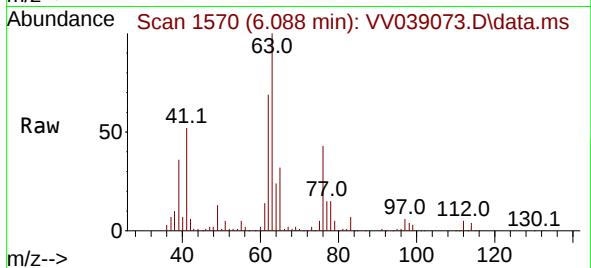
VICV259

Tgt Ion: 63 Resp: 181679

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 5.222 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

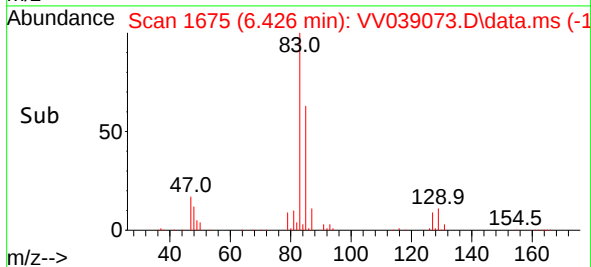
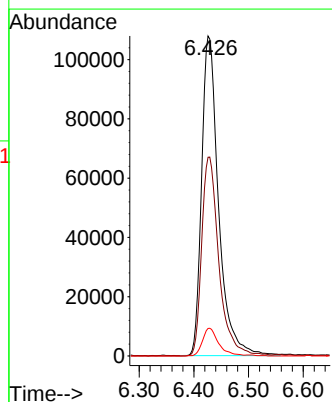
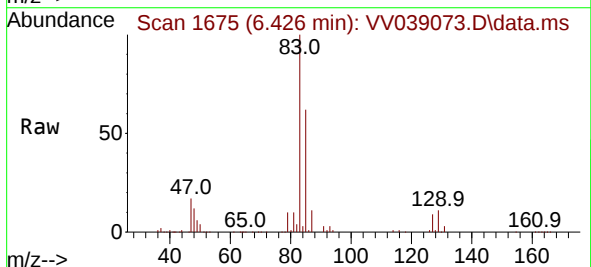
Tgt Ion: 83 Resp: 231719

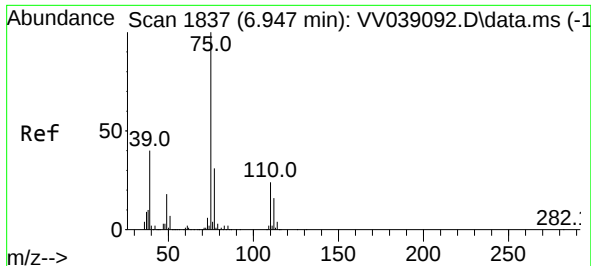
Ion Ratio Lower Upper

83 100

85 62.1 45.8 85.2

127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.181 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

Instrument :

MSVOA_V

ClientSampleId :

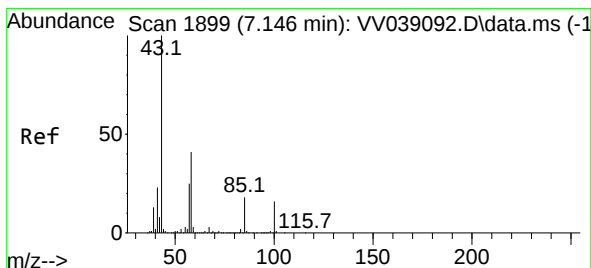
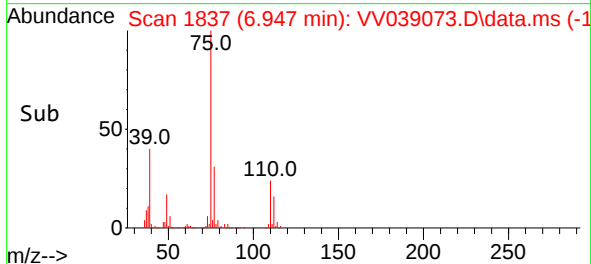
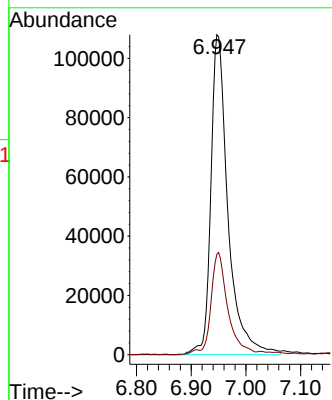
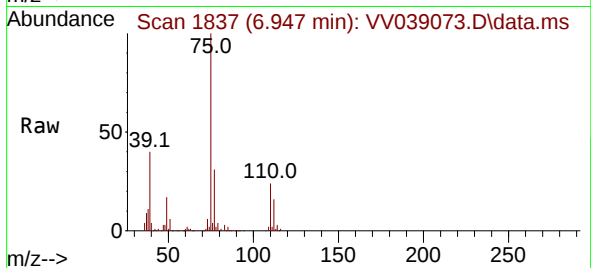
VICV259

Tgt Ion: 75 Resp: 234613

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 54.075 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. -0.003 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

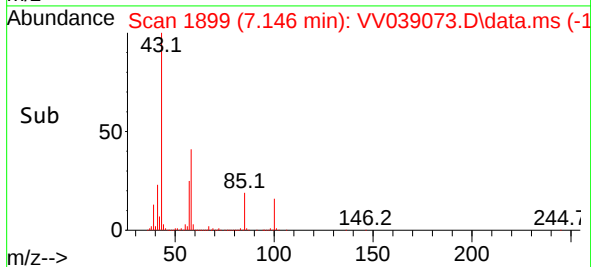
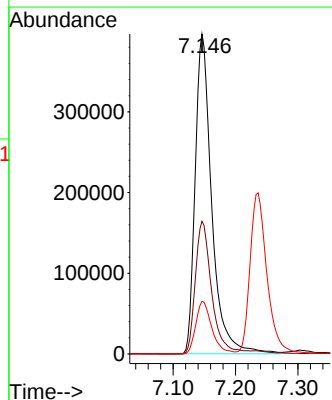
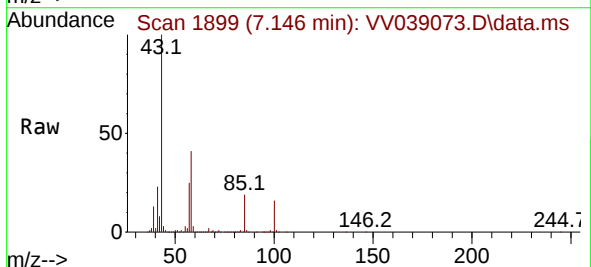
Tgt Ion: 43 Resp: 731344

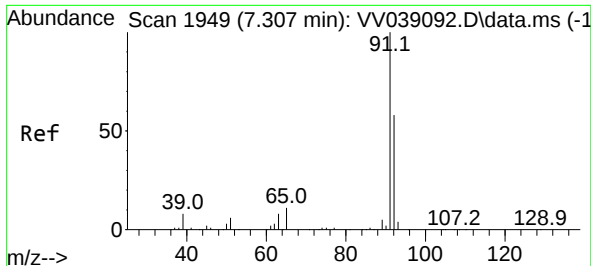
Ion Ratio Lower Upper

43 100

58 41.1 31.7 47.5

100 16.1 13.0 19.4





#42

Toluene

Concen: 5.539 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

Instrument :

MSVOA_V

ClientSampleId :

