

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081125\
 Data File : VV038938.D
 Acq On : 11 Aug 2025 11:32
 Operator : SY/MD
 Sample : VV0811WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBS01

Quant Time: Aug 12 01:45:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 01:42:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	485479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	781411	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	754770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	434736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	357813	51.250	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 102.500%	
35) Dibromofluoromethane	4.500	113	289785	48.883	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 97.760%	
50) Toluene-d8	7.236	98	1020325	49.697	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	10.001	95	367984	49.767	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 99.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.117	85	65755	20.131	ug/l	98
3) Chloromethane	1.227	50	59893	19.218	ug/l	100
4) Vinyl Chloride	1.294	62	78422	20.478	ug/l	96
5) Bromomethane	1.494	94	61329	20.430	ug/l	95
6) Chloroethane	1.558	64	54627	19.832	ug/l	93
7) Trichlorofluoromethane	1.725	101	150220	19.808	ug/l	99
8) Diethyl Ether	1.918	74	57429	20.308	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	90651	18.712	ug/l	100
10) Methyl Iodide	2.195	142	85137	18.445	ug/l	96
11) Tert butyl alcohol	2.568	59	133085	112.707	ug/l	98
12) 1,1-Dichloroethene	2.082	96	80392	20.023	ug/l	99
13) Acrolein	2.008	56	81305	89.466	ug/l	99
14) Allyl chloride	2.359	41	101794	14.498	ug/l	98
15) Acrylonitrile	2.674	53	327754	105.137	ug/l	98
16) Acetone	2.117	43	216843	86.523	ug/l	99
17) Carbon Disulfide	2.249	76	98979	15.267	ug/l	98
18) Methyl Acetate	2.381	43	189474	21.085	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	340000	20.581	ug/l	99
20) Methylene Chloride	2.455	84	103019	17.864	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	81858	18.758	ug/l	99
22) Diisopropyl ether	3.217	45	302760	21.323	ug/l	91
23) Vinyl Acetate	3.191	43	1139486	108.035	ug/l	99
24) 1,1-Dichloroethane	3.117	63	181269	19.907	ug/l	98
25) 2-Butanone	3.870	43	364068	114.493	ug/l	96
26) 2,2-Dichloropropane	3.812	77	153630	19.041	ug/l	97
27) cis-1,2-Dichloroethene	3.821	96	104268	19.926	ug/l	99
28) Bromochloromethane	4.149	49	60213	19.685	ug/l	98
29) Tetrahydrofuran	4.239	42	235058	112.905	ug/l	98
30) Chloroform	4.281	83	202392	20.427	ug/l	95
31) Cyclohexane	4.584	56	110773	19.749	ug/l	95
32) 1,1,1-Trichloroethane	4.513	97	175392	20.582	ug/l	97
36) 1,1-Dichloropropene	4.744	75	99442	18.867	ug/l	97
37) Ethyl Acetate	3.982	43	130665	18.712	ug/l	96
38) Carbon Tetrachloride	4.738	117	141201	20.282	ug/l	96
39) Methylcyclohexane	6.046	83	105178	18.386	ug/l	96
40) Benzene	5.011	78	362669	20.809	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	57437	20.339	ug/l	92
42) 1,2-Dichloroethane	5.043	62	131170	19.411	ug/l	98
43) Isopropyl Acetate	5.198	43	201255	20.745	ug/l	99
44) Trichloroethene	5.834	130	93184	20.063	ug/l	96
45) 1,2-Dichloropropane	6.095	63	99036	20.390	ug/l	96
46) Dibromomethane	6.230	93	77132	21.453	ug/l	100
47) Bromodichloromethane	6.429	83	161528	20.221	ug/l	98
48) Methyl methacrylate	6.300	41	88130	20.515	ug/l	99
49) 1,4-Dioxane	6.291	88	37375	417.427	ug/l	95
51) 4-Methyl-2-Pentanone	7.149	43	780532	116.148	ug/l	98
52) Toluene	7.310	92	234466	21.353	ug/l	97
53) t-1,3-Dichloropropene	7.577	75	147731	21.140	ug/l	99
54) cis-1,3-Dichloropropene	6.953	75	156992	20.578	ug/l	99
55) 1,1,2-Trichloroethane	7.763	97	116723	21.722	ug/l	97
56) Ethyl methacrylate	7.718	69	139029	22.087	ug/l	99
57) 1,3-Dichloropropane	7.937	76	172638	21.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	316451	100.366	ug/l	100
59) 2-Hexanone	8.066	43	564689	116.414	ug/l	99
60) Dibromochloromethane	8.169	129	136076	20.681	ug/l	98
61) 1,2-Dibromoethane	8.275	107	116164	21.777	ug/l	97
64) Tetrachloroethene	7.899	164	85039	19.197	ug/l	97
65) Chlorobenzene	8.805	112	285526	19.352	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.898	131	113513	19.560	ug/l	99
67) Ethyl Benzene	8.937	91	427611	19.732	ug/l	99
68) m/p-Xylenes	9.062	106	347094	41.558	ug/l	97
69) o-Xylene	9.471	106	158218	20.146	ug/l	97
70) Styrene	9.487	104	289986	20.508	ug/l	98
71) Bromoform	9.657	173	98459	20.189	ug/l #	99
73) Isopropylbenzene	9.857	105	452835	19.956	ug/l	99
74) N-amyl acetate	9.728	43	169334	21.235	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.165	83	194132	20.010	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	144954	20.407	ug/l	97
77) Bromobenzene	10.143	156	122997	20.192	ug/l	96
78) n-propylbenzene	10.278	91	543284	20.295	ug/l	99
79) 2-Chlorotoluene	10.349	91	345612	21.035	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	395723	20.670	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	56965	20.079	ug/l	94
82) 4-Chlorotoluene	10.464	91	397854	20.704	ug/l	99
83) tert-Butylbenzene	10.789	119	391432	19.193	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	387870	20.413	ug/l	99
85) sec-Butylbenzene	11.014	105	511236	19.838	ug/l	100
86) p-Isopropyltoluene	11.168	119	436881	19.461	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	247313	19.423	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	259521	18.733	ug/l	98
89) n-Butylbenzene	11.580	91	399421	19.246	ug/l	99
90) Hexachloroethane	11.821	117	97526	18.416	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	234045	19.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	42348	20.062	ug/l	98
93) 1,2,4-Trichlorobenzene	13.188	180	143026	18.840	ug/l	99
94) Hexachlorobutadiene	13.371	225	71239	17.759	ug/l	99
95) Naphthalene	13.426	128	452299	18.987	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	150177	19.331	ug/l	99

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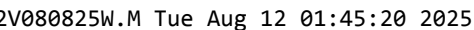
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MSVOA_V
ClientSampleId :
VV0811WBS01

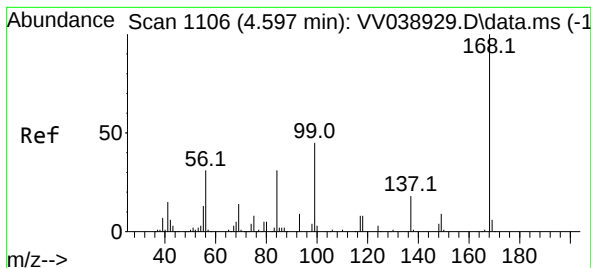
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038938.D

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Instrument :

MSVOA_V

ClientSampleId :

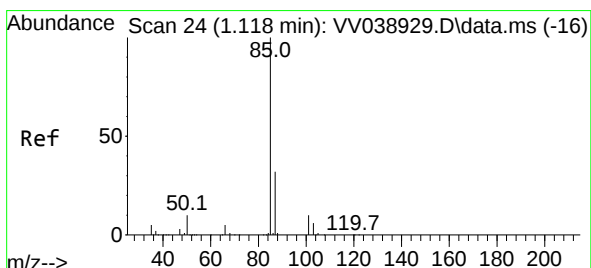
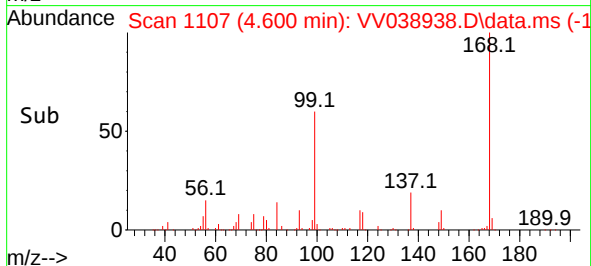
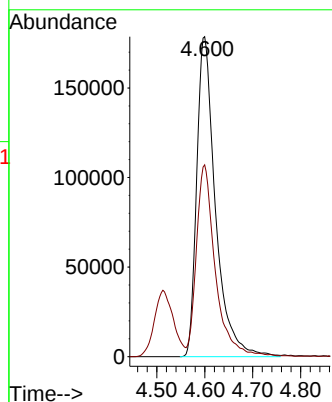
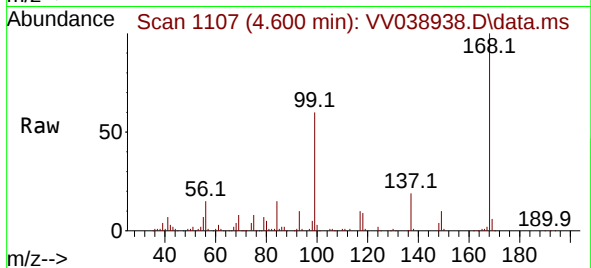
VV0811WBS01

Tgt Ion:168 Resp: 485479

Ion Ratio Lower Upper

168 100

99 59.6 47.3 70.9



#2

Dichlorodifluoromethane

Concen: 20.131 ug/l

RT: 1.117 min Scan# 24

Delta R.T. -0.000 min

Lab File: VV038938.D

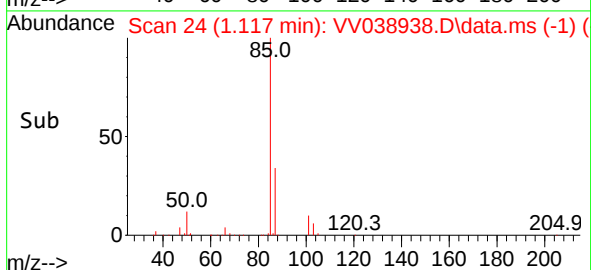
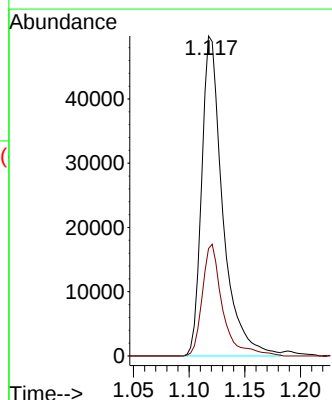
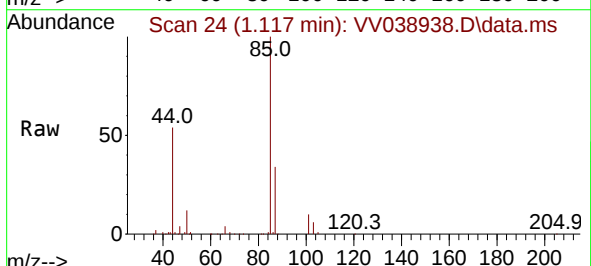
Acq: 11 Aug 2025 11:32

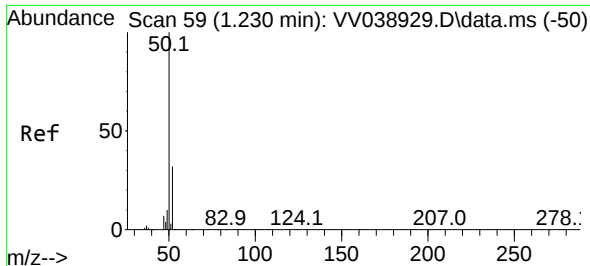
Tgt Ion: 85 Resp: 65755

Ion Ratio Lower Upper

85 100

87 33.6 16.2 48.6

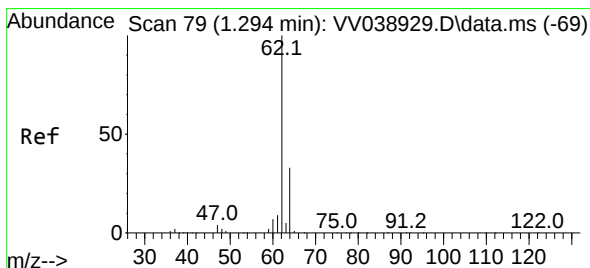
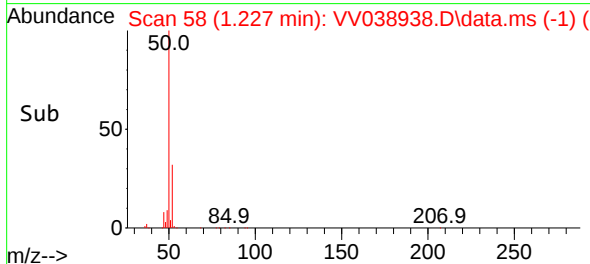
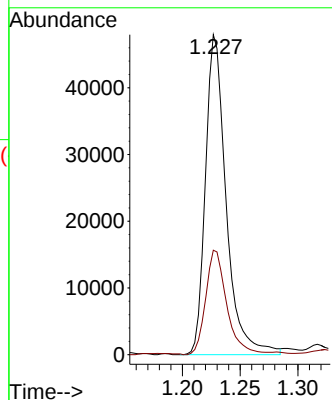
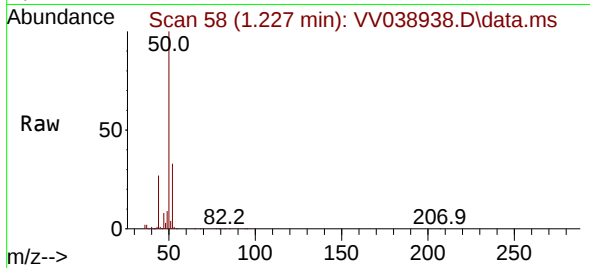




#3
Chloromethane
Concen: 19.218 ug/l
RT: 1.227 min Scan# 50
Delta R.T. -0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

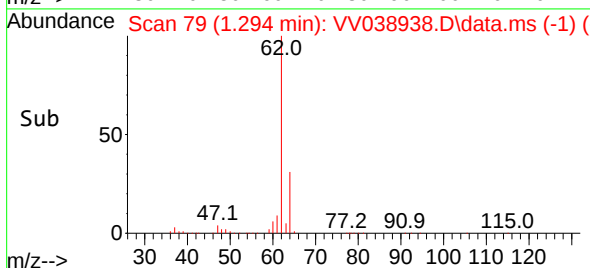
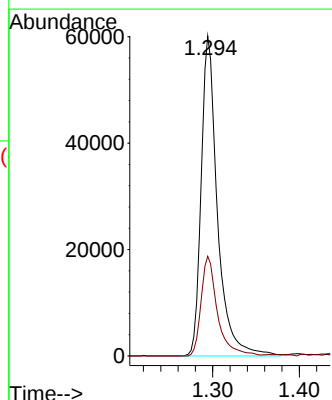
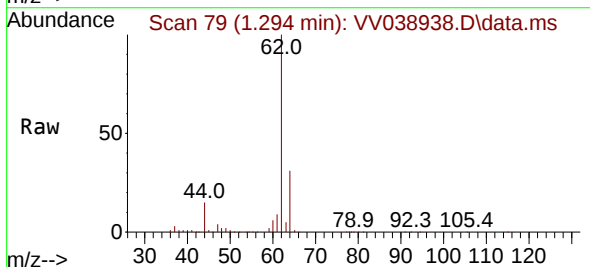
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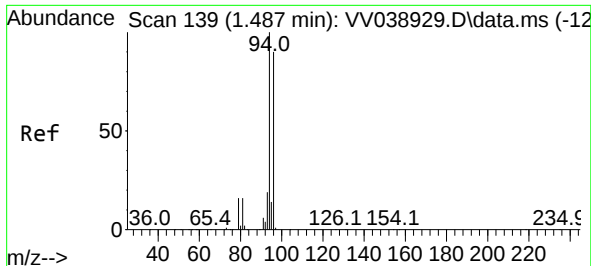
Tgt Ion: 50 Resp: 59893
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9



#4
Vinyl Chloride
Concen: 20.478 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 62 Resp: 78422
Ion Ratio Lower Upper
62 100
64 31.1 26.6 40.0

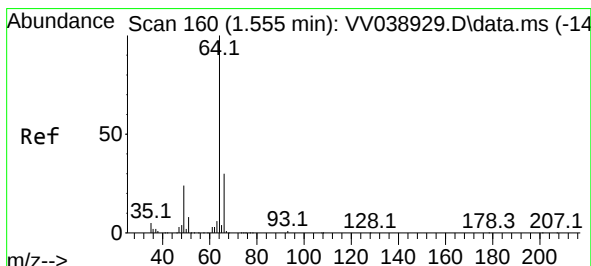
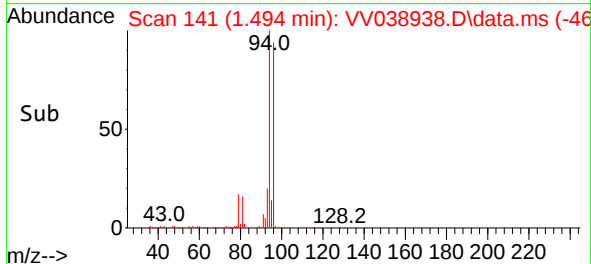
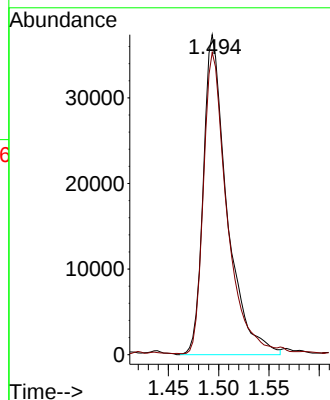
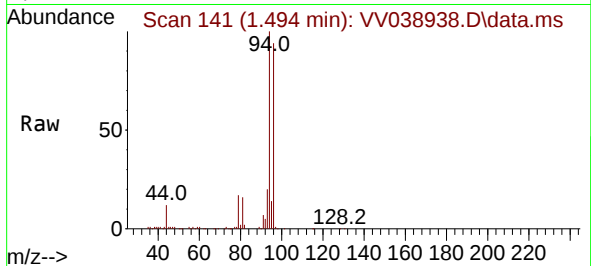




#5
Bromomethane
Concen: 20.430 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

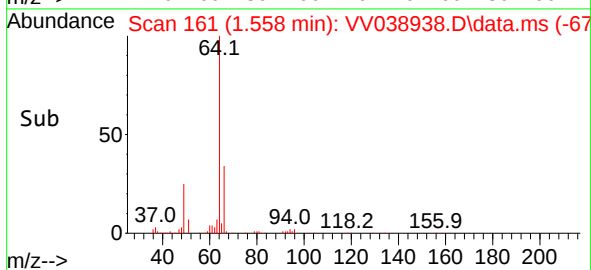
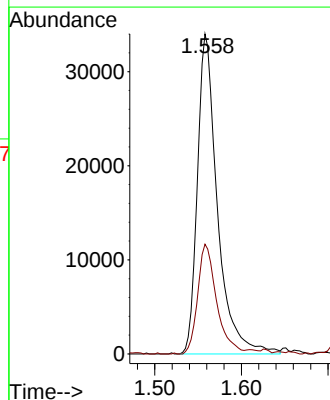
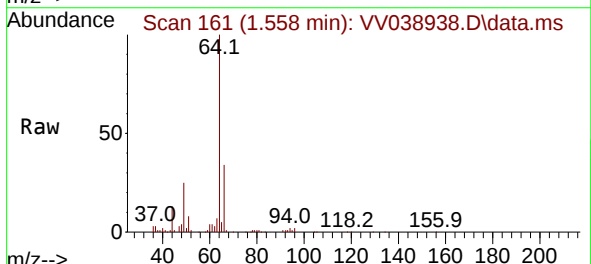
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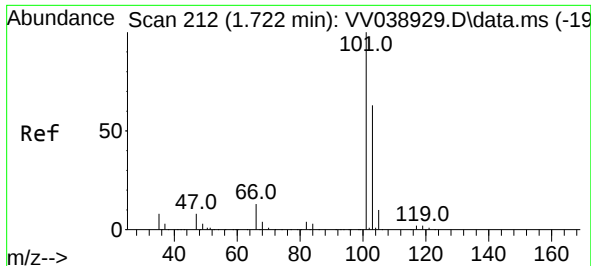
Tgt Ion: 94 Resp: 61329
Ion Ratio Lower Upper
94 100
96 94.1 71.8 107.8



#6
Chloroethane
Concen: 19.832 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 64 Resp: 54627
Ion Ratio Lower Upper
64 100
66 34.3 24.3 36.5

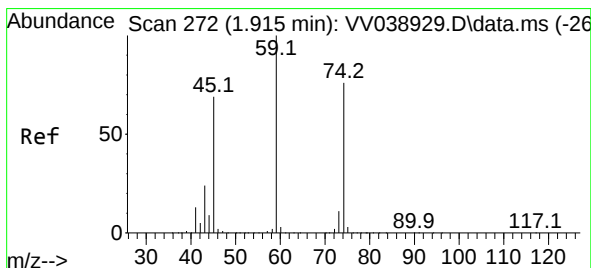
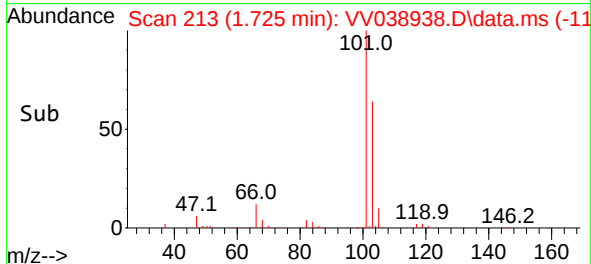
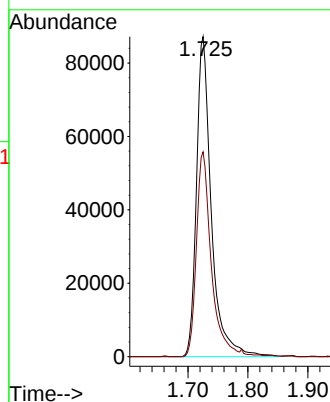
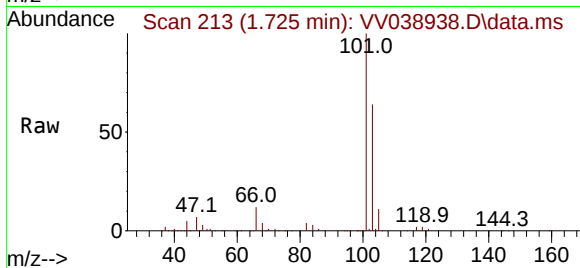




#7
 Trichlorofluoromethane
 Concen: 19.808 ug/l
 RT: 1.725 min Scan# 212
 Delta R.T. 0.003 min
 Lab File: VV038938.D
 Acq: 11 Aug 2025 11:32

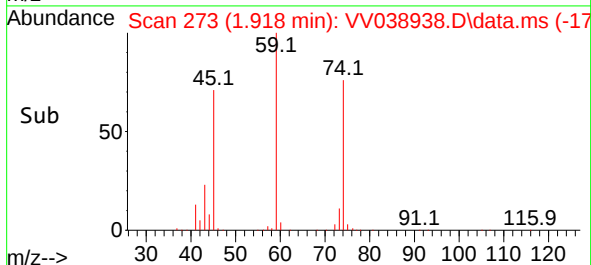
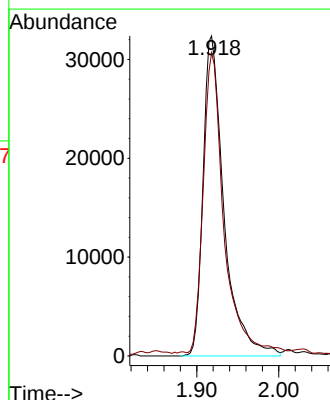
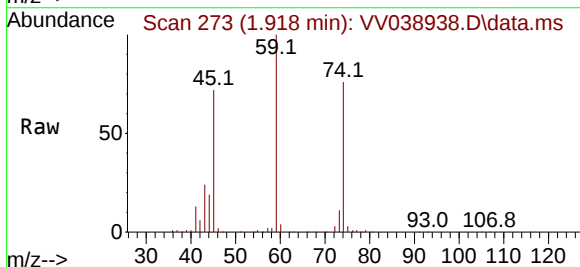
Instrument :
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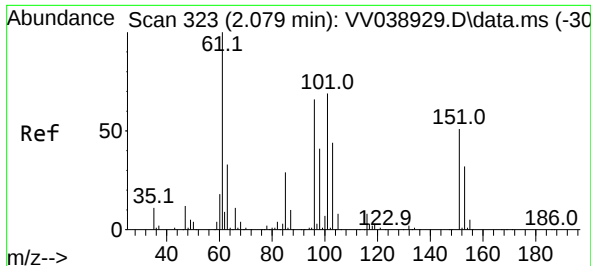
Tgt Ion:101 Resp: 150220
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.8 76.2



#8
 Diethyl Ether
 Concen: 20.308 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038938.D
 Acq: 11 Aug 2025 11:32

Tgt Ion: 74 Resp: 57429
 Ion Ratio Lower Upper
 74 100
 45 91.0 44.8 134.4

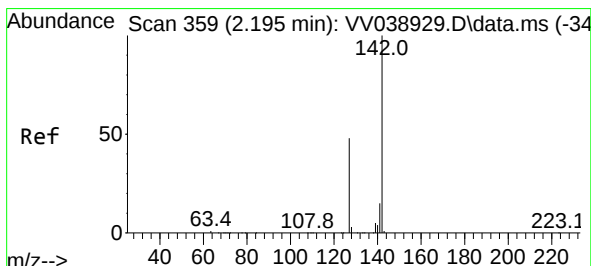
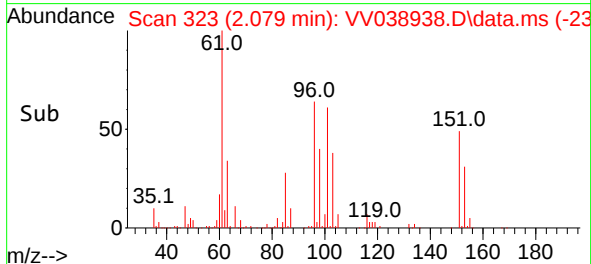
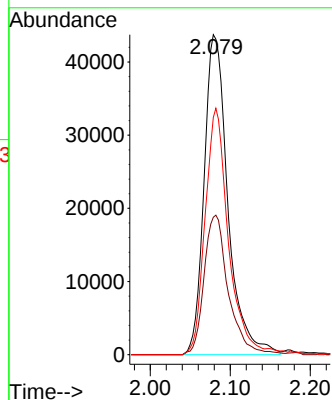
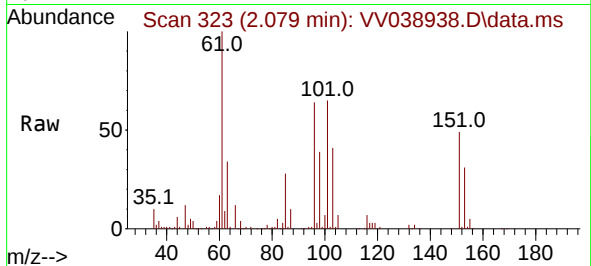




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.712 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

