

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW091525\
 Data File : VW039070.D
 Acq On : 15 Sep 2025 11:03
 Operator : SY/MD
 Sample : VSTD02057
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02057

Quant Time: Sep 16 01:38:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 01:35:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	458937	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	452911	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	240629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	706798	18.932	ug/L	0.00
7) Chloroethane-d5	1.542	69	622569	19.102	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	324838	18.744	ug/L	0.00
20) 2-Butanone-d5	3.780	46	1258685	251.388	ug/L	-0.03
24) Chloroform-d	4.249	84	1411784	19.960	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	600737	20.620	ug/L	0.00
32) Benzene-d6	4.957	84	2710349	21.324	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	793169	21.647	ug/L	0.00
41) Toluene-d8	7.236	98	2547582	22.362	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	315329	23.167	ug/L	0.00
46) 2-Hexanone-d5	8.011	63	1168035	275.198	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	562891	20.340	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.545	152	821492	20.845	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	908117	17.699	ug/L	100
3) Chloromethane	1.227	50	856918	16.942	ug/L	99
5) Vinyl chloride	1.294	62	954035	17.805	ug/L	99
6) Bromomethane	1.494	94	548583	18.416	ug/L	98
8) Chloroethane	1.558	64	576361	17.197	ug/L	99
9) Trichlorofluoromethane	1.722	101	1276997	17.450	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	773197	17.213	ug/L	99
12) 1,1-Dichloroethene	2.079	96	707378	17.316	ug/L	94
13) Acetone	2.121	43	976734	200.684	ug/L	98
14) Carbon disulfide	2.249	76	2432415	18.204	ug/L	100
15) Methyl Acetate	2.381	43	225414	18.368	ug/L	98
16) Methylene chloride	2.455	84	724154	12.616	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	1429010	20.325	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	766544	18.609	ug/L	98
19) 1,1-Dichloroethane	3.118	63	1356306	18.069	ug/L	98
21) 2-Butanone	3.860	43	1320051	239.825	ug/L	90
22) cis-1,2-Dichloroethene	3.818	96	828586	20.906	ug/L	98
23) Bromochloromethane	4.146	128	329916	18.618	ug/L	96
25) Chloroform	4.278	83	1401071	17.803	ug/L	100
27) 1,2-Dichloroethane	5.037	62	771202	19.384	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	1253500	17.841	ug/L	99
30) Cyclohexane	4.584	56	1316735	21.841	ug/L	99
31) Carbon tetrachloride	4.735	117	1102369	18.130	ug/L	100
33) Benzene	5.008	78	3056362	19.685	ug/L	100
34) Trichloroethene	5.828	95	808150	19.348	ug/L	98
35) Methylcyclohexane	6.047	83	1407735	21.957	ug/L	97
37) 1,2-Dichloropropane	6.088	63	763301	19.950	ug/L	100
38) Bromodichloromethane	6.426	83	962756	18.479	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	1166171	22.523	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	3440195	226.001	ug/L	97
42) Toluene	7.307	91	3320064	20.434	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	918916	21.036	ug/L	100

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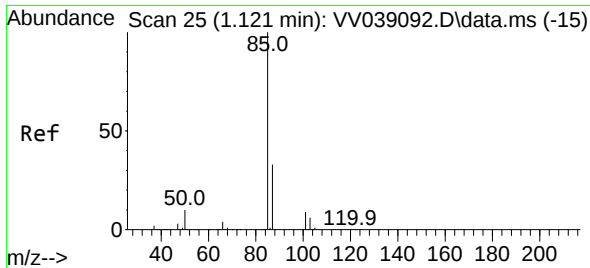
Instrument :
 MSVOA_V
 ClientSampleId :
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Quant Time: Sep 16 01:38:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.760	97	512224	18.675	ug/L	98
47) Tetrachloroethene	7.895	164	614638	19.056	ug/L	98
48) 2-Hexanone	8.063	43	2373842	236.437	ug/L	98
49) Dibromochloromethane	8.169	129	612020	18.616	ug/L	97
50) 1,2-Dibromoethane	8.272	107	481183	19.282	ug/L	96
51) Chlorobenzene	8.802	112	2047934	19.323	ug/L	99
52) Ethylbenzene	8.937	91	3668808	21.767	ug/L	97
53) m,p-Xylene	9.063	106	1428935	21.861	ug/L	99
54) o-Xylene	9.468	106	1347214	22.773	ug/L	99
55) Styrene	9.484	104	2351092	22.831	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	569330	17.991	ug/L	99
59) Bromoform	9.654	173	328302	17.900	ug/L	99
60) Isopropylbenzene	9.857	105	3698677	20.731	ug/L	100
61) 1,2,3-Trichloropropane	10.198	75	386952	16.519	ug/L	98
62) 1,3,5-Trimethylbenzene	10.464	105	3009230	22.171	ug/L	99
63) 1,2,4-Trimethylbenzene	10.837	105	2951440	22.409	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	1614353	18.920	ug/L	98
65) 1,4-Dichlorobenzene	11.194	146	1636479	18.613	ug/L	100
67) 1,2-Dichlorobenzene	11.564	146	1445743	19.020	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.352	75	83452	16.812	ug/L	93
69) 1,3,5-Trichlorobenzene	12.567	180	1094963	20.169	ug/L	99
70) 1,2,4-trichlorobenzene	13.185	180	883364	21.158	ug/L	98
71) Naphthalene	13.423	128	1531243	23.682	ug/L	99
72) 1,2,3-Trichlorobenzene	13.664	180	767635	20.570	ug/L	99

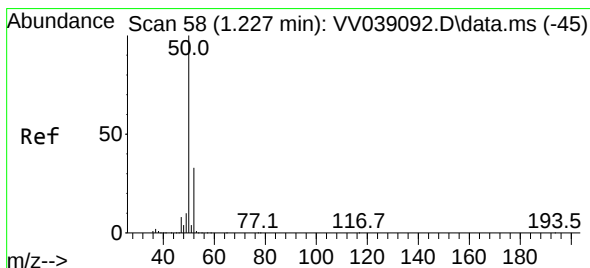
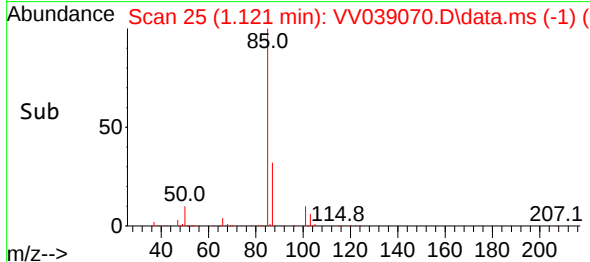
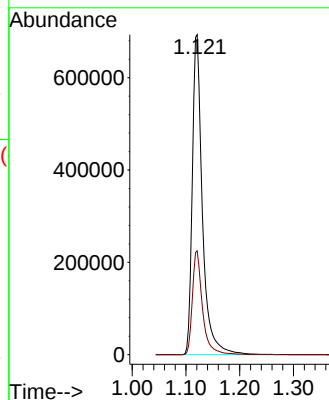
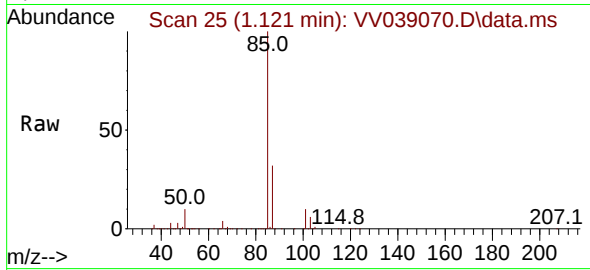
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 17.699 ug/L
 RT: 1.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

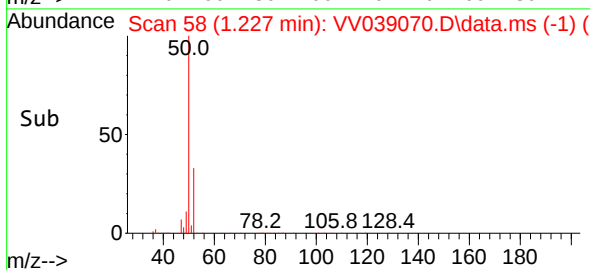
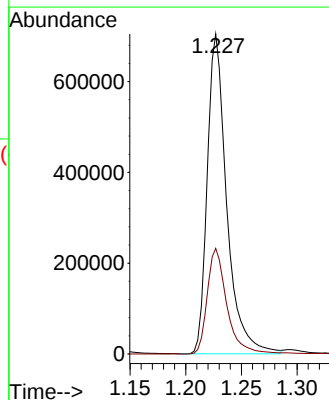
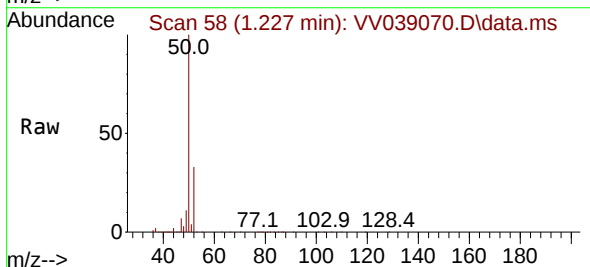
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020257

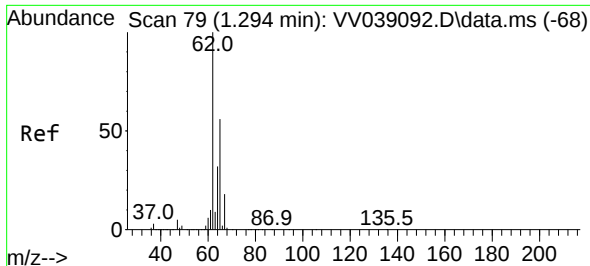
Tgt Ion: 85 Resp: 908117
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 16.942 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

Tgt Ion: 50 Resp: 856918
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.6





#5
 Vinyl chloride
 Concen: 17.805 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

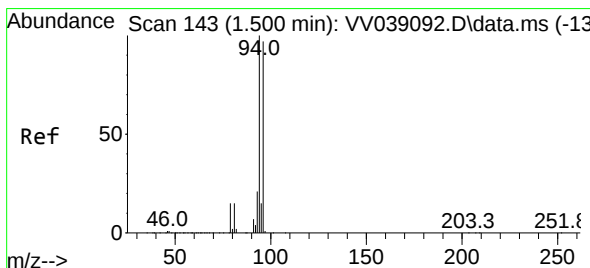
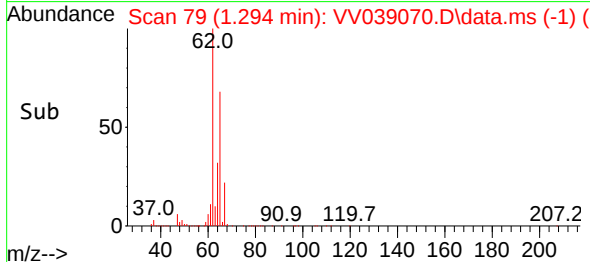
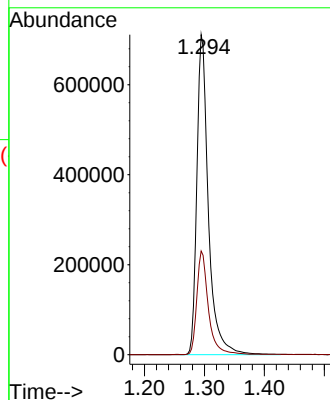
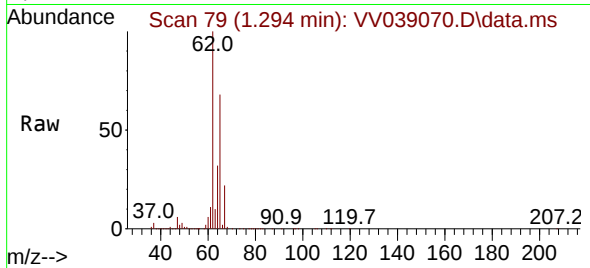
Instrument :

MSVOA_V

ClientSampleId :

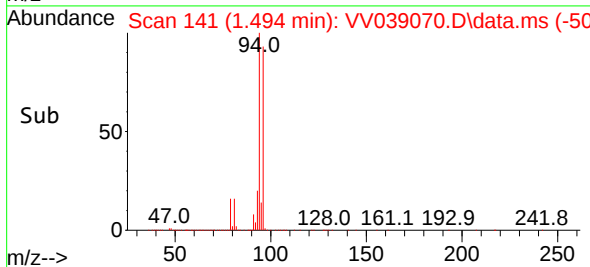
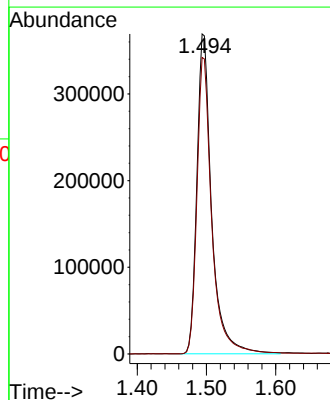
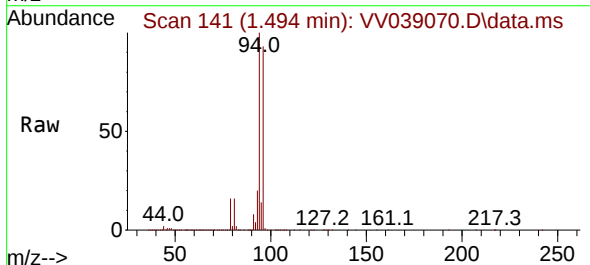
VSTD020257

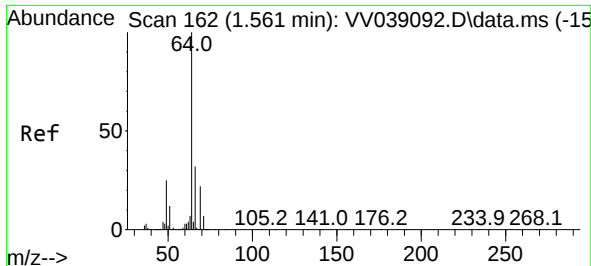
Tgt Ion: 62 Resp: 954035
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.4 41.6



#6
 Bromomethane
 Concen: 18.416 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

Tgt Ion: 94 Resp: 548583
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.9 122.5

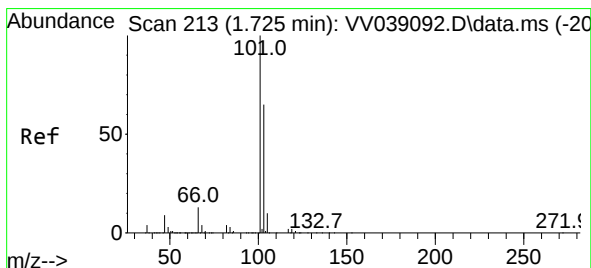
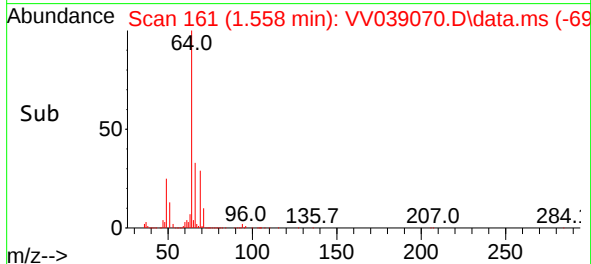
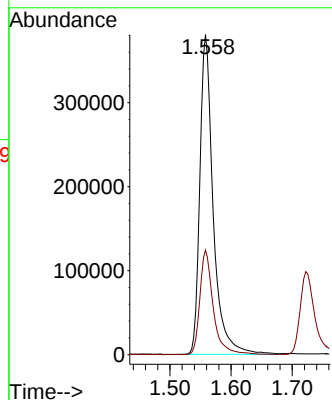
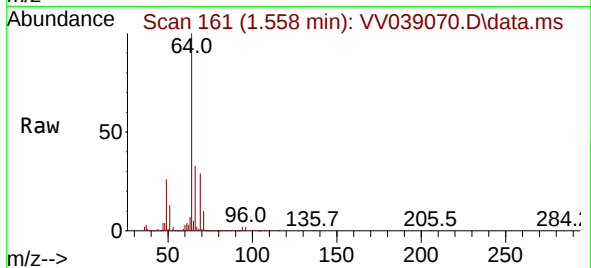




#8
Chloroethane
Concen: 17.197 ug/L
RT: 1.558 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