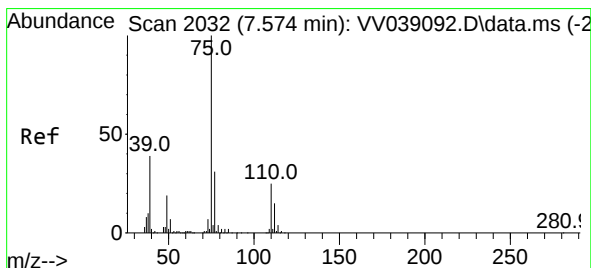
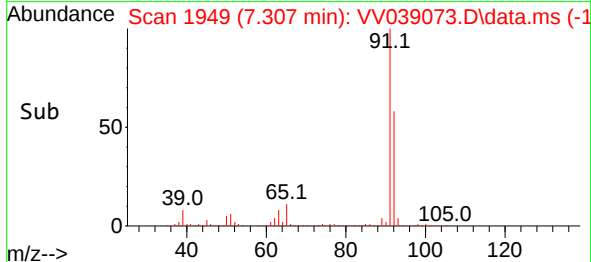
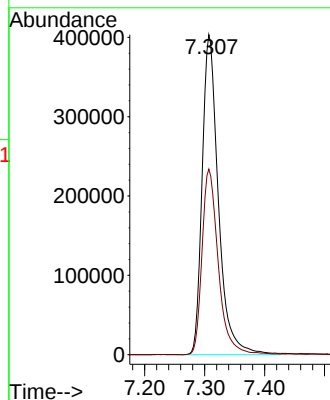
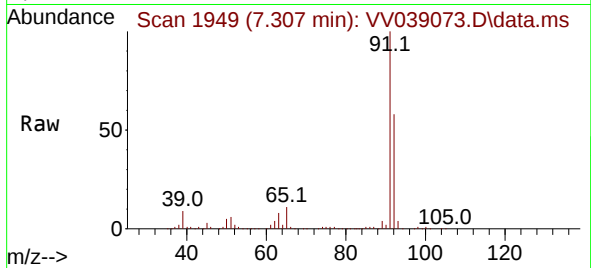
VICV259

Tgt Ion: 91 Resp: 759847

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.343 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV039073.D

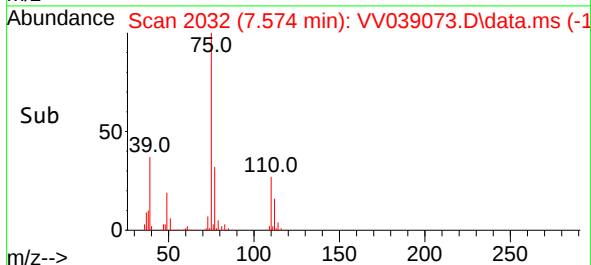
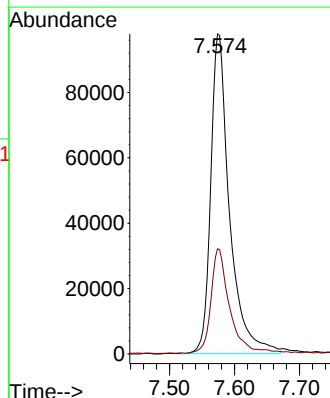
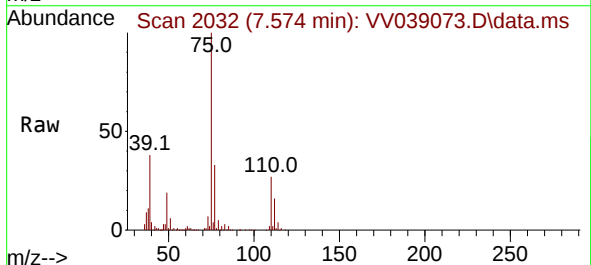
Acq: 15 Sep 2025 12:49

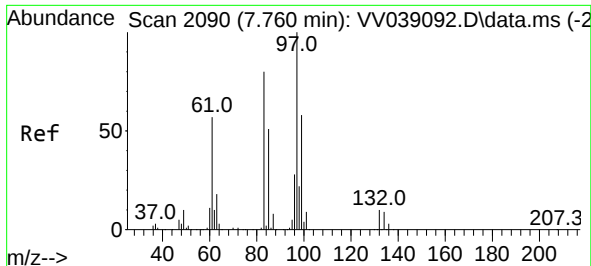
Tgt Ion: 75 Resp: 196614

Ion Ratio Lower Upper

75 100

77 32.9 21.9 40.7

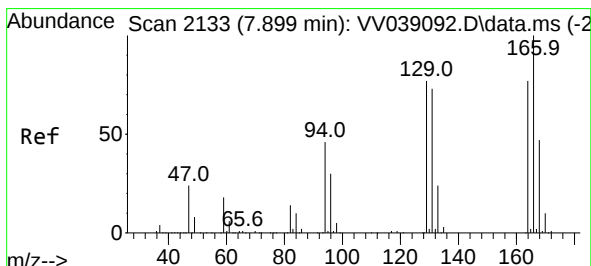
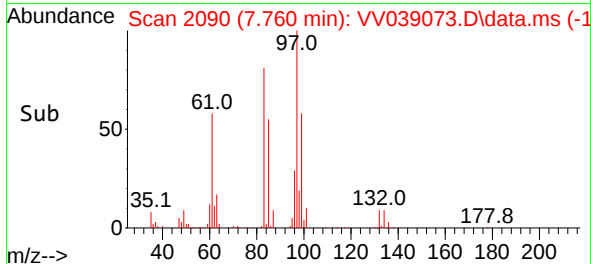
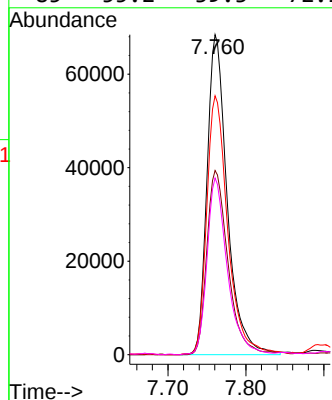
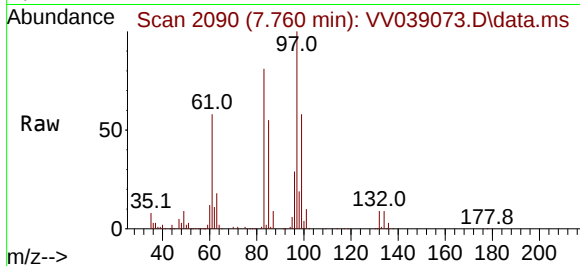




#45
1,1,2-Trichloroethane
Concen: 5.268 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. -0.003 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

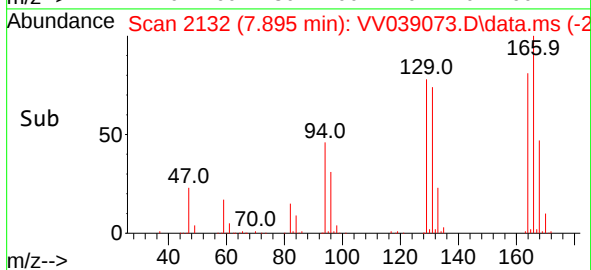
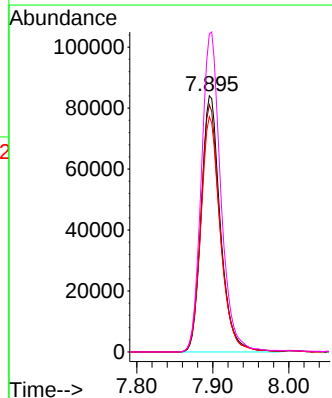
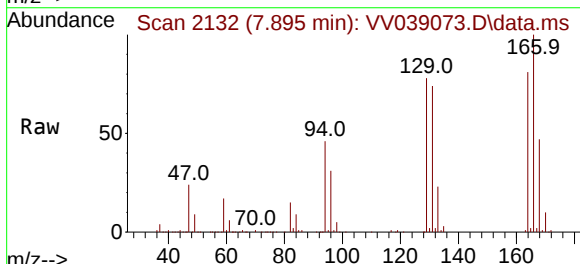
Instrument : MSVOA_V
ClientSampleId : VICV259

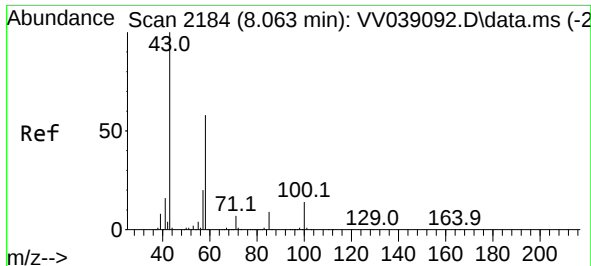
Tgt Ion:	97	Resp:	123497
Ion	Ratio	Lower	Upper
97	100		
99	57.5	43.3	80.3
83	80.9	61.7	114.7
85	55.2	39.3	72.9



#47
Tetrachloroethene
Concen: 5.291 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