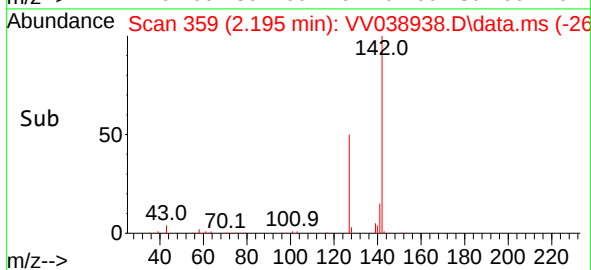
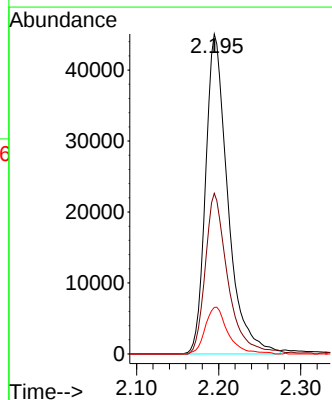
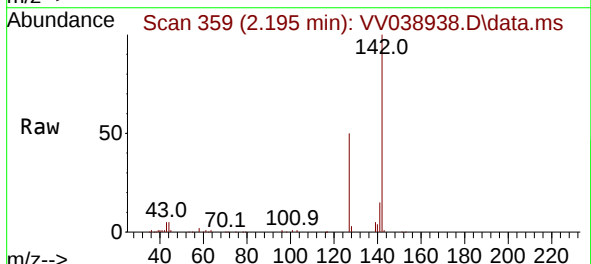
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

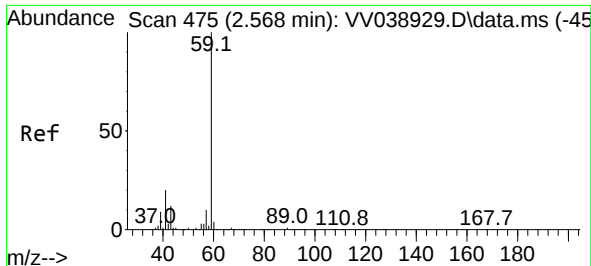
Tgt Ion:101 Resp: 90651
Ion Ratio Lower Upper
101 100
85 44.4 35.1 52.7
151 75.8 60.6 91.0



#10
Methyl Iodide
Concen: 18.445 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion:142 Resp: 85137
Ion Ratio Lower Upper
142 100
127 50.8 38.2 57.2
141 15.0 11.6 17.4

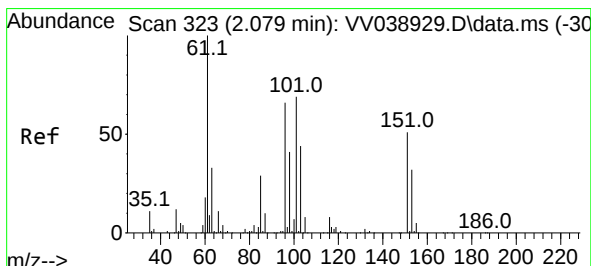
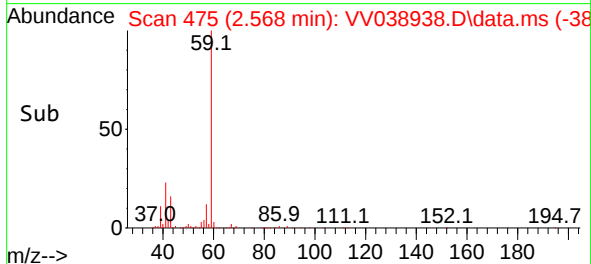
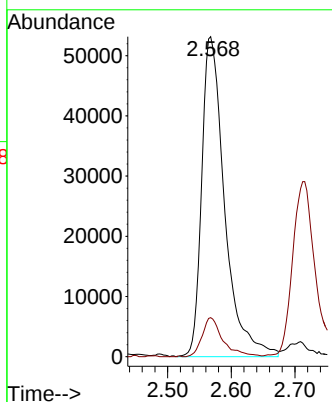
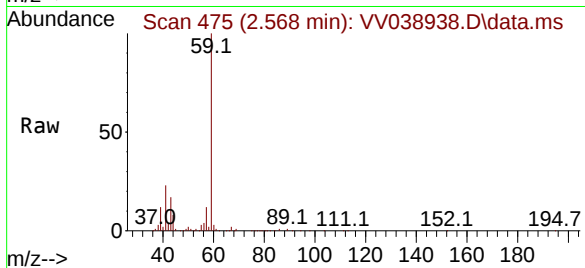




#11
Tert butyl alcohol
Concen: 112.707 ug/l
RT: 2.568 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

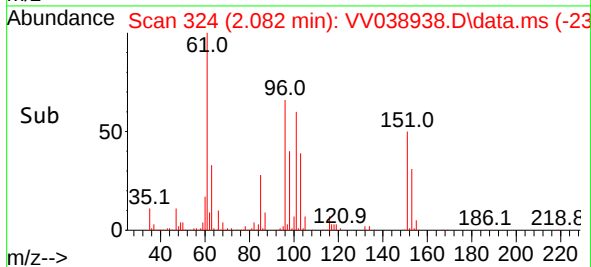
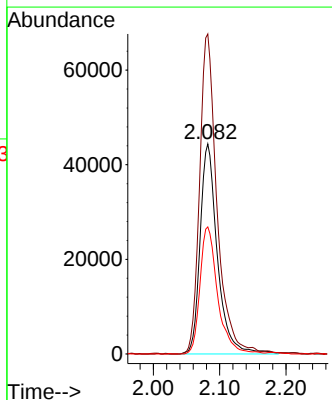
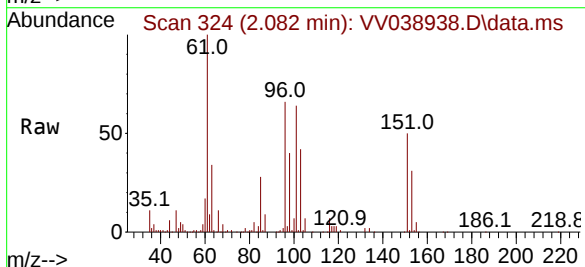
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

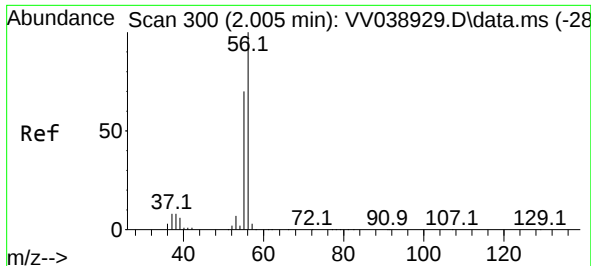
Tgt Ion: 59 Resp: 133085
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.023 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 96 Resp: 80392
Ion Ratio Lower Upper
96 100
61 152.4 121.0 181.4
98 60.5 49.4 74.2

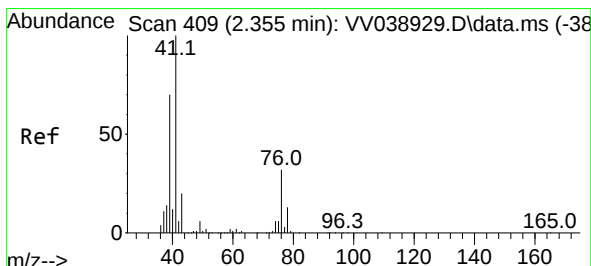
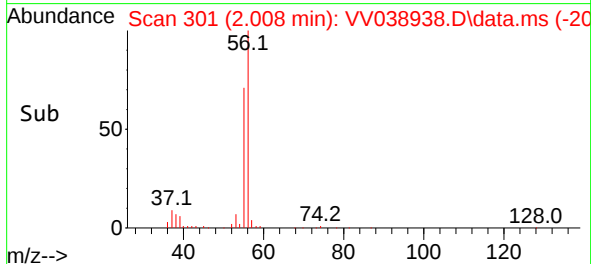
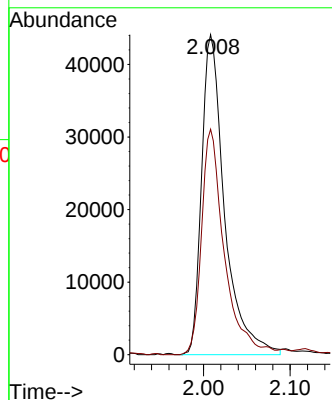
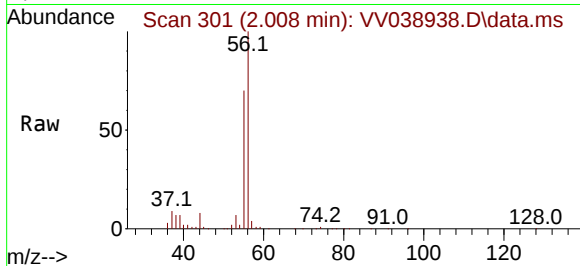




#13
Acrolein
Concen: 89.466 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

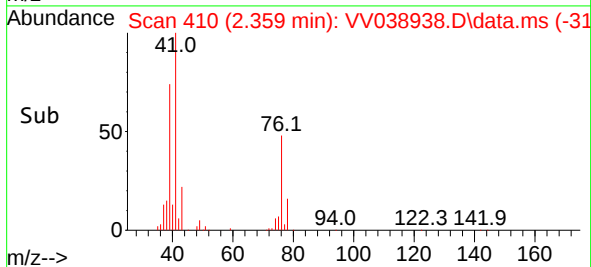
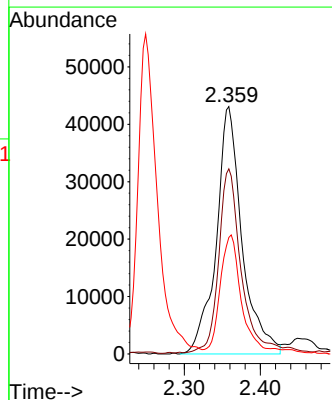
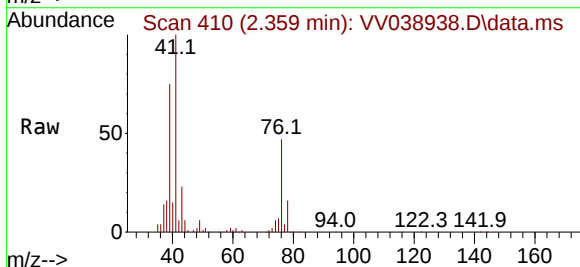
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

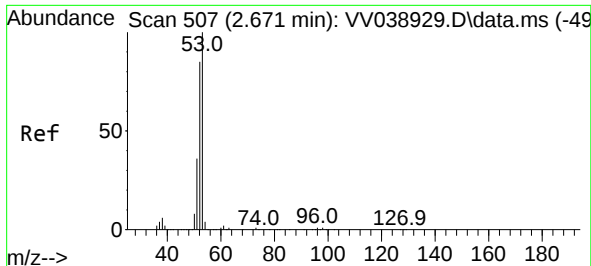
Tgt Ion: 56 Resp: 81305
Ion Ratio Lower Upper
56 100
55 69.8 55.1 82.7



#14
Allyl chloride
Concen: 14.498 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 41 Resp: 101794
Ion Ratio Lower Upper
41 100
39 64.1 49.9 74.9
76 36.8 29.7 44.5

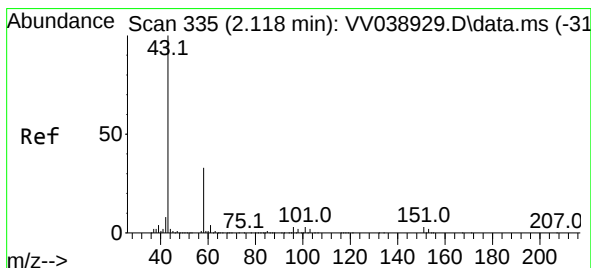
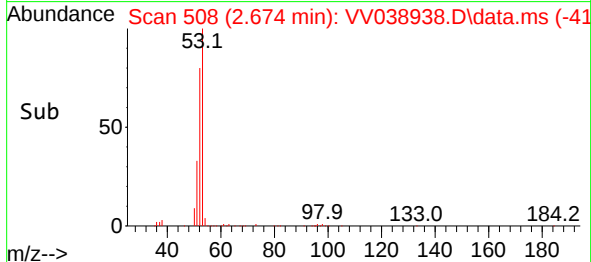
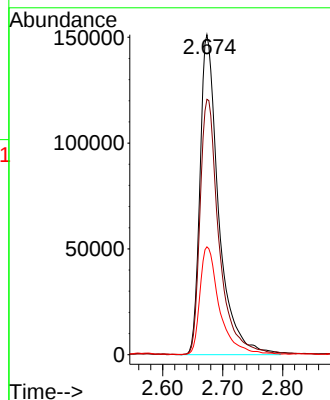
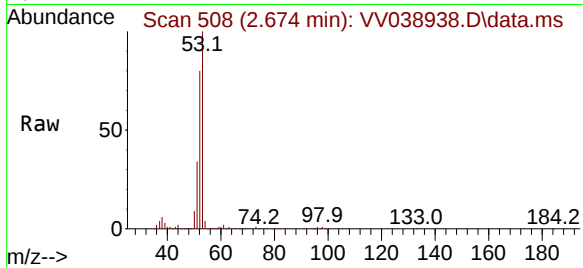




#15
Acrylonitrile
Concen: 105.137 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

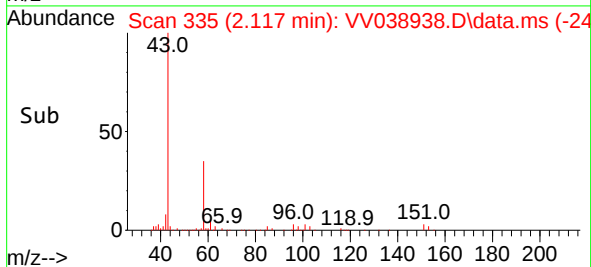
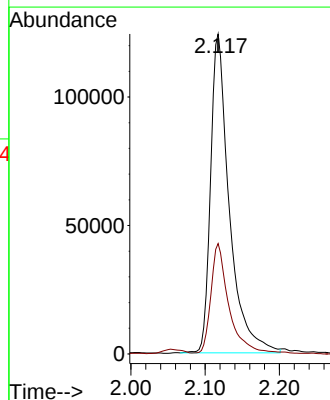
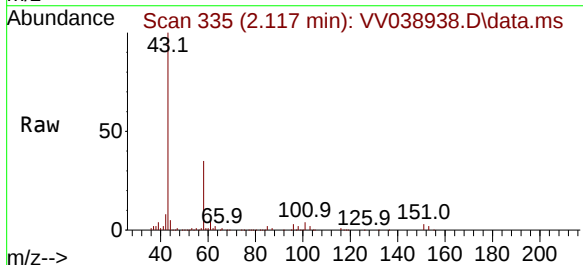
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

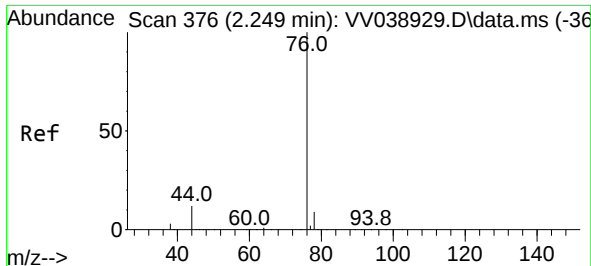
Tgt Ion: 53 Resp: 327754
Ion Ratio Lower Upper
53 100
52 81.0 66.4 99.6
51 35.2 28.6 43.0



#16
Acetone
Concen: 86.523 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 43 Resp: 216843
Ion Ratio Lower Upper
43 100
58 34.0 26.8 40.2

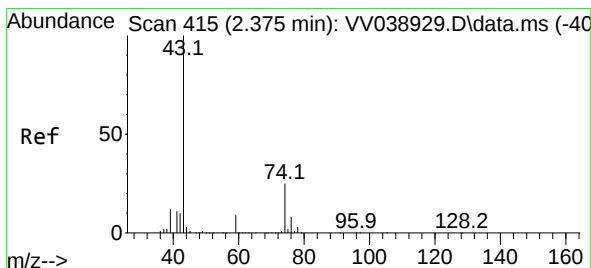
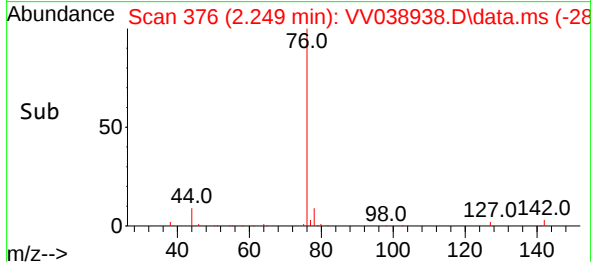
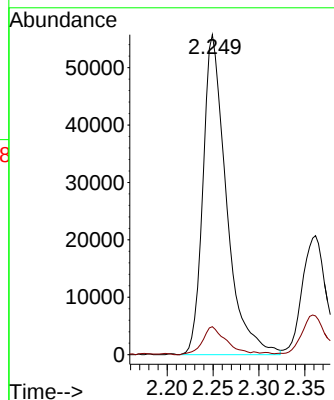
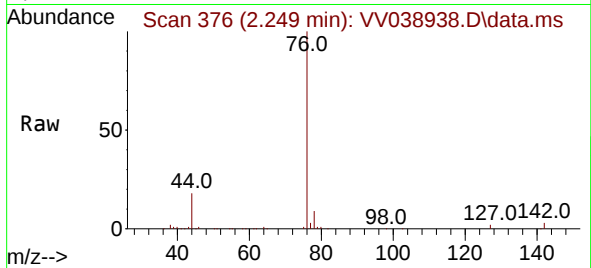




#17
Carbon Disulfide
Concen: 15.267 ug/l
RT: 2.249 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

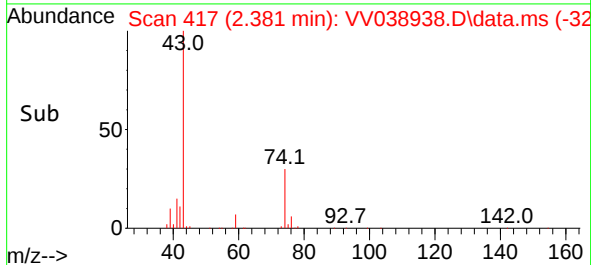
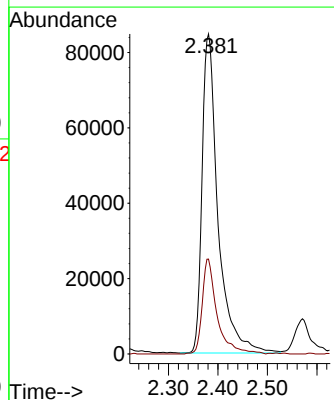
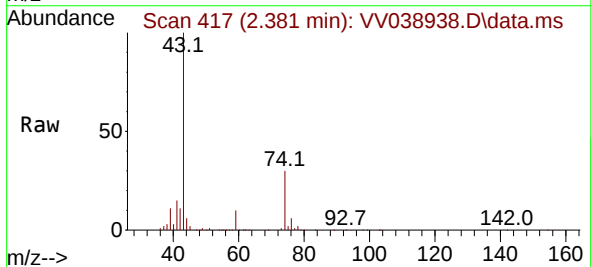
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

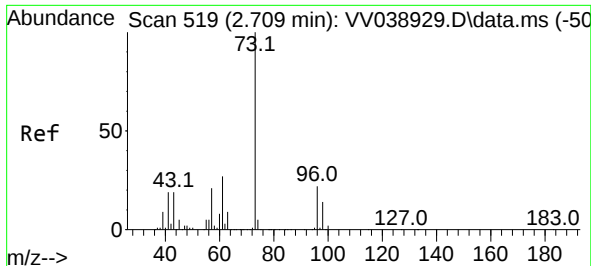
Tgt Ion: 76 Resp: 98979
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 21.085 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.006 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 43 Resp: 189474
Ion Ratio Lower Upper
43 100
74 27.7 20.6 30.8

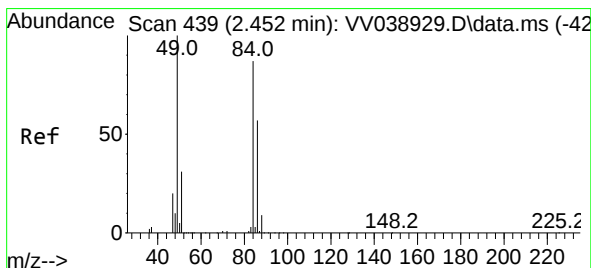
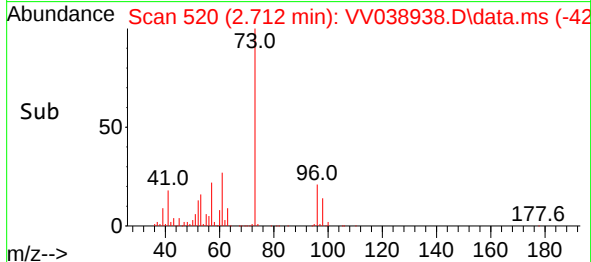
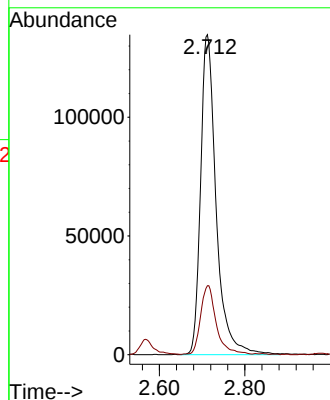
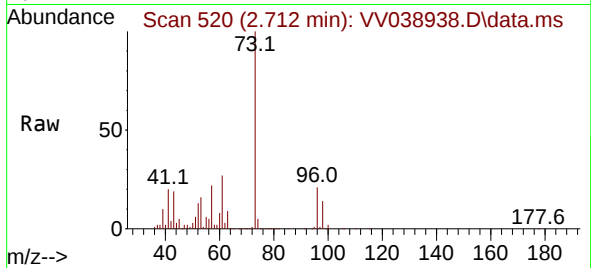




#19
Methyl tert-butyl Ether
Concen: 20.581 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

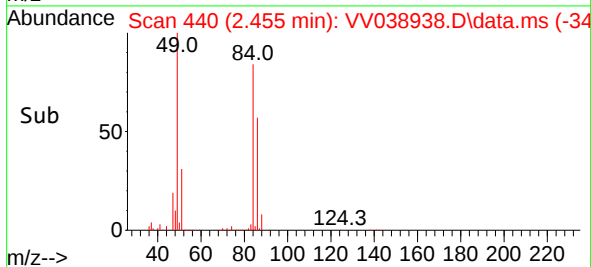
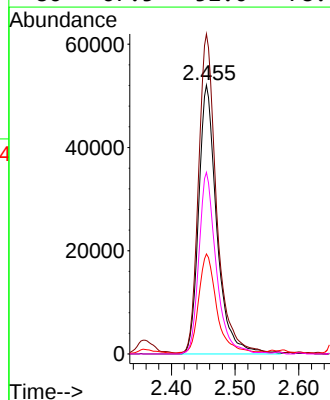
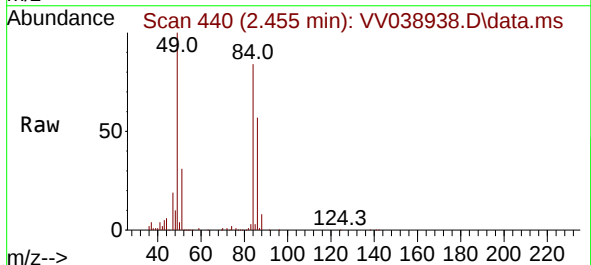
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

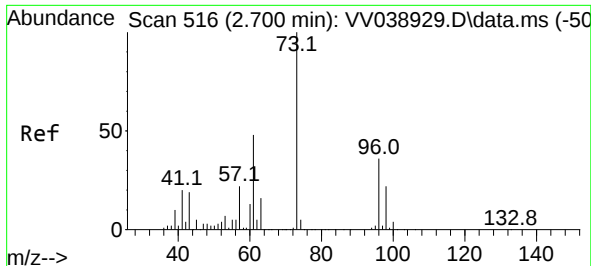
Tgt Ion: 73 Resp: 340000
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.6



#20
Methylene Chloride
Concen: 17.864 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 84 Resp: 103019
Ion Ratio Lower Upper
84 100
49 118.6 91.7 137.5
51 36.6 28.3 42.5
86 67.5 52.0 78.0

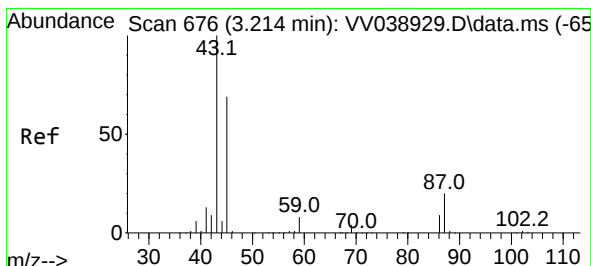
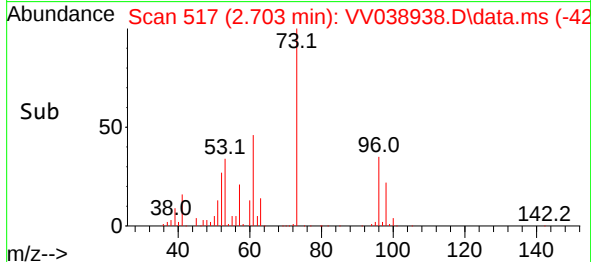
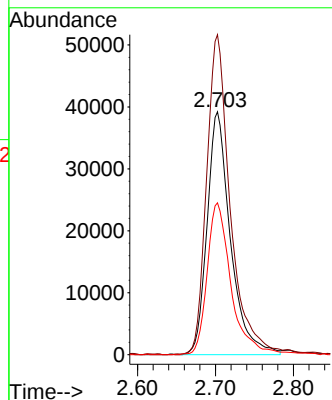
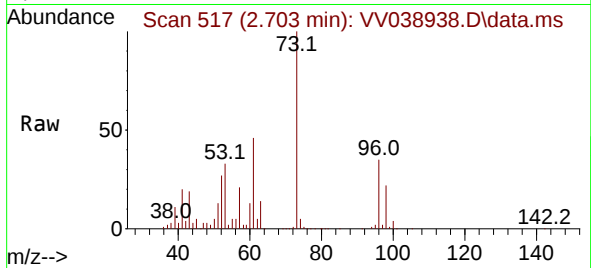




#21
trans-1,2-Dichloroethene
Concen: 18.758 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

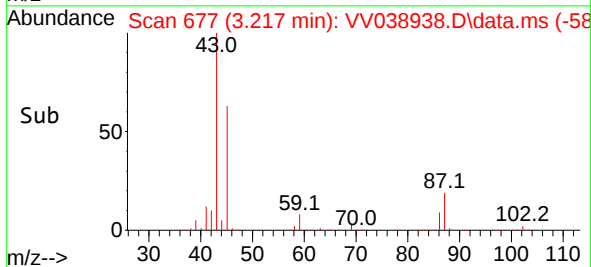
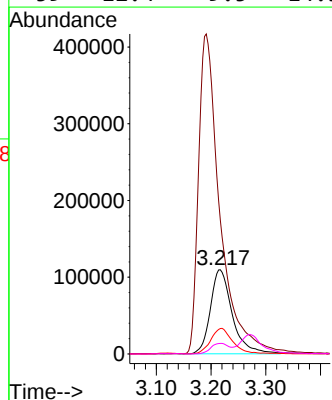
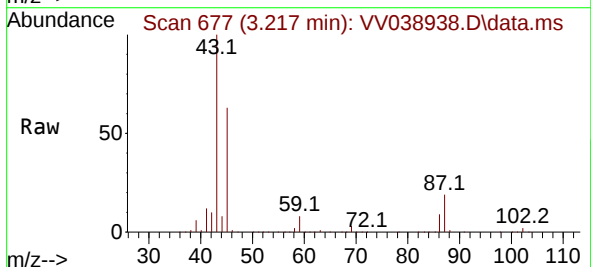
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