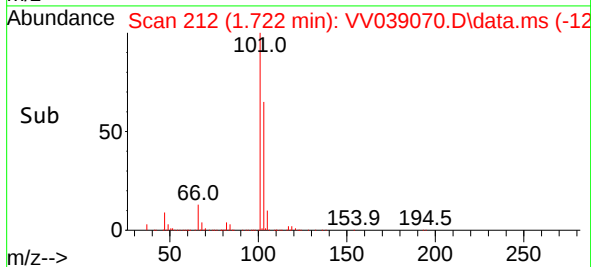
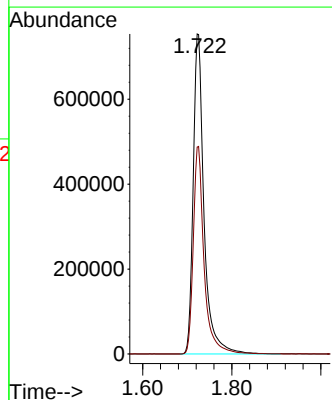
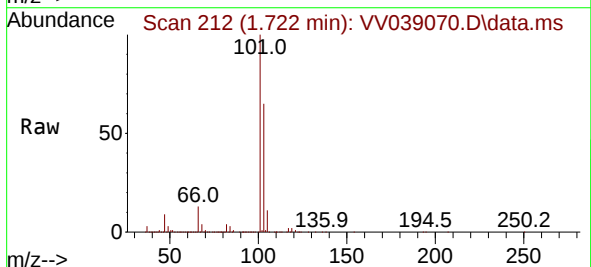
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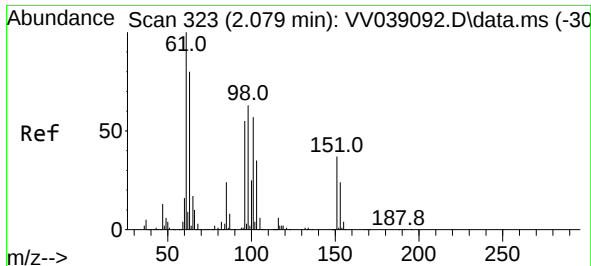
Tgt Ion: 64 Resp: 576361
Ion Ratio Lower Upper
64 100
66 32.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 17.450 ug/L
RT: 1.722 min Scan# 212
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

Tgt Ion: 101 Resp: 1276997
Ion Ratio Lower Upper
101 100
103 64.9 50.7 76.1





#10

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

Concen: 17.213 ug/L

RT: 2.079 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD020257

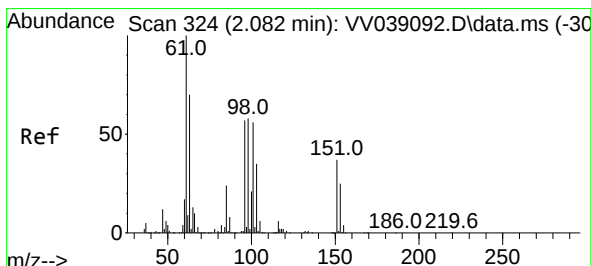
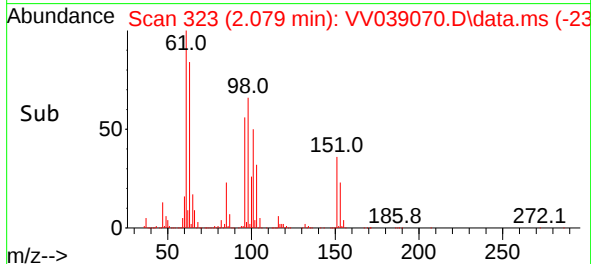
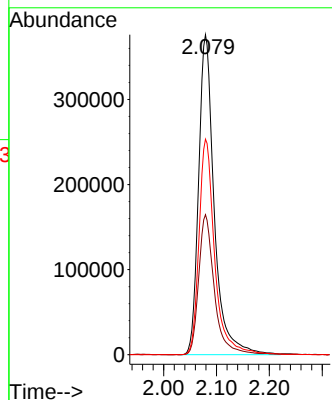
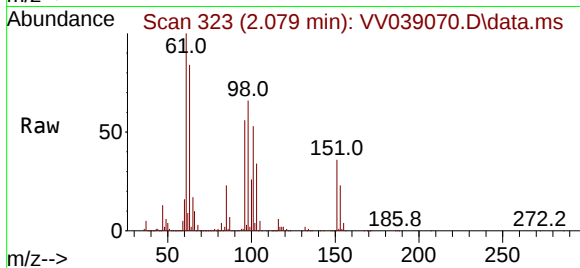
Tgt Ion:101 Resp: 773197

Ion Ratio Lower Upper

101 100

85 43.7 35.4 53.0

151 67.8 55.4 83.0



#12

1,1-Dichloroethene

Concen: 17.316 ug/L

RT: 2.079 min Scan# 323

Delta R.T. -0.003 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

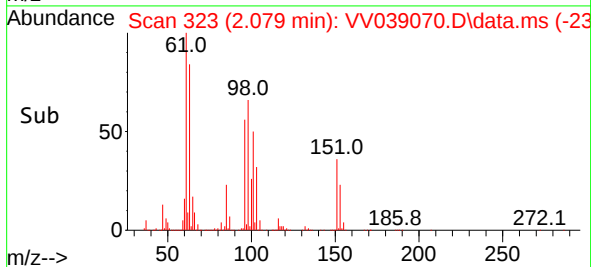
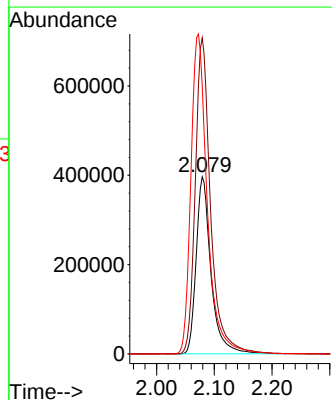
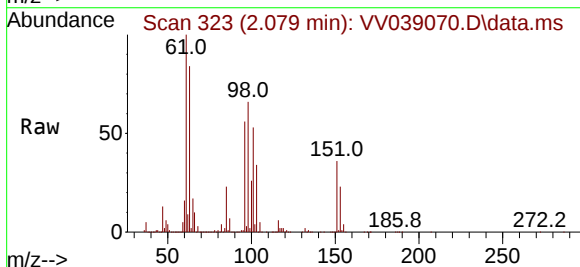
Tgt Ion: 96 Resp: 707378

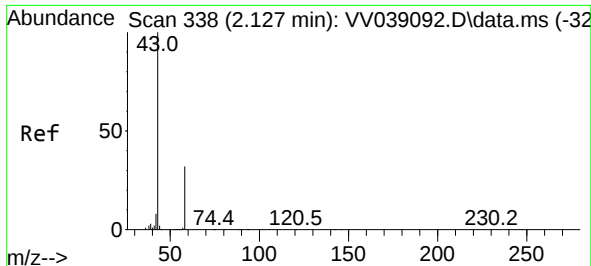
Ion Ratio Lower Upper

96 100

61 178.5 124.7 231.7

63 150.8 93.5 173.7





#13

Acetone

Concen: 200.684 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

Instrument :

MSVOA_V

ClientSampleId :

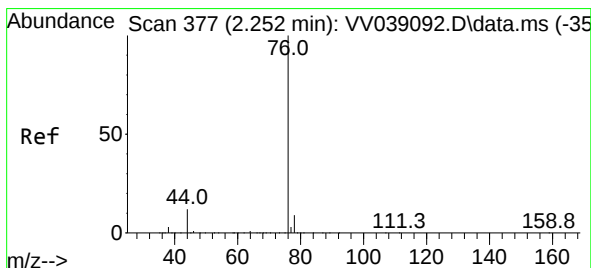
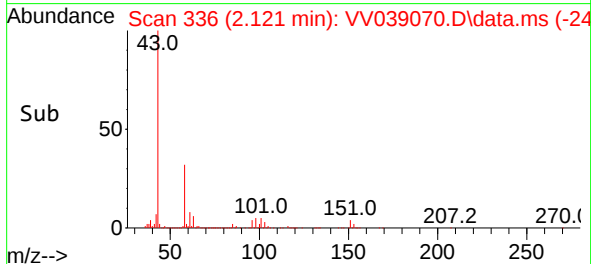
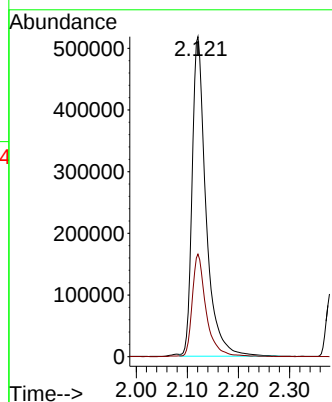
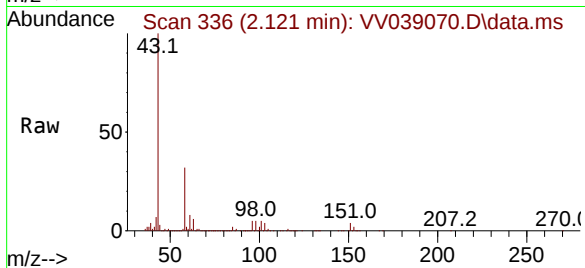
VSTD020257

Tgt Ion: 43 Resp: 976734

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.0



#14

Carbon disulfide

Concen: 18.204 ug/L

RT: 2.249 min Scan# 376

Delta R.T. -0.003 min

Lab File: VV039070.D

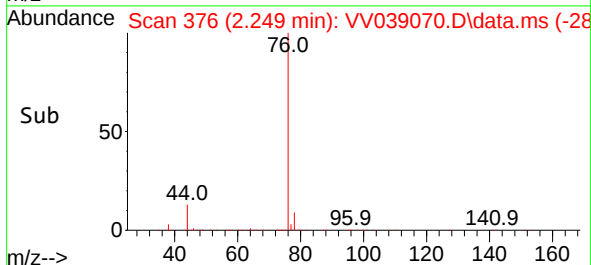
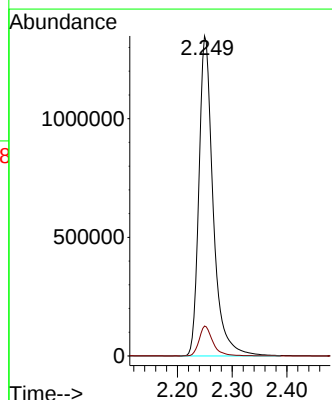
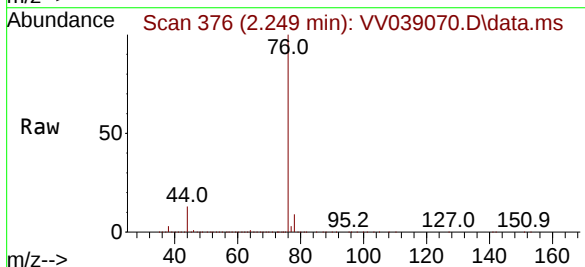
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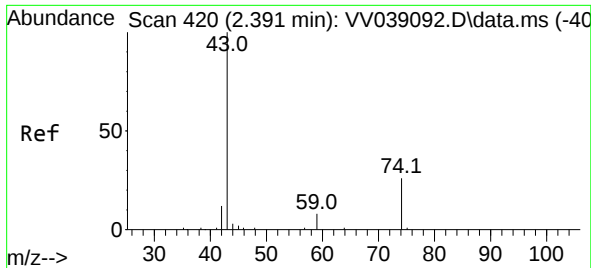
Tgt Ion: 76 Resp: 2432415

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

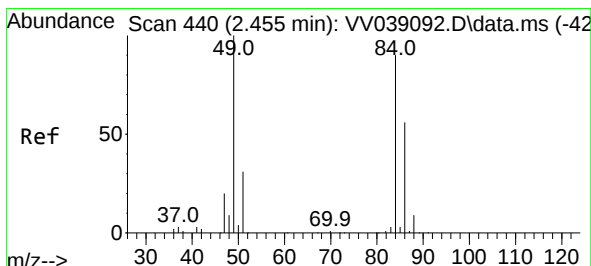
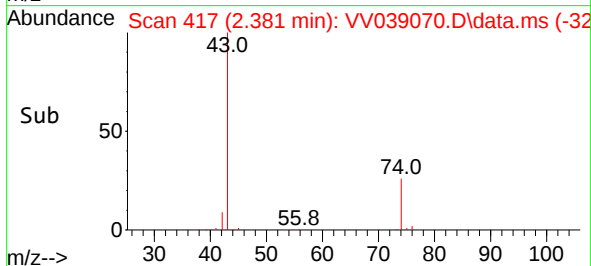
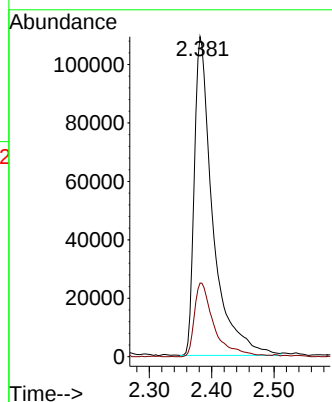
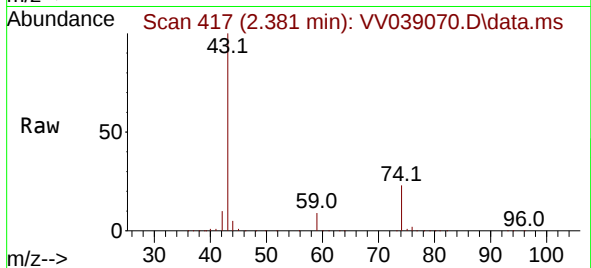




#15
Methyl Acetate
Concen: 18.368 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.013 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

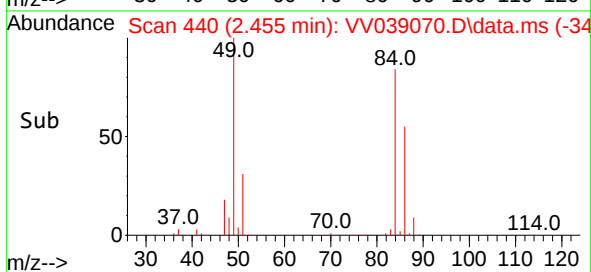
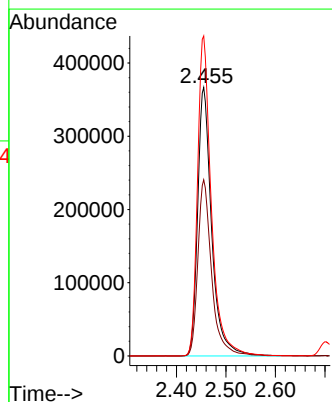
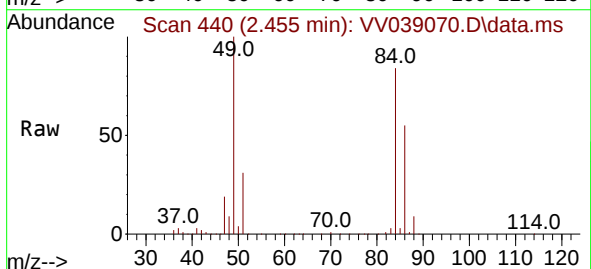
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ClientSampleId :
VSTD020257

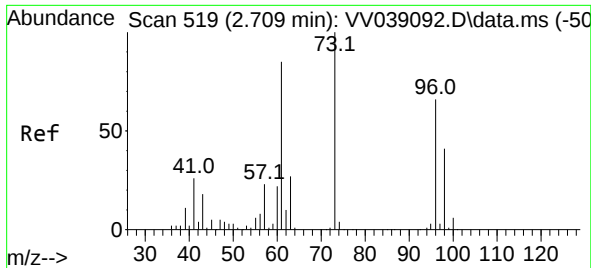
Tgt Ion: 43 Resp: 225414
Ion Ratio Lower Upper
43 100
74 24.4 18.8 28.2



#16
Methylene chloride
Concen: 12.616 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

Tgt Ion: 84 Resp: 724154
Ion Ratio Lower Upper
84 100
86 65.6 44.2 82.2
49 119.2 80.6 149.6