Tgt Ion:	164	Resp:	146746
Ion	Ratio	Lower	Upper
164	100		
129	96.5	68.0	126.4
131	91.9	65.4	121.4
166	124.2	86.7	161.1



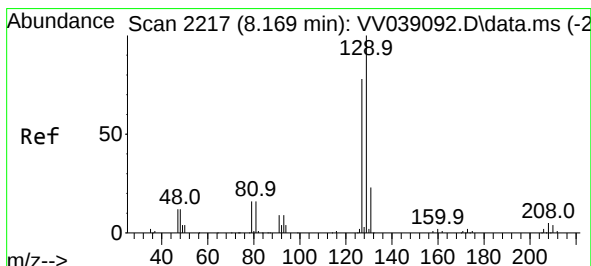
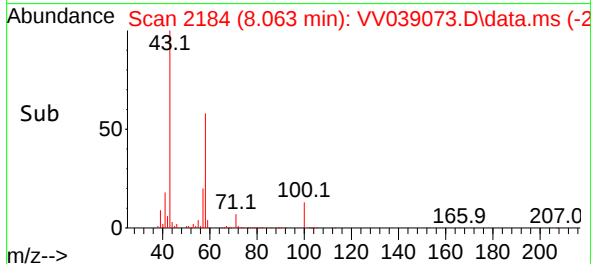
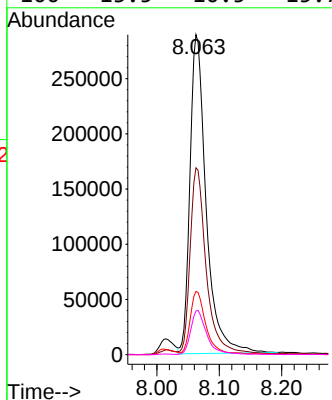
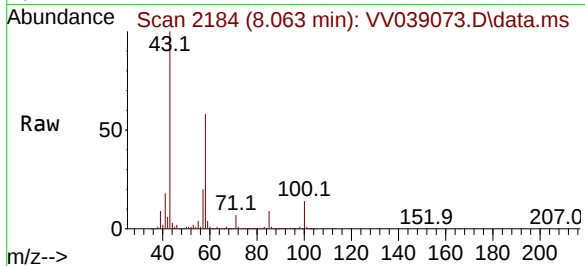


#48
2-Hexanone
Concen: 55.439 ug/L
RT: 8.063 min Scan# 2184
Delta R.T. -0.003 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

Instrument : MSVOA_V
ClientSampleId : VICV259

Tgt Ion: 43 Resp: 521237

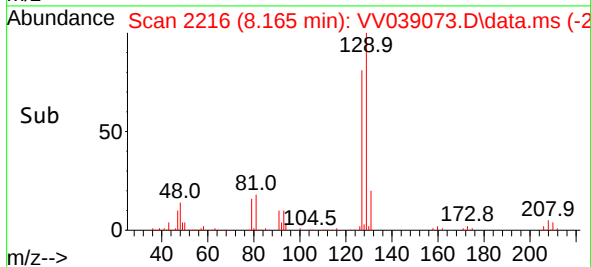
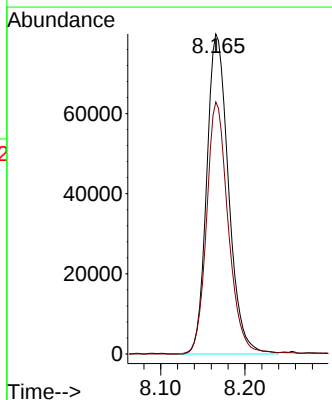
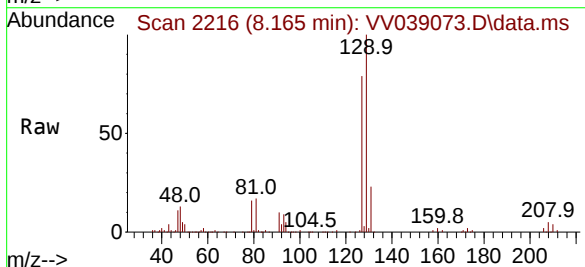
Ion	Ratio	Lower	Upper
43	100		
58	57.9	45.6	68.4
57	18.9	15.6	23.4
100	13.5	10.5	15.7

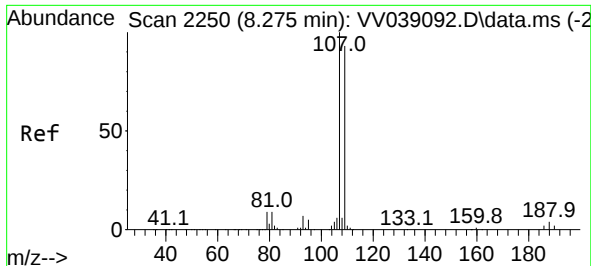


#49
Dibromochloromethane
Concen: 5.240 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

Tgt Ion: 129 Resp: 143787

Ion	Ratio	Lower	Upper
129	100		
127	78.8	56.7	105.3

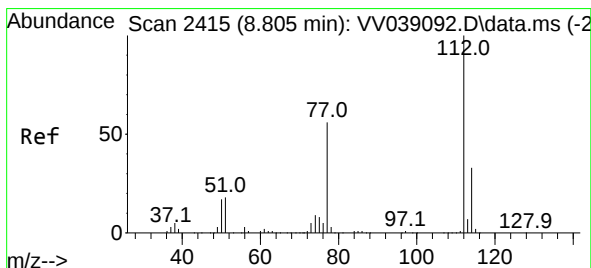
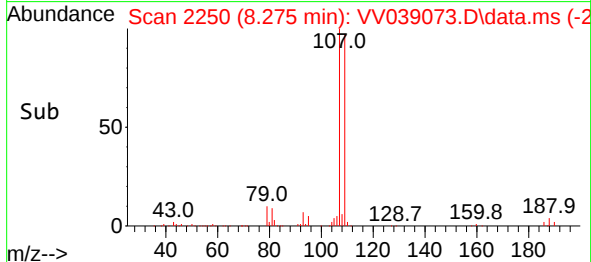
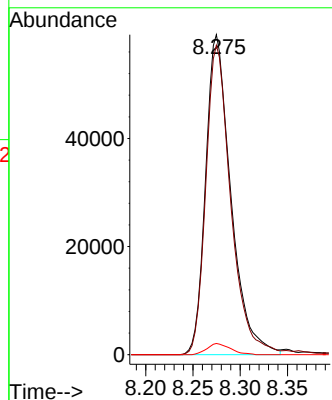
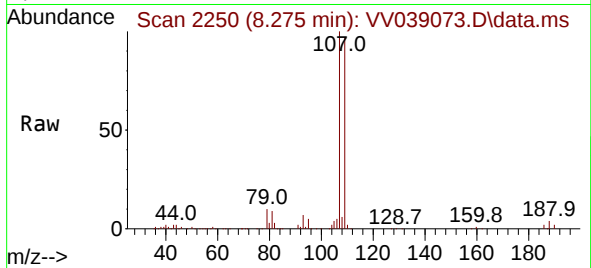




#50
1,2-Dibromoethane
Concen: 5.245 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

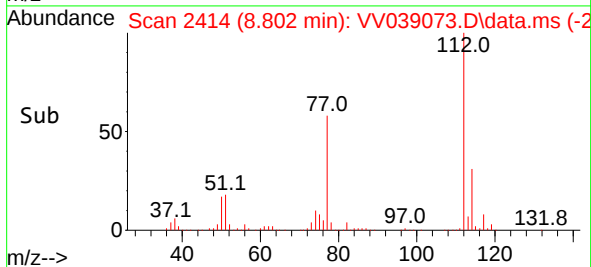
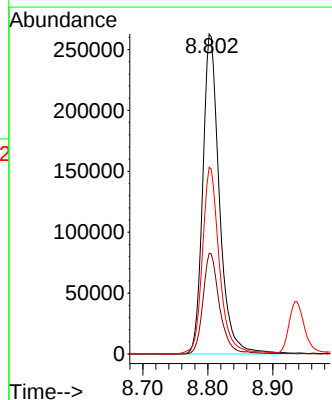
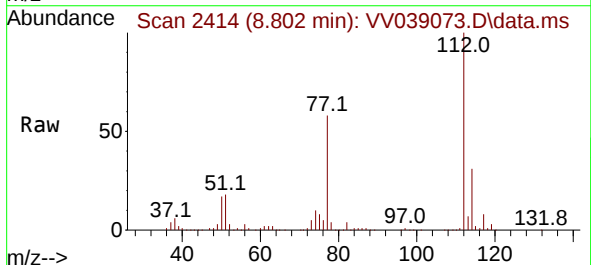
Instrument :
MSVOA_V
ClientSampleId :
VICV259