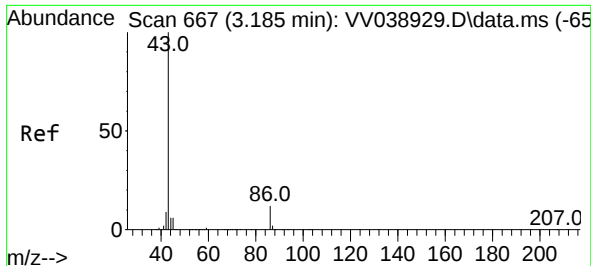
Tgt Ion: 96 Resp: 81858
Ion Ratio Lower Upper
96 100
61 131.5 106.2 159.4
98 62.5 49.8 74.8



#22
Diisopropyl ether
Concen: 21.323 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 45 Resp: 302760
Ion Ratio Lower Upper
45 100
43 158.8 115.3 172.9
87 30.0 23.8 35.6
59 12.4 9.5 14.3

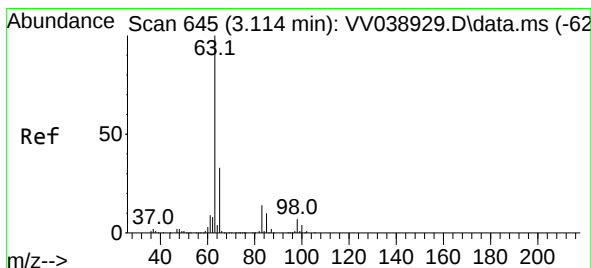
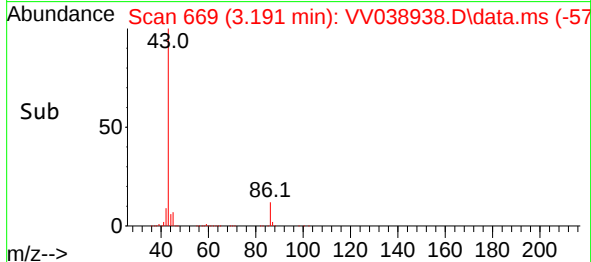
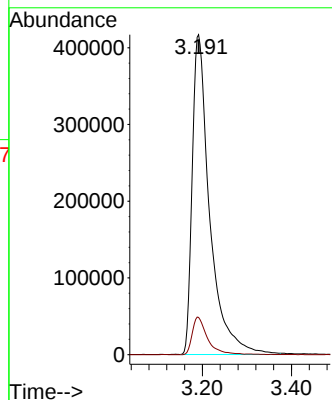
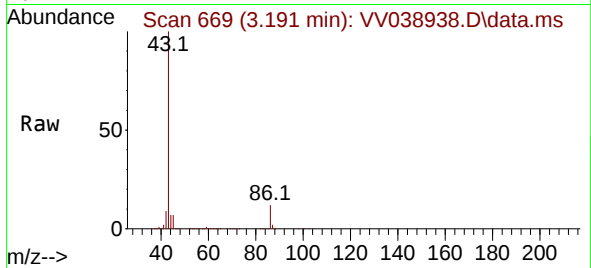




#23
 Vinyl Acetate
 Concen: 108.035 ug/l
 RT: 3.191 min Scan# 669
 Delta R.T. 0.006 min
 Lab File: VV038938.D
 Acq: 11 Aug 2025 11:32

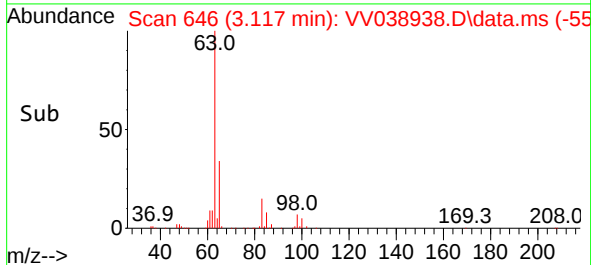
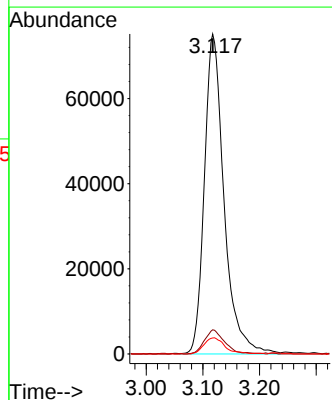
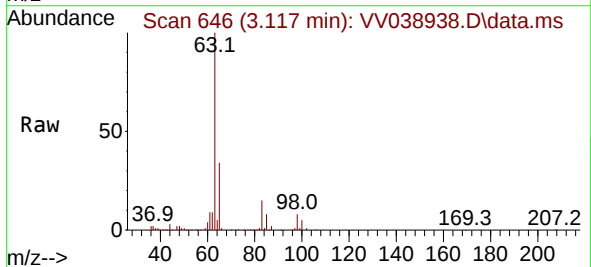
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBS01

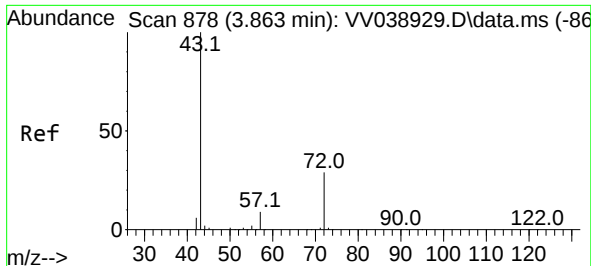
Tgt Ion: 43 Resp: 1139486
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 19.907 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV038938.D
 Acq: 11 Aug 2025 11:32

Tgt Ion: 63 Resp: 181269
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 5.0 2.2 6.6

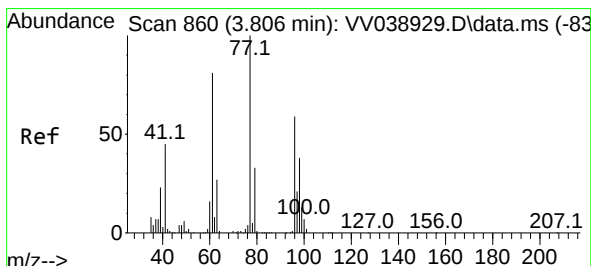
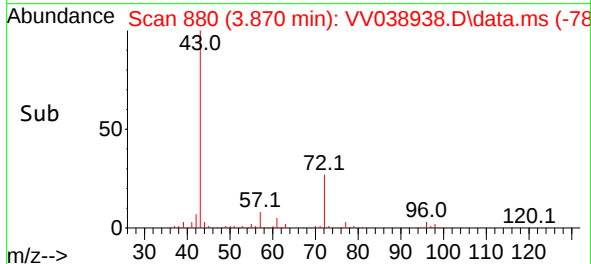
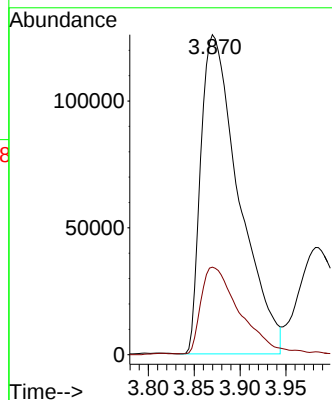
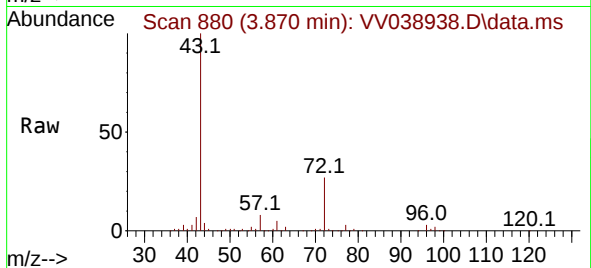




#25
2-Butanone
Concen: 114.493 ug/l
RT: 3.870 min Scan# 878
Delta R.T. 0.006 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

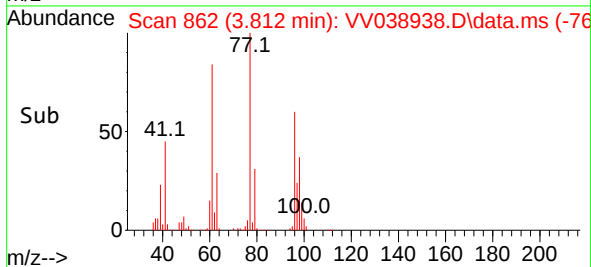
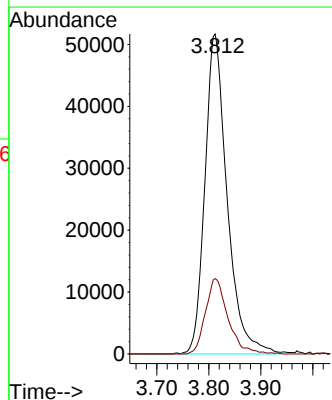
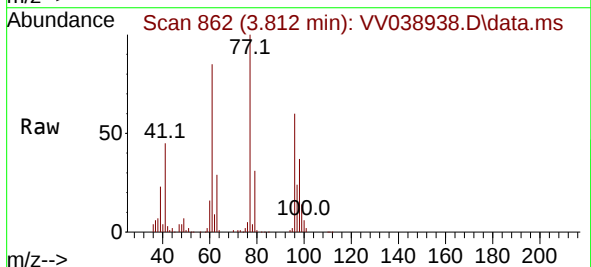
Instrument :
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ClientSampleId :
VV0811WBS01

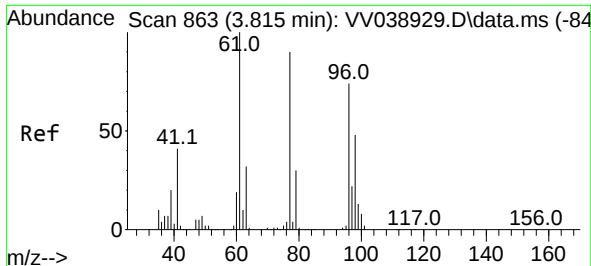
Tgt Ion: 43 Resp: 364068
Ion Ratio Lower Upper
43 100
72 27.1 23.5 35.3



#26
2,2-Dichloropropane
Concen: 19.041 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 77 Resp: 153630
Ion Ratio Lower Upper
77 100
97 23.8 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 19.926 ug/l

RT: 3.821 min Scan# 865

Delta R.T. 0.006 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBS01

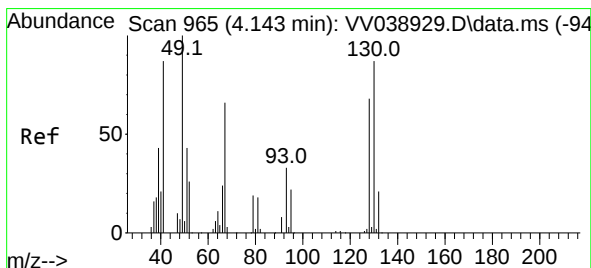
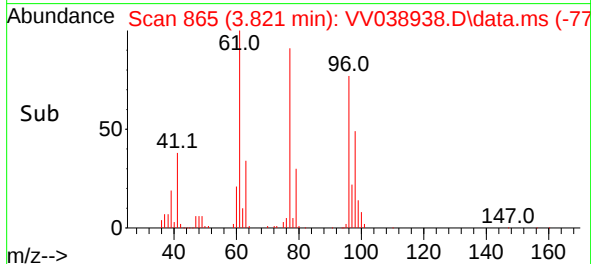
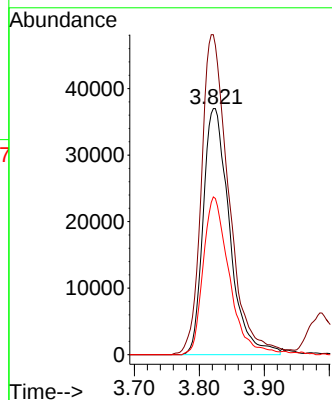
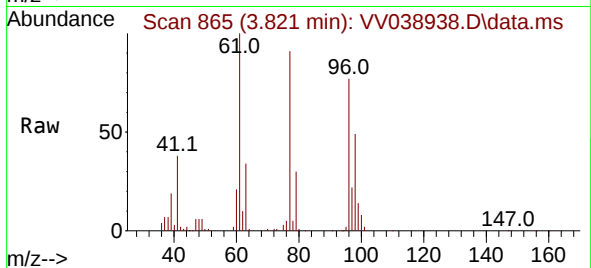
Tgt Ion: 96 Resp: 104268

Ion Ratio Lower Upper

96 100

61 135.8 0.0 270.4

98 63.4 0.0 128.0



#28

Bromochloromethane

Concen: 19.685 ug/l

RT: 4.149 min Scan# 967

Delta R.T. 0.006 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

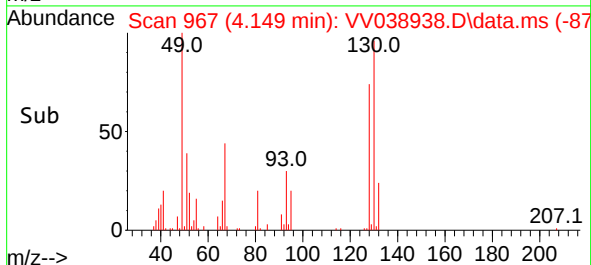
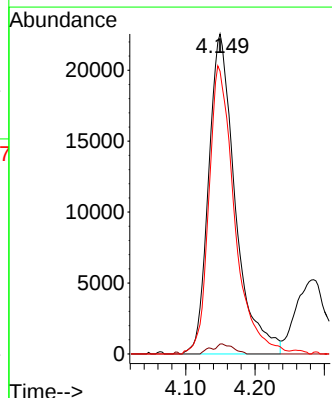
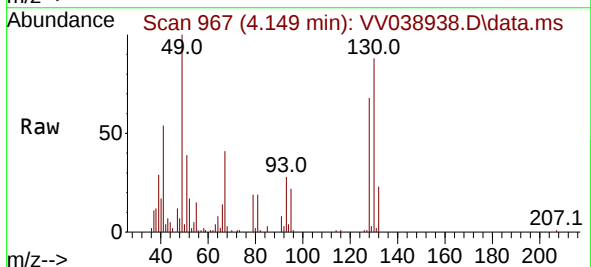
Tgt Ion: 49 Resp: 60213

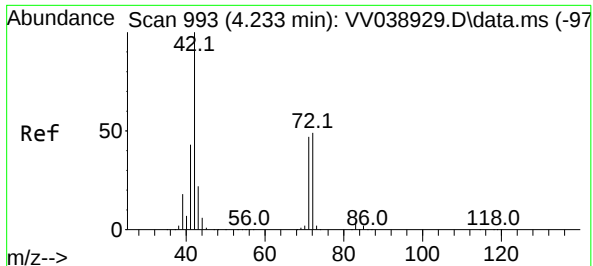
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.4

130 86.8 70.9 106.3





#29

Tetrahydrofuran

Concen: 112.905 ug/l

RT: 4.239 min Scan# 993

Delta R.T. 0.006 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBS01

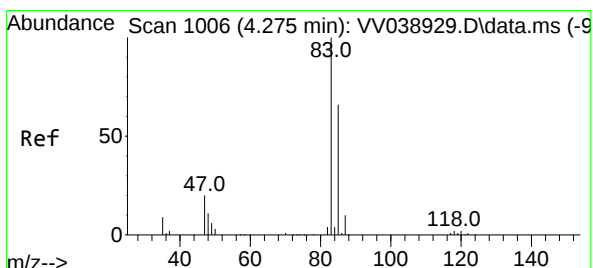
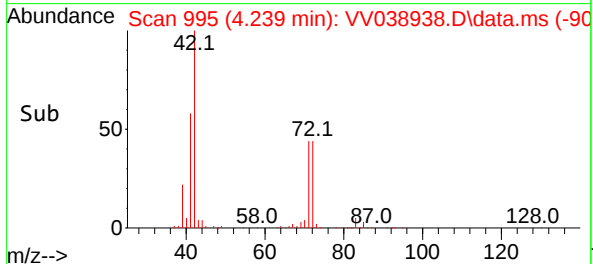
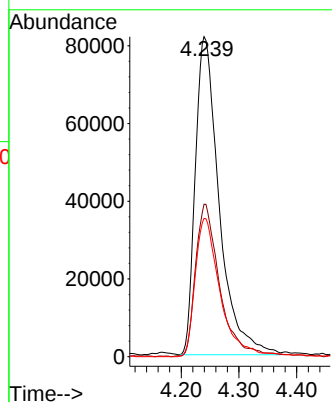
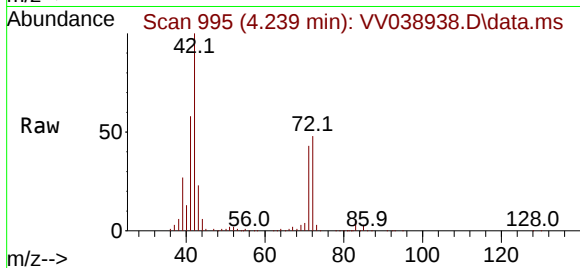
Tgt Ion: 42 Resp: 235058

Ion Ratio Lower Upper

42 100

72 48.2 39.9 59.9

71 45.5 37.4 56.0



#30

Chloroform

Concen: 20.427 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VV038938.D

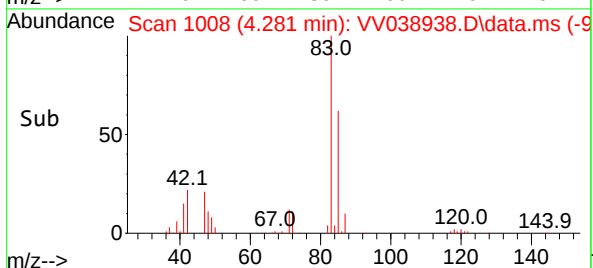
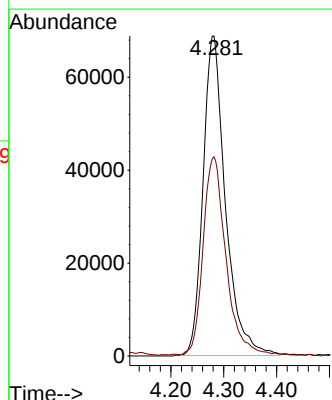
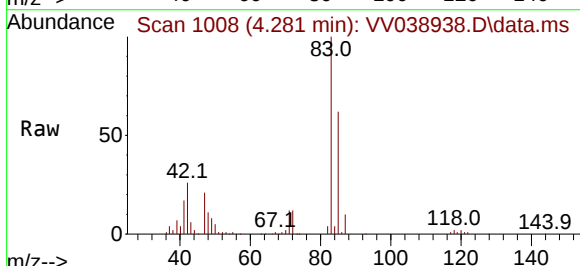
Acq: 11 Aug 2025 11:32

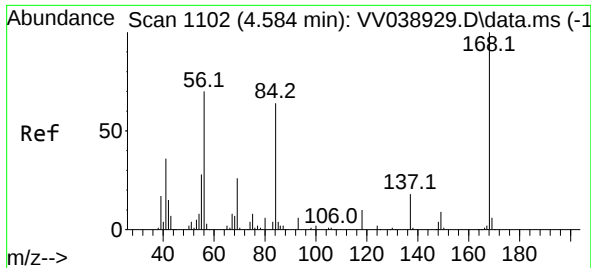
Tgt Ion: 83 Resp: 202392

Ion Ratio Lower Upper

83 100

85 62.0 53.0 79.6

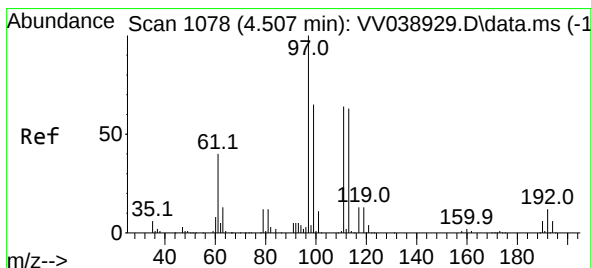
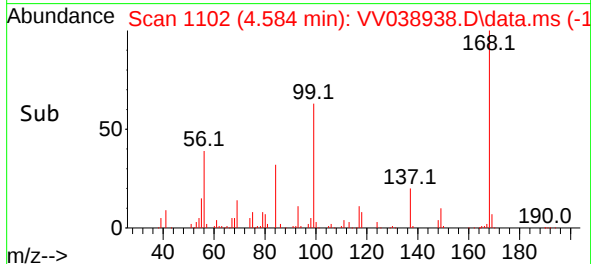
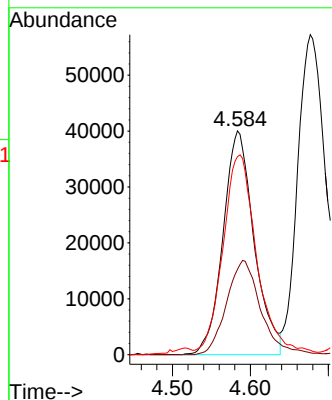
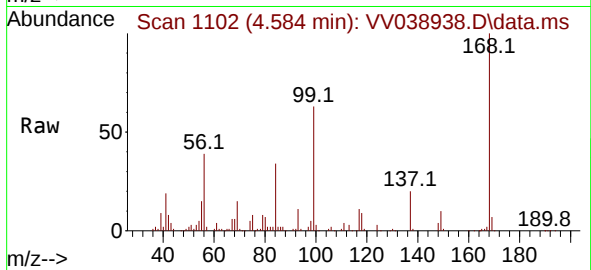




#31
Cyclohexane
Concen: 19.749 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

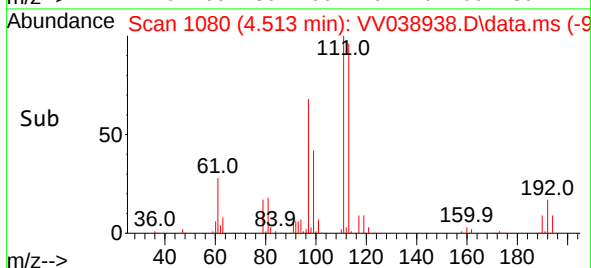
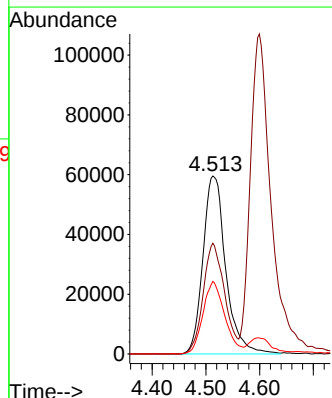
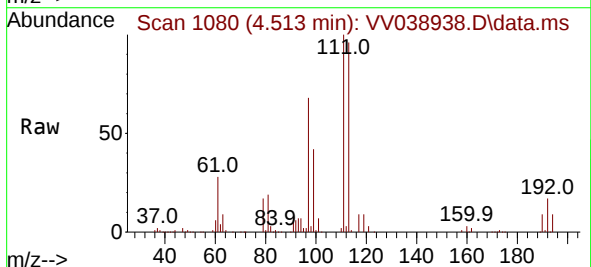
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

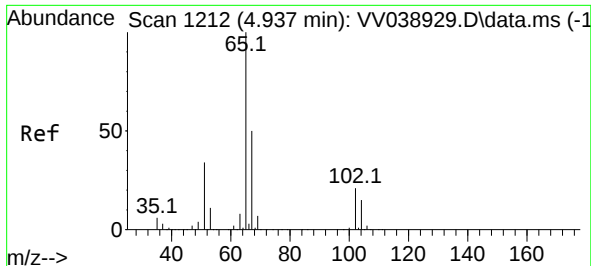
Tgt Ion: 56 Resp: 110773
Ion Ratio Lower Upper
56 100
69 38.1 30.2 45.2
84 86.0 73.6 110.4



#32
1,1,1-Trichloroethane
Concen: 20.582 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 97 Resp: 175392
Ion Ratio Lower Upper
97 100
99 58.4 49.8 74.6
61 39.2 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 51.250 ug/l

RT: 4.940 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

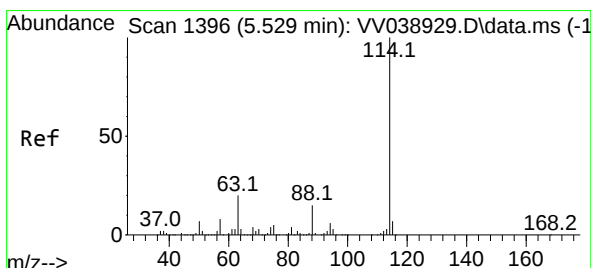
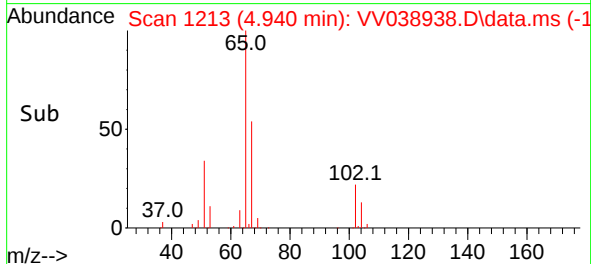
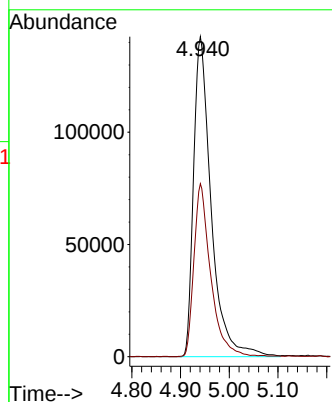
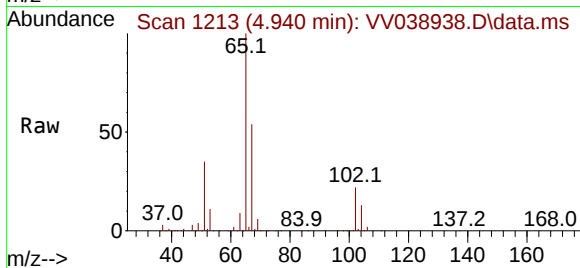
VV0811WBS01

Tgt Ion: 65 Resp: 357813

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

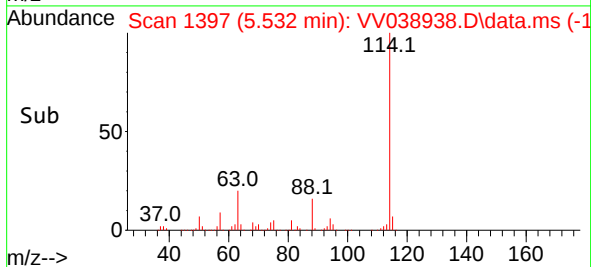
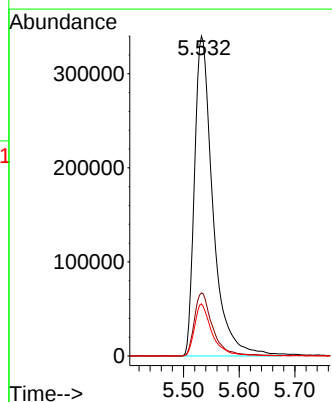
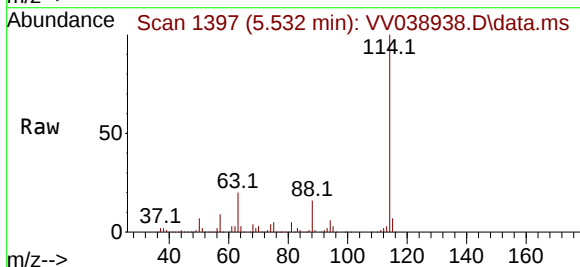
Tgt Ion: 114 Resp: 781411