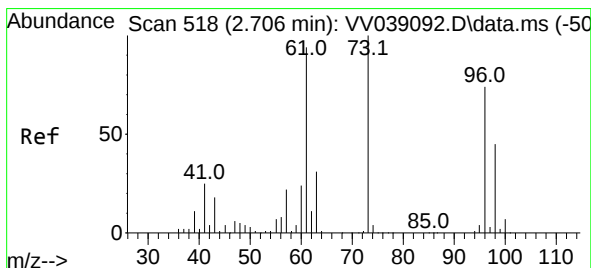
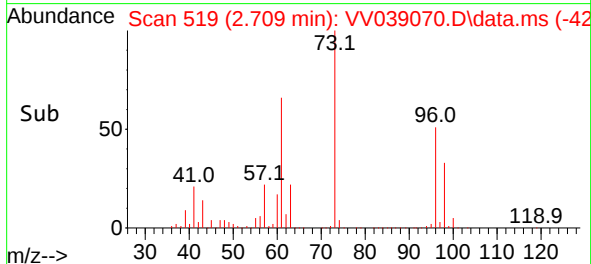
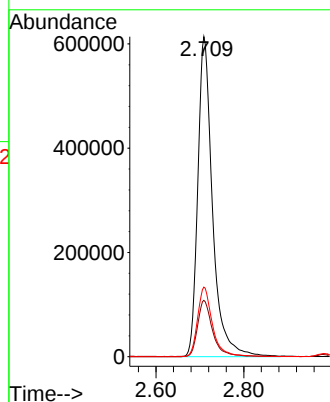
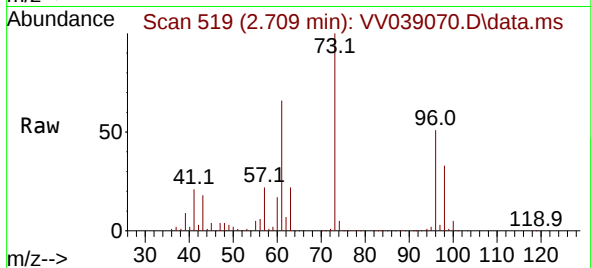




#17
Methyl tert-butyl Ether
Concen: 20.325 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

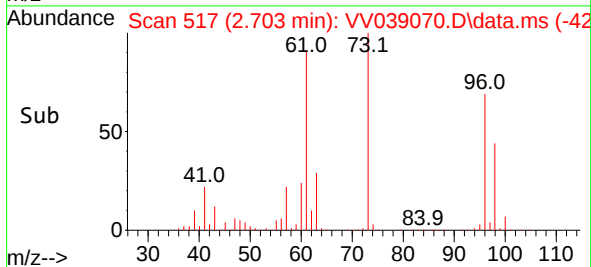
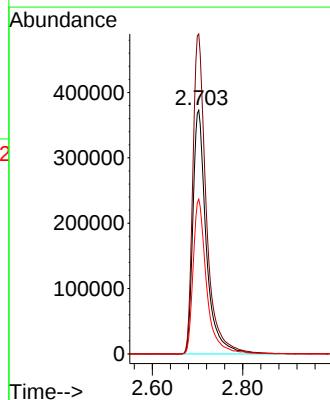
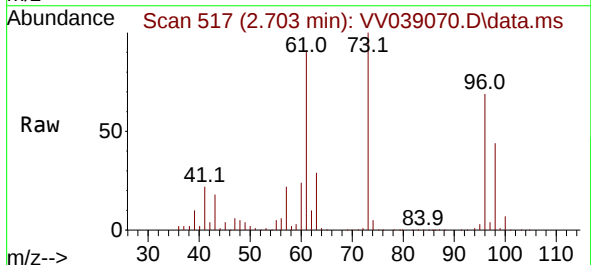
Instrument :
MSVOA_V
ClientSampleId :
VSTD020257

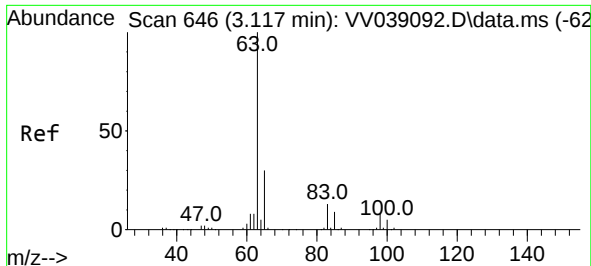
Tgt Ion: 73 Resp: 1429010
Ion Ratio Lower Upper
73 100
43 17.6 14.7 22.1
57 21.9 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 18.609 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

Tgt Ion: 96 Resp: 766544
Ion Ratio Lower Upper
96 100
61 131.3 89.7 166.5
98 63.5 44.9 83.3





#19

1,1-Dichloroethane

Concen: 18.069 ug/L

RT: 3.118 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD020257

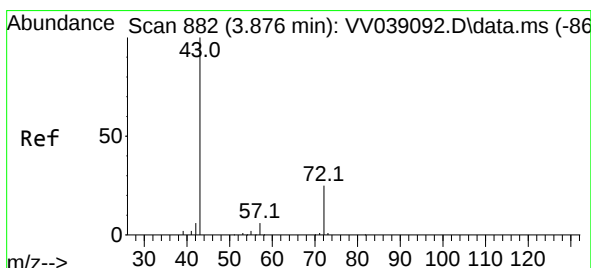
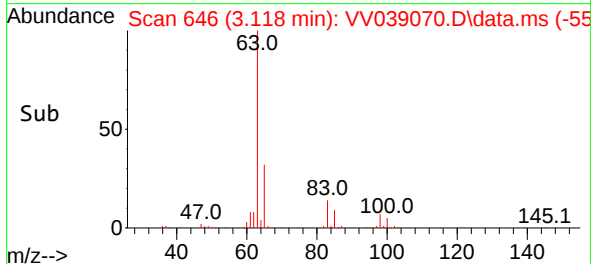
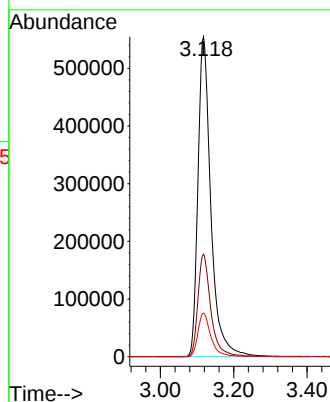
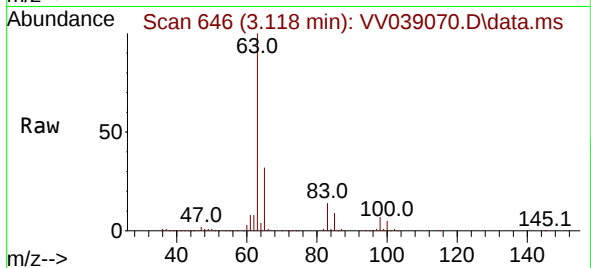
Tgt Ion: 63 Resp: 1356306

Ion Ratio Lower Upper

63 100

65 32.1 21.5 39.9

83 13.7 9.2 17.2



#21

2-Butanone

Concen: 239.825 ug/L

RT: 3.860 min Scan# 877

Delta R.T. -0.029 min

Lab File: VV039070.D

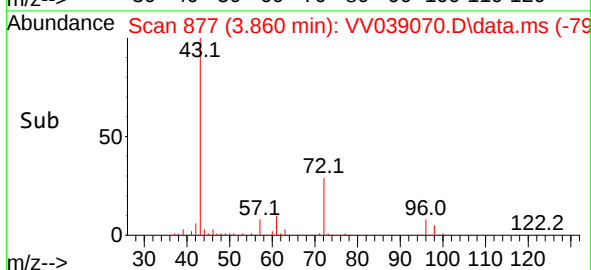
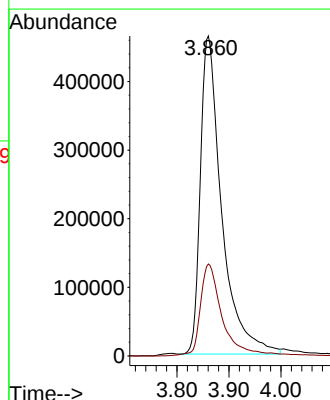
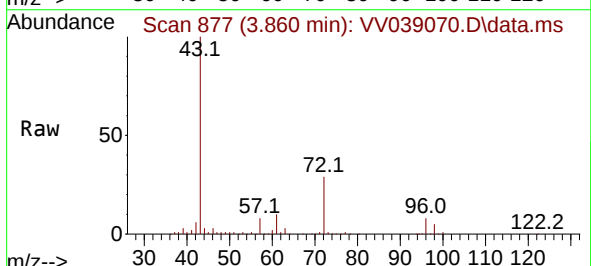
Acq: 15 Sep 2025 11:03

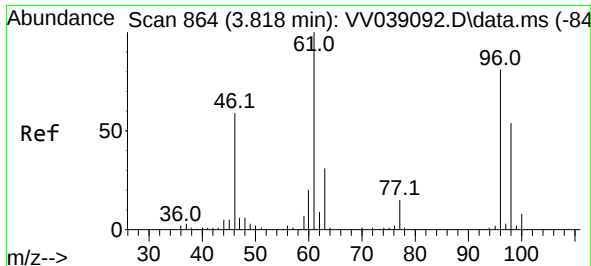
Tgt Ion: 43 Resp: 1320051

Ion Ratio Lower Upper

43 100

72 29.2 12.0 36.0



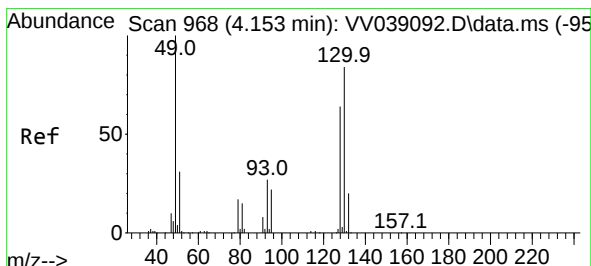
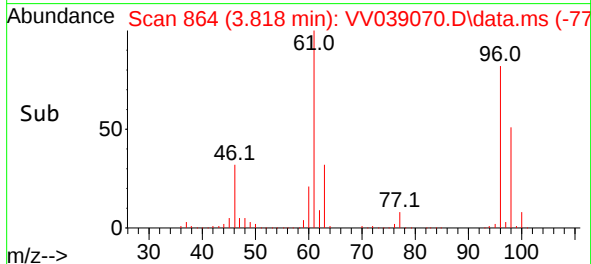
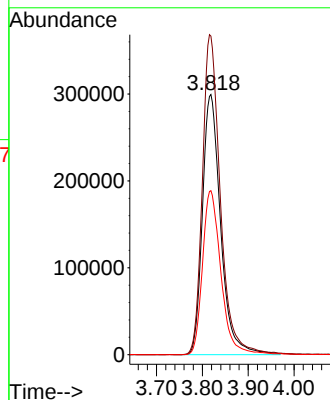
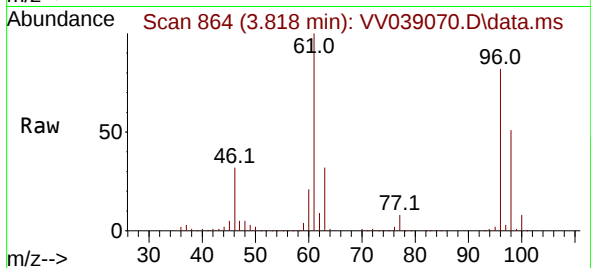


#22
 cis-1,2-Dichloroethene
 Concen: 20.906 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020257

Tgt Ion: 96 Resp: 828586

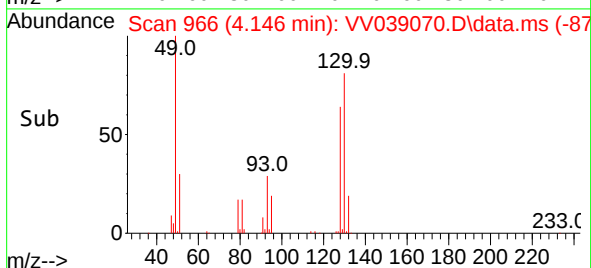
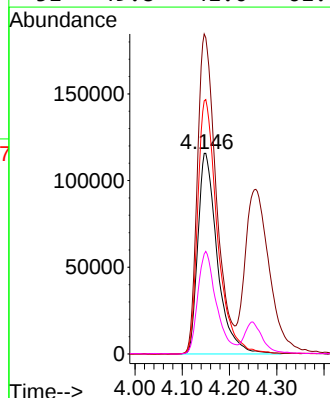
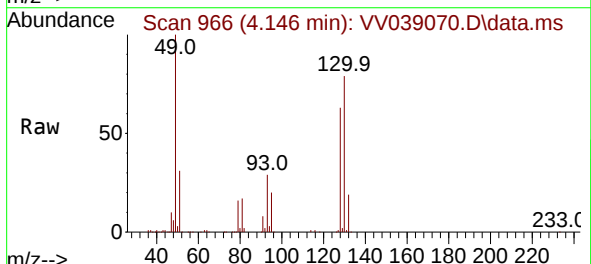
Ion	Ratio	Lower	Upper
96	100		
61	122.4	85.4	158.6
98	63.0	46.6	86.6

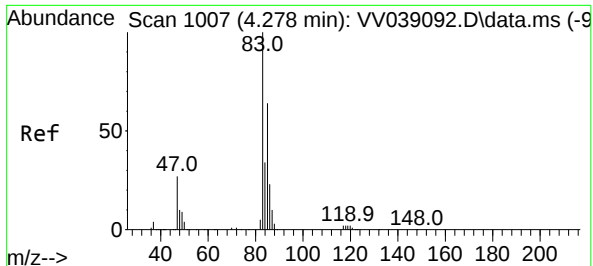


#23
 Bromochloromethane
 Concen: 18.618 ug/L
 RT: 4.146 min Scan# 966
 Delta R.T. -0.009 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

Tgt Ion: 128 Resp: 329916

Ion	Ratio	Lower	Upper
128	100		
49	159.5	115.3	214.1
130	126.1	93.2	173.0
51	49.8	41.0	61.6

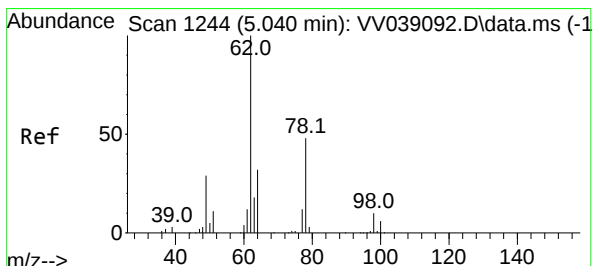
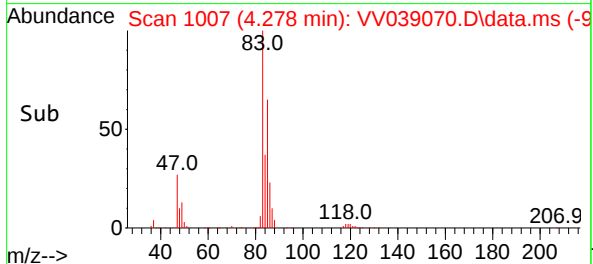
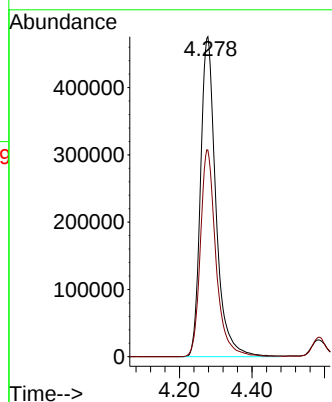
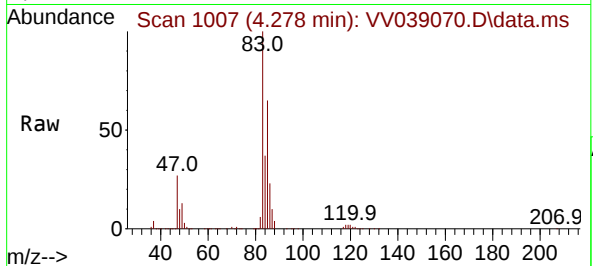




#25
Chloroform
Concen: 17.803 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