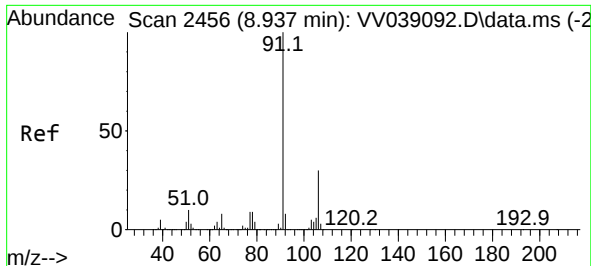
Tgt Ion:107 Resp: 110326
Ion Ratio Lower Upper
107 100
109 96.7 67.1 124.7
188 3.5 2.5 3.7



#51
Chlorobenzene
Concen: 5.286 ug/L
RT: 8.802 min Scan# 2414
Delta R.T. -0.003 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

Tgt Ion:112 Resp: 468013
Ion Ratio Lower Upper
112 100
114 31.4 23.0 42.6
77 58.3 46.6 69.8





#52

Ethylbenzene

Concen: 5.412 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

Instrument :

MSVOA_V

ClientSampleId :

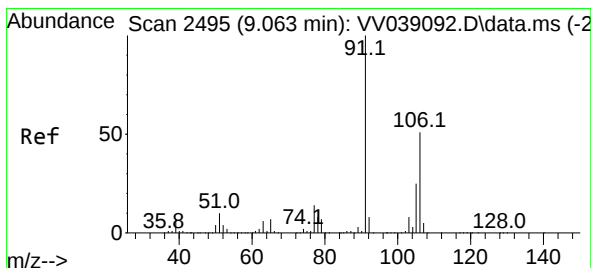
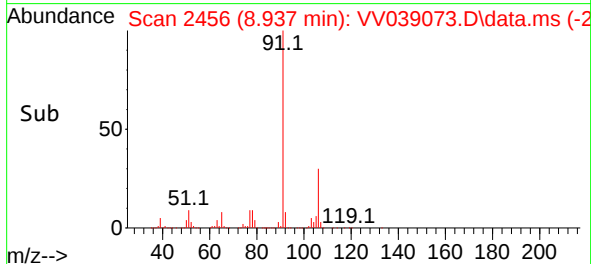
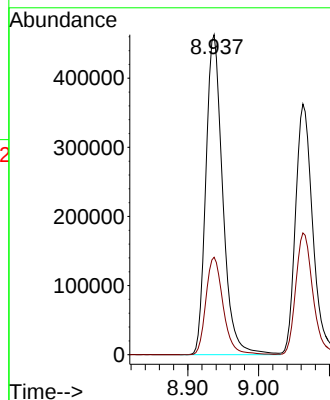
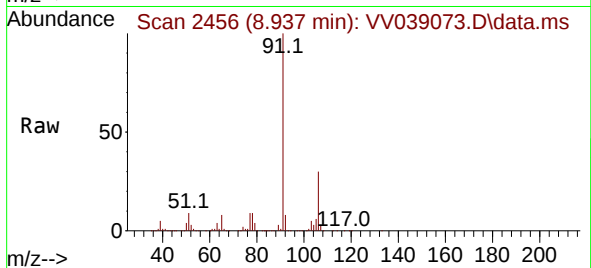
VICV259

Tgt Ion: 91 Resp: 764779

Ion Ratio Lower Upper

91 100

106 30.4 20.8 38.6



#53

m,p-Xylene

Concen: 5.411 ug/L

RT: 9.062 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV039073.D

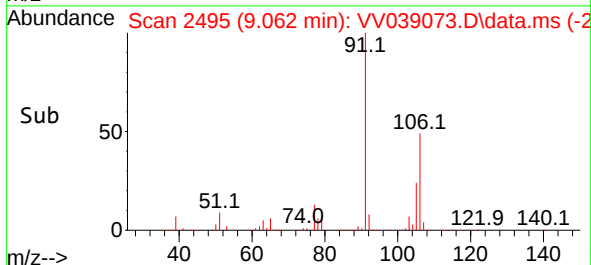
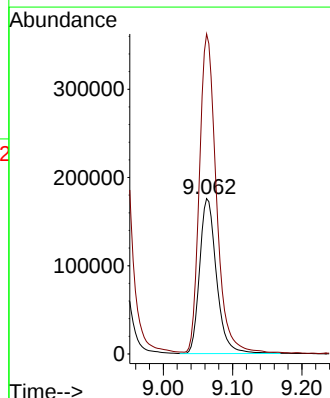
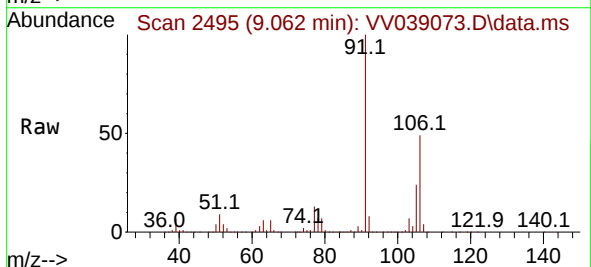
Acq: 15 Sep 2025 12:49

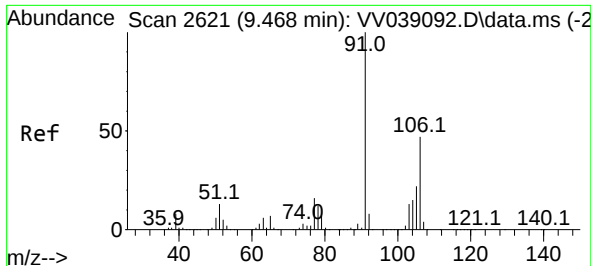
Tgt Ion: 106 Resp: 297451

Ion Ratio Lower Upper

106 100

91 205.9 140.1 260.3

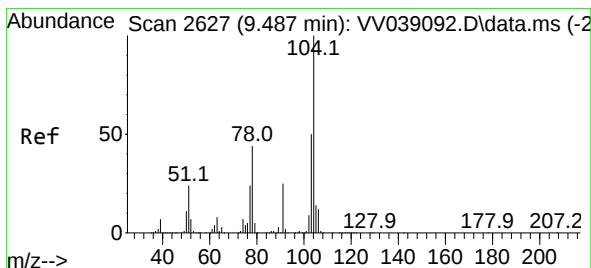
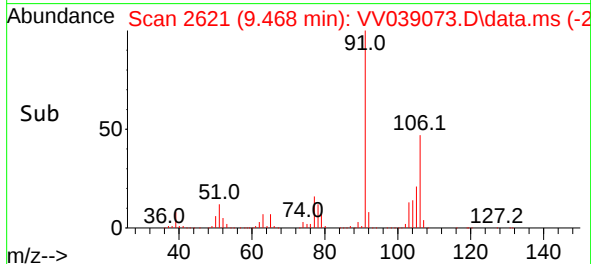
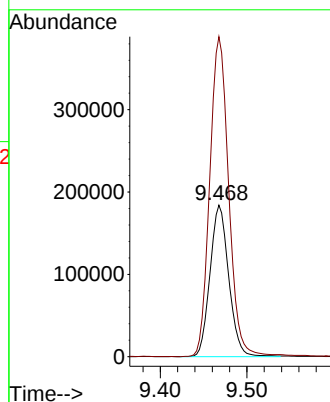
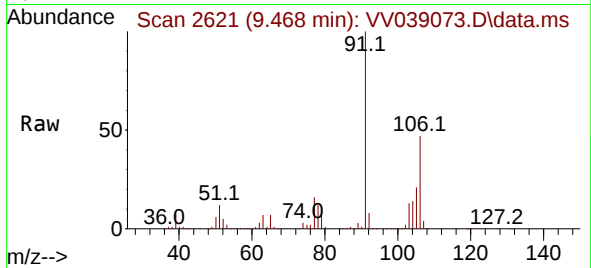