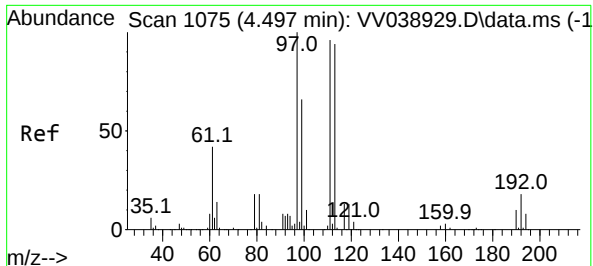
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 16.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.883 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBS01

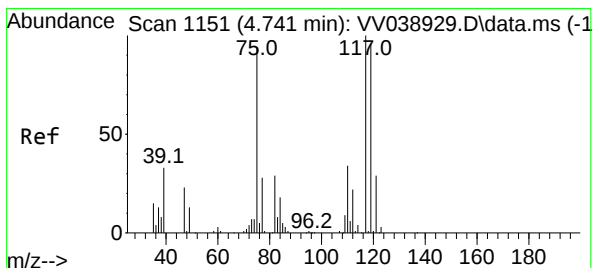
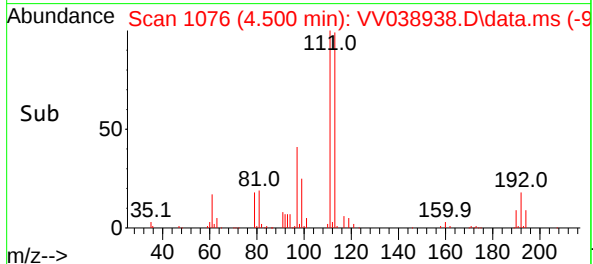
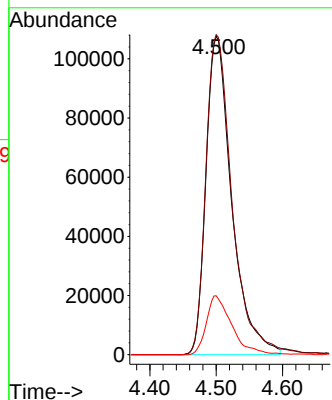
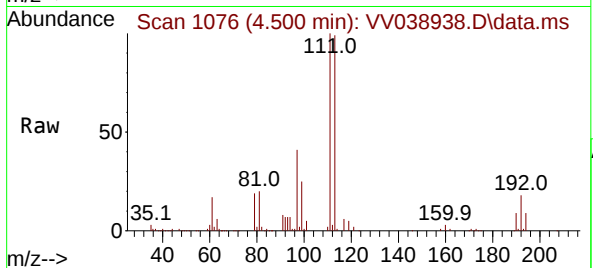
Tgt Ion:113 Resp: 289785

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 18.1 14.9 22.3



#36

1,1-Dichloropropene

Concen: 18.867 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

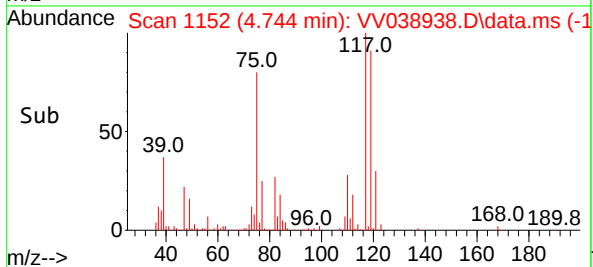
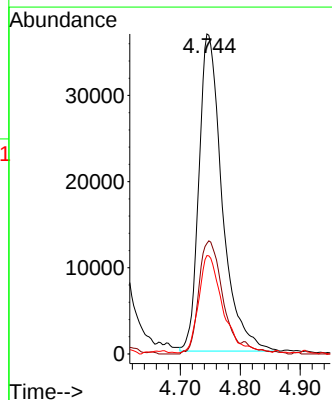
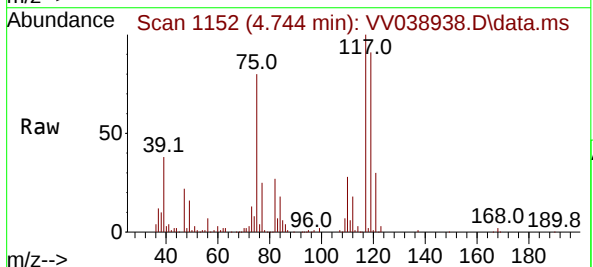
Tgt Ion: 75 Resp: 99442

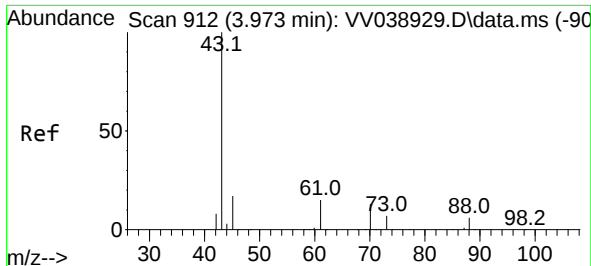
Ion Ratio Lower Upper

75 100

110 35.8 19.5 58.5

77 31.6 25.0 37.6

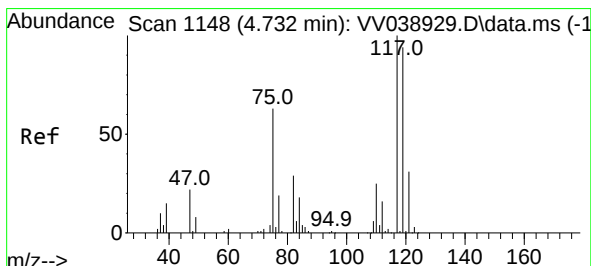
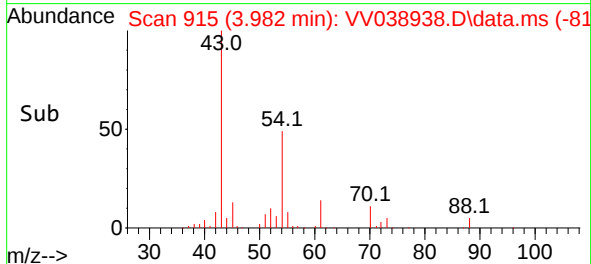
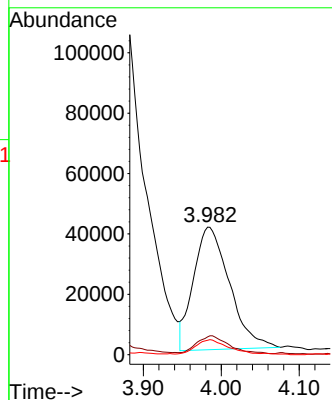
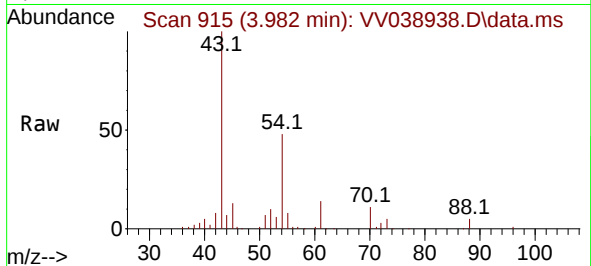




#37
Ethyl Acetate
Concen: 18.712 ug/l
RT: 3.982 min Scan# 91
Delta R.T. 0.009 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

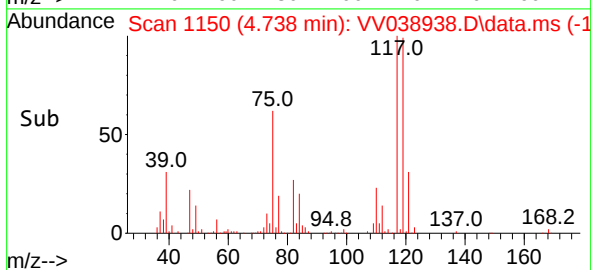
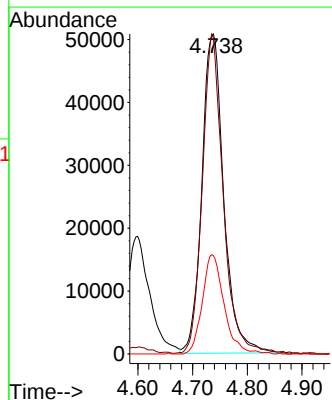
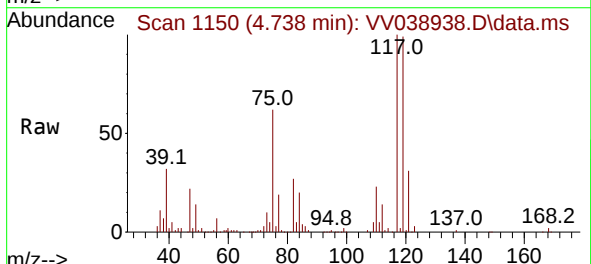
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

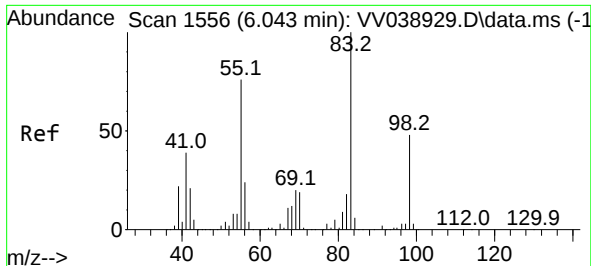
Tgt Ion: 43 Resp: 130665
Ion Ratio Lower Upper
43 100
61 13.0 12.0 18.0
70 10.1 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.282 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 117 Resp: 141201
Ion Ratio Lower Upper
117 100
119 98.7 74.9 112.3
121 30.9 24.6 36.8





#39

Methylcyclohexane

Concen: 18.386 ug/l

RT: 6.046 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBS01

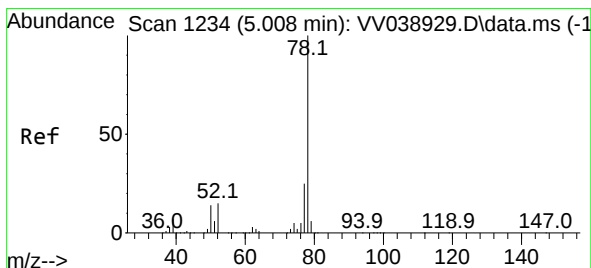
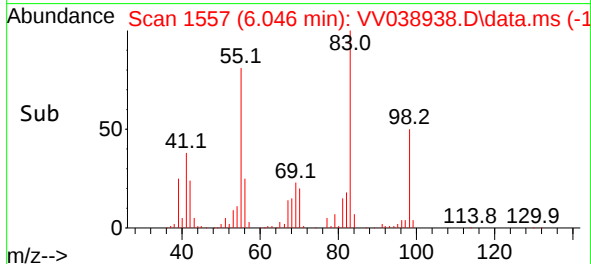
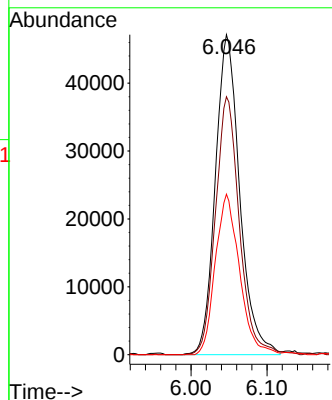
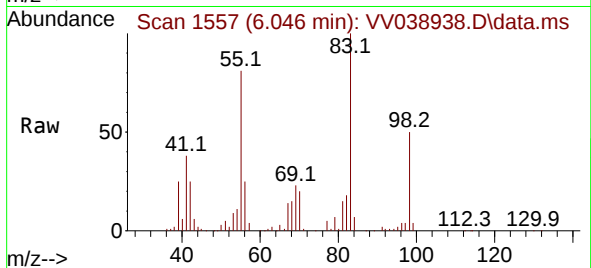
Tgt Ion: 83 Resp: 105178

Ion Ratio Lower Upper

83 100

55 80.6 60.8 91.2

98 50.2 38.6 57.8



#40

Benzene

Concen: 20.809 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV038938.D

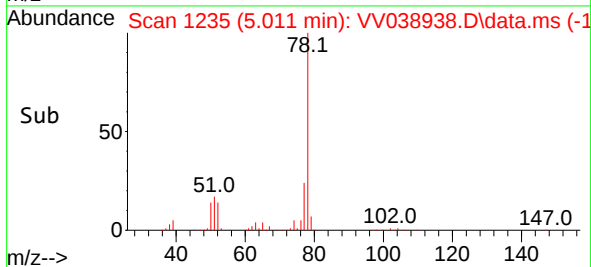
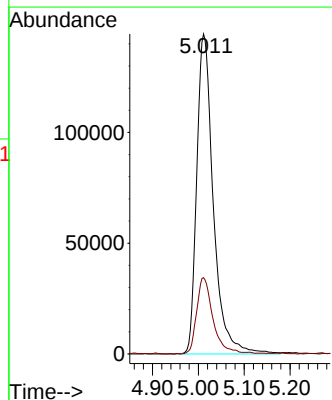
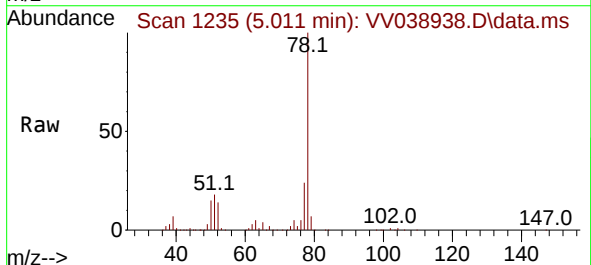
Acq: 11 Aug 2025 11:32

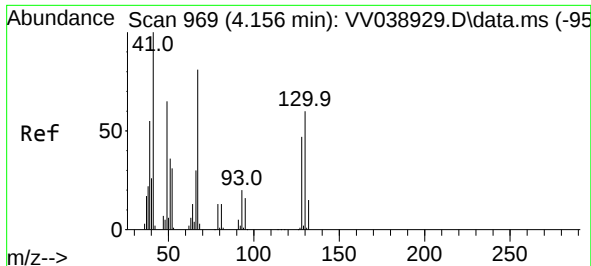
Tgt Ion: 78 Resp: 362669

Ion Ratio Lower Upper

78 100

77 23.8 19.6 29.4

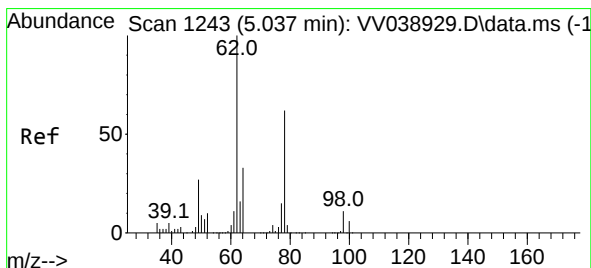
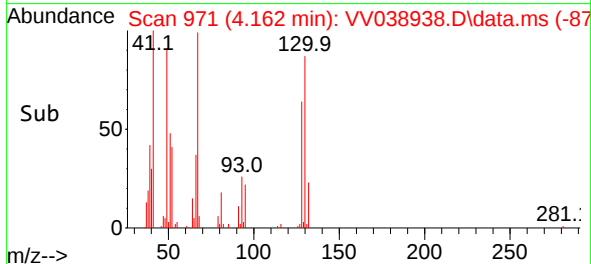
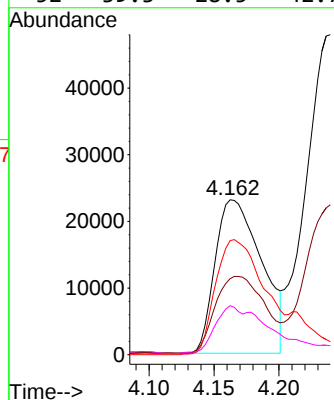
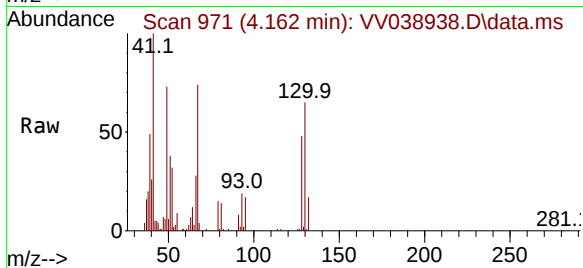




#41
Methacrylonitrile
Concen: 20.339 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.006 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

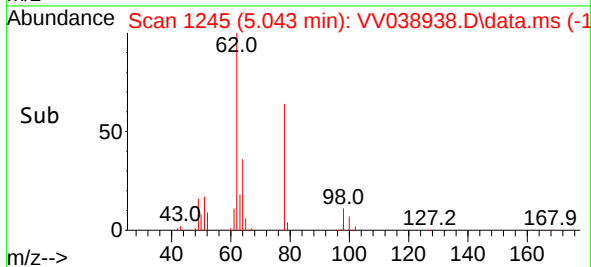
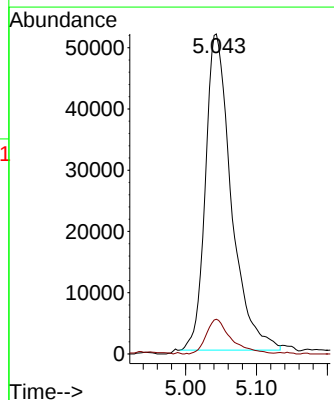
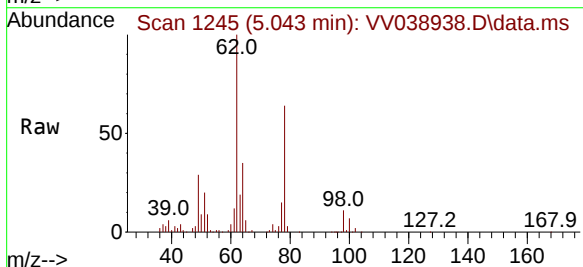
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

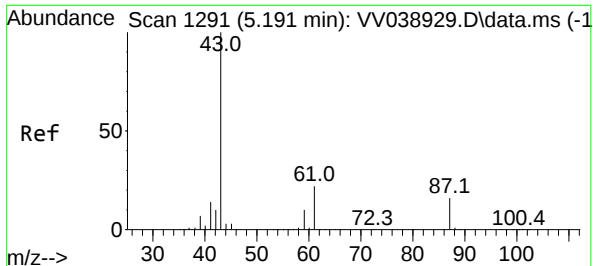
Tgt Ion:	41	Resp:	57437
Ion	Ratio	Lower	Upper
41	100		
39	52.8	41.8	62.6
67	78.1	72.6	109.0
52	39.3	28.5	42.7



#42
1,2-Dichloroethane
Concen: 19.411 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion:	62	Resp:	131170
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.6

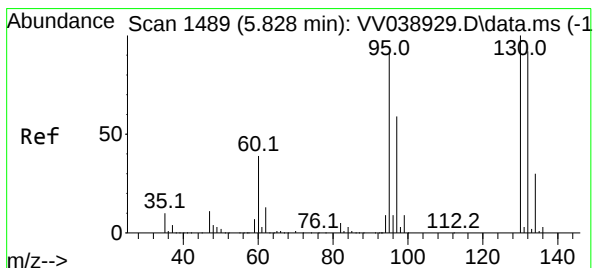
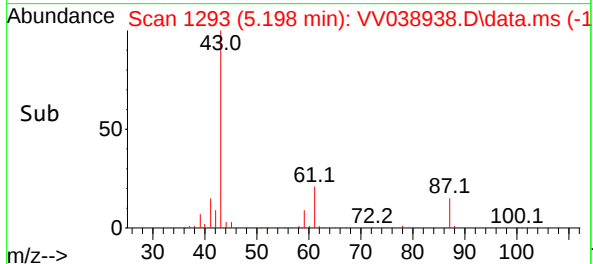
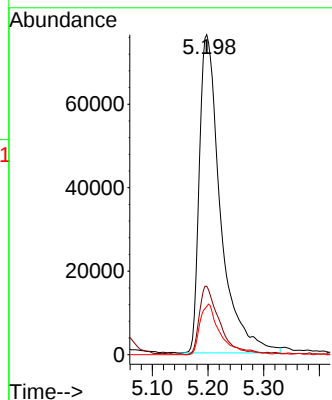
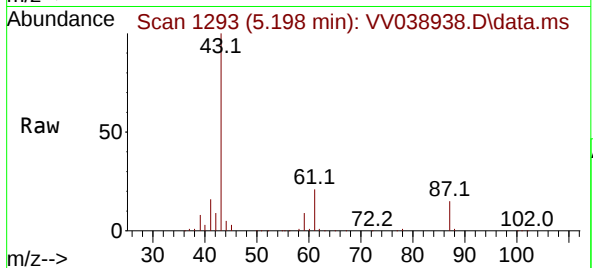




#43
Isopropyl Acetate
Concen: 20.745 ug/l
RT: 5.198 min Scan# 1293
Delta R.T. 0.007 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

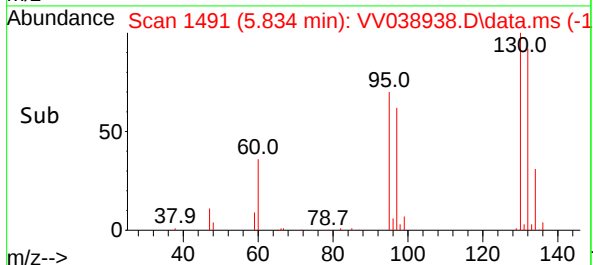
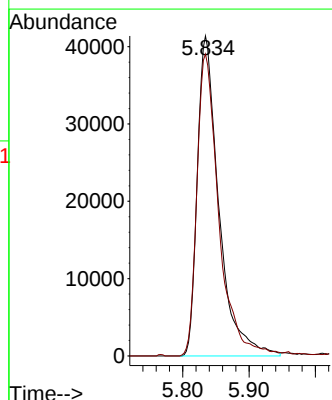
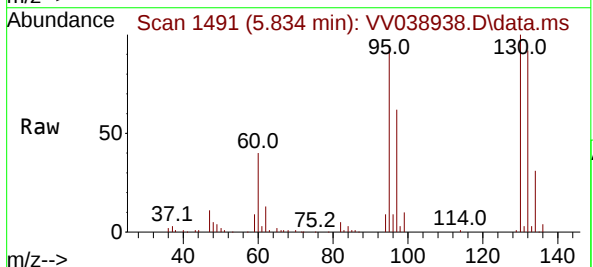
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

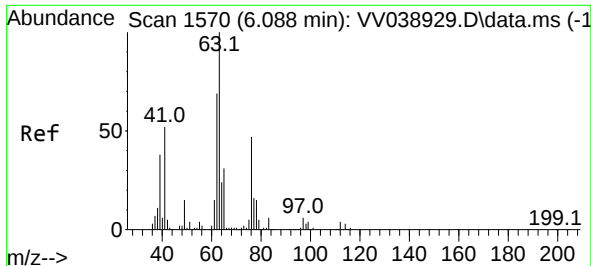
Tgt Ion: 43 Resp: 201255
Ion Ratio Lower Upper
43 100
61 20.7 17.0 25.6
87 15.4 12.2 18.4



#44
Trichloroethene
Concen: 20.063 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion:130 Resp: 93184
Ion Ratio Lower Upper
130 100
95 94.3 0.0 181.2





#45

1,2-Dichloropropane

Concen: 20.390 ug/l

RT: 6.095 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

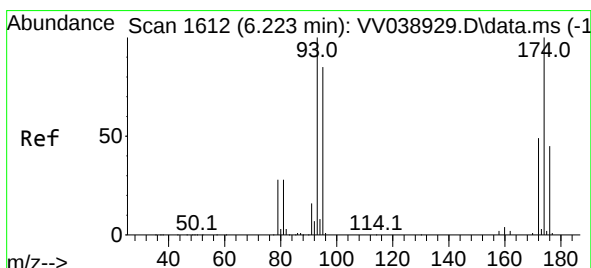
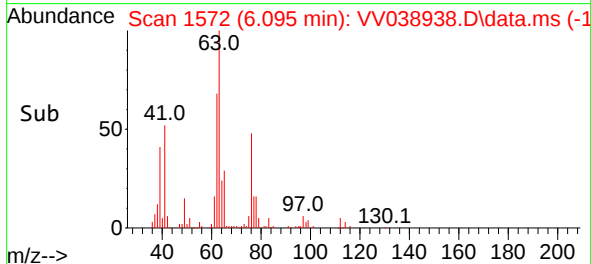
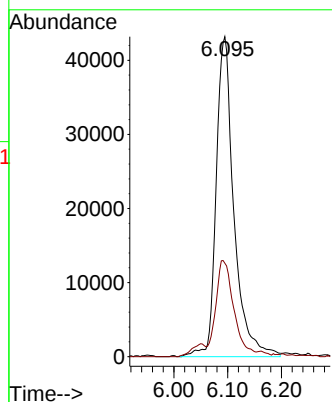
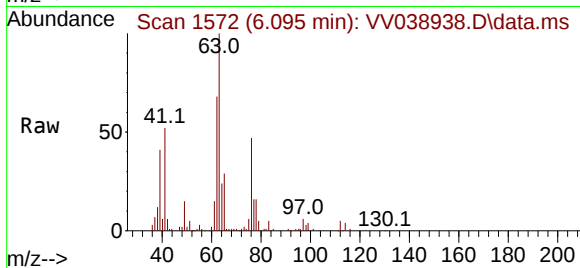
VV0811WBS01

Tgt Ion: 63 Resp: 99036

Ion Ratio Lower Upper

63 100

65 28.9 25.0 37.6



#46

Dibromomethane

Concen: 21.453 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.006 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

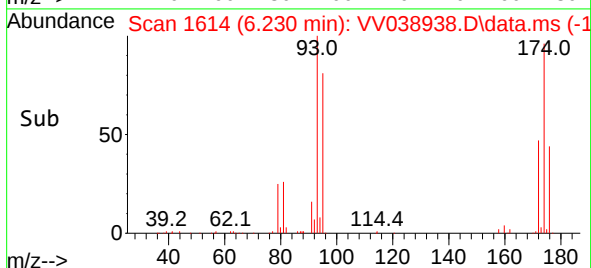
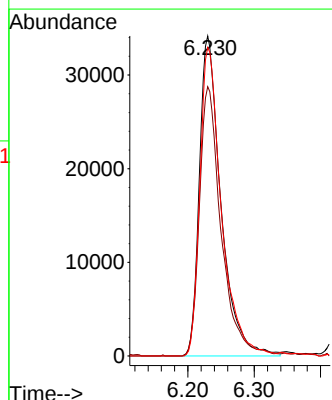
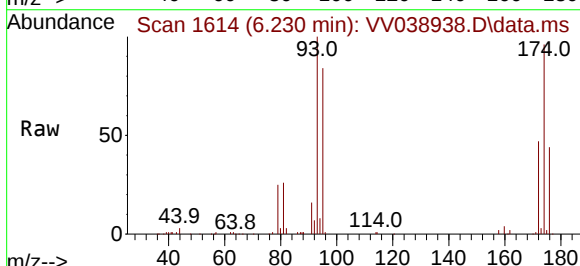
Tgt Ion: 93 Resp: 77132