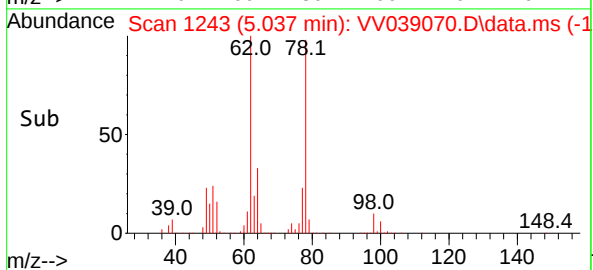
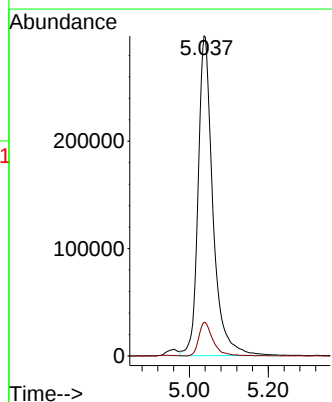
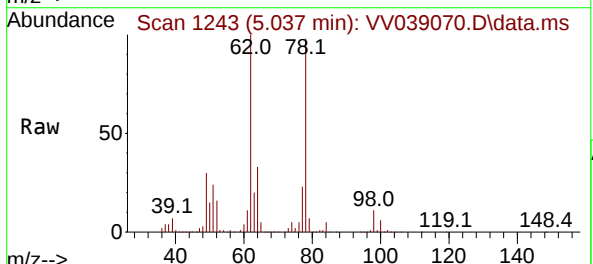
Instrument :
MSVOA_V
ClientSampleId :
VSTD020257

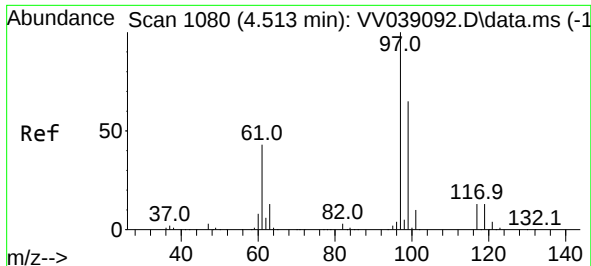
Tgt Ion: 83 Resp: 1401071
Ion Ratio Lower Upper
83 100
85 64.5 45.3 84.1



#27
1,2-Dichloroethane
Concen: 19.384 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

Tgt Ion: 62 Resp: 771202
Ion Ratio Lower Upper
62 100
98 10.5 8.6 12.8





#29

1,1,1-Trichloroethane

Concen: 17.841 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.003 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

Instrument :

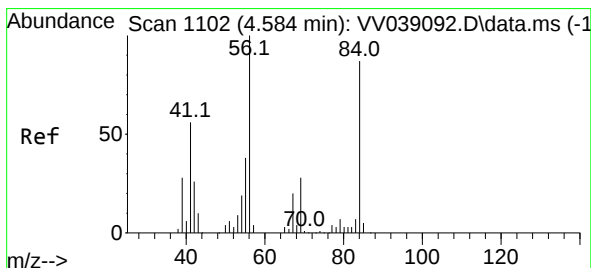
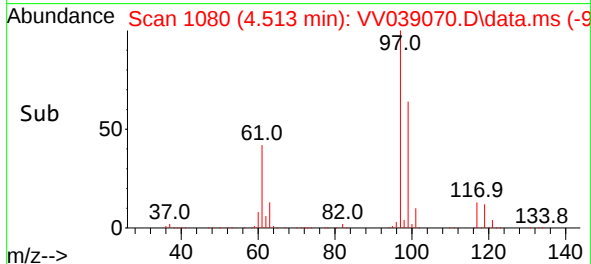
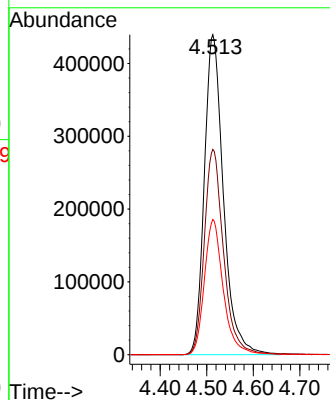
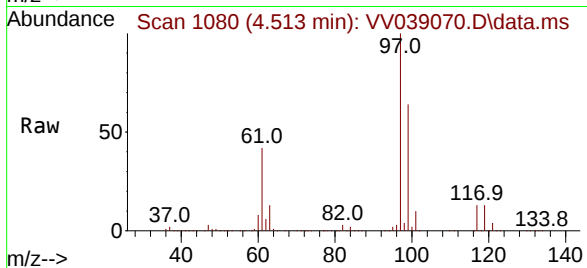
MSVOA_V

ClientSampleId :

VSTD020257

Tgt Ion: 97 Resp: 1253500

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.1	76.7
61	41.7	32.9	49.3



#30

Cyclohexane

Concen: 21.841 ug/L

RT: 4.584 min Scan# 1102

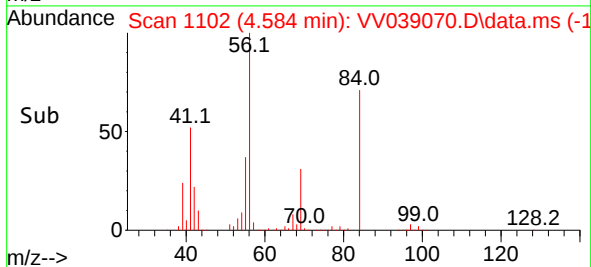
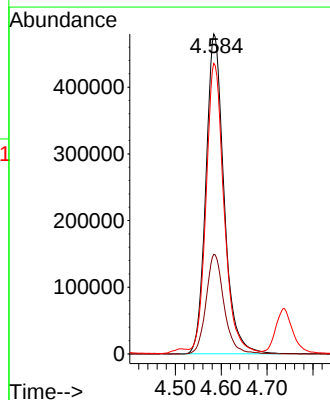
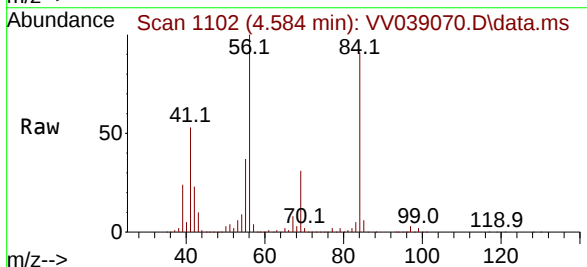
Delta R.T. -0.003 min

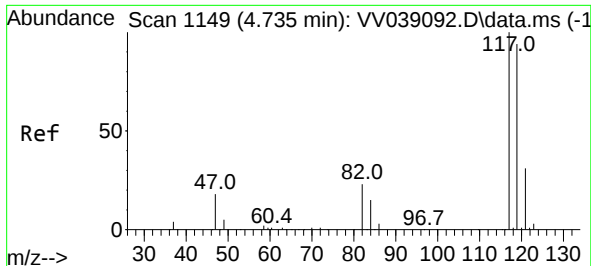
Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

Tgt Ion: 56 Resp: 1316735

Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.0	37.6
84	90.0	71.3	106.9

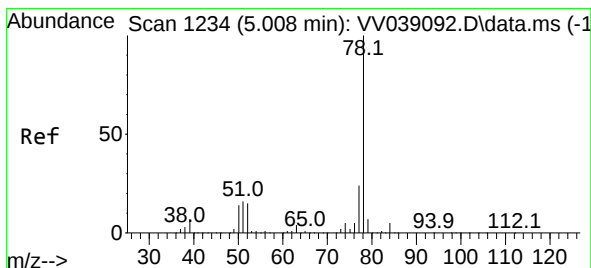
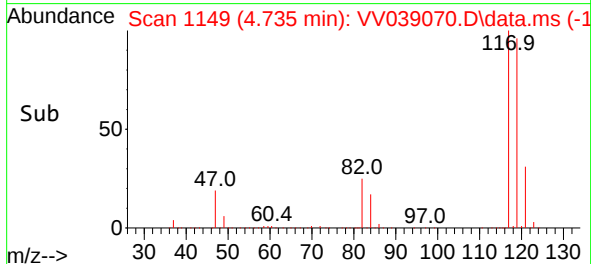
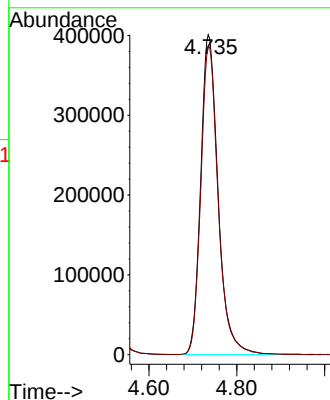
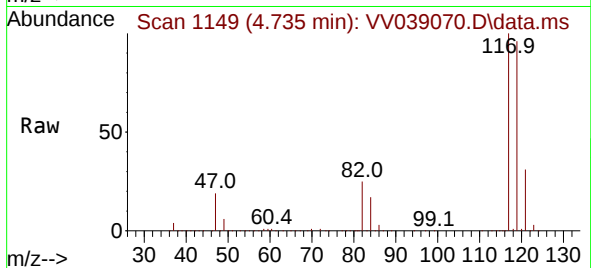




#31
Carbon tetrachloride
Concen: 18.130 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

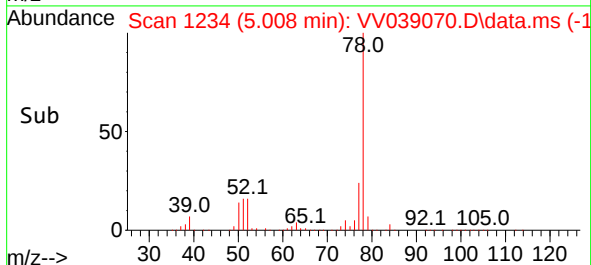
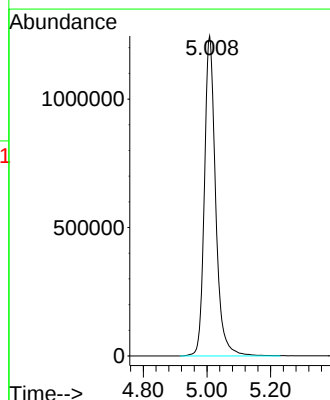
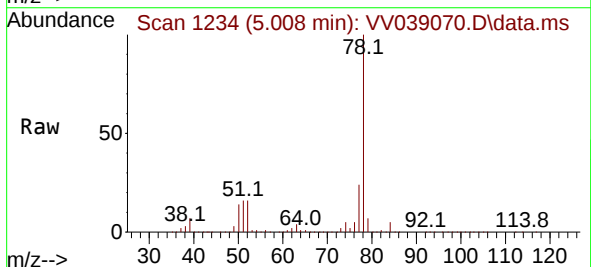
Instrument :
MSVOA_V
ClientSampleId :
VSTD020257

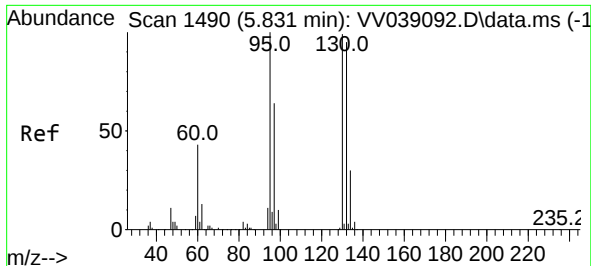
Tgt Ion:117 Resp: 1102369
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.2



#33
Benzene
Concen: 19.685 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

Tgt Ion: 78 Resp: 3056362

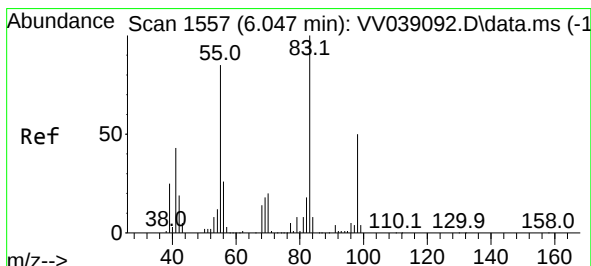
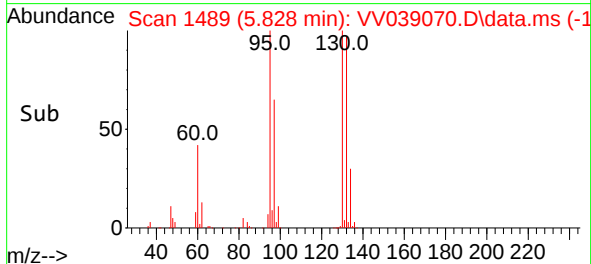
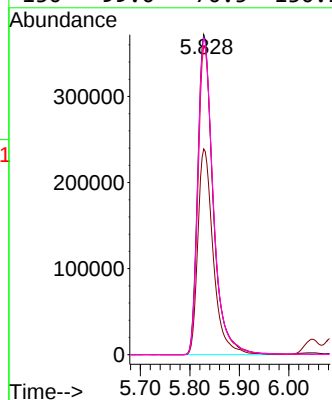
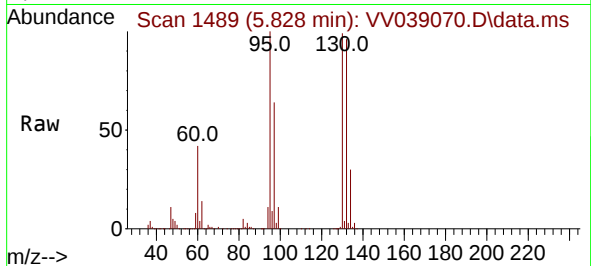




#34
 Trichloroethene
 Concen: 19.348 ug/L
 RT: 5.828 min Scan# 1489
 Delta R.T. -0.003 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

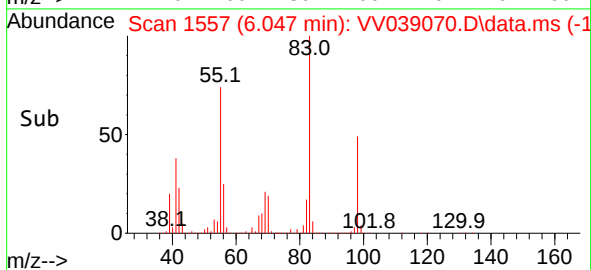
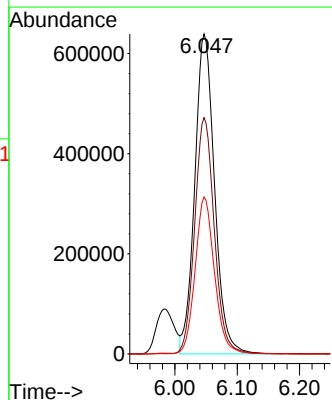
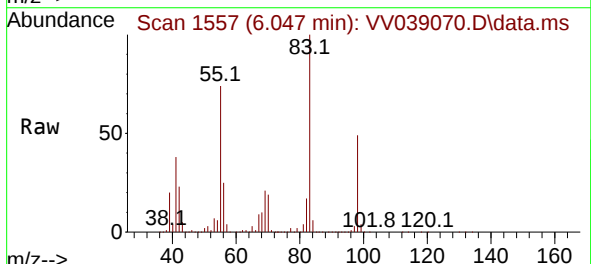
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020257

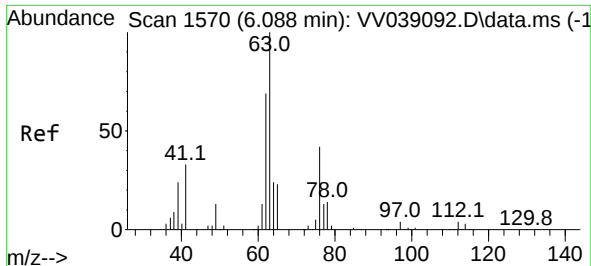
Tgt Ion: 95 Resp: 808150
 Ion Ratio Lower Upper
 95 100
 97 64.3 43.3 80.5
 132 96.4 65.5 121.7
 130 99.0 70.5 130.9



#35
 Methylcyclohexane
 Concen: 21.957 ug/L
 RT: 6.047 min Scan# 1557
 Delta R.T. 0.000 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

Tgt Ion: 83 Resp: 1407735
 Ion Ratio Lower Upper
 83 100
 55 73.1 61.4 92.2
 98 47.8 38.2 57.4





#37

1,2-Dichloropropane

Concen: 19.950 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

Instrument :

MSVOA_V

ClientSampleId :