#54
o-Xylene
Concen: 5.490 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

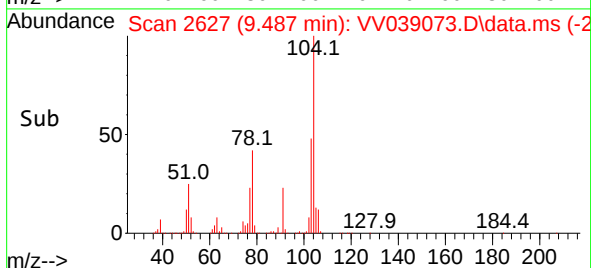
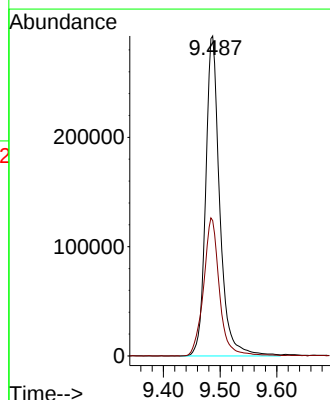
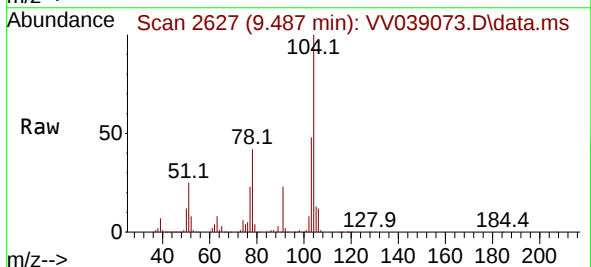
Instrument : MSVOA_V
ClientSampleId : VICV259

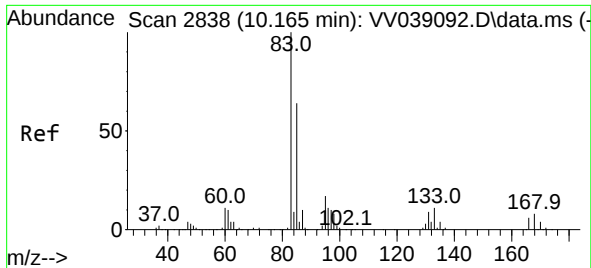
Tgt Ion:106 Resp: 276859
Ion Ratio Lower Upper
106 100
91 211.2 150.7 279.9



#55
Styrene
Concen: 5.695 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

Tgt Ion:104 Resp: 507429
Ion Ratio Lower Upper
104 100
78 42.3 29.9 55.5

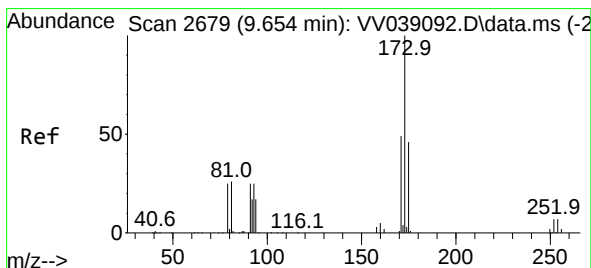
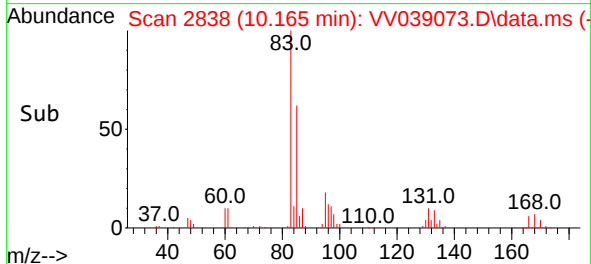
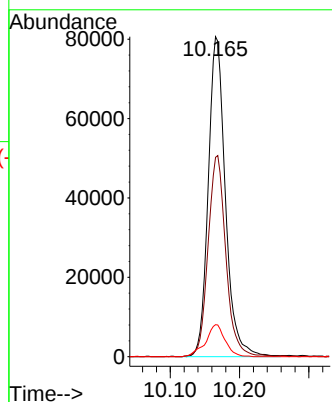
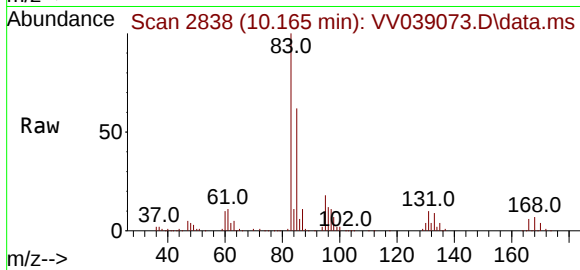




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.298 ug/L
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV039073.D
 Acq: 15 Sep 2025 12:49

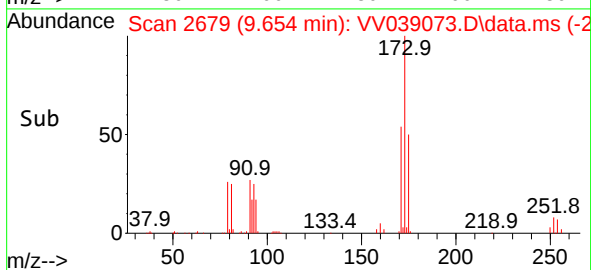
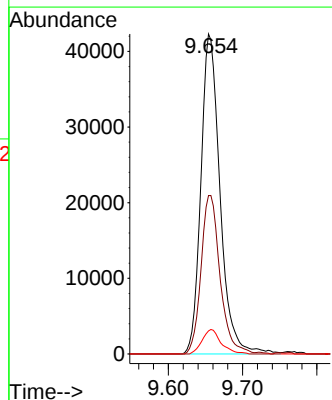
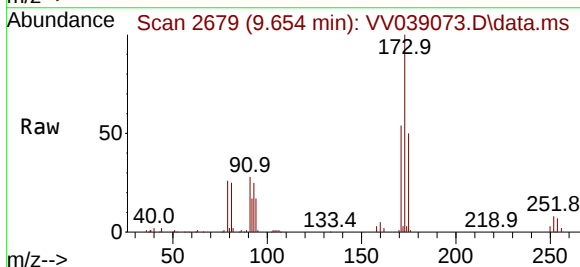
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

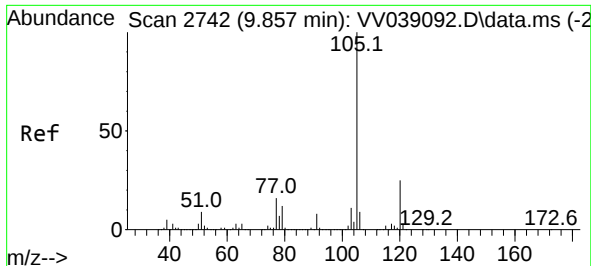
Tgt Ion: 83 Resp: 138427
 Ion Ratio Lower Upper
 83 100
 85 62.3 45.4 84.4
 131 10.0 7.2 10.8



#59
 Bromoform
 Concen: 4.957 ug/L
 RT: 9.654 min Scan# 2679
 Delta R.T. -0.003 min
 Lab File: VV039073.D
 Acq: 15 Sep 2025 12:49

Tgt Ion: 173 Resp: 75799
 Ion Ratio Lower Upper
 173 100
 175 49.1 38.8 58.2
 254 7.5 6.8 10.2