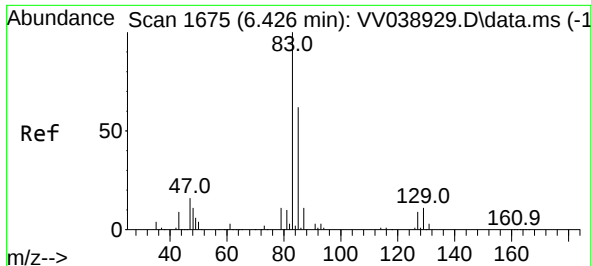
Ion Ratio Lower Upper

93 100

95 84.6 67.8 101.6

174 96.8 77.4 116.0

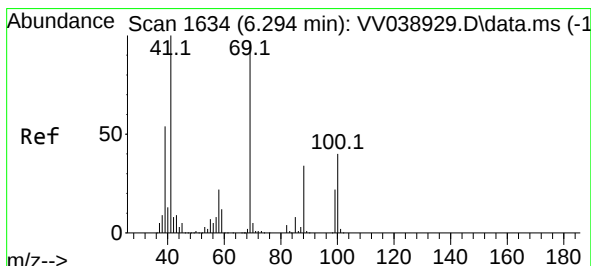
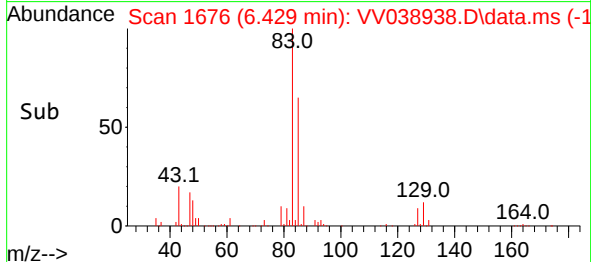
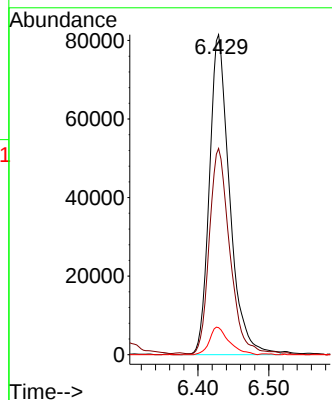
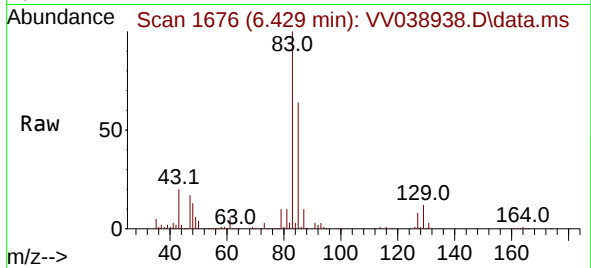




#47
Bromodichloromethane
Concen: 20.221 ug/l
RT: 6.429 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

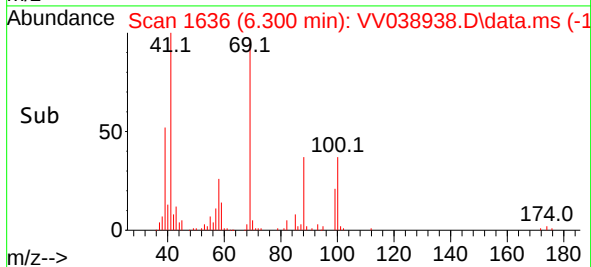
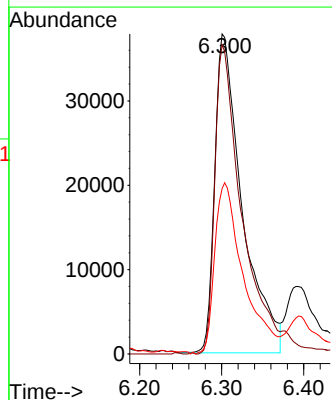
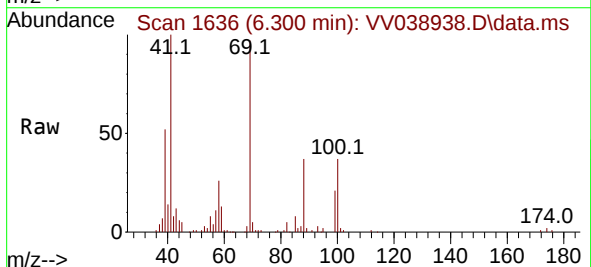
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

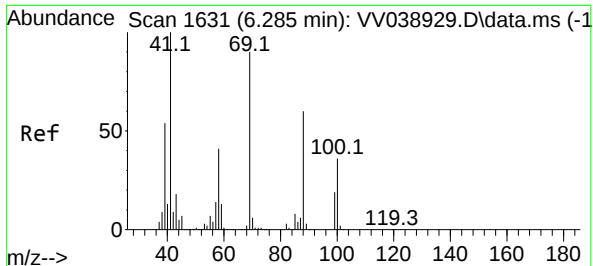
Tgt Ion: 83 Resp: 161528
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 20.515 ug/l
RT: 6.300 min Scan# 1636
Delta R.T. 0.006 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 41 Resp: 88130
Ion Ratio Lower Upper
41 100
69 98.6 78.4 117.6
39 56.0 43.3 64.9





#49

1,4-Dioxane

Concen: 417.427 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBS01

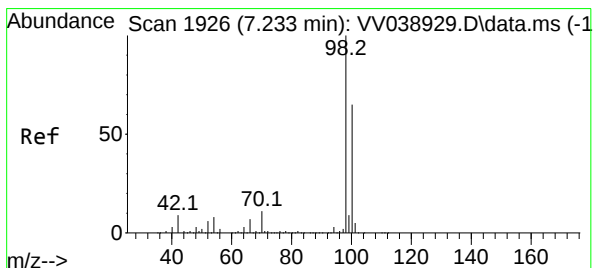
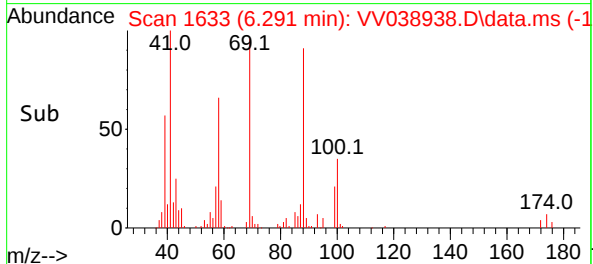
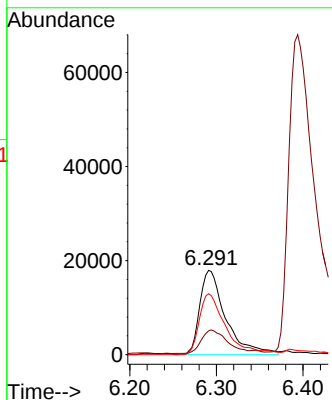
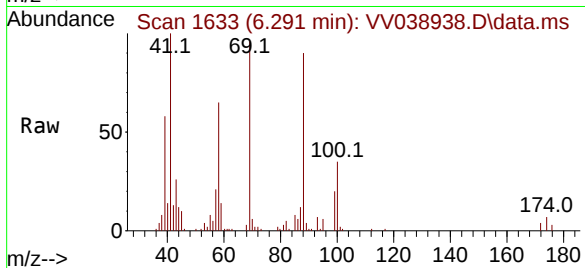
Tgt Ion: 88 Resp: 37375

Ion Ratio Lower Upper

88 100

43 27.6 24.2 36.2

58 73.8 55.4 83.2



#50

Toluene-d8

Concen: 49.697 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV038938.D

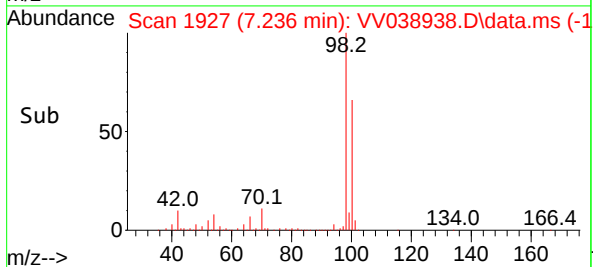
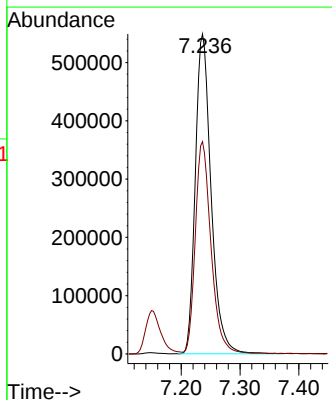
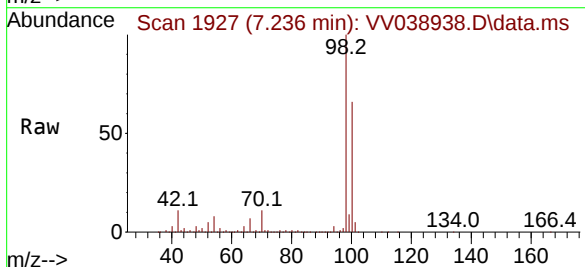
Acq: 11 Aug 2025 11:32

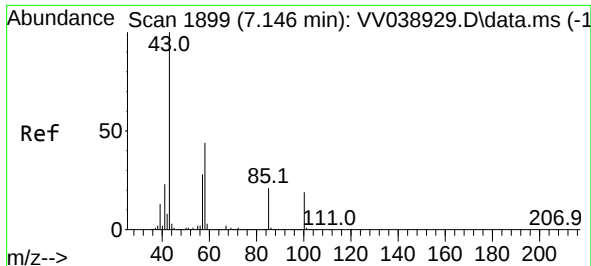
Tgt Ion: 98 Resp: 1020325

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 116.148 ug/l

RT: 7.149 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

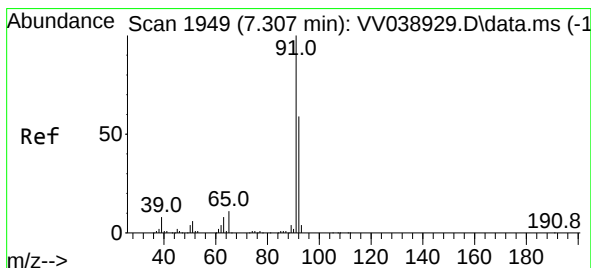
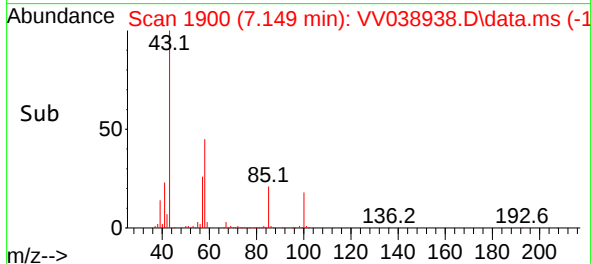
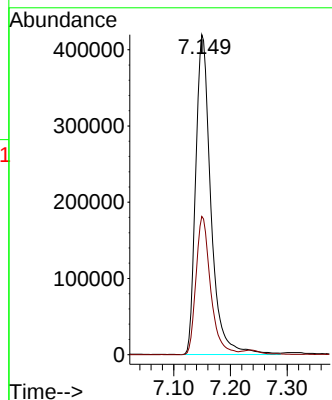
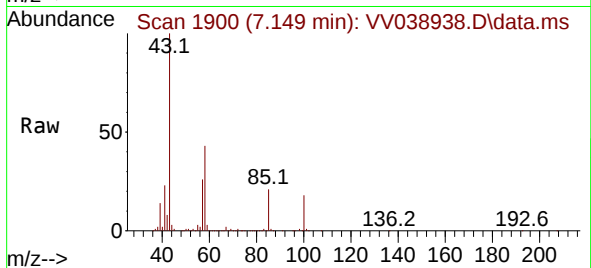
VV0811WBS01

Tgt Ion: 43 Resp: 780532

Ion Ratio Lower Upper

43 100

58 41.7 34.2 51.2



#52

Toluene

Concen: 21.353 ug/l

RT: 7.310 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV038938.D

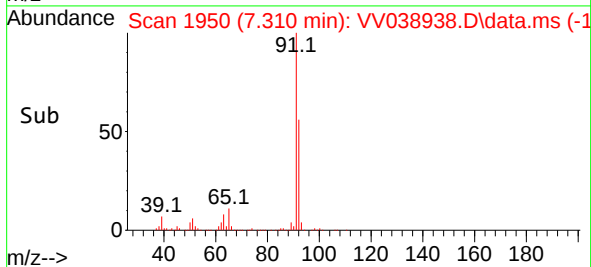
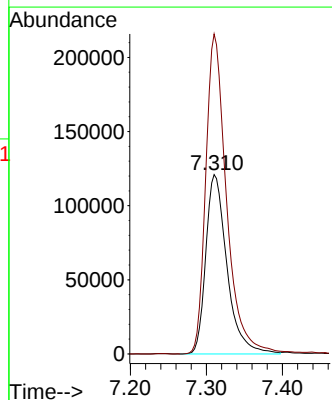
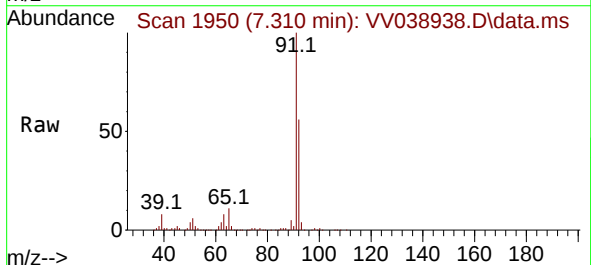
Acq: 11 Aug 2025 11:32

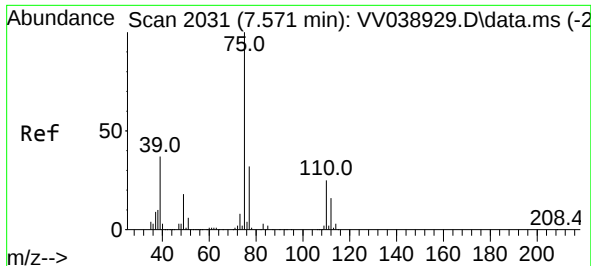
Tgt Ion: 92 Resp: 234466

Ion Ratio Lower Upper

92 100

91 175.6 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 21.140 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

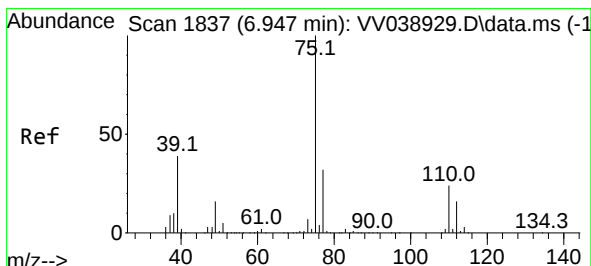
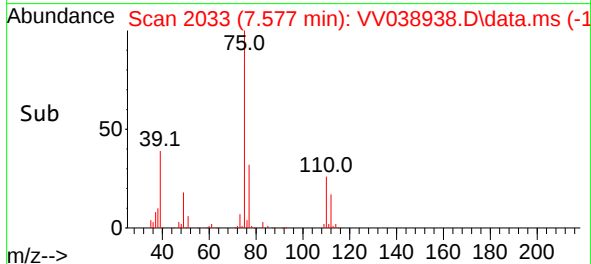
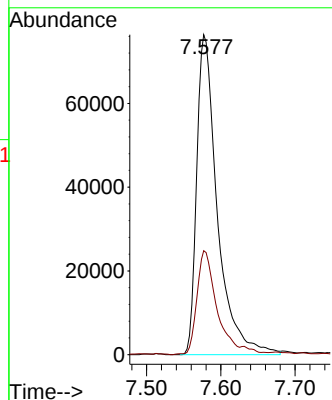
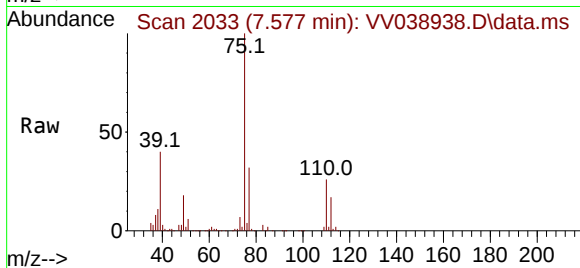
VV0811WBS01

Tgt Ion: 75 Resp: 147731

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 20.578 ug/l

RT: 6.953 min Scan# 1839

Delta R.T. 0.006 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

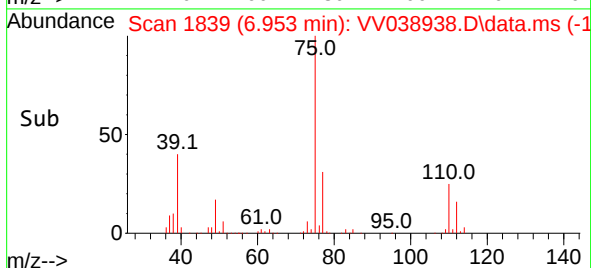
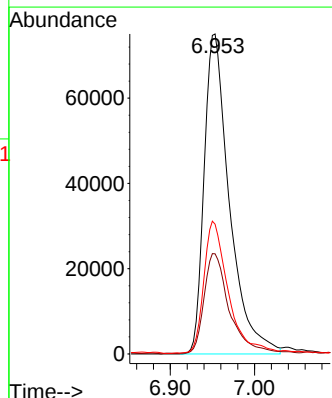
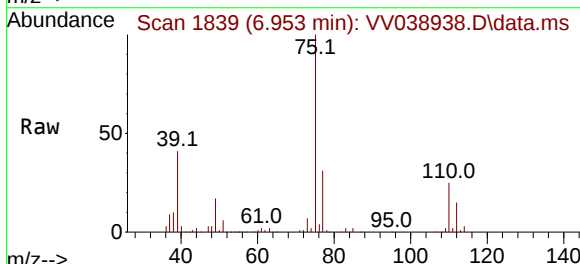
Tgt Ion: 75 Resp: 156992

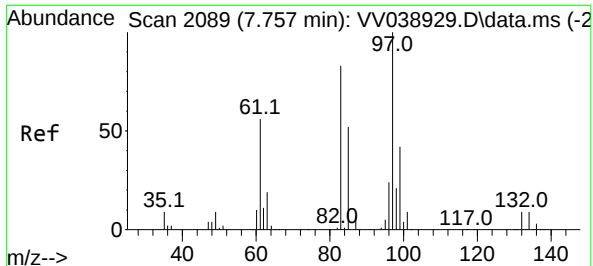
Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

39 40.3 31.6 47.4

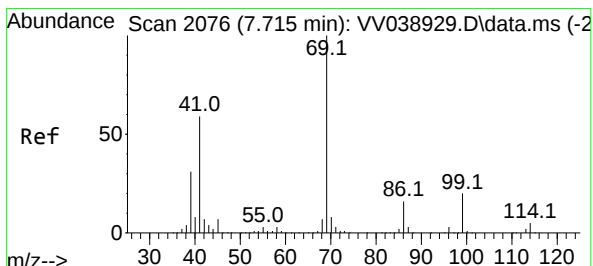
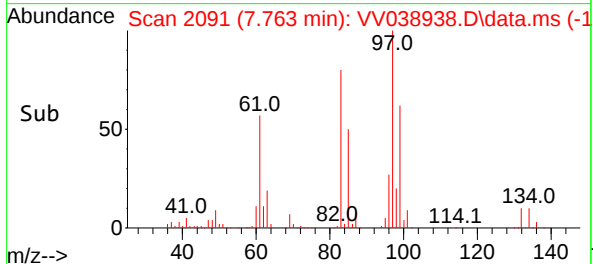
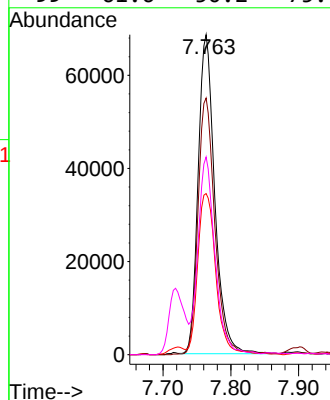
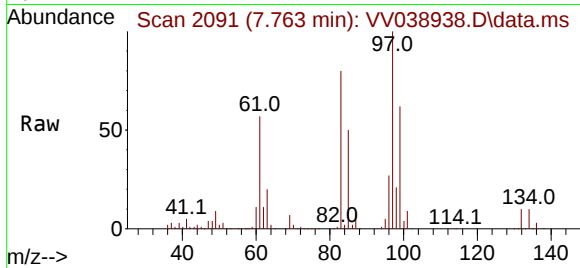




#55
1,1,2-Trichloroethane
Concen: 21.722 ug/l
RT: 7.763 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

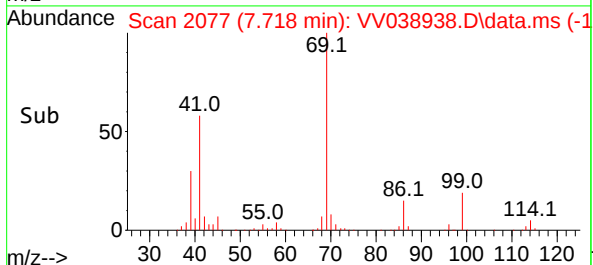
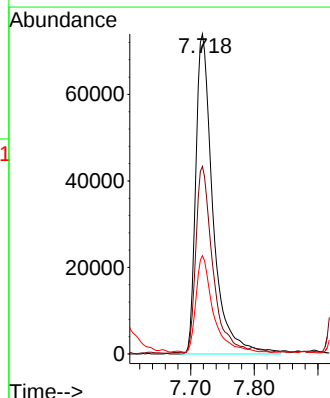
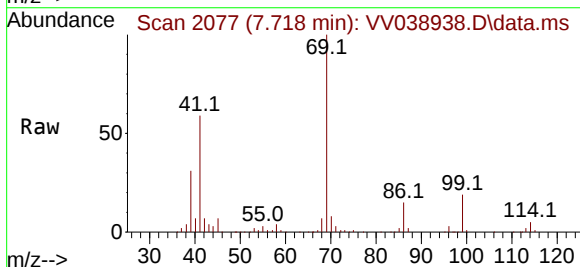
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

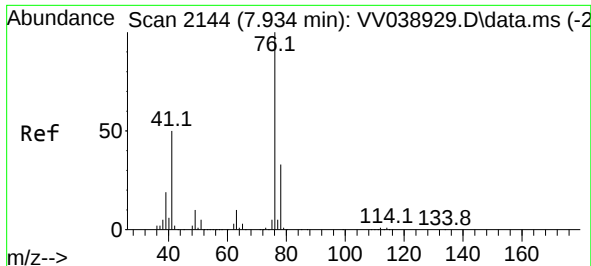
Tgt Ion:	97	Resp:	116723
Ion	Ratio	Lower	Upper
97	100		
83	80.2	66.2	99.4
85	50.3	42.9	64.3
99	61.6	50.2	75.4



#56
Ethyl methacrylate
Concen: 22.087 ug/l
RT: 7.718 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion:	69	Resp:	139029
Ion	Ratio	Lower	Upper
69	100		
41	56.8	45.8	68.8
39	29.8	23.4	35.0





#57

1,3-Dichloropropane

Concen: 21.004 ug/l

RT: 7.937 min Scan# 2144

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

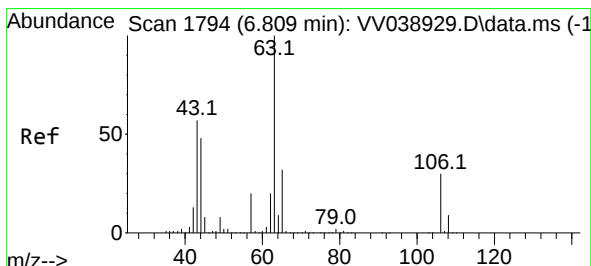
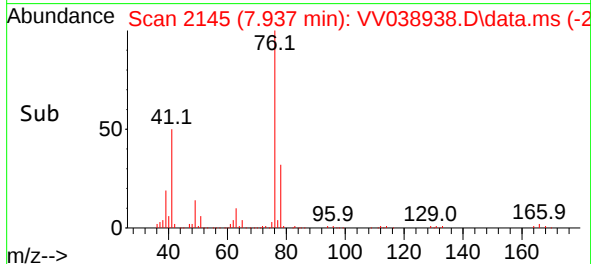
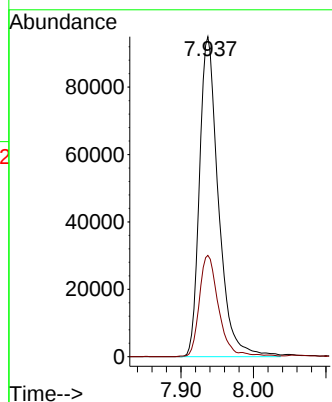
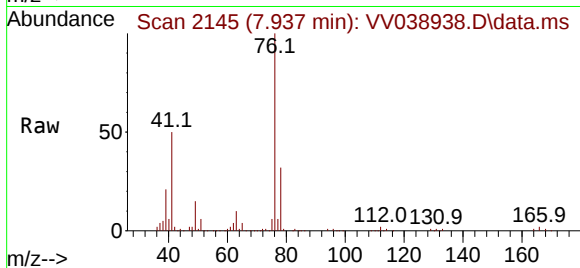
VV0811WBS01

Tgt Ion: 76 Resp: 172638

Ion Ratio Lower Upper

76 100

78 31.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 100.366 ug/l

RT: 6.815 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VV038938.D

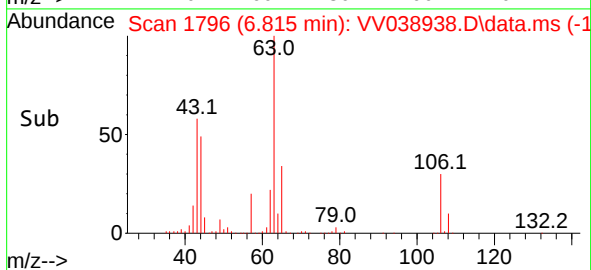
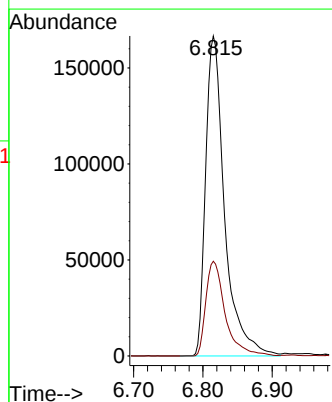
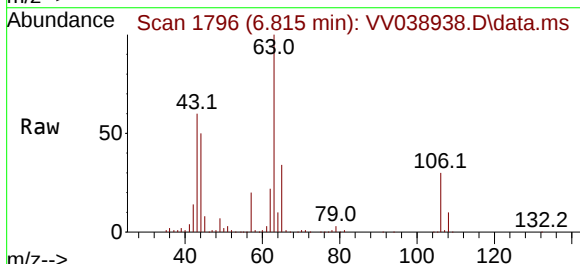
Acq: 11 Aug 2025 11:32