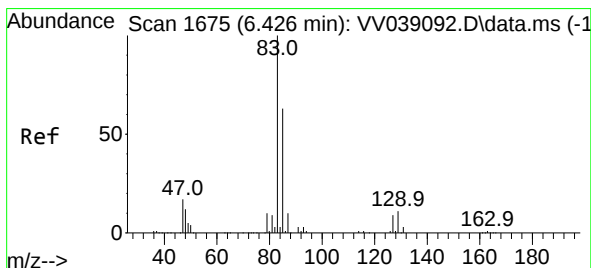
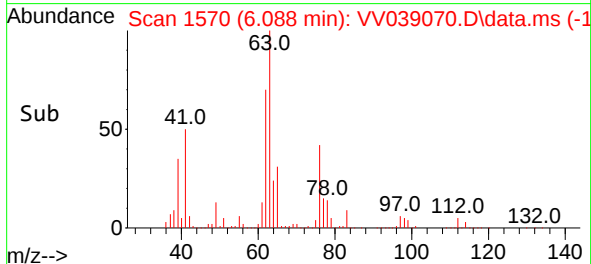
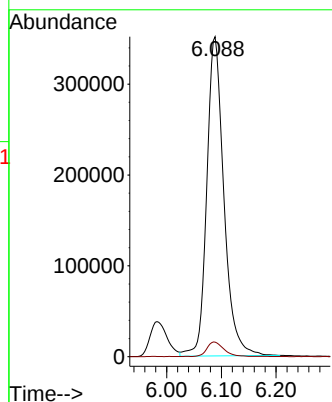
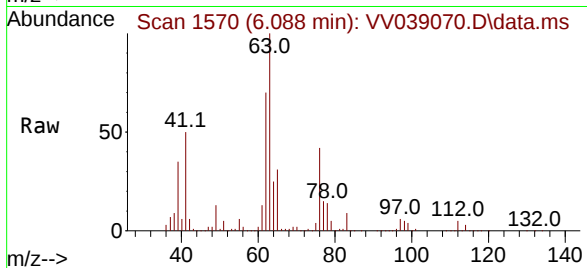
VSTD020257

Tgt Ion: 63 Resp: 763301

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 18.479 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

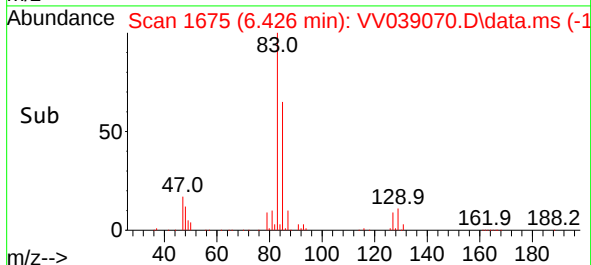
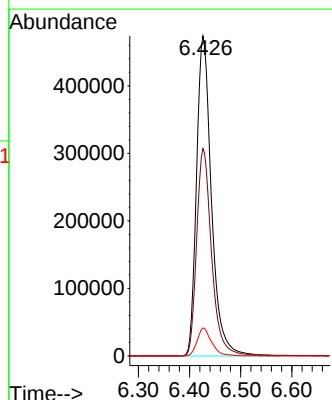
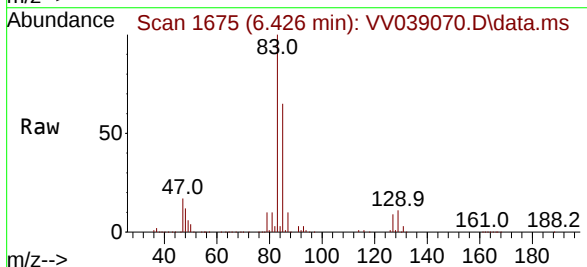
Tgt Ion: 83 Resp: 962756

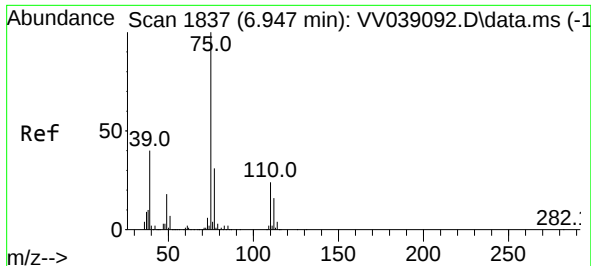
Ion Ratio Lower Upper

83 100

85 64.8 45.8 85.2

127 8.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 22.523 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

Instrument :

MSVOA_V

ClientSampleId :

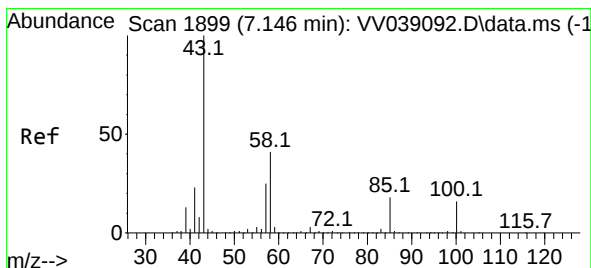
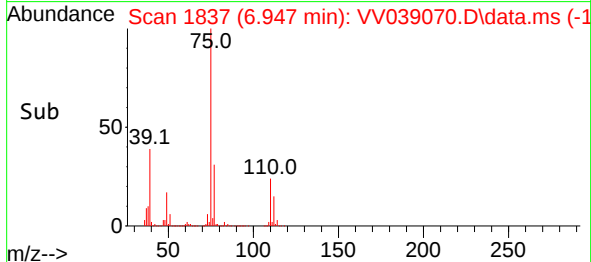
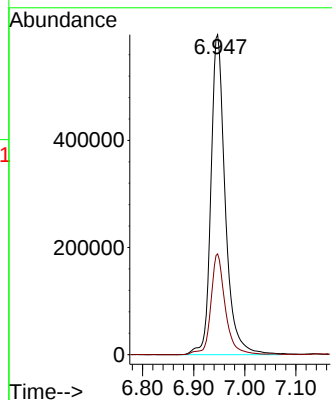
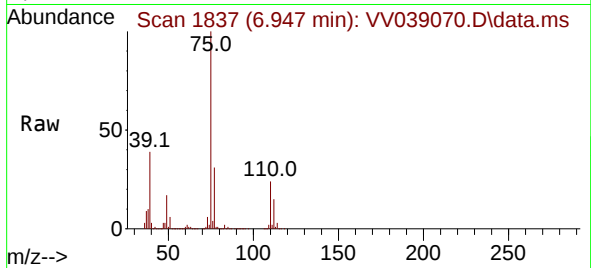
VSTD020257

Tgt Ion: 75 Resp: 1166171

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 226.001 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. -0.003 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

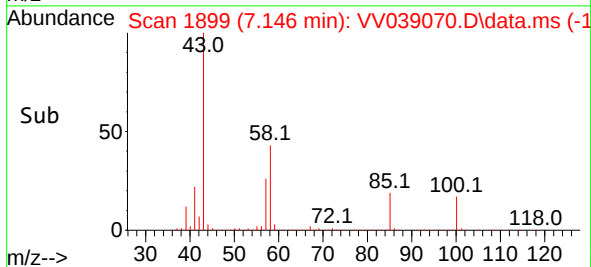
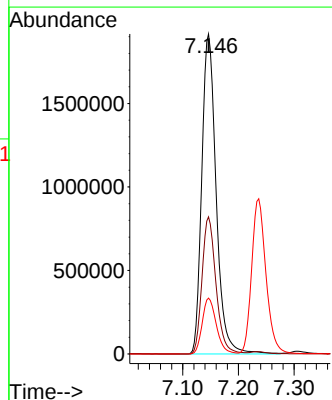
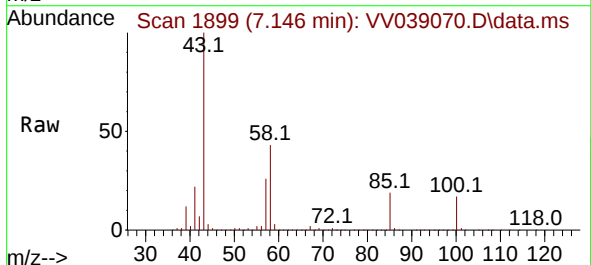
Tgt Ion: 43 Resp: 3440195

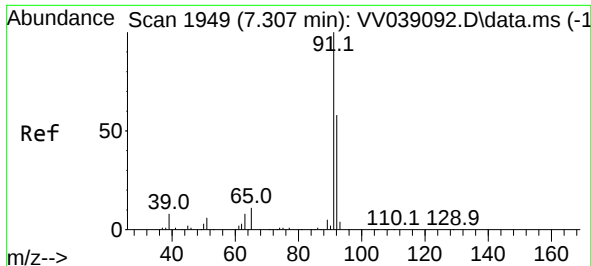
Ion Ratio Lower Upper

43 100

58 41.6 31.7 47.5

100 17.1 13.0 19.4

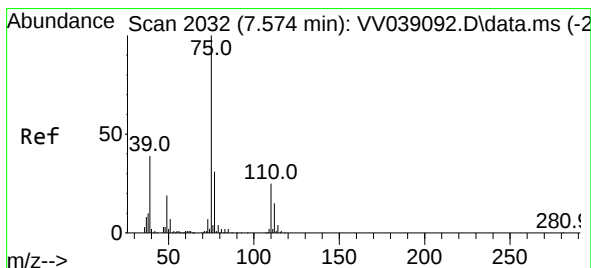
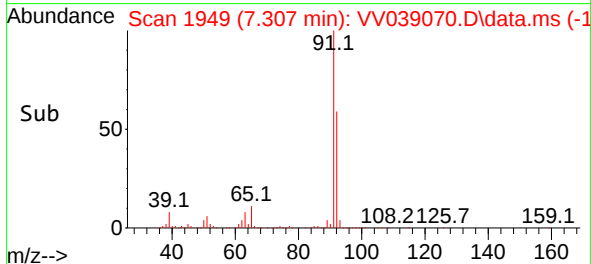
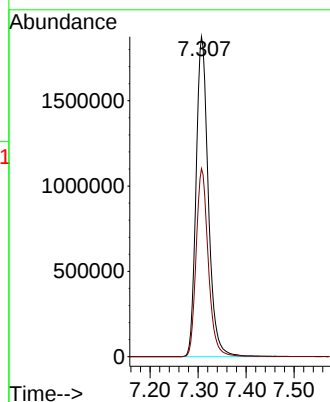
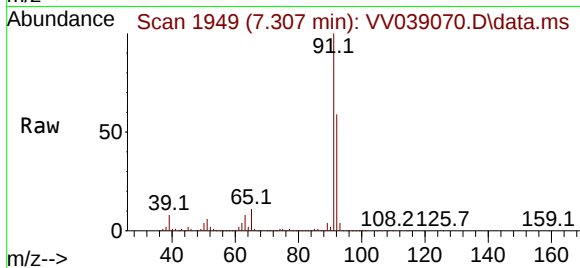




#42
Toluene
Concen: 20.434 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

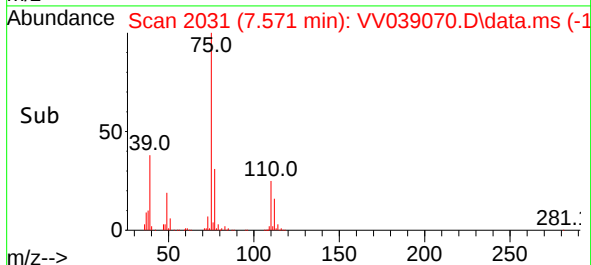
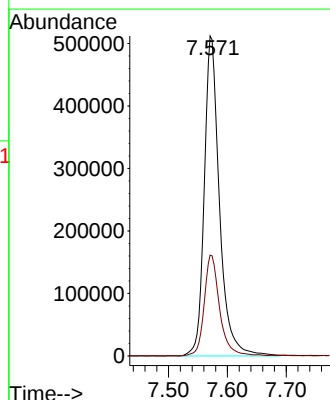
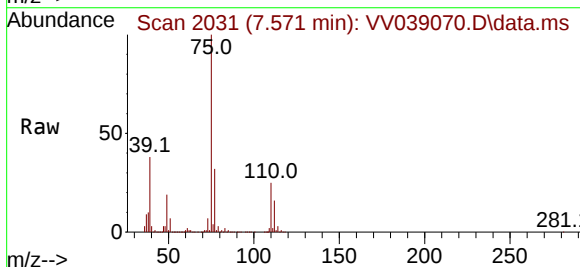
Instrument : MSVOA_V
ClientSampleId : VSTD020257

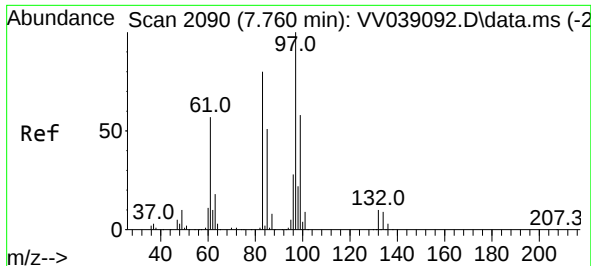
Tgt Ion: 91 Resp: 3320064
Ion Ratio Lower Upper
91 100
92 58.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 21.036 ug/L
RT: 7.571 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

Tgt Ion: 75 Resp: 918916
Ion Ratio Lower Upper
75 100
77 31.5 21.9 40.7

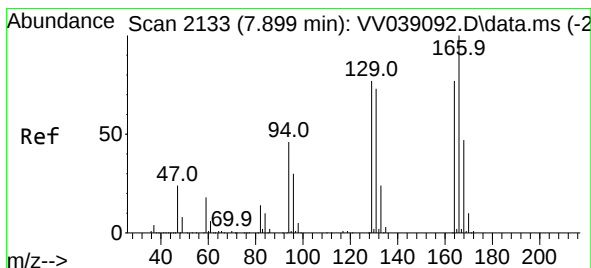
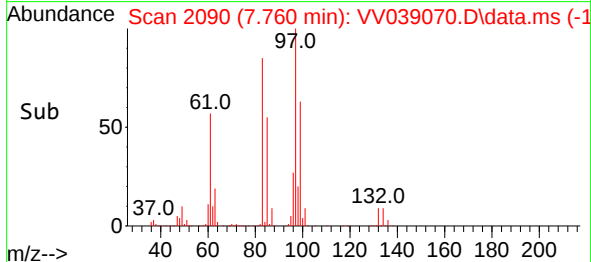
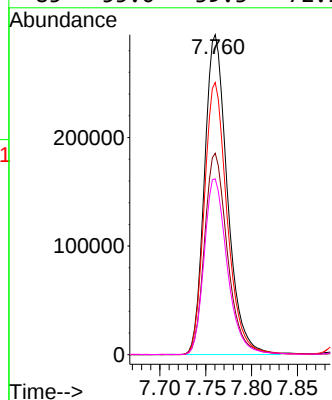
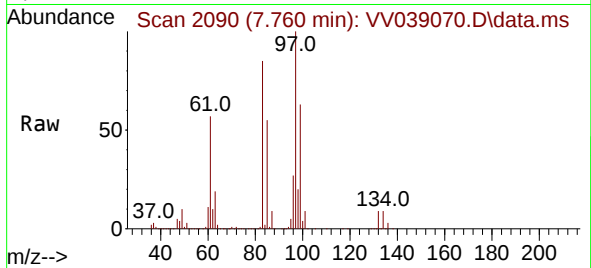




#45
1,1,2-Trichloroethane
Concen: 18.675 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

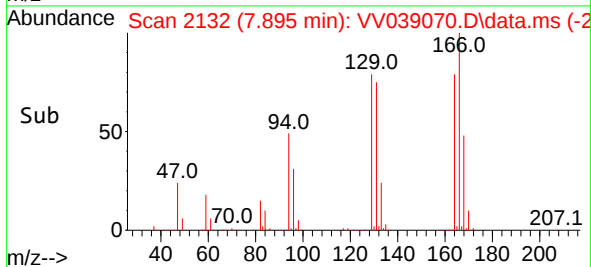
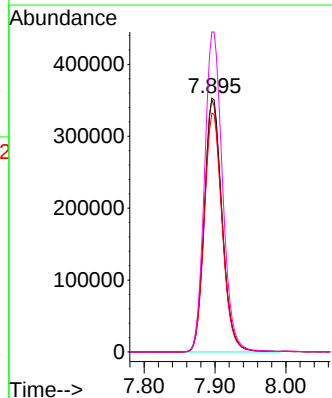
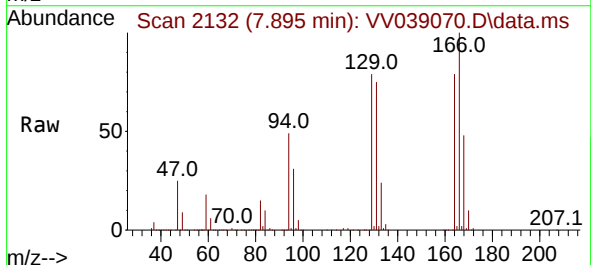
Instrument :
MSVOA_V
ClientSampleId :
VSTD020257