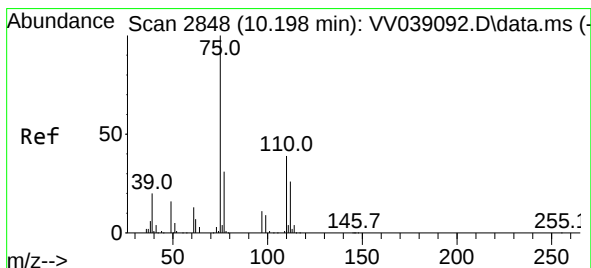
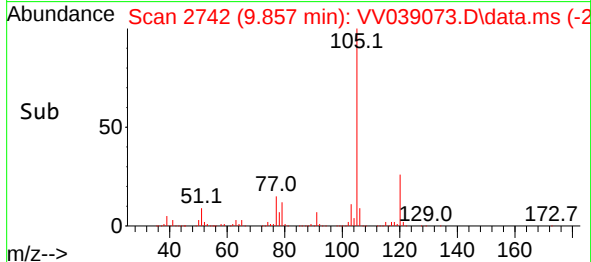
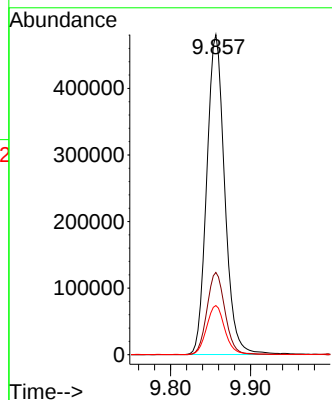
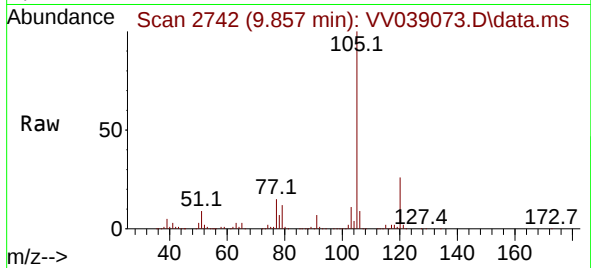




#60
Isopropylbenzene
Concen: 5.215 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

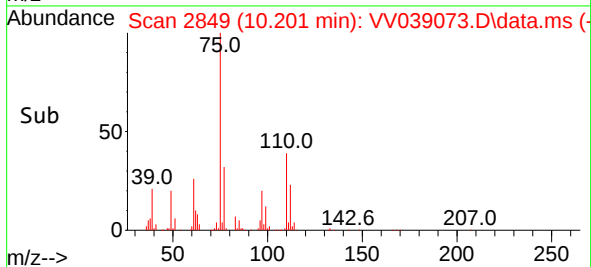
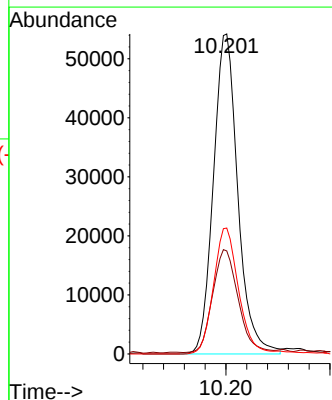
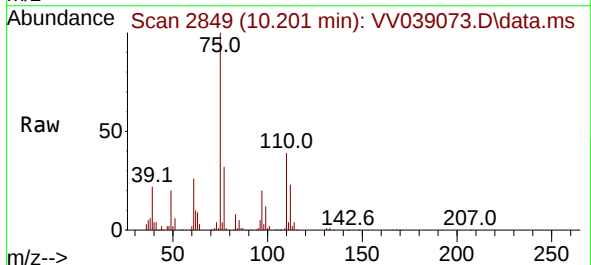
Instrument :
MSVOA_V
ClientSampleId :
VICV259

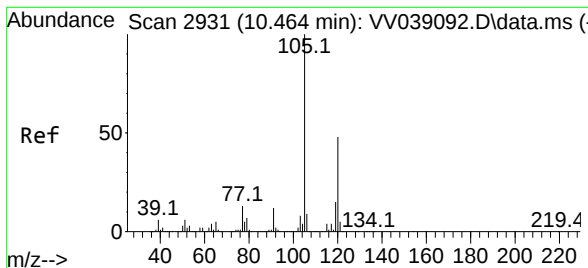
Tgt Ion:105 Resp: 752000
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.870 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

Tgt Ion: 75 Resp: 88428
Ion Ratio Lower Upper
75 100
77 33.3 25.1 37.7
110 41.0 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 5.088 ug/L

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

Instrument :

MSVOA_V

ClientSampleId :

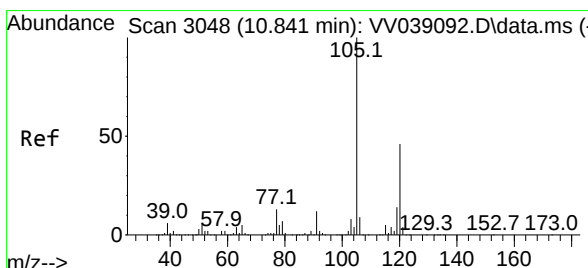
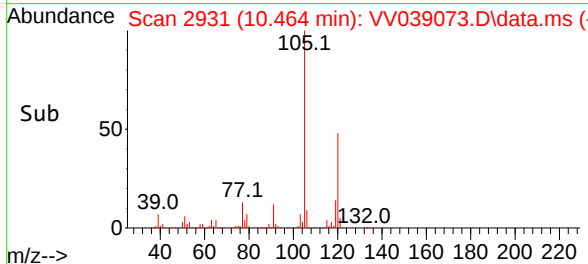
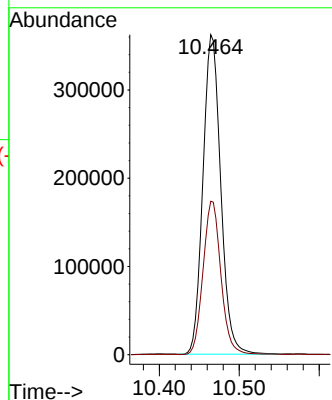
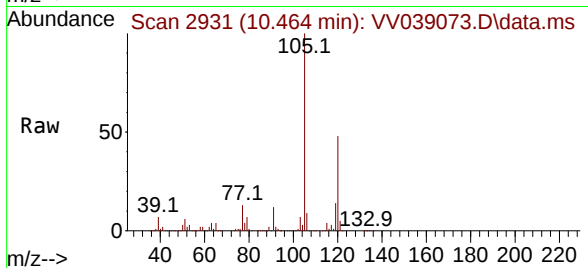
VICV259

Tgt Ion:105 Resp: 563152

Ion Ratio Lower Upper

105 100

120 48.1 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 5.128 ug/L

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV039073.D

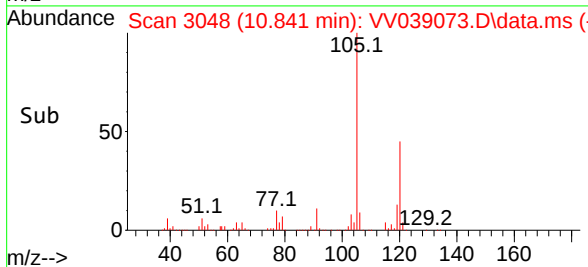
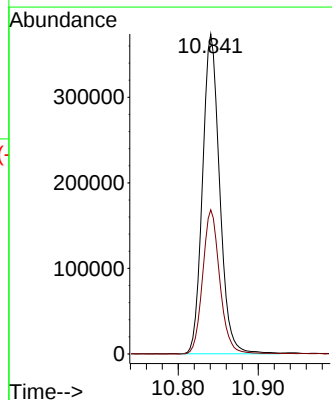
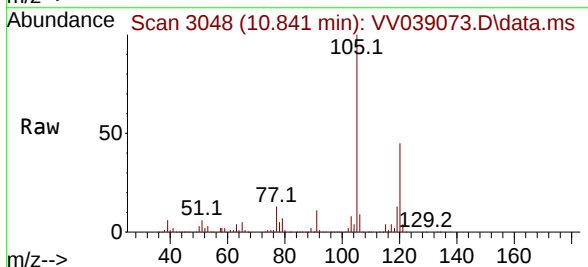
Acq: 15 Sep 2025 12:49