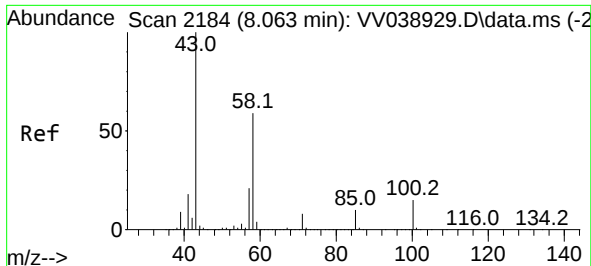
Tgt Ion: 63 Resp: 316451

Ion Ratio Lower Upper

63 100

106 30.2 24.1 36.1

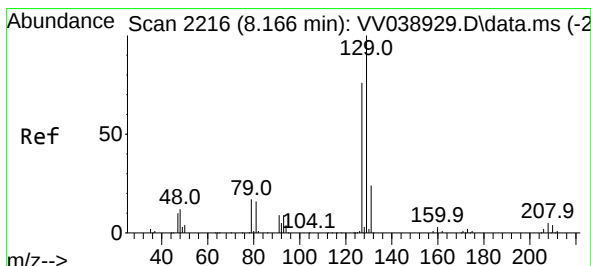
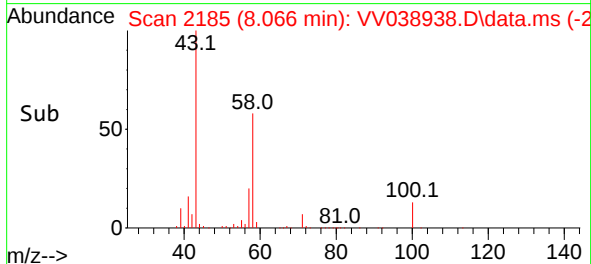
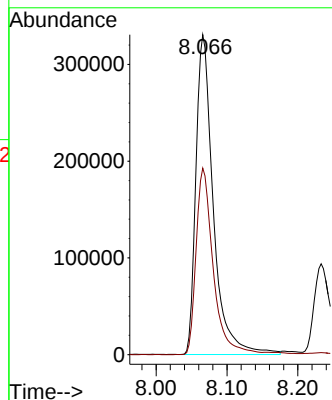
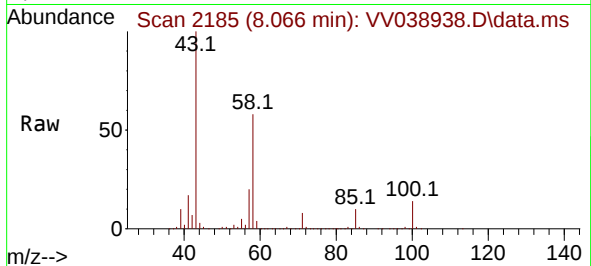




#59
2-Hexanone
Concen: 116.414 ug/l
RT: 8.066 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

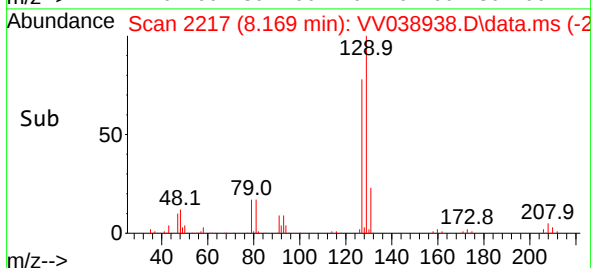
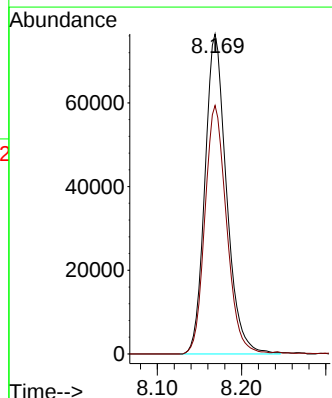
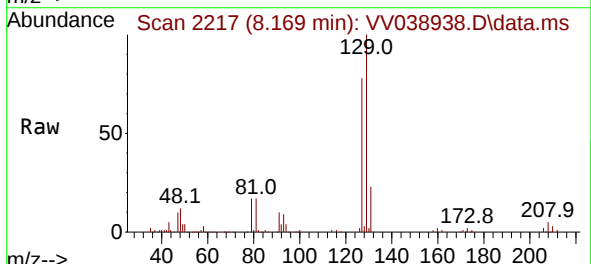
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

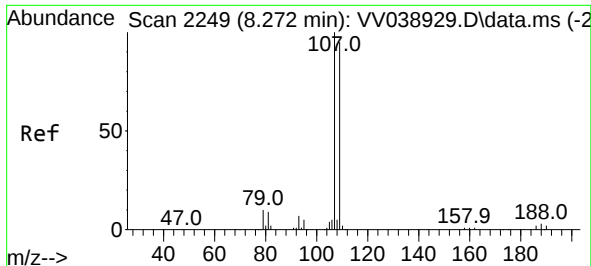
Tgt Ion: 43 Resp: 564689
Ion Ratio Lower Upper
43 100
58 57.4 29.3 87.8



#60
Dibromochloromethane
Concen: 20.681 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 129 Resp: 136076
Ion Ratio Lower Upper
129 100
127 78.1 38.2 114.6

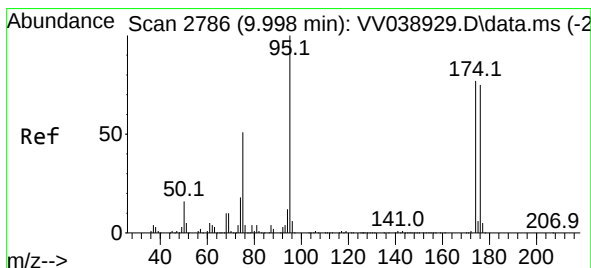
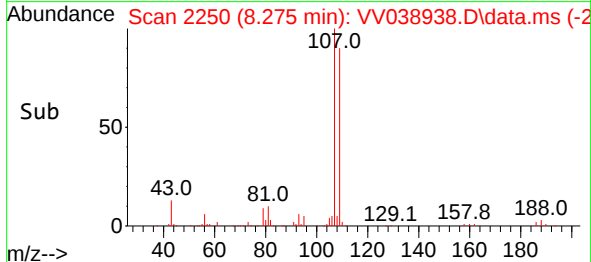
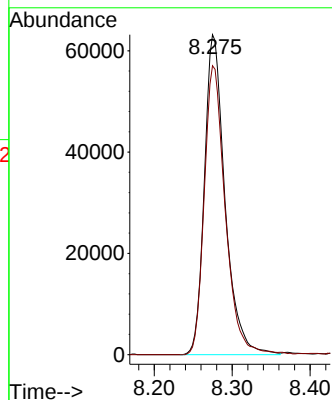
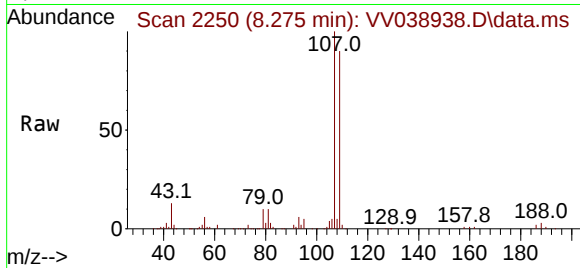




#61
1,2-Dibromoethane
Concen: 21.777 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

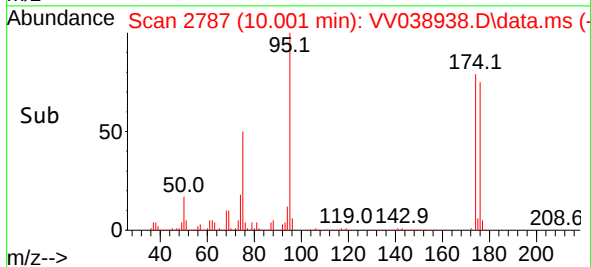
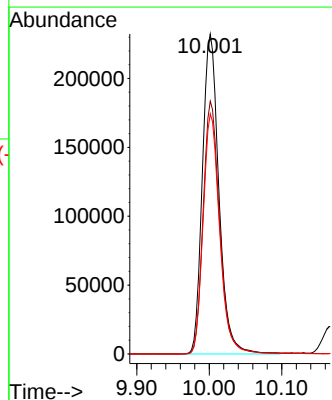
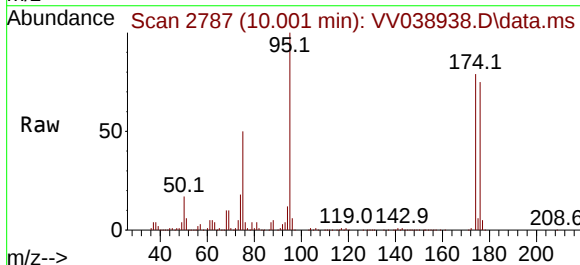
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

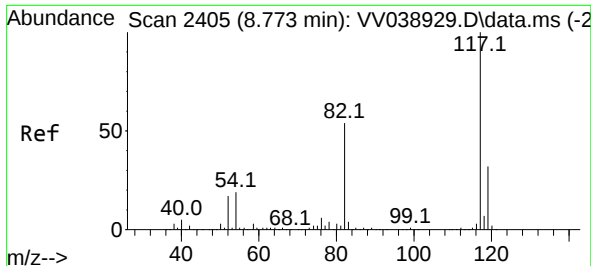
Tgt Ion:107 Resp: 116164
Ion Ratio Lower Upper
107 100
109 92.3 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 49.767 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 95 Resp: 367984
Ion Ratio Lower Upper
95 100
174 79.3 0.0 156.6
176 75.0 0.0 153.0

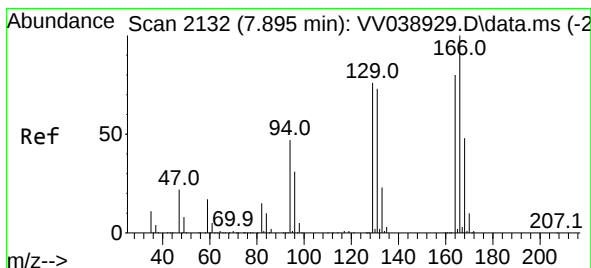
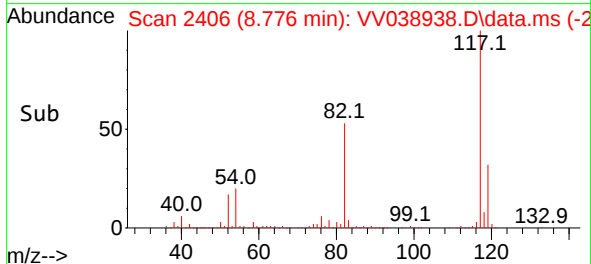
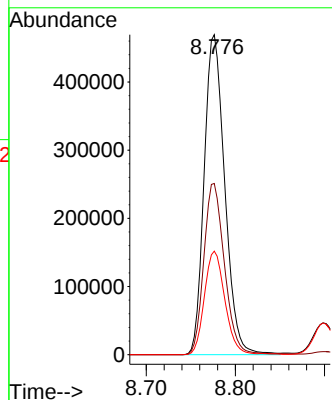
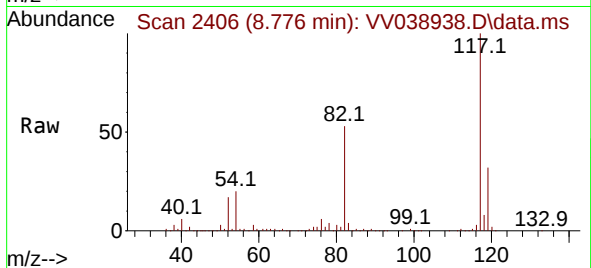




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

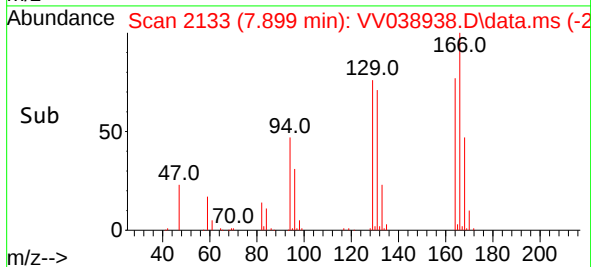
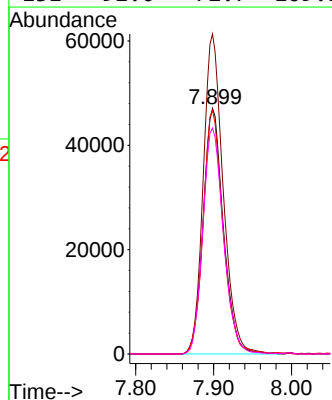
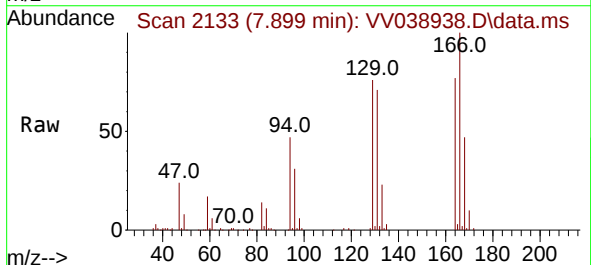
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

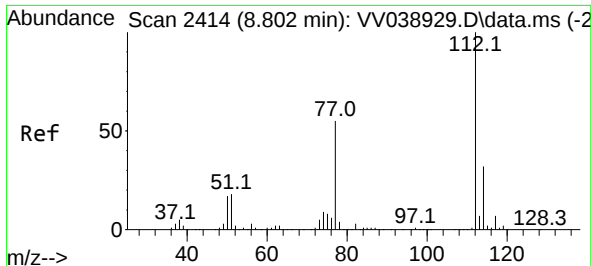
Tgt Ion:117 Resp: 754770
Ion Ratio Lower Upper
117 100
82 53.5 43.2 64.8
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 19.197 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion:164 Resp: 85039
Ion Ratio Lower Upper
164 100
166 130.3 100.2 150.4
129 99.2 76.7 115.1
131 92.0 72.7 109.1

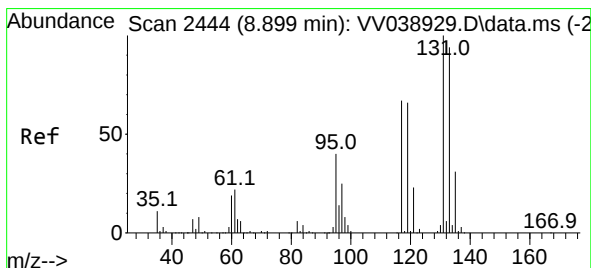
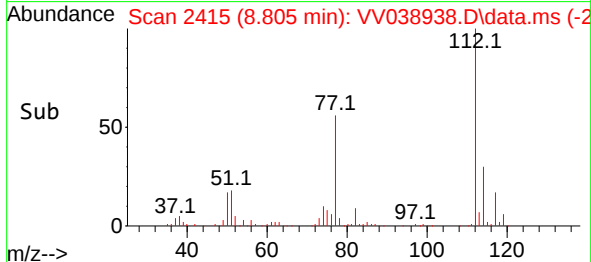
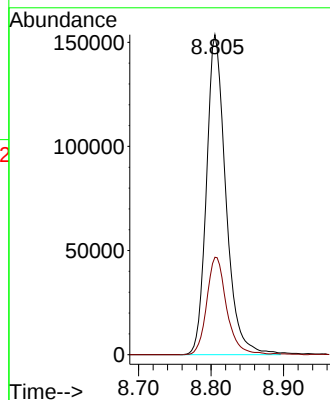
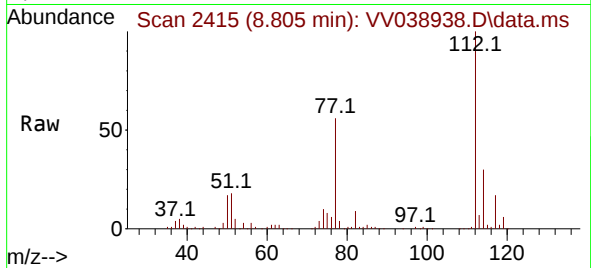




#65
Chlorobenzene
Concen: 19.352 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

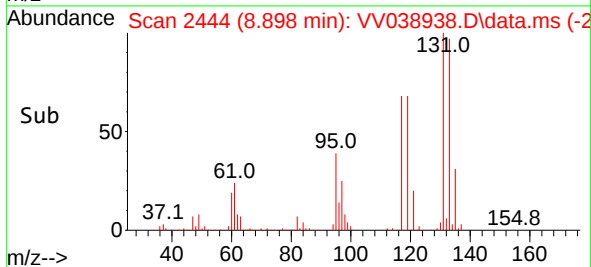
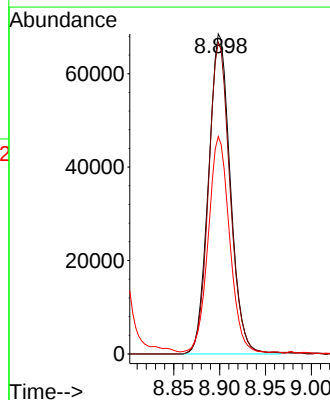
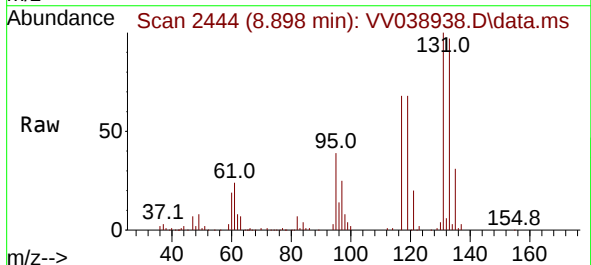
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

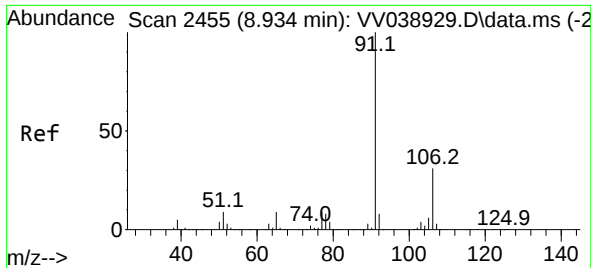
Tgt Ion:112 Resp: 285526
Ion Ratio Lower Upper
112 100
114 30.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.560 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion:131 Resp: 113513
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 65.9 32.8 98.3





#67

Ethyl Benzene

Concen: 19.732 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

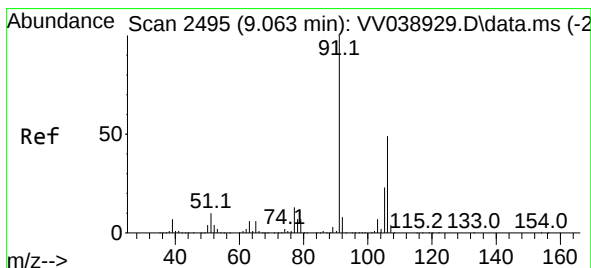
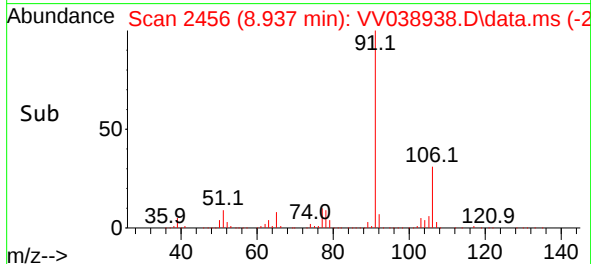
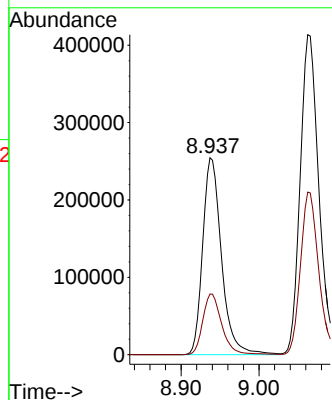
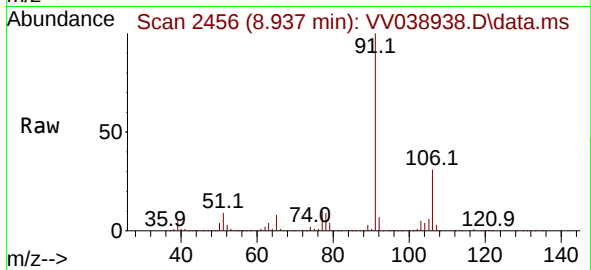
VV0811WBS01

Tgt Ion: 91 Resp: 427611

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.6



#68

m/p-Xylenes

Concen: 41.558 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038938.D

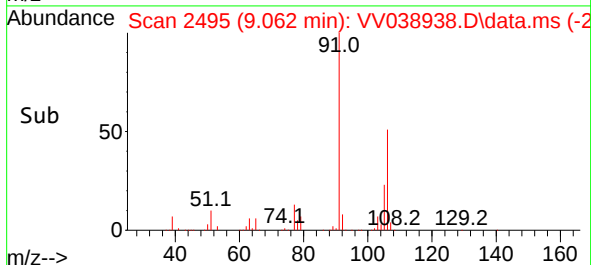
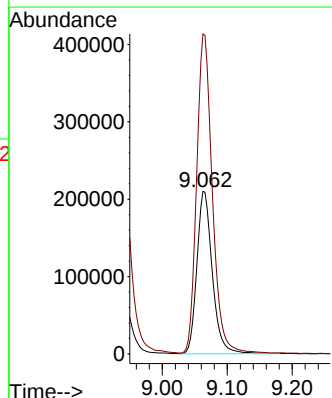
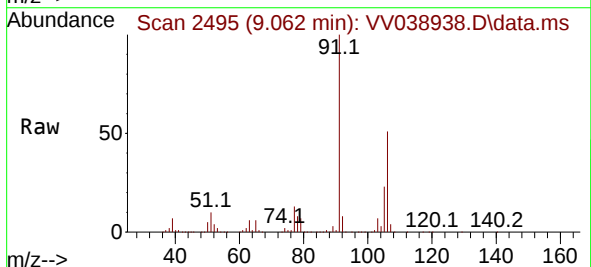
Acq: 11 Aug 2025 11:32

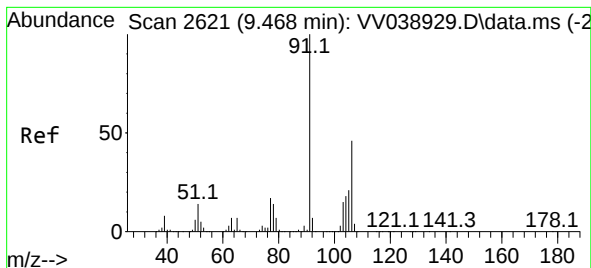
Tgt Ion:106 Resp: 347094

Ion Ratio Lower Upper

106 100

91 199.6 163.4 245.2





#69

o-Xylene

Concen: 20.146 ug/l

RT: 9.471 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

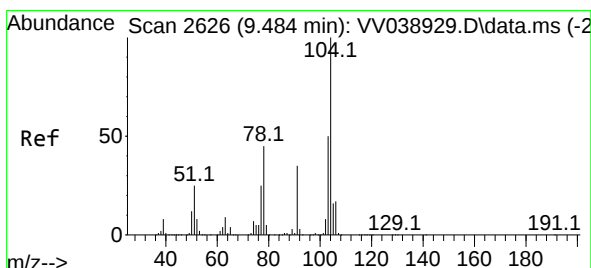
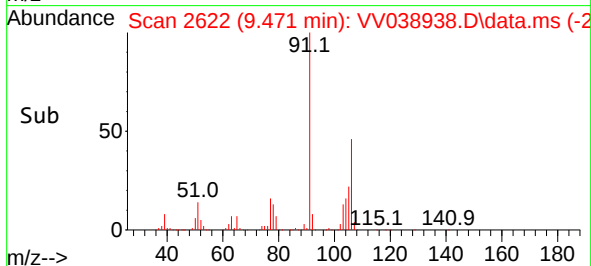
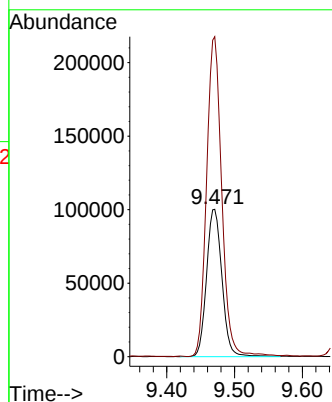
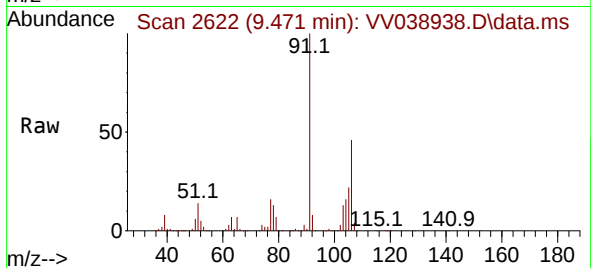
VV0811WBS01

Tgt Ion:106 Resp: 158218

Ion Ratio Lower Upper

106 100

91 213.6 109.1 327.3



#70

Styrene

Concen: 20.508 ug/l

RT: 9.487 min Scan# 2627

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

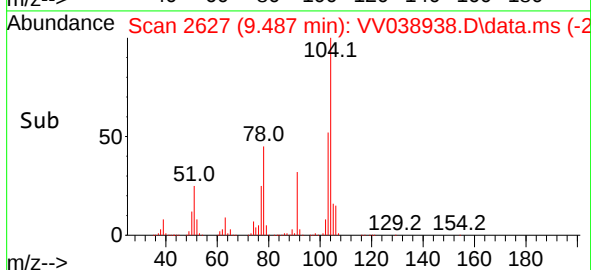
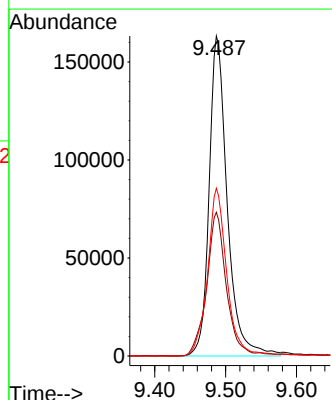
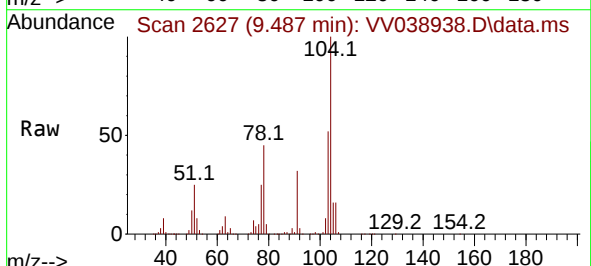
Tgt Ion:104 Resp: 289986

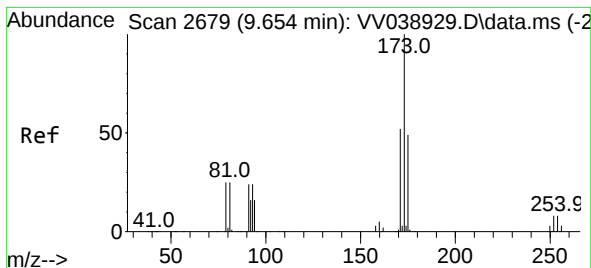
Ion Ratio Lower Upper

104 100

78 48.3 39.8 59.6

103 55.6 43.8 65.6





#71

Bromoform

Concen: 20.189 ug/l

RT: 9.657 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBS01

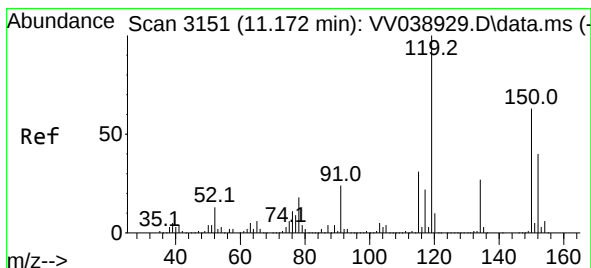
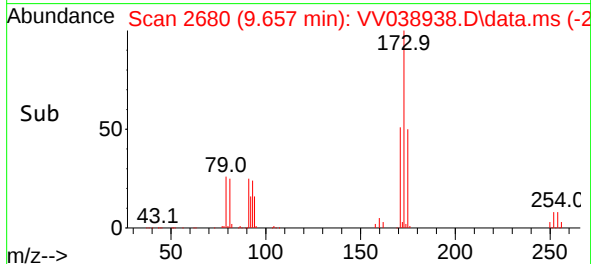
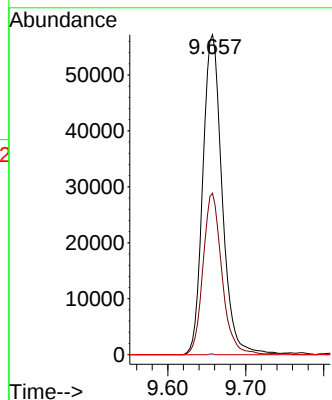
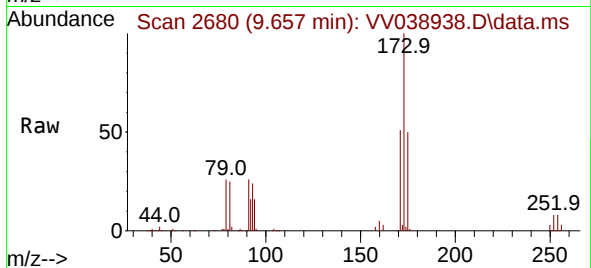
Tgt Ion:173 Resp: 98459