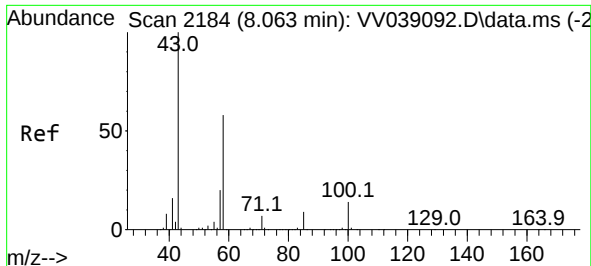
Tgt Ion: 97	Resp: 512224
Ion Ratio	Lower Upper
97 100	
99 62.9	43.3 80.3
83 85.0	61.7 114.7
85 55.0	39.3 72.9



#47
Tetrachloroethene
Concen: 19.056 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

Tgt	Ion:164	Resp:	614638
Ion	Ratio	Lower	Upper
164	100		
129	99.3	68.0	126.4
131	94.0	65.4	121.4
166	126.0	86.7	161.1



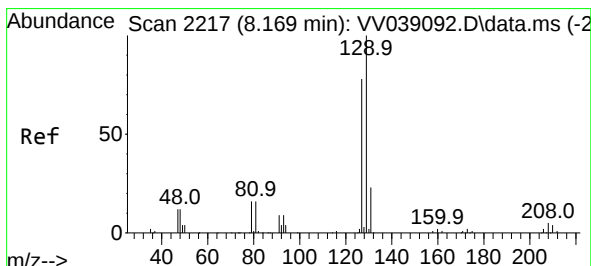
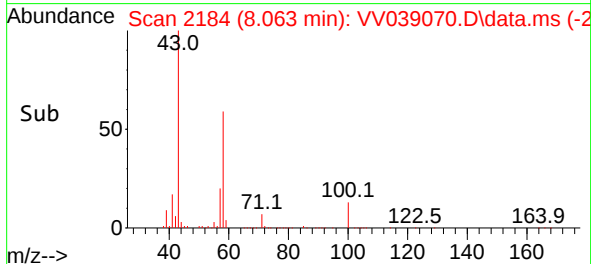
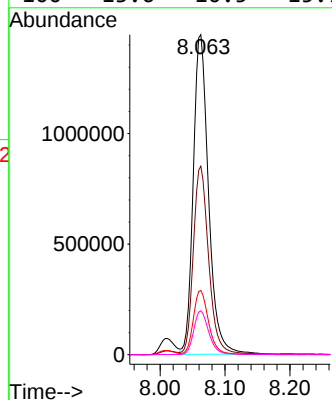
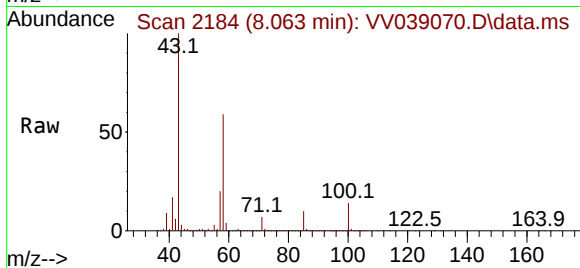


#48
2-Hexanone
Concen: 236.437 ug/L
RT: 8.063 min Scan# 2184
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD020257

Tgt Ion: 43 Resp: 2373842

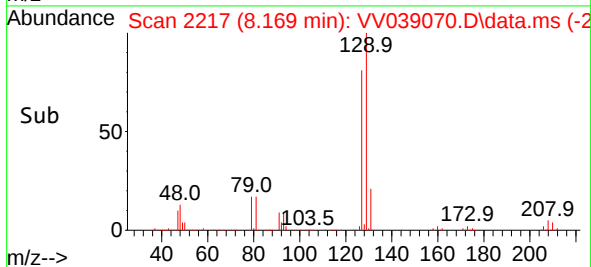
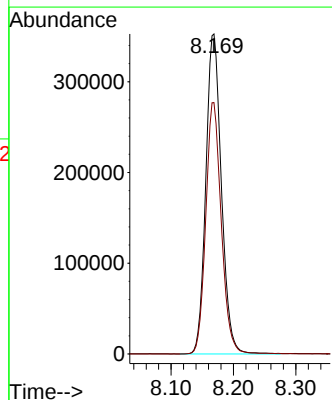
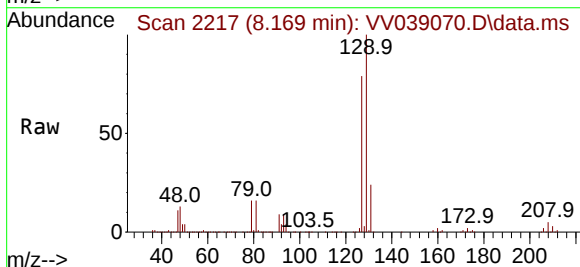
Ion	Ratio	Lower	Upper
43	100		
58	59.2	45.6	68.4
57	19.9	15.6	23.4
100	13.6	10.5	15.7

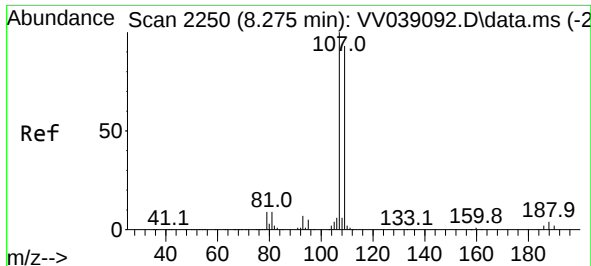


#49
Dibromochloromethane
Concen: 18.616 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

Tgt Ion: 129 Resp: 612020

Ion	Ratio	Lower	Upper
129	100		
127	78.5	56.7	105.3





#50

1,2-Dibromoethane

Concen: 19.282 ug/L

RT: 8.272 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD020257

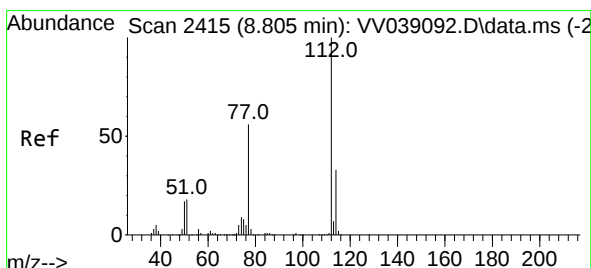
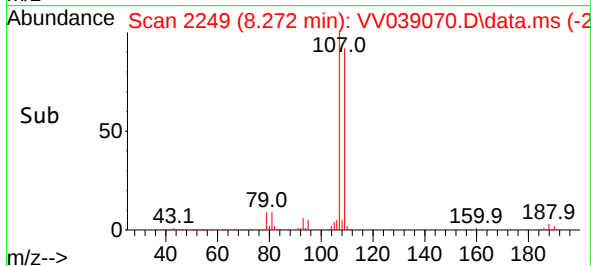
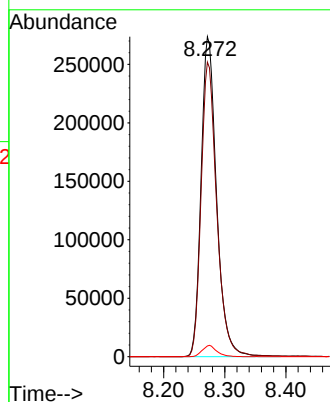
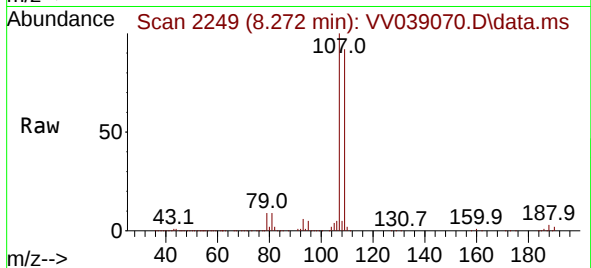
Tgt Ion:107 Resp: 481183

Ion Ratio Lower Upper

107 100

109 92.1 67.1 124.7

188 3.4 2.5 3.7



#51

Chlorobenzene

Concen: 19.323 ug/L

RT: 8.802 min Scan# 2414

Delta R.T. -0.003 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

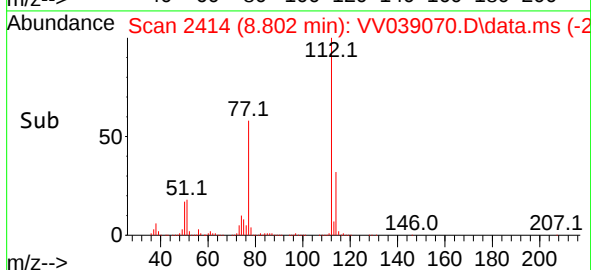
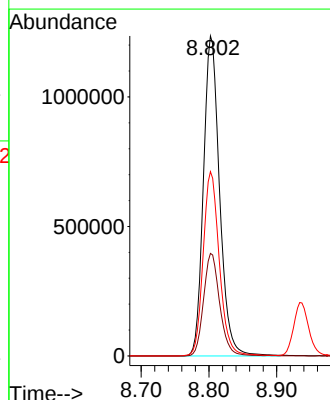
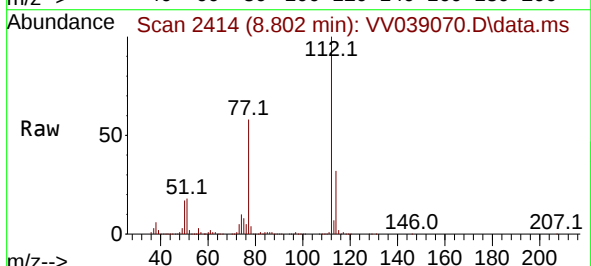
Tgt Ion:112 Resp: 2047934

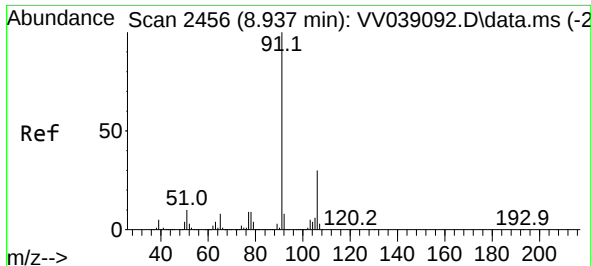
Ion Ratio Lower Upper

112 100

114 32.1 23.0 42.6

77 57.6 46.6 69.8





#52

Ethylbenzene

Concen: 21.767 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

Instrument :

MSVOA_V

ClientSampleId :

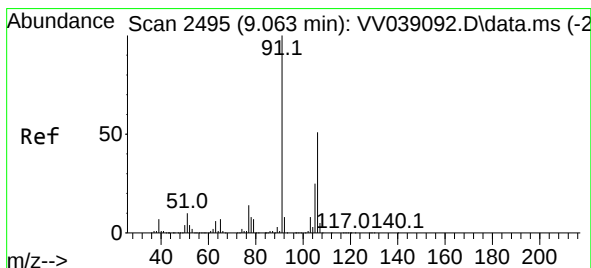
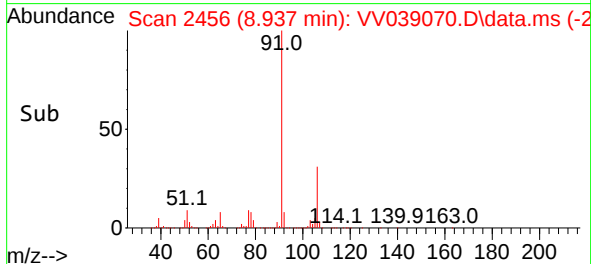
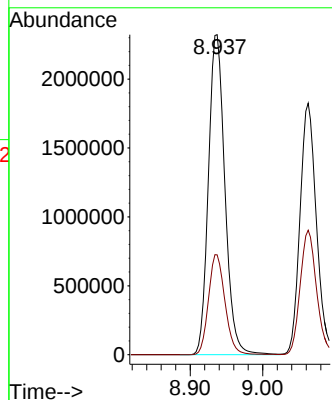
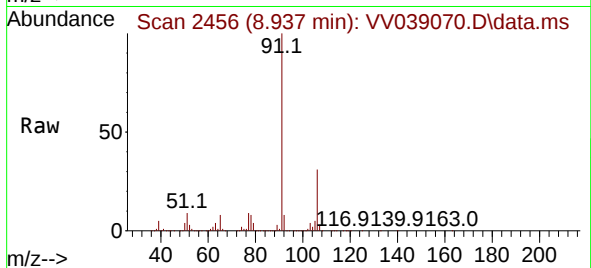
VSTD020257

Tgt Ion: 91 Resp: 3668808

Ion Ratio Lower Upper

91 100

106 31.2 20.8 38.6



#53

m,p-Xylene

Concen: 21.861 ug/L

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV039070.D

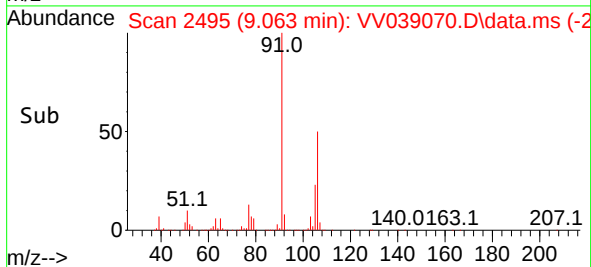
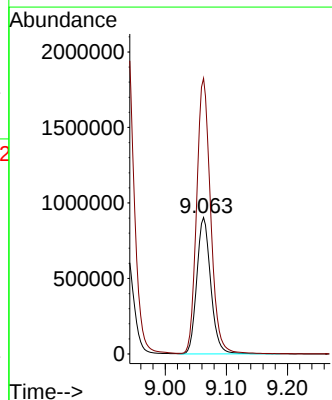
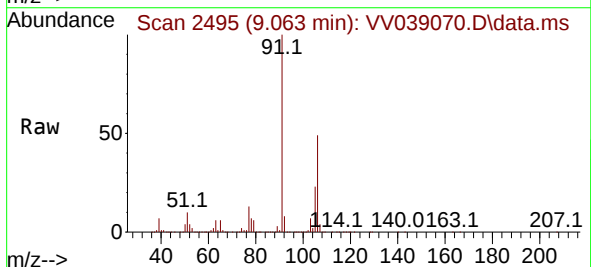
Acq: 15 Sep 2025 11:03

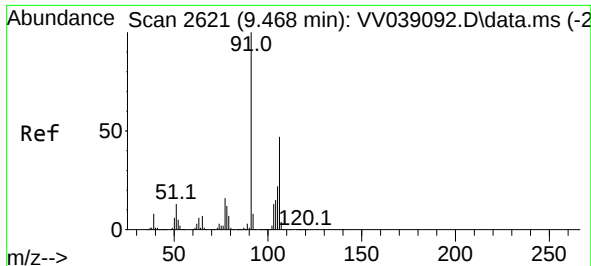
Tgt Ion: 106 Resp: 1428935

Ion Ratio Lower Upper

106 100

91 202.0 140.1 260.3

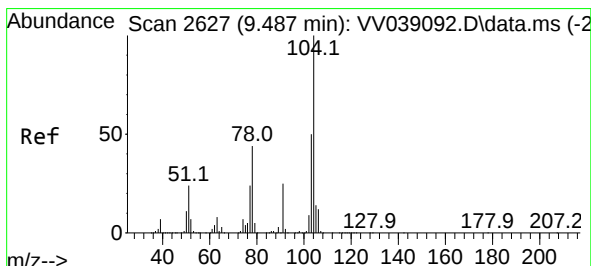
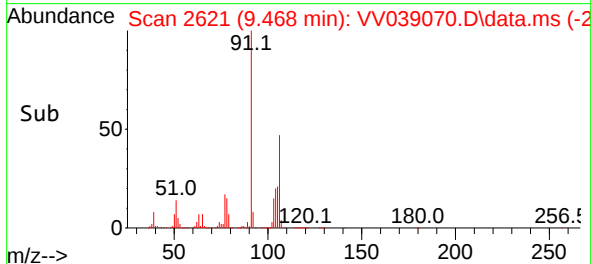
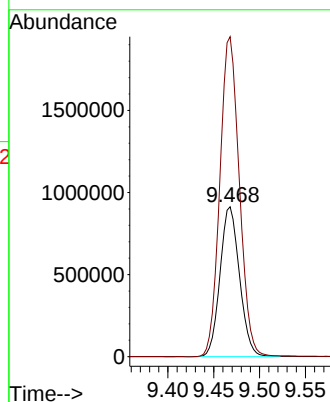
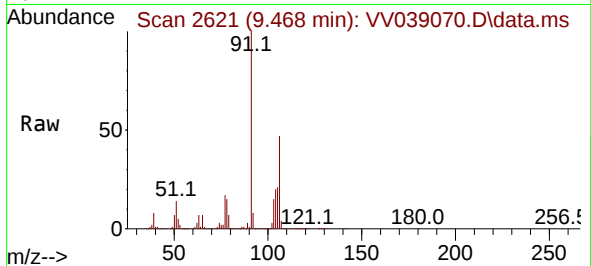