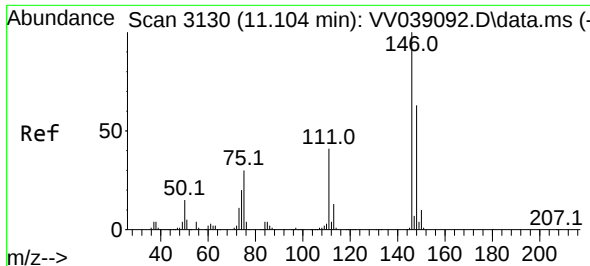
Tgt Ion:105 Resp: 557577

Ion Ratio Lower Upper

105 100

120 45.3 36.6 54.8

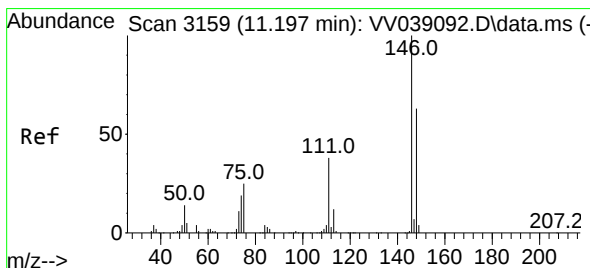
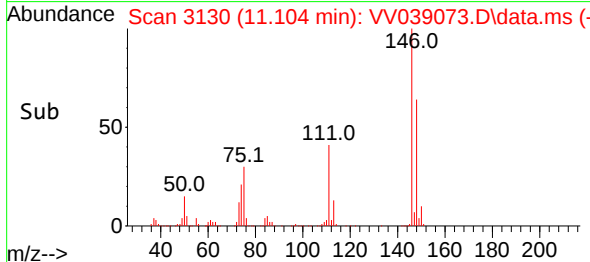
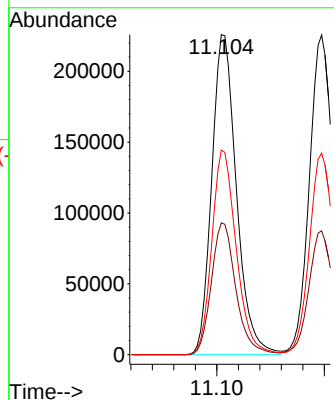
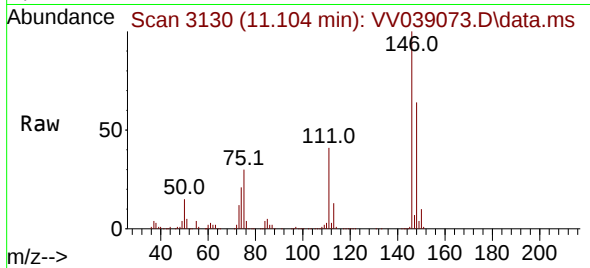




#64
1,3-Dichlorobenzene
Concen: 5.112 ug/L
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

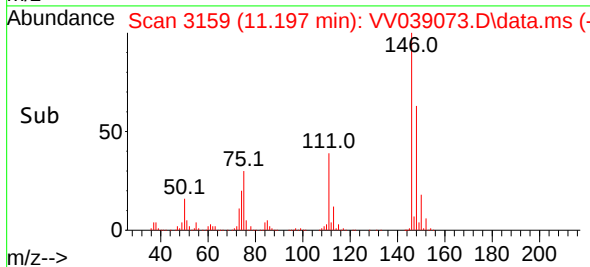
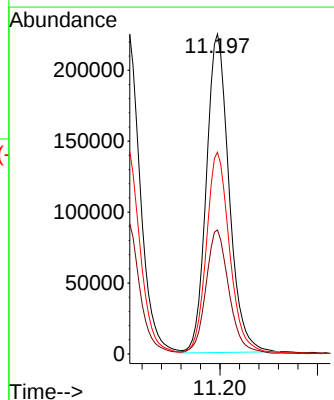
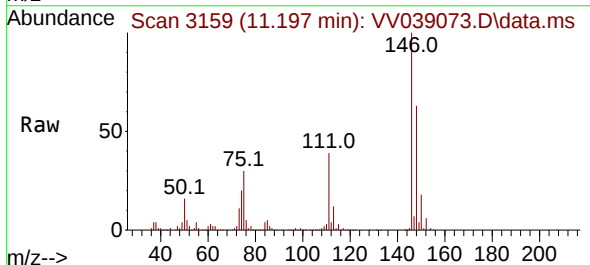
Instrument :
MSVOA_V
ClientSampleId :
VICV259

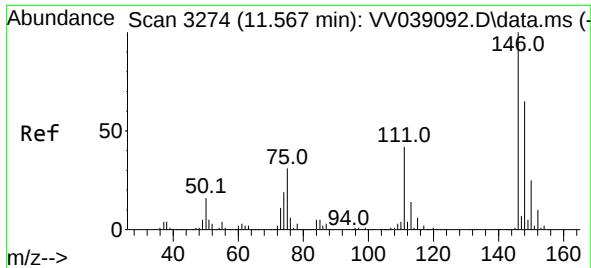
Tgt Ion:146 Resp: 359654
Ion Ratio Lower Upper
146 100
111 41.2 28.3 52.7
148 64.0 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.992 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV039073.D
Acq: 15 Sep 2025 12:49

Tgt Ion:146 Resp: 363365
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.6
148 63.0 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 5.091 ug/L

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

Instrument :

MSVOA_V

ClientSampleId :

VICV259

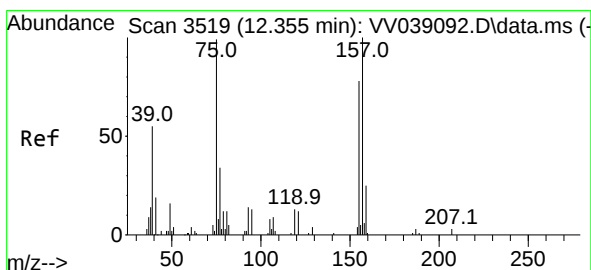
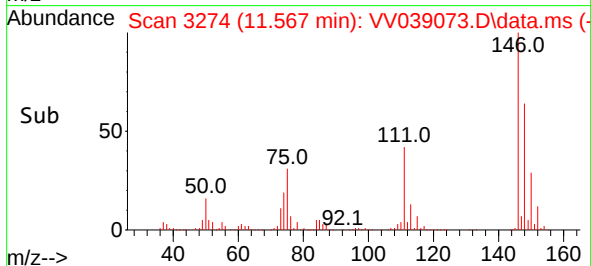
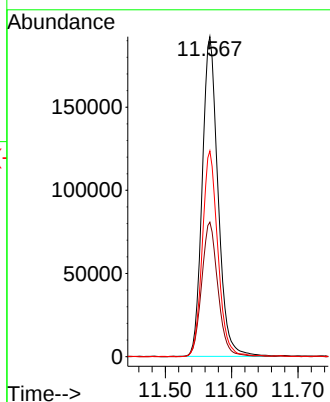
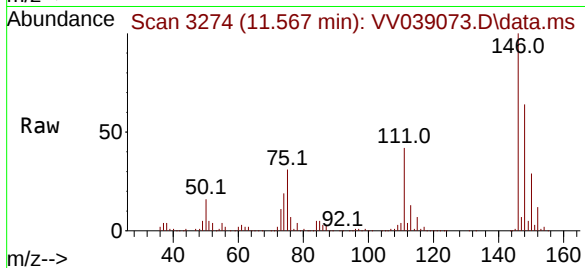
Tgt Ion:146 Resp: 317385

Ion Ratio Lower Upper

146 100

111 42.0 33.4 50.2

148 64.3 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.922 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. 0.000 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

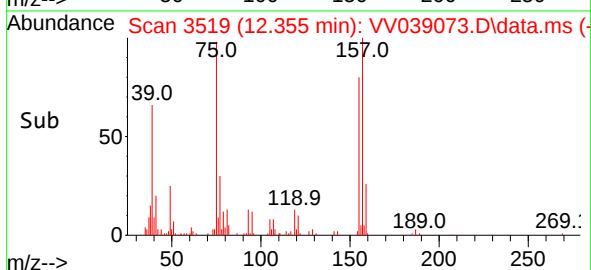
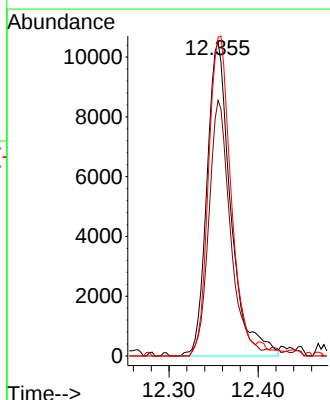
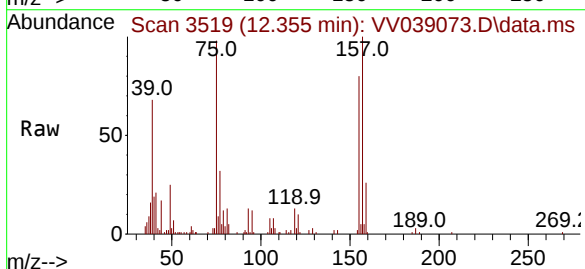
Tgt Ion: 75 Resp: 19471