Ion Ratio Lower Upper

173 100

175 49.4 24.3 72.9

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

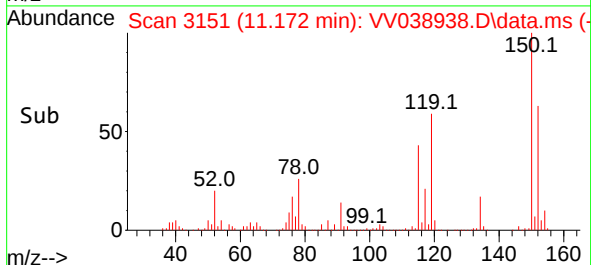
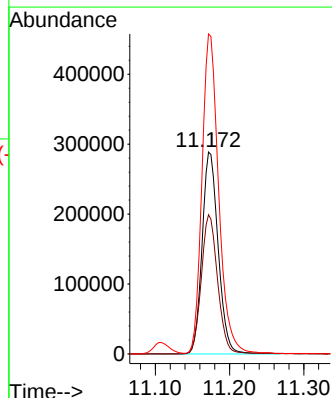
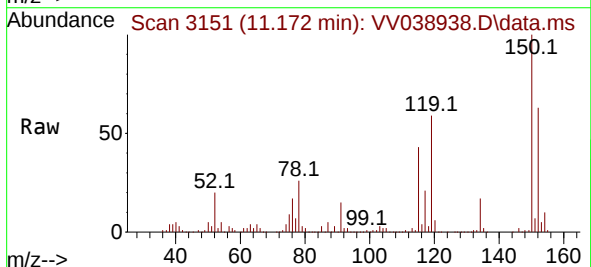
Tgt Ion:152 Resp: 434736

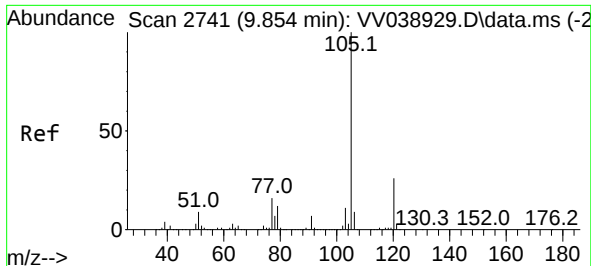
Ion Ratio Lower Upper

152 100

115 69.6 41.0 123.2

150 164.5 0.0 345.4

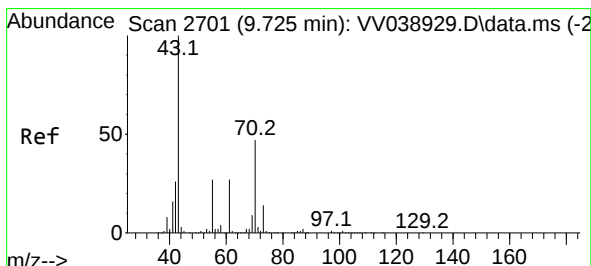
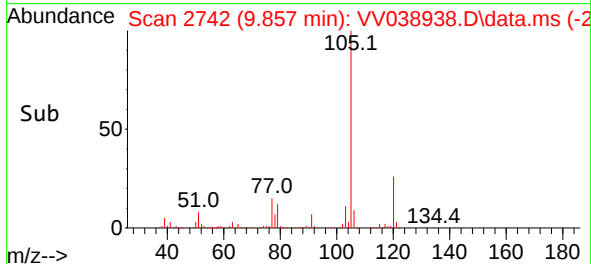
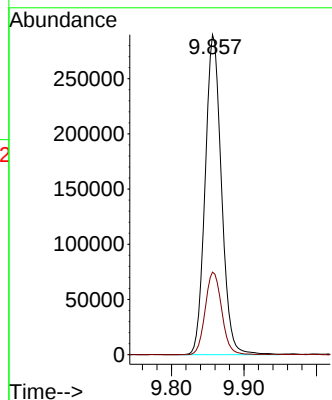
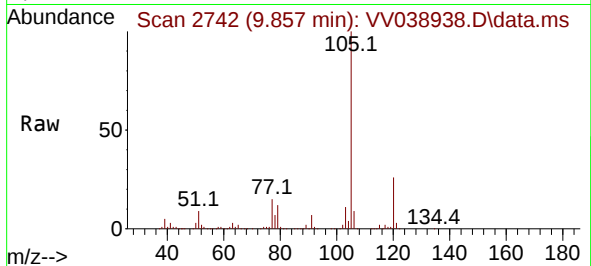




#73
Isopropylbenzene
Concen: 19.956 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

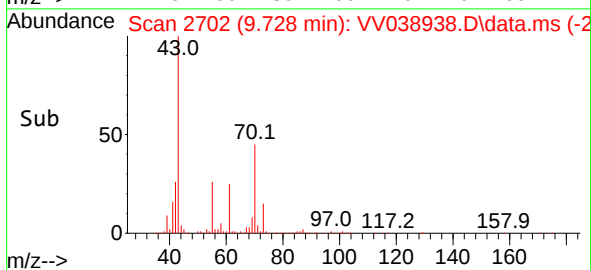
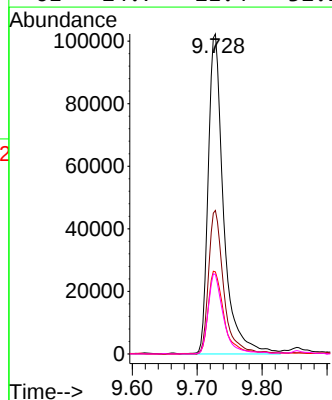
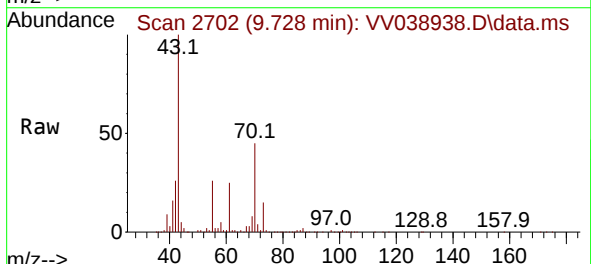
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

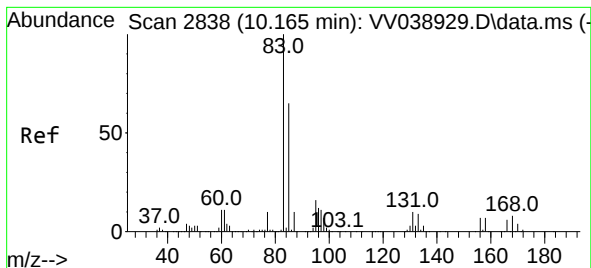
Tgt Ion:105 Resp: 452835
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.8



#74
N-ethyl acetate
Concen: 21.235 ug/l
RT: 9.728 min Scan# 2702
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 43 Resp: 169334
Ion Ratio Lower Upper
43 100
70 43.6 37.4 56.0
55 26.3 22.1 33.1
61 24.7 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.010 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBS01

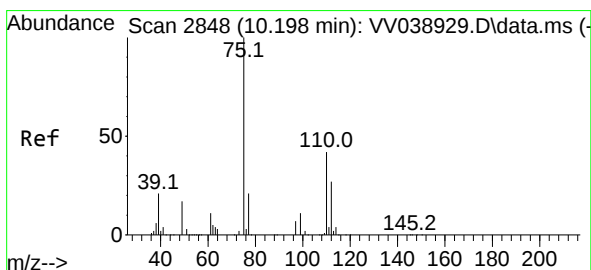
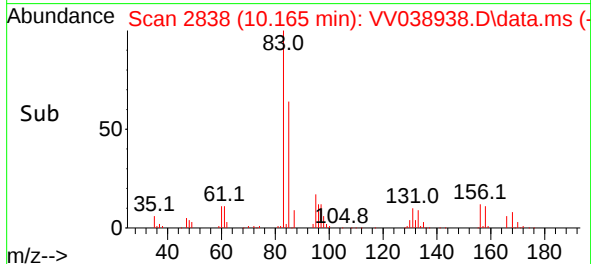
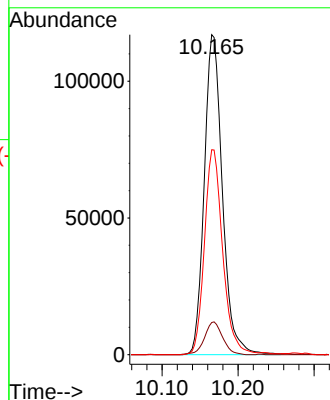
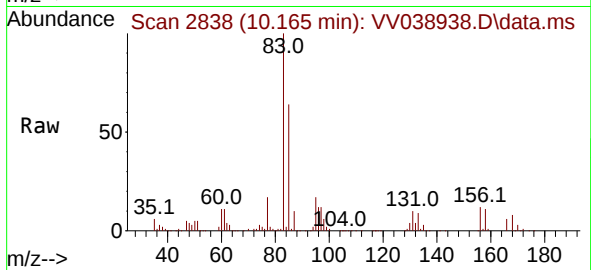
Tgt Ion: 83 Resp: 194132

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 64.5 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 20.407 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. -0.000 min

Lab File: VV038938.D

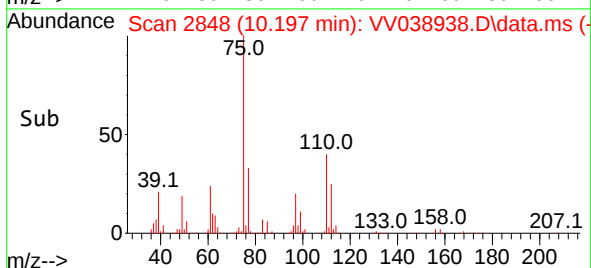
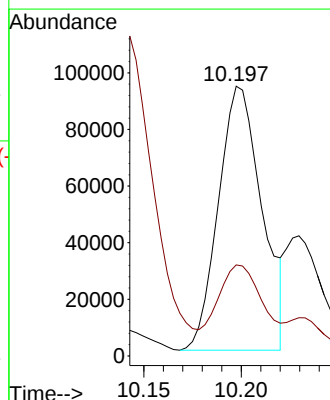
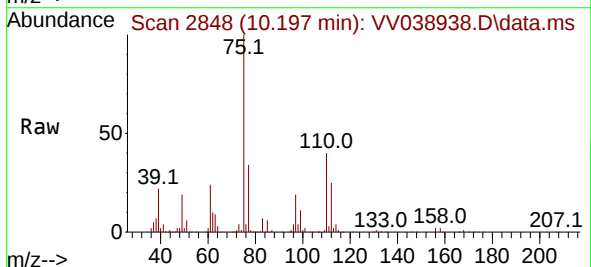
Acq: 11 Aug 2025 11:32

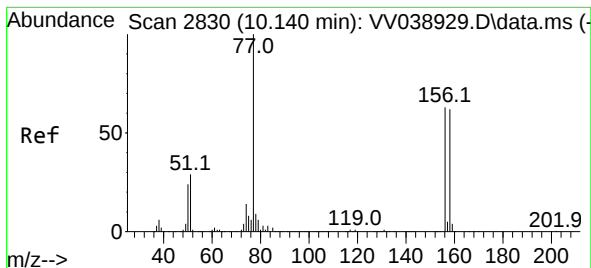
Tgt Ion: 75 Resp: 144954

Ion Ratio Lower Upper

75 100

77 22.3 11.9 35.9





#77

Bromobenzene

Concen: 20.192 ug/l

RT: 10.143 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBS01

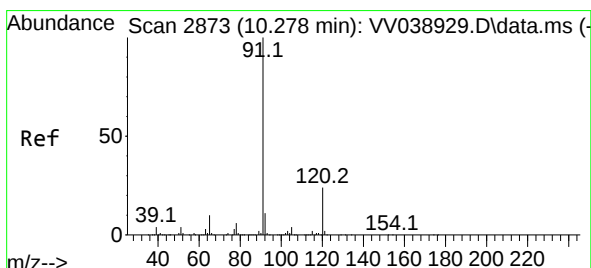
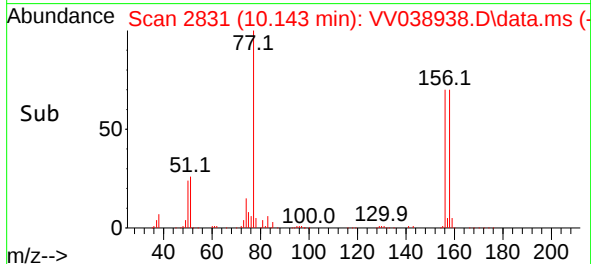
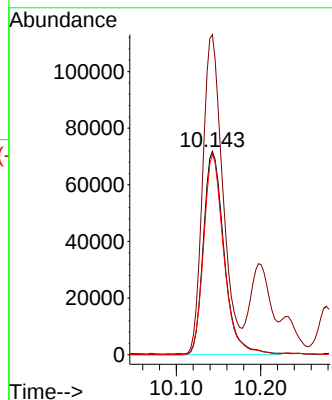
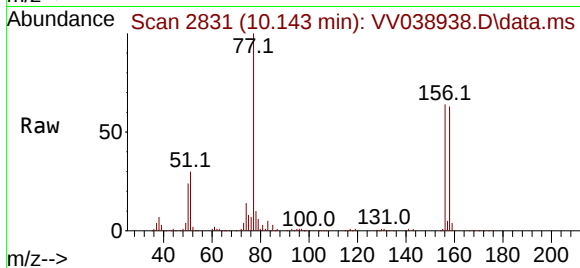
Tgt Ion:156 Resp: 122997

Ion Ratio Lower Upper

156 100

77 152.0 78.8 236.5

158 96.2 49.6 148.8



#78

n-propylbenzene

Concen: 20.295 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV038938.D

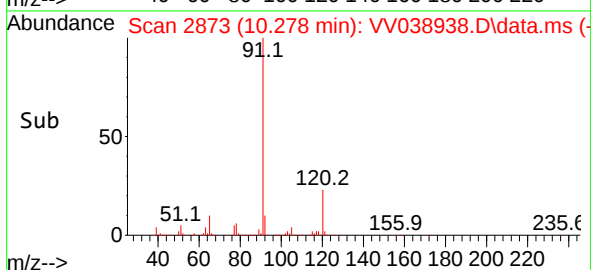
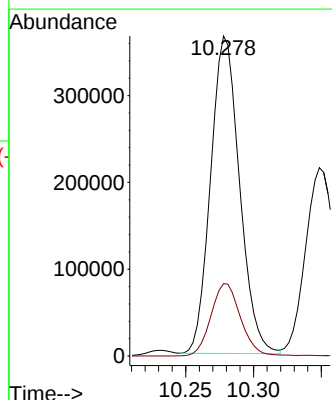
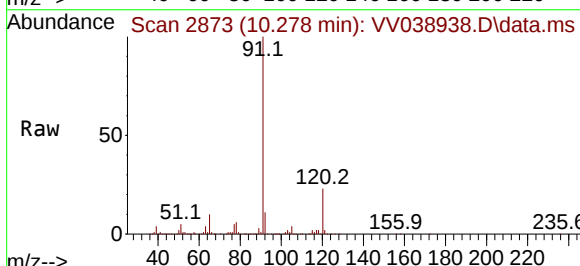
Acq: 11 Aug 2025 11:32

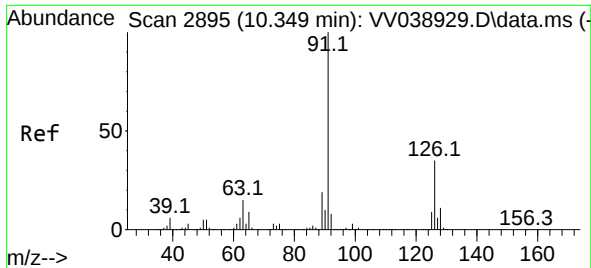
Tgt Ion: 91 Resp: 543284

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.7

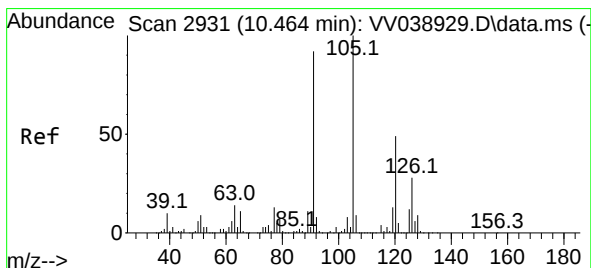
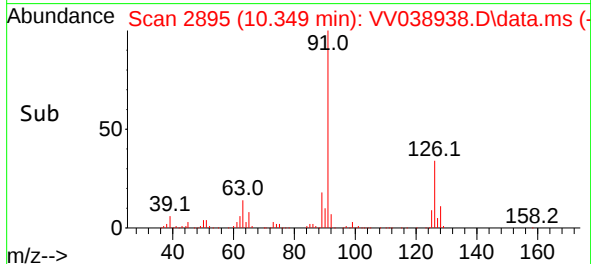
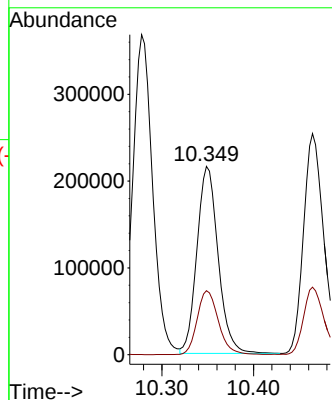
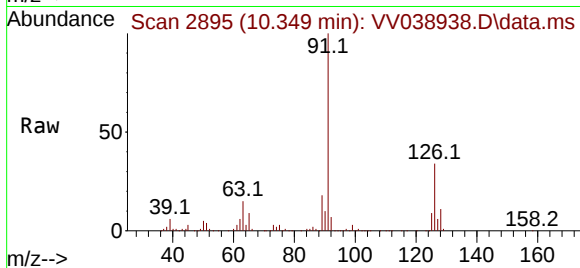




#79
2-Chlorotoluene
Concen: 21.035 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

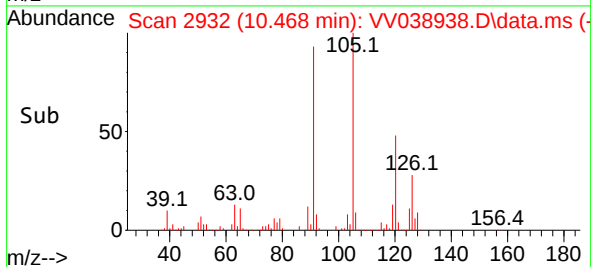
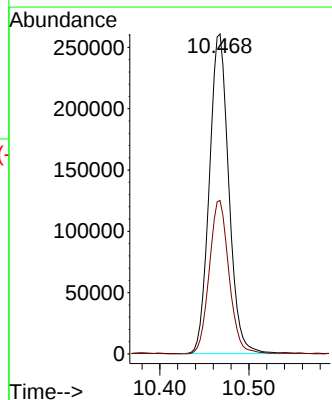
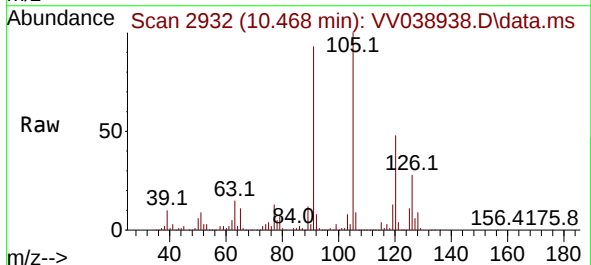
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

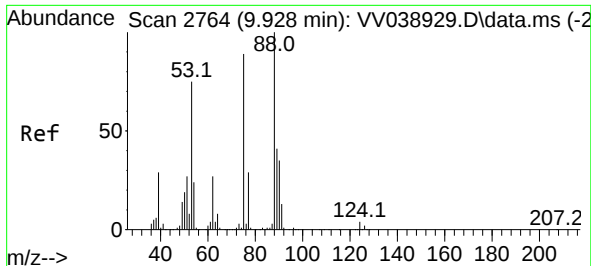
Tgt Ion: 91 Resp: 345612
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.670 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 105 Resp: 395723
Ion Ratio Lower Upper
105 100
120 48.6 24.6 73.6

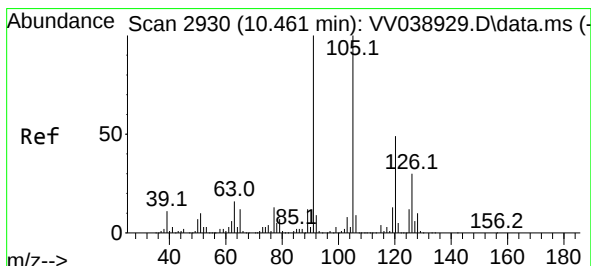
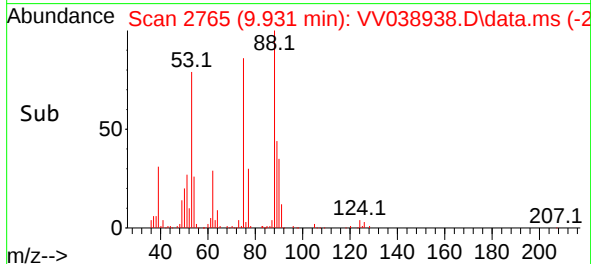
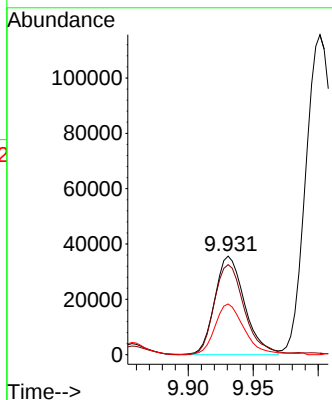
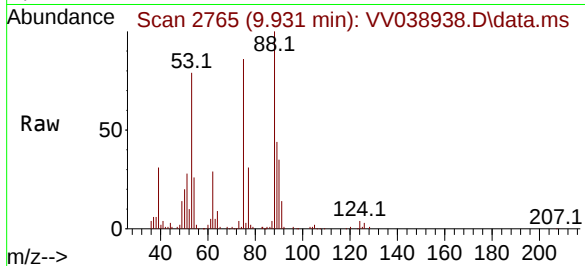




#81
trans-1,4-Dichloro-2-butene
Concen: 20.079 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

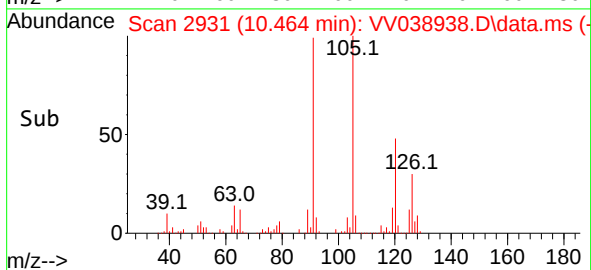
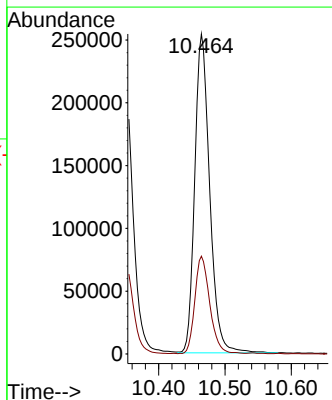
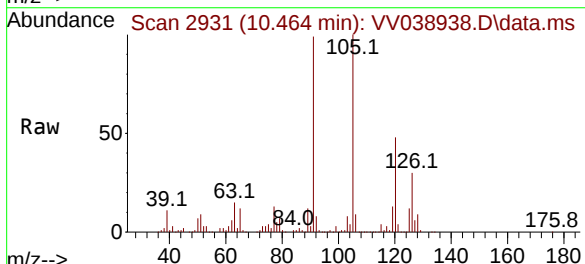
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

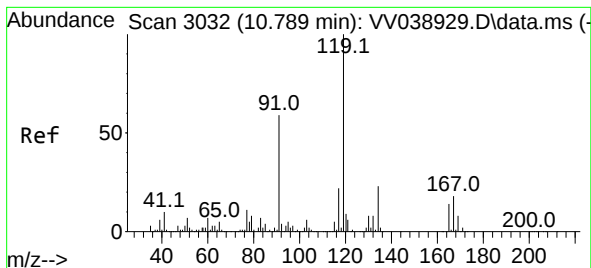
Tgt Ion: 75 Resp: 56965
Ion Ratio Lower Upper
75 100
53 92.3 69.0 103.4
89 51.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 20.704 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 91 Resp: 397854
Ion Ratio Lower Upper
91 100
126 30.5 15.0 45.0





#83

tert-Butylbenzene

Concen: 19.193 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBS01

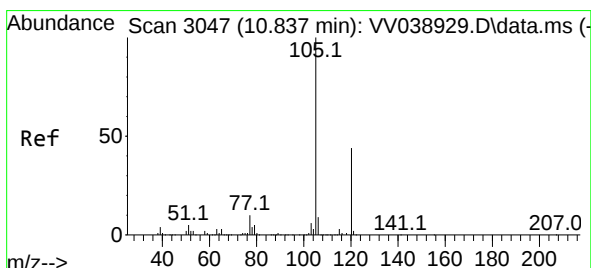
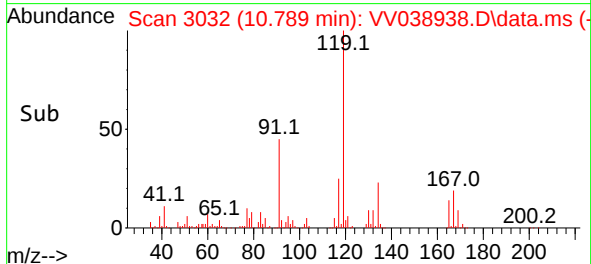
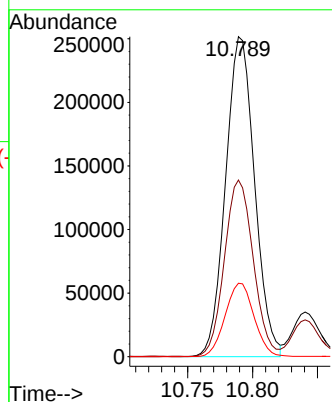
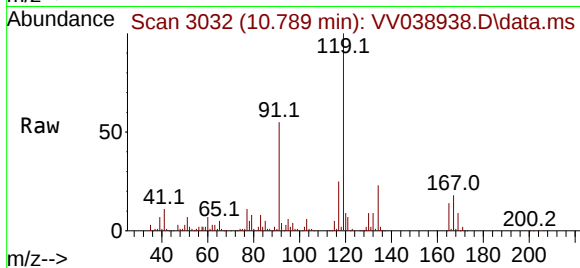
Tgt Ion:119 Resp: 391432