#54
o-Xylene
Concen: 22.773 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

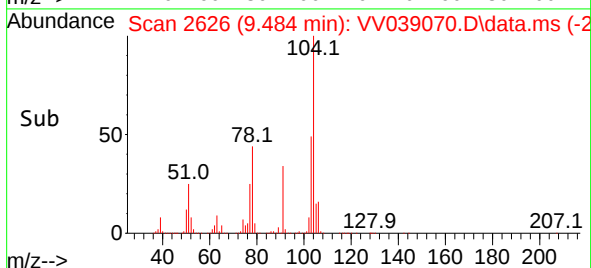
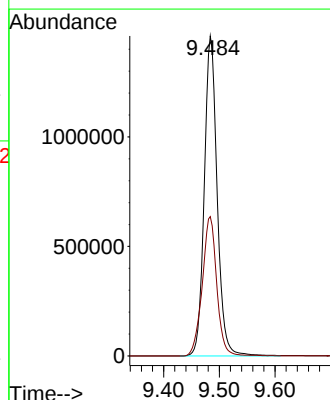
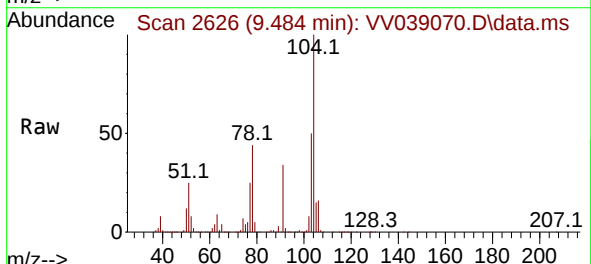
Instrument :
MSVOA_V
ClientSampleId :
VSTD020257

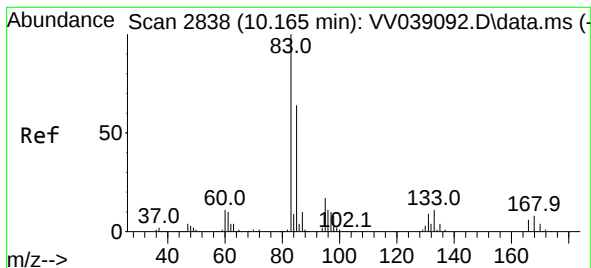
Tgt Ion:106 Resp: 1347214
Ion Ratio Lower Upper
106 100
91 213.3 150.7 279.9



#55
Styrene
Concen: 22.831 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

Tgt Ion:104 Resp: 2351092
Ion Ratio Lower Upper
104 100
78 43.6 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 17.991 ug/L

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD020257

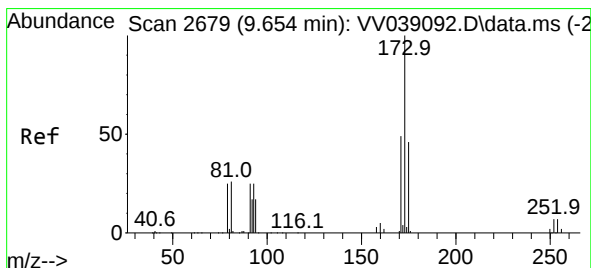
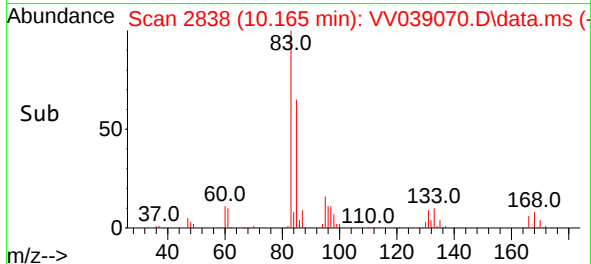
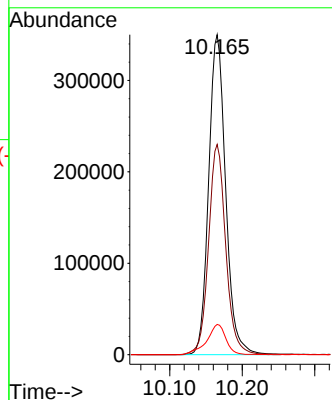
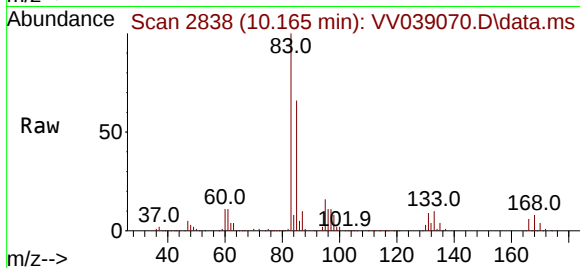
Tgt Ion: 83 Resp: 569330

Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.4

131 9.4 7.2 10.8



#59

Bromoform

Concen: 17.900 ug/L

RT: 9.654 min Scan# 2679

Delta R.T. -0.003 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

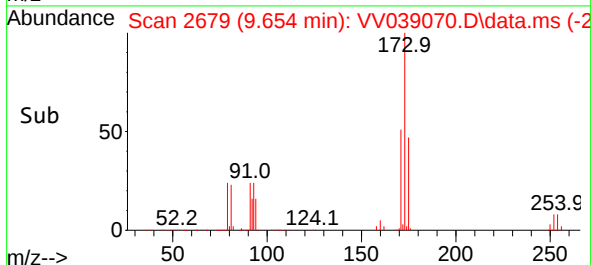
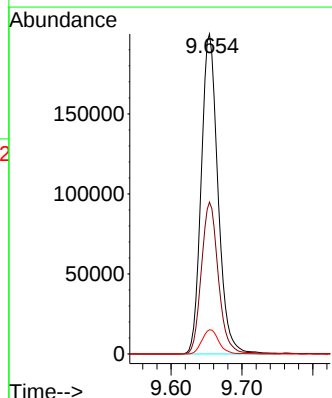
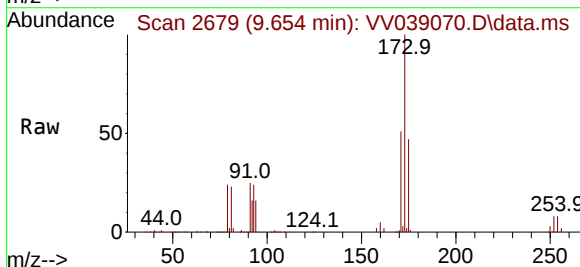
Tgt Ion: 173 Resp: 328302

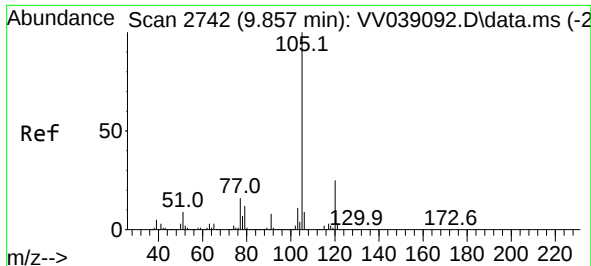
Ion Ratio Lower Upper

173 100

175 48.0 38.8 58.2

254 7.6 6.8 10.2

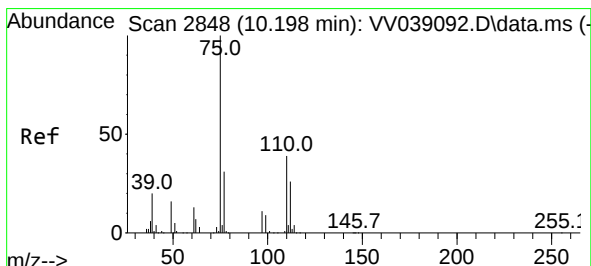
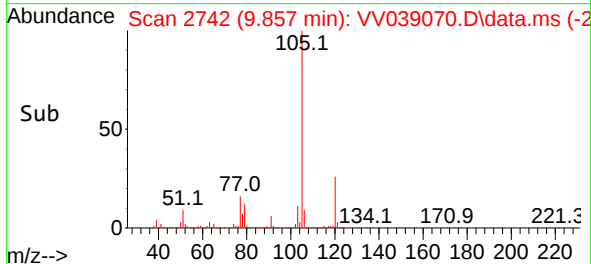
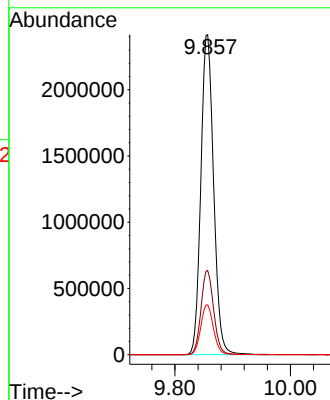
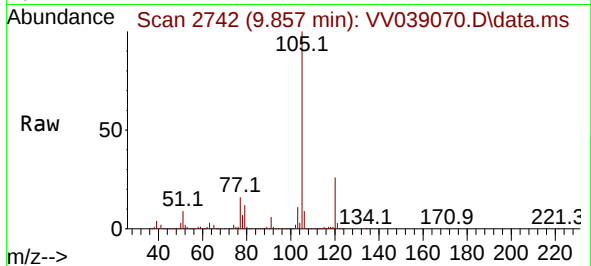




#60
Isopropylbenzene
Concen: 20.731 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

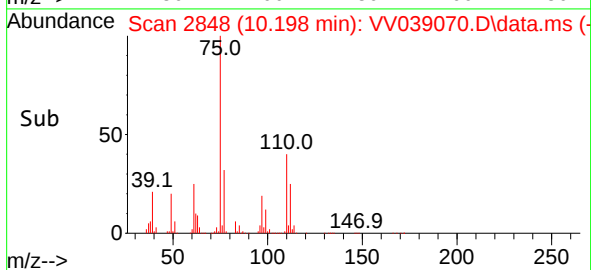
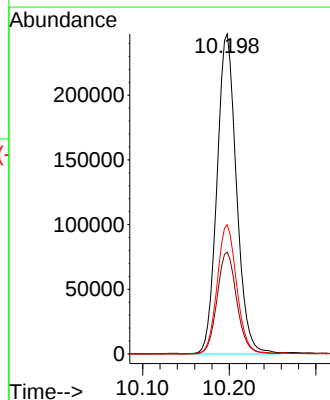
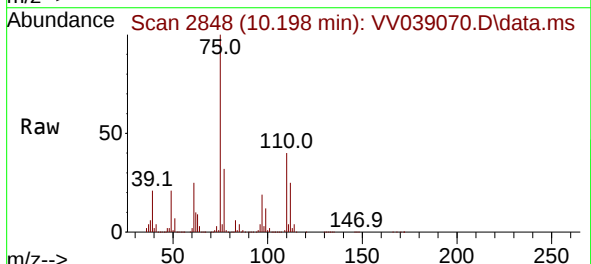
Instrument :
MSVOA_V
ClientSampleId :
VSTD020257

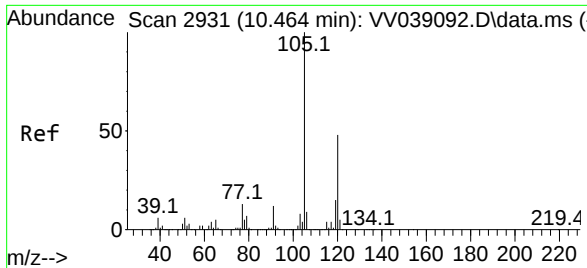
Tgt Ion:105 Resp: 3698677
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 16.519 ug/L
RT: 10.198 min Scan# 2848
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

Tgt Ion: 75 Resp: 386952
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7
110 40.5 31.0 46.4

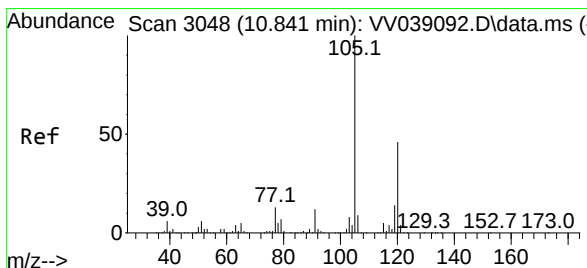
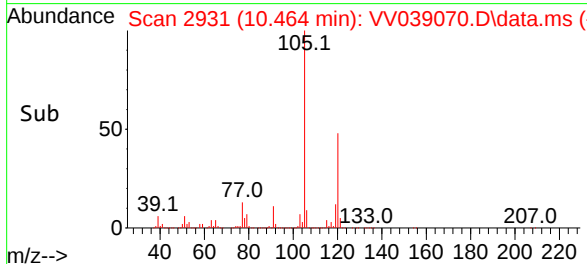
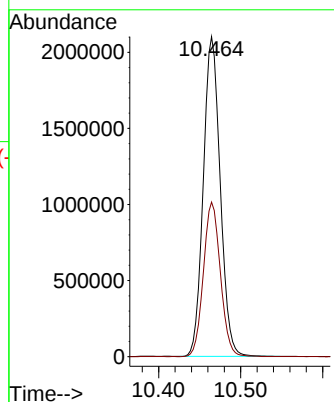
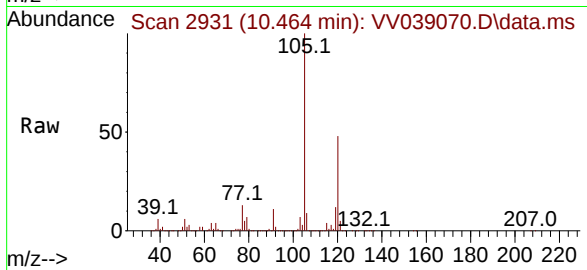




#62
 1,3,5-Trimethylbenzene
 Concen: 22.171 ug/L
 RT: 10.464 min Scan# 2931
 Delta R.T. 0.000 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

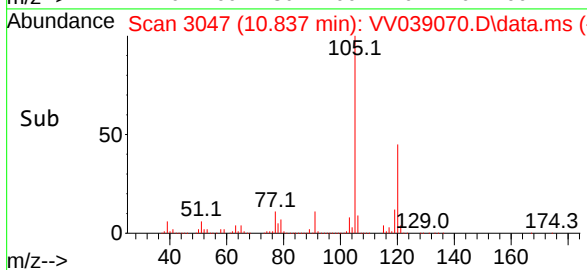
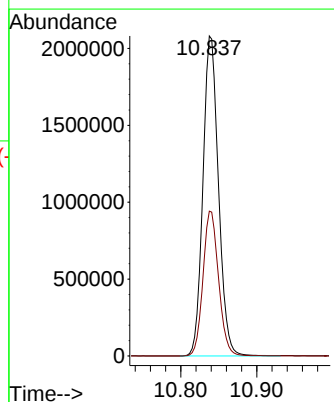
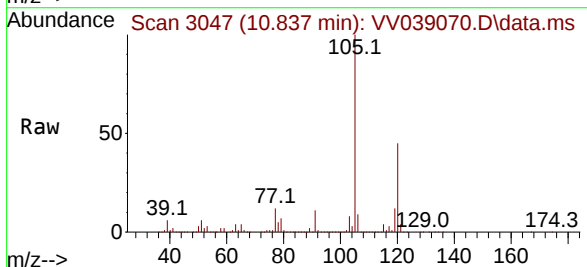
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020257

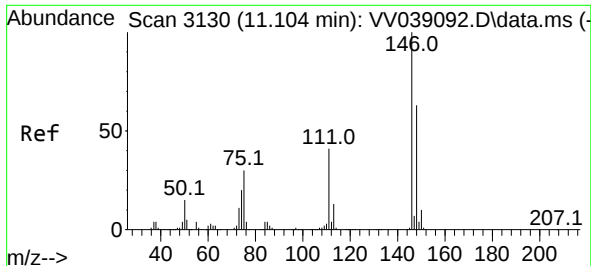
Tgt Ion:105 Resp: 3009230
 Ion Ratio Lower Upper
 105 100
 120 48.5 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 22.409 ug/L
 RT: 10.837 min Scan# 3047
 Delta R.T. -0.003 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

Tgt Ion:105 Resp: 2951440
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.6 54.8