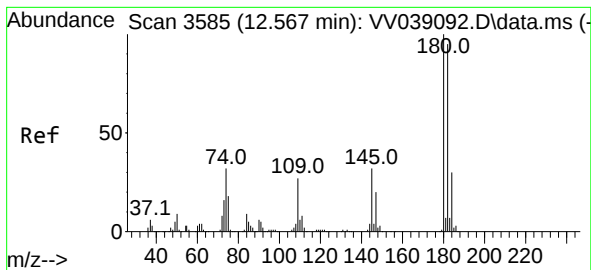
Ion Ratio Lower Upper

75 100

155 81.4 59.4 89.0

157 101.6 76.2 114.2





#69

1,3,5-Trichlorobenzene

Concen: 4.660 ug/L

RT: 12.570 min Scan# 3585

Delta R.T. 0.000 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

Instrument :

MSVOA_V

ClientSampleId :

VICV259

Tgt Ion:180 Resp: 214845

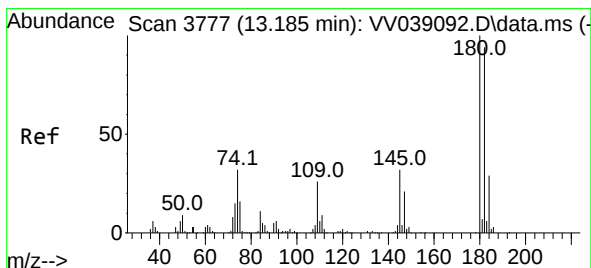
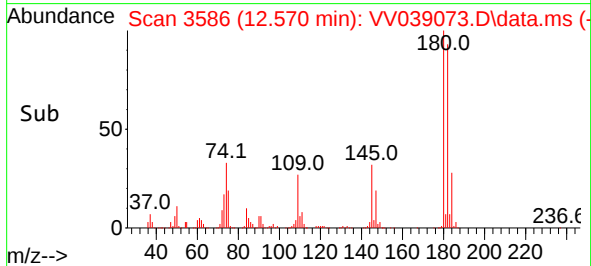
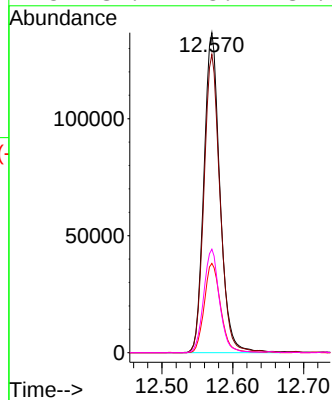
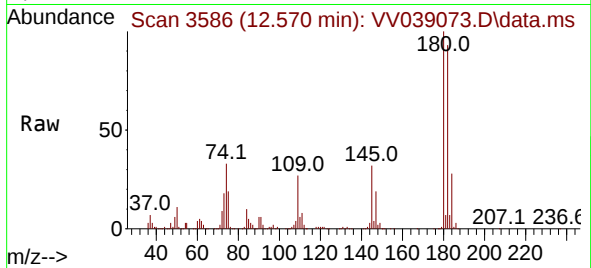
Ion Ratio Lower Upper

180 100

182 93.6 76.3 114.5

184 28.5 24.0 36.0

145 31.9 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.401 ug/L

RT: 13.185 min Scan# 3777

Delta R.T. -0.003 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

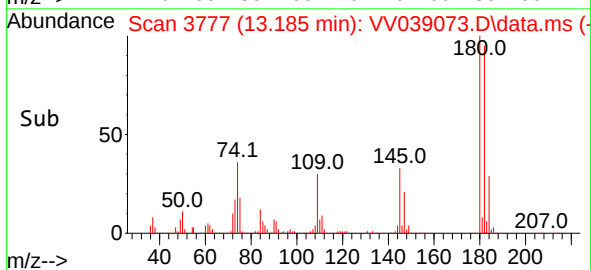
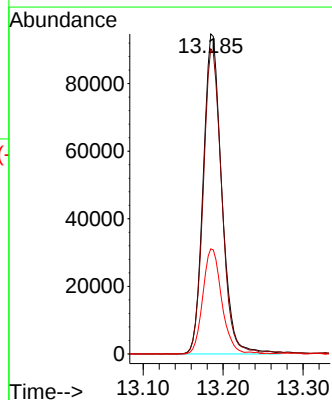
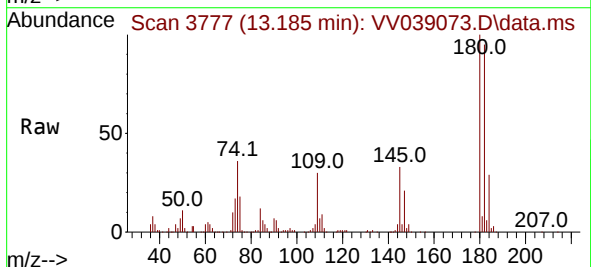
Tgt Ion:180 Resp: 152781

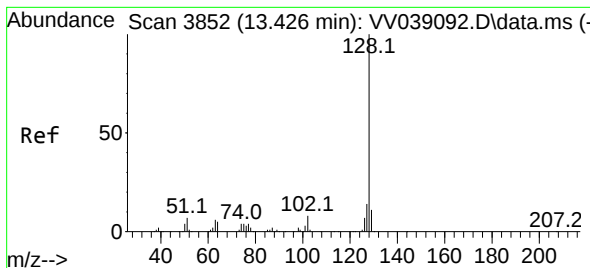
Ion Ratio Lower Upper

180 100

182 94.9 73.2 109.8

145 33.6 25.0 37.4





#71

Naphthalene

Concen: 4.377 ug/L

RT: 13.426 min Scan# 3852

Delta R.T. 0.000 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

Instrument :

MSVOA_V

ClientSampleId :

VICV259

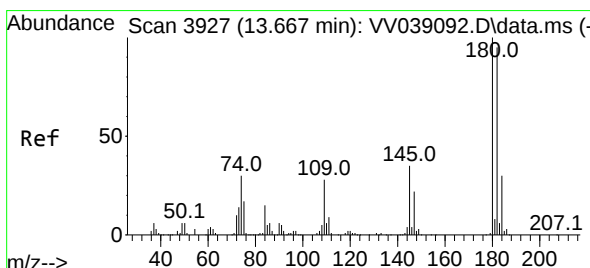
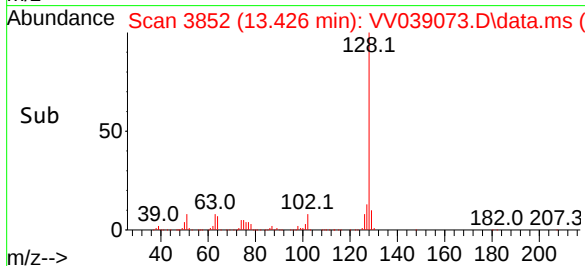
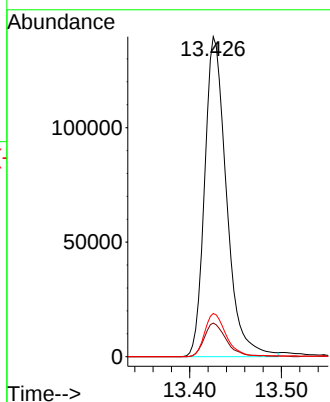
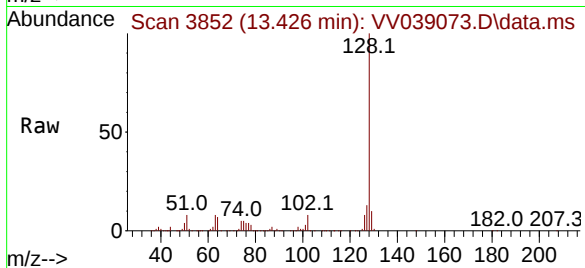
Tgt Ion:128 Resp: 231512

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 13.2 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 4.871 ug/L

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039073.D

Acq: 15 Sep 2025 12:49

Tgt Ion:180 Resp: 150773

Ion Ratio Lower Upper

180 100

182 93.0 76.6 115.0

145 34.2 27.4 41.2