Ion Ratio Lower Upper

119 100

91 54.8 28.5 85.5

134 22.9 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 20.413 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038938.D

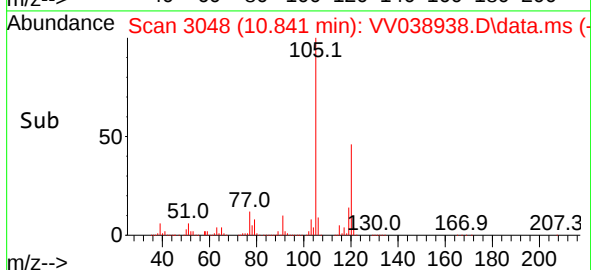
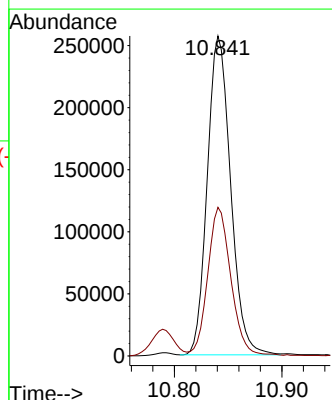
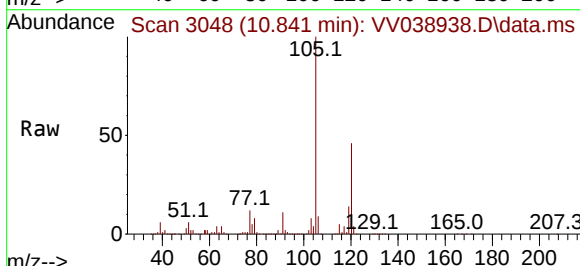
Acq: 11 Aug 2025 11:32

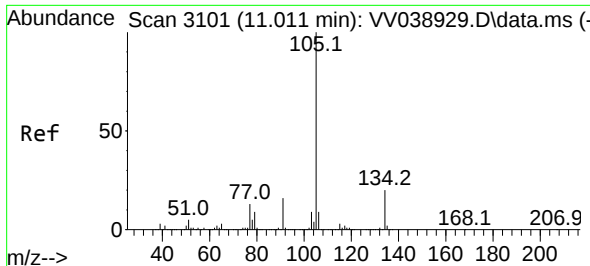
Tgt Ion:105 Resp: 387870

Ion Ratio Lower Upper

105 100

120 45.9 23.2 69.5

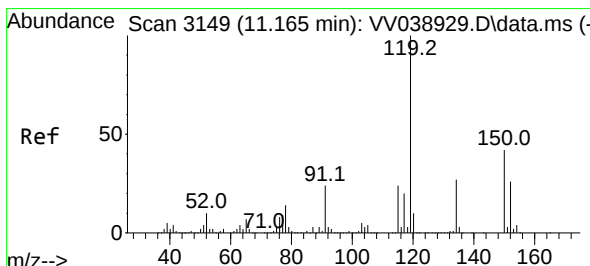
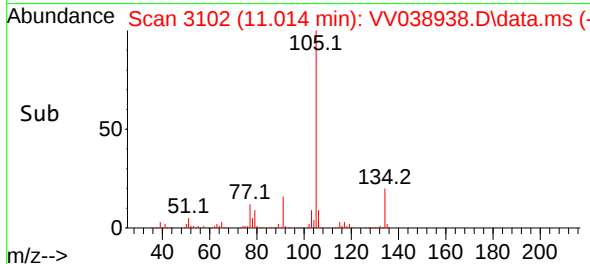
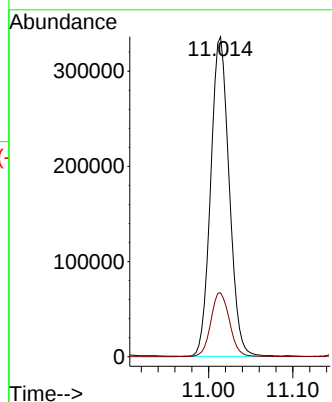
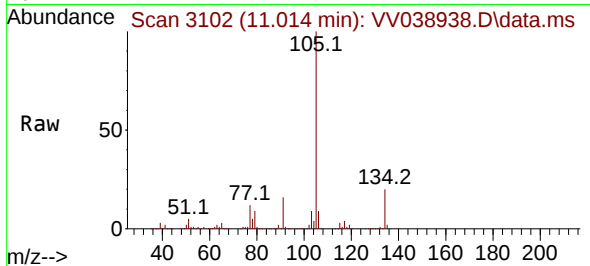




#85
 sec-Butylbenzene
 Concen: 19.838 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV038938.D
 Acq: 11 Aug 2025 11:32

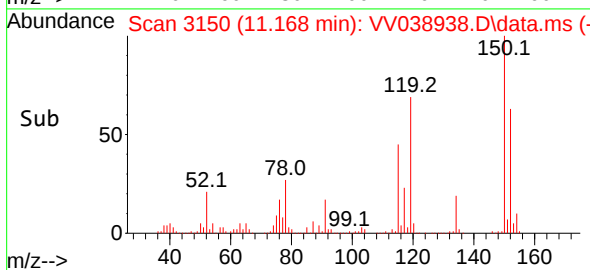
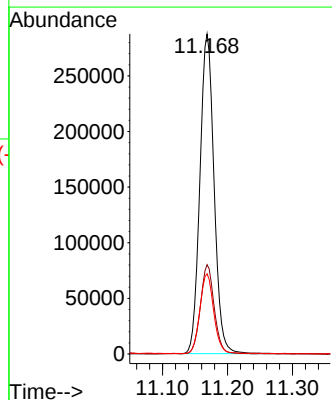
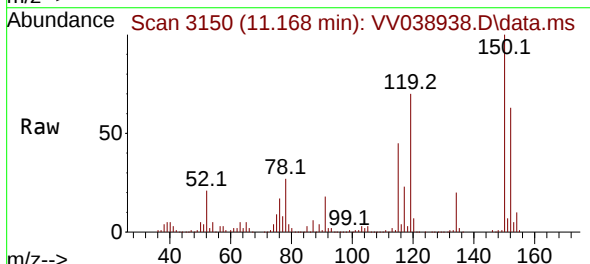
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBS01

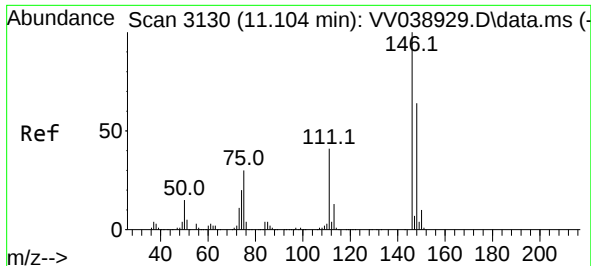
Tgt Ion:105 Resp: 511236
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.461 ug/l
 RT: 11.168 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VV038938.D
 Acq: 11 Aug 2025 11:32

Tgt Ion:119 Resp: 436881
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.6
 91 24.3 12.2 36.4

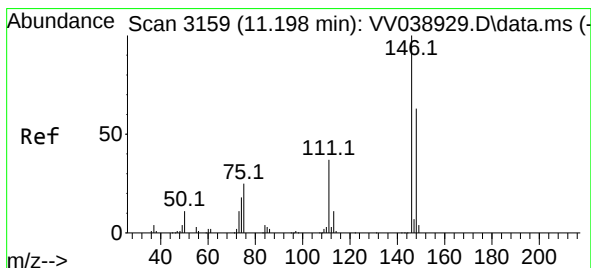
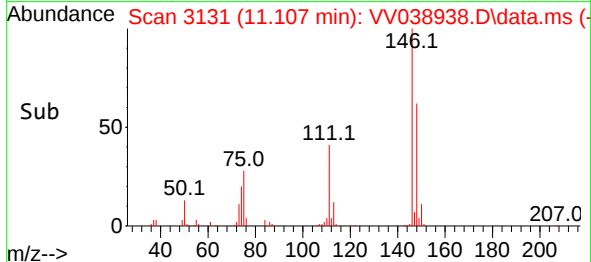
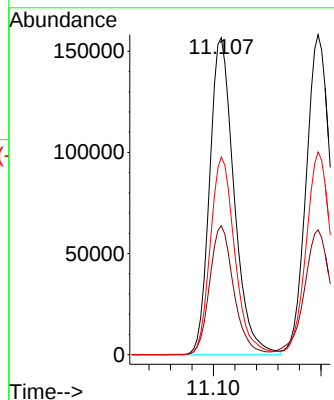
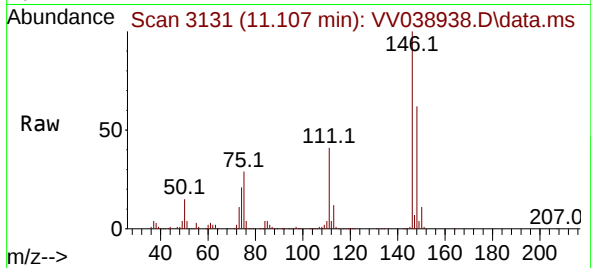




#87
1,3-Dichlorobenzene
Concen: 19.423 ug/l
RT: 11.107 min Scan# 3130
Delta R.T. 0.003 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

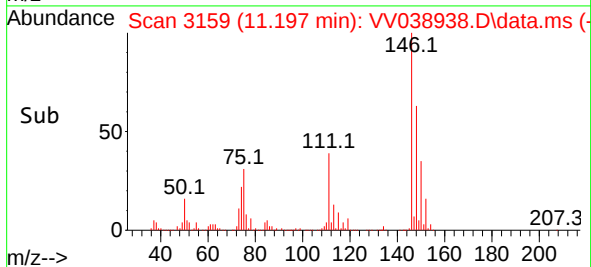
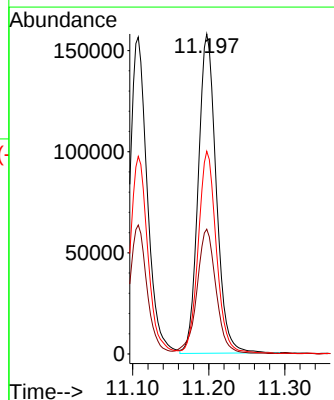
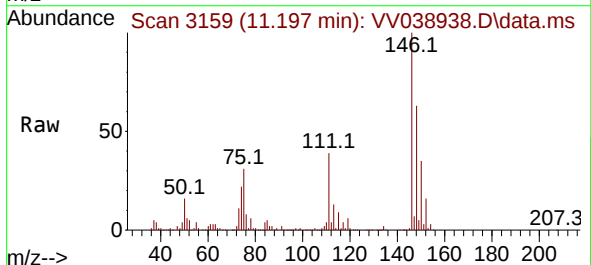
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

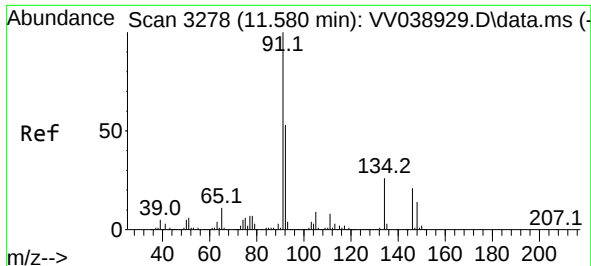
Tgt Ion:146 Resp: 247313
Ion Ratio Lower Upper
146 100
111 40.3 20.4 61.2
148 62.8 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 18.733 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion:146 Resp: 259521
Ion Ratio Lower Upper
146 100
111 41.0 19.7 59.1
148 63.6 31.4 94.2

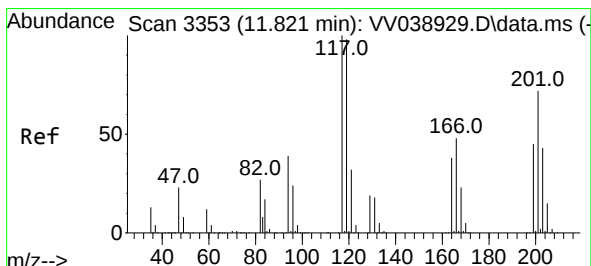
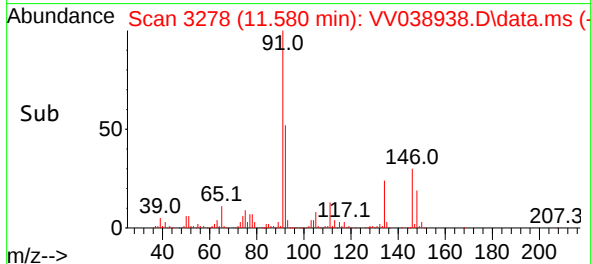
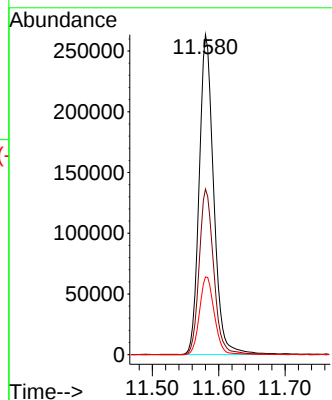
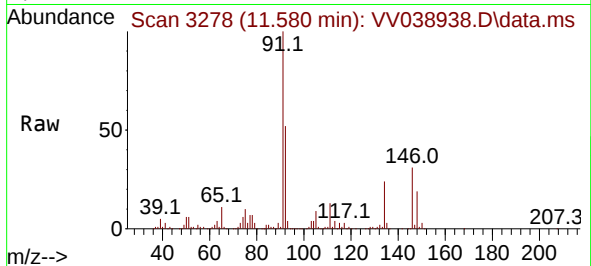




#89
n-Butylbenzene
Concen: 19.246 ug/l
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

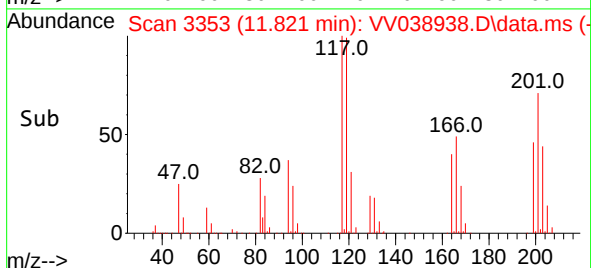
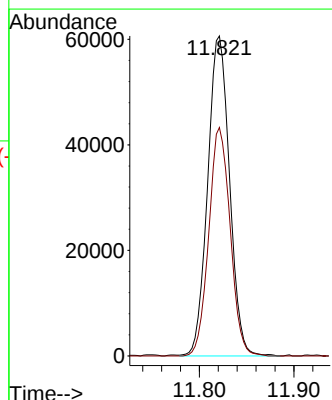
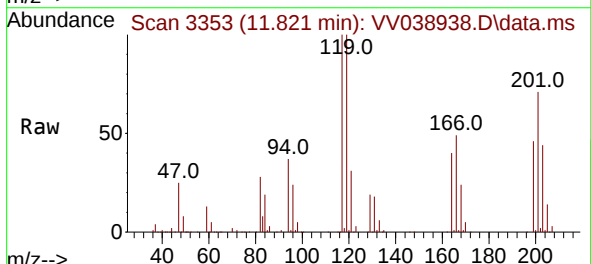
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBS01

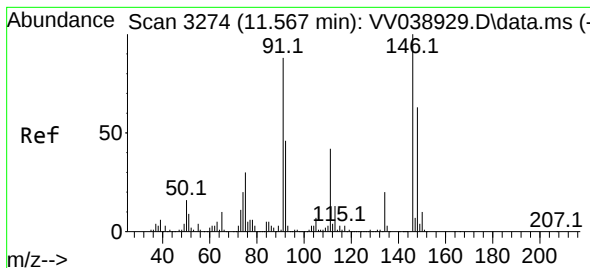
Tgt Ion: 91 Resp: 399421
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.6
134 24.9 13.0 38.9



#90
Hexachloroethane
Concen: 18.416 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. -0.000 min
Lab File: VV038938.D
Acq: 11 Aug 2025 11:32

Tgt Ion: 117 Resp: 97526
Ion Ratio Lower Upper
117 100
201 69.8 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 19.446 ug/l

RT: 11.567 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBS01

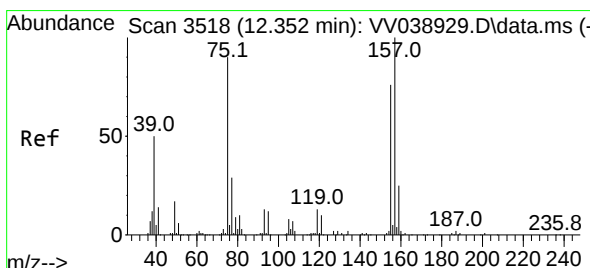
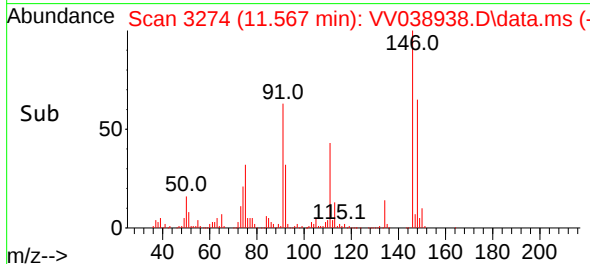
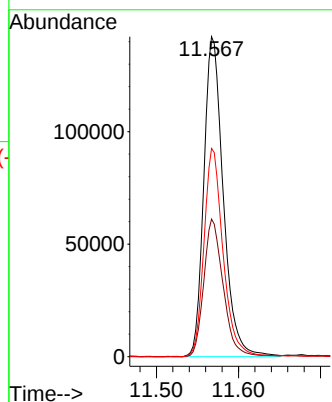
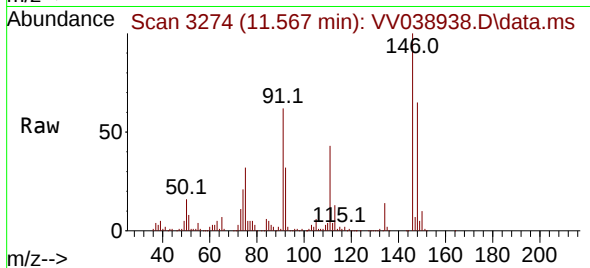
Tgt Ion:146 Resp: 234045

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.3

148 63.9 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.062 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. -0.000 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

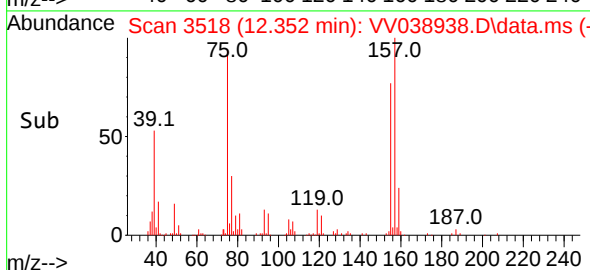
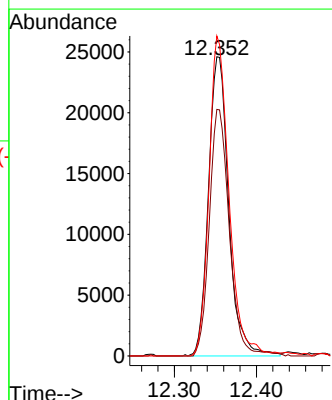
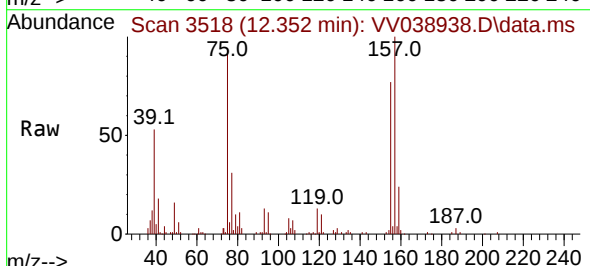
Tgt Ion: 75 Resp: 42348

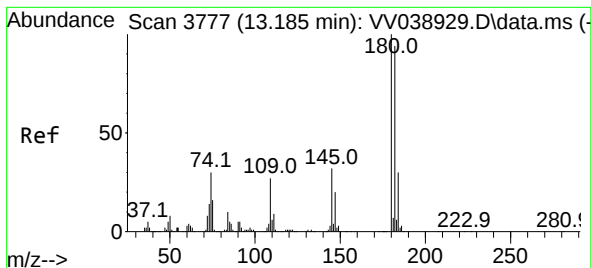
Ion Ratio Lower Upper

75 100

155 81.4 41.4 124.2

157 105.2 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 18.840 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBS01

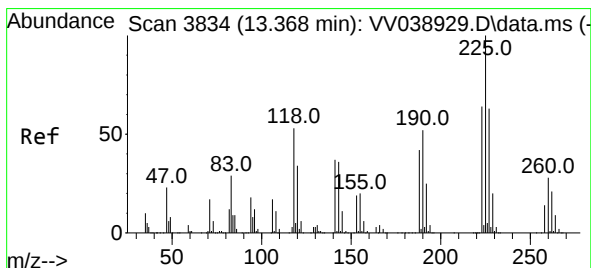
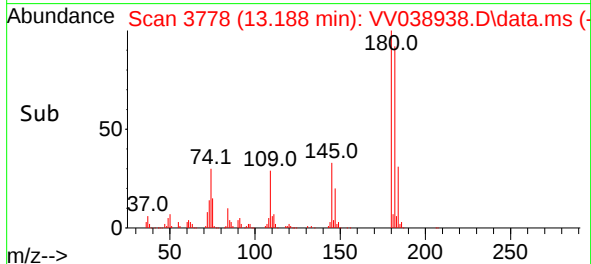
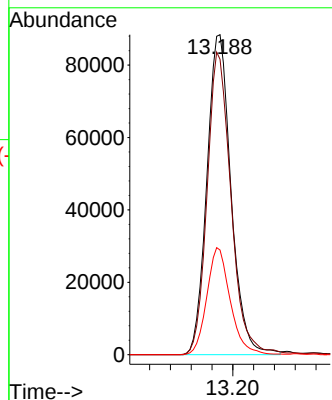
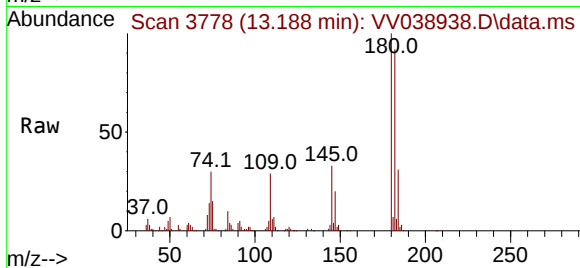
Tgt Ion:180 Resp: 143026

Ion Ratio Lower Upper

180 100

182 93.4 47.1 141.3

145 32.4 15.9 47.6



#94

Hexachlorobutadiene

Concen: 17.759 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

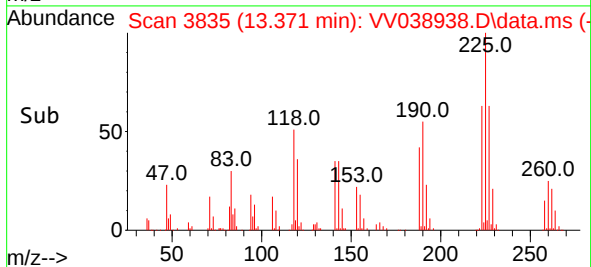
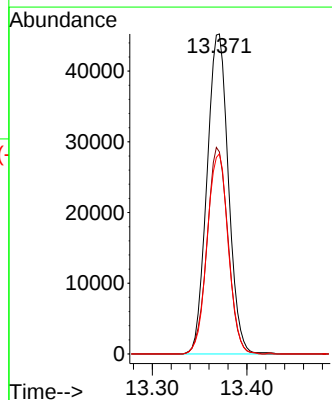
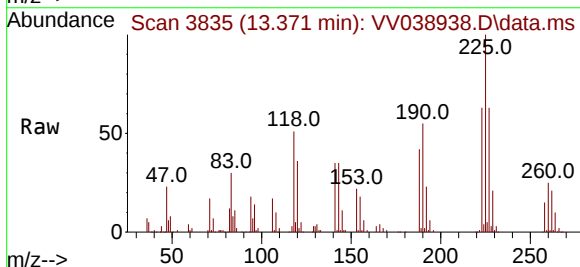
Tgt Ion:225 Resp: 71239

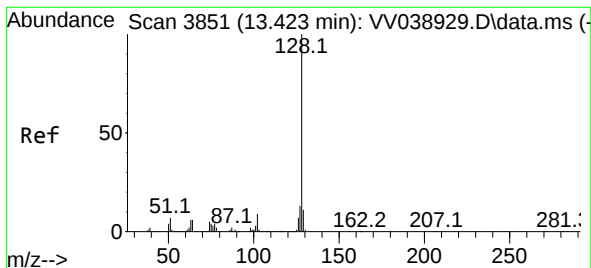
Ion Ratio Lower Upper

225 100

223 63.0 32.0 96.0

227 61.9 31.3 93.9





#95

Naphthalene

Concen: 18.987 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBS01

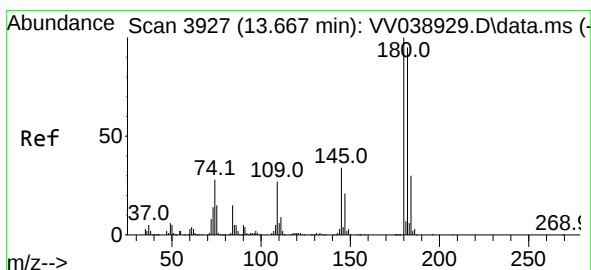
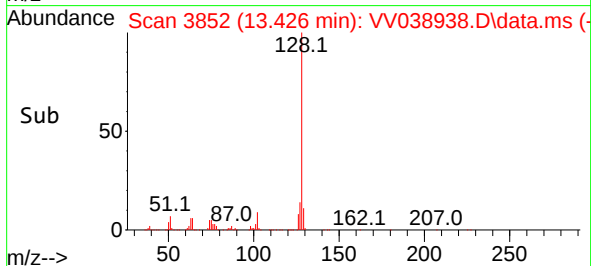
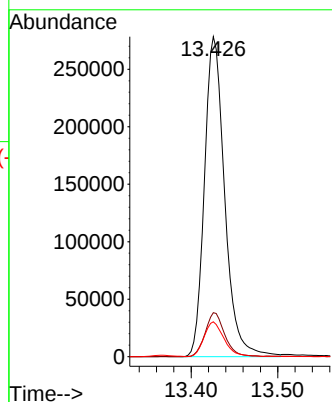
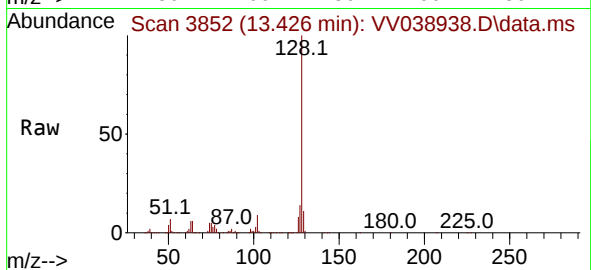
Tgt Ion:128 Resp: 452299

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.331 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. -0.000 min

Lab File: VV038938.D

Acq: 11 Aug 2025 11:32

Tgt Ion:180 Resp: 150177

Ion Ratio Lower Upper

180 100

182 93.8 47.5 142.5

145 33.8 17.1 51.3