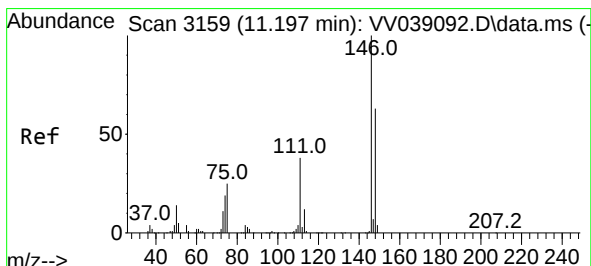
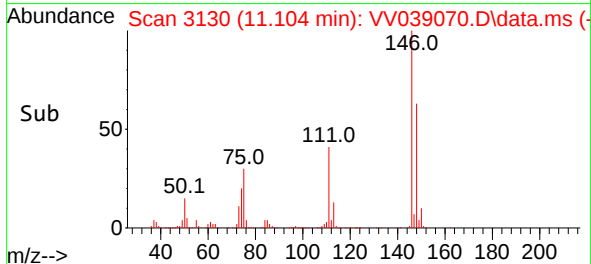
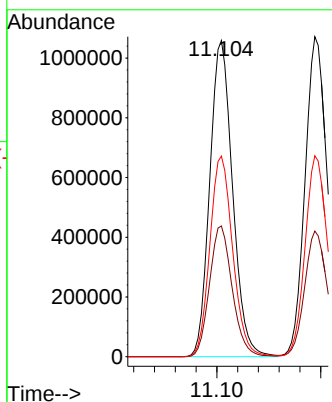
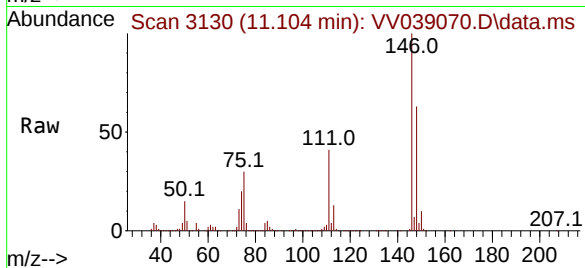




#64
 1,3-Dichlorobenzene
 Concen: 18.920 ug/L
 RT: 11.104 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

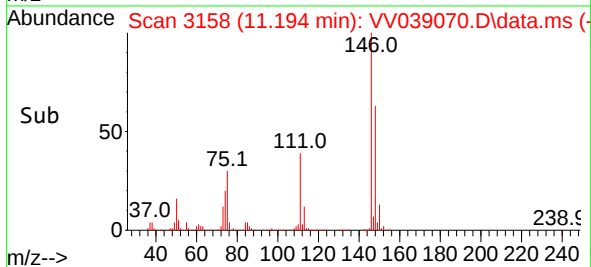
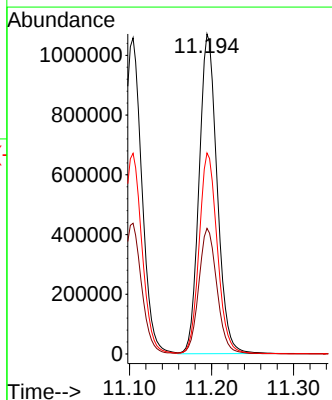
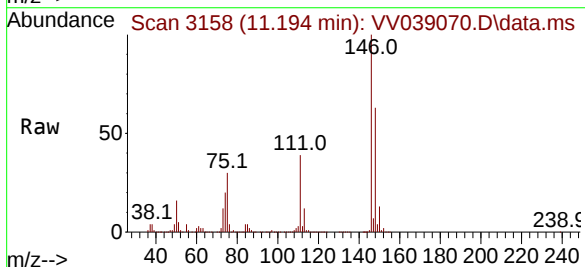
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020257

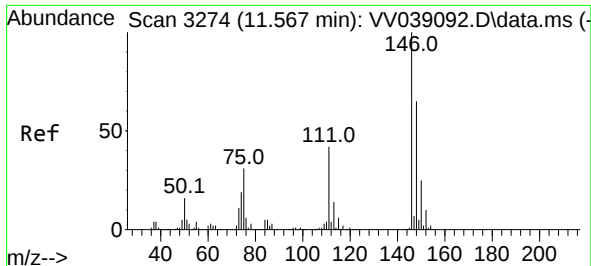
Tgt Ion:146 Resp: 1614353
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.3 52.7
 148 63.5 42.9 79.7



#65
 1,4-Dichlorobenzene
 Concen: 18.613 ug/L
 RT: 11.194 min Scan# 3158
 Delta R.T. -0.003 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

Tgt Ion:146 Resp: 1636479
 Ion Ratio Lower Upper
 146 100
 111 39.2 27.2 50.6
 148 62.8 43.8 81.4

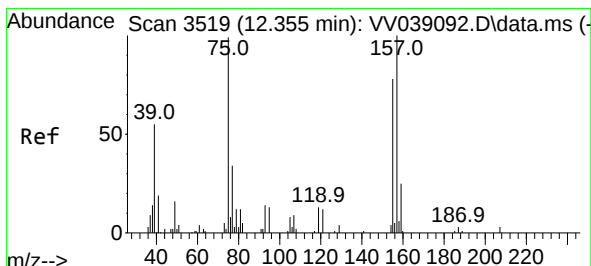
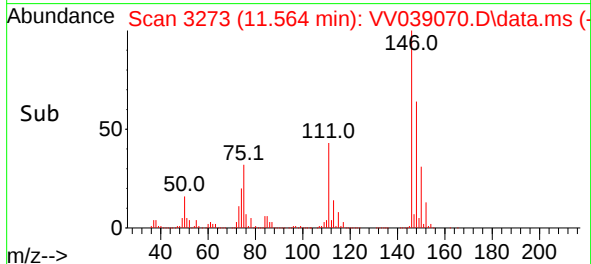
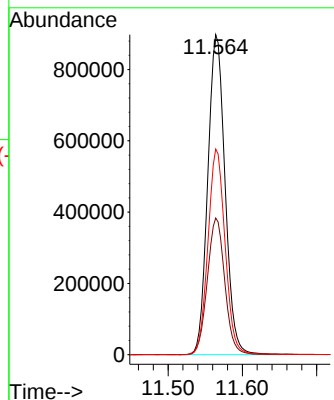
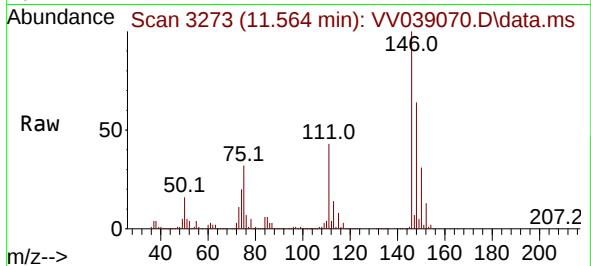




#67
1,2-Dichlorobenzene
Concen: 19.020 ug/L
RT: 11.564 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

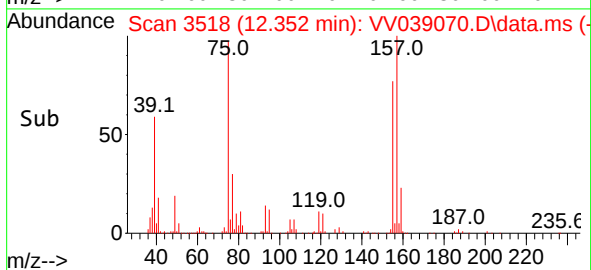
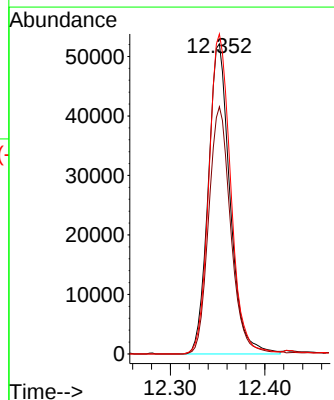
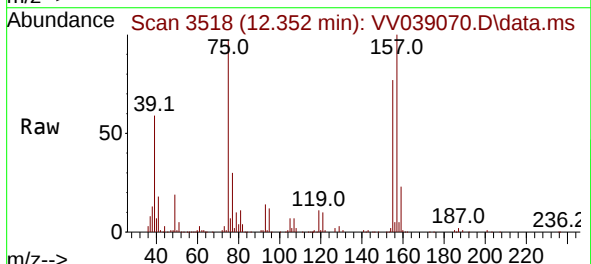
Instrument :
MSVOA_V
ClientSampleId :
VSTD020257

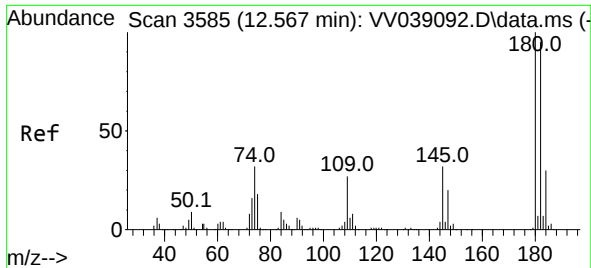
Tgt Ion:146 Resp: 1445743
Ion Ratio Lower Upper
146 100
111 42.7 33.4 50.2
148 64.3 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 16.812 ug/L
RT: 12.352 min Scan# 3518
Delta R.T. -0.003 min
Lab File: VV039070.D
Acq: 15 Sep 2025 11:03

Tgt Ion: 75 Resp: 83452
Ion Ratio Lower Upper
75 100
155 79.7 59.4 89.0
157 103.2 76.2 114.2

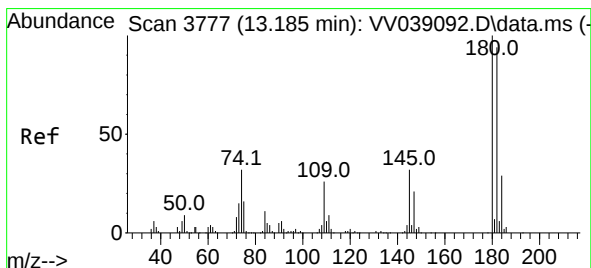
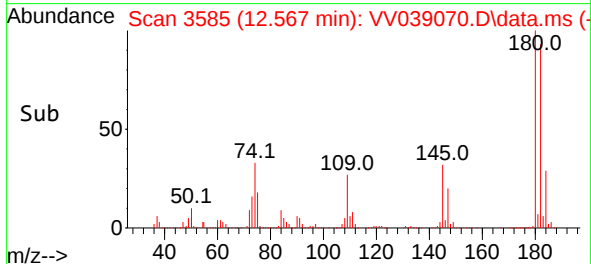
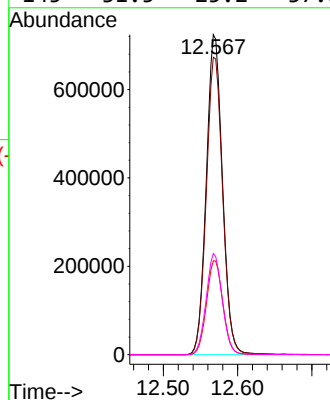
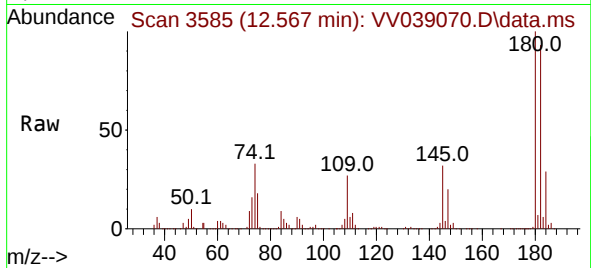




#69
 1,3,5-Trichlorobenzene
 Concen: 20.169 ug/L
 RT: 12.567 min Scan# 3585
 Delta R.T. -0.003 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

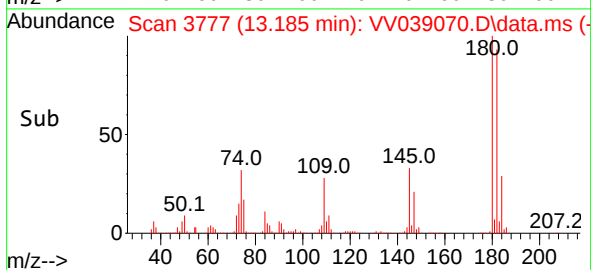
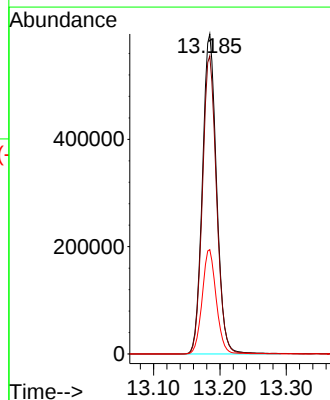
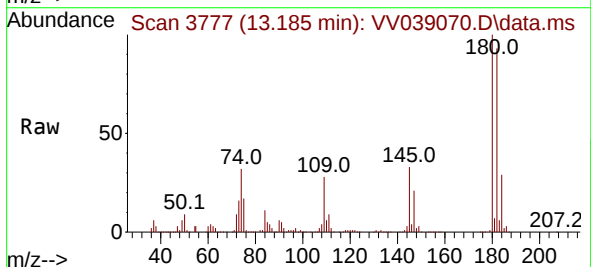
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020257

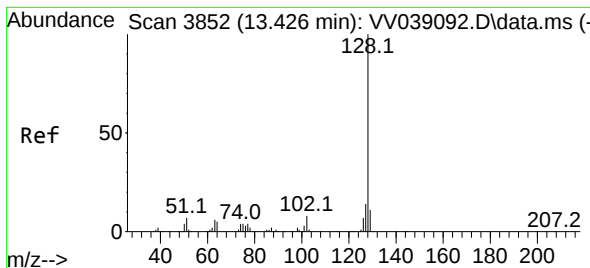
Tgt Ion:180 Resp: 1094963
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.3 114.5
 184 29.8 24.0 36.0
 145 31.5 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 21.158 ug/L
 RT: 13.185 min Scan# 3777
 Delta R.T. -0.003 min
 Lab File: VV039070.D
 Acq: 15 Sep 2025 11:03

Tgt Ion:180 Resp: 883364
 Ion Ratio Lower Upper
 180 100
 182 93.4 73.2 109.8
 145 32.4 25.0 37.4





#71

Naphthalene

Concen: 23.682 ug/L

RT: 13.423 min Scan# 3851

Delta R.T. -0.003 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD020257

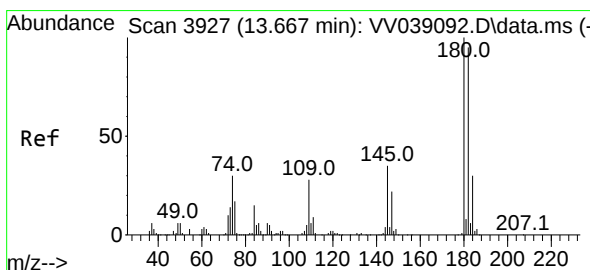
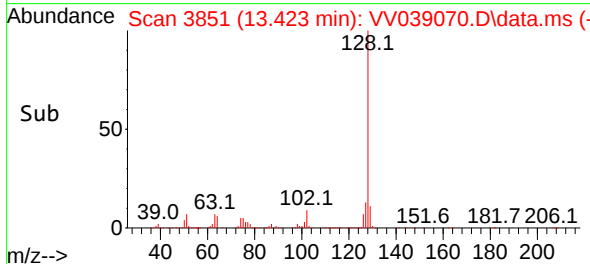
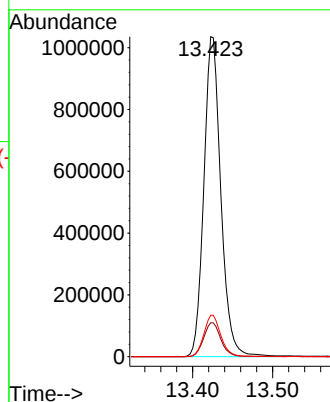
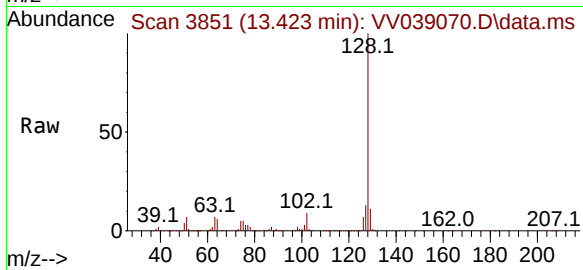
Tgt Ion:128 Resp: 1531243

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.0 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 20.570 ug/L

RT: 13.664 min Scan# 3926

Delta R.T. -0.003 min

Lab File: VV039070.D

Acq: 15 Sep 2025 11:03

Tgt Ion:180 Resp: 767635

Ion Ratio Lower Upper

180 100

182 94.3 76.6 115.0

145 33.9 27.4 41.2

